5530 MHz, 80 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	58	1	918	1
2	5530	57	1	938	1
3	5530	61	1	878	1
4	5530	95	1	558	1
5	5530	67	1	798	1
6	5530	81	1	658	1
7	5530	83	1	638	1
8	5530	86	1	618	1
9	5530	72	1	738	1
10	5530	63	1	838	1
11	5530	18	1	3066	1
12	5530	62	1	858	1
13	5530	89	1	598	1
14	5530	102	1	518	1
15	5530	76	1	698	1
16	5530	23	1	2358	1
17	5530	35	1	1532	1
18	5530	70	1	756	1
19	5530	21	1	2599	1
20	5530	42	1	1275	1
21	5530	55	1	975	1
22	5530	40	1	1345	1
23	5530	48	1	1115	1
24	5530	38	1	1402	1
25	5530	37	1	1448	1
26	5530	20	1	2766	1
27	5530	19	1	2786	1
28	5530	30	1	1812	1
29	5530	20	1	2673	1
30	5530	36	1	1499	1

Detection Percentage: 100 % (>60%)

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	29	2	184	1
2	5530	27	1.7	160	1
3	5530	25	4.2	176	1
4	5530	23	3.1	228	1
5	5530	23	3.8	179	1
6	5530	28	2	227	1
7	5530	23	2.6	230	1
8	5530	28	4	177	1
9	5530	26	1.6	204	1
10	5530	25	3.3	186	1
11	5530	23	2.2	155	1
12	5530	25	2	178	1
13	5530	27	2.3	176	1
14	5530	23	1.1	193	1
15	5530	28	2.5	218	1
16	5530	27	3.2	204	1
17	5530	23	4.2	210	1
18	5530	25	1.1	185	1
19	5530	29	1.8	191	1
20	5530	24	3.7	201	1
21	5530	25	4.3	196	1
22	5530	24	2.8	227	1
23	5530	27	1.4	156	1
24	5530	27	3.2	211	1
25	5530	26	4.2	192	1
26	5530	25	1.3	190	1
27	5530	25	2.6	156	1
28	5530	27	4.9	185	1
29	5530	24	1.6	181	1
30	5530	26	1.7	164	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	17	9	282	1
2	5530	18	6.7	280	1
3	5530	16	8.3	343	1
4	5530	17	8.2	351	1
5	5530	18	9.5	345	1
6	5530	17	6.8	401	1
7	5530	17	9.9	327	1
8	5530	16	6.1	207	1
9	5530	18	7.4	374	1
10	5530	18	7.6	277	1
11	5530	17	8.2	430	1
12	5530	16	9.9	227	1
13	5530	18	9	434	1
14	5530	17	8.5	237	1
15	5530	18	8.1	425	1
16	5530	17	7.1	309	1
17	5530	17	9.7	364	1
18	5530	16	9.2	500	1
19	5530	18	6.3	425	1
20	5530	16	8	400	1
21	5530	18	8.1	402	1
22	5530	16	8.1	376	1
23	5530	18	8.6	406	1
24	5530	18	9.8	335	1
25	5530	17	9.7	399	1
26	5530	17	8	347	1
27	5530	17	7.9	314	1
28	5530	18	8.7	415	1
29	5530	18	7.3	326	1
30	5530	17	8	340	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	12	15.8	226	1
2	5530	13	16.4	466	1
3	5530	12	14.1	445	1
4	5530	14	19.7	269	1
5	5530	14	18.7	229	1
6	5530	14	18.8	219	1
7	5530	12	18.6	487	1
8	5530	12	19.9	371	1
9	5530	14	11.1	489	1
10	5530	14	13.8	354	1
11	5530	13	15	494	1
12	5530	15	11.5	330	1
13	5530	12	19.4	474	1
14	5530	15	11.2	341	1
15	5530	13	19.1	229	1
16	5530	15	14.1	254	1
17	5530	13	18.6	260	1
18	5530	12	18.6	335	1
19	5530	14	18.6	466	1
20	5530	16	18.1	344	1
21	5530	16	17.4	279	1
22	5530	15	16.7	450	1
23	5530	12	15.5	452	1
24	5530	13	15.6	332	1
25	5530	16	18.3	386	1
26	5530	15	15.7	463	1
27	5530	13	18	378	1
28	5530	12	15.3	344	1
29	5530	14	19	330	1
30	5530	14	14	378	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5530	1
2	5530	1
3	5530	1
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	1
11	5497.6	0
12	5494.0	1
13	5494.0	1
14	5493.2	1
15	5494.8	1
16	5494.4	1
17	5497.2	1
18	5497.2	1
19	5493.6	1
20	5492.4	1
21	5565.2	1
22	5566.0	1
23	5565.6	1
24	5564.8	1
25	5565.2	1
26	5567.6	1
27	5567.2	1
28	5563.2	0
29	5564.0	1
30	5564.8	1
Detection Percentage: 96.67% (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	81.7	1979	1385	0.255055	
1	3	13	75.2	1754	1775	1.337779	
2	2	13	59.8	1042		1.921828	
3	2	13	92	1815		2.664687	
4	2	13	58.7	1684		3.514444	
5	1	13	67.8			4.004698	
6	1	13	78.4			5.46366	
7	2	13	95.2	1349		5.728699	1
8	2	13	84.5	1860		6.674405	
9	2	13	78.9	1779		7.706911	
10	2	13	87.4	1238		8.585618	
11	1	13	72.8			9.18384	
12	1	13	76.6			9.872274	
13	3	13	88.2	1721	1998	10.47649	
14	2	13	93.5	1997		11.885992	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	50.8	1226		0.86507	
1	2	10	60.1	1342		1.227457	
2	1	10	59.8			2.268951	
3	1	10	78.5			3.424292	
4	2	10	85.5	1903		4.780245	
5	2	10	88.8	1619		5.999827	1
6	2	10	70.4	1125		7.182921	
7	2	10	51	1233		8.407299	
8	2	10	71.7	1197		8.859638	
9	3	10	60	1195	1402	10.722675	
10	1	10	91.4			11.130793	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	88.6	1131		0.535766	
1	2	10	50.2	1061		0.76427	
2	3	10	78.8	1306	1454	1.521295	
3	1	10	86.6			2.29238	
4	1	10	90.4			3.131826	
5	3	10	71.1	1935	1334	3.975776	
6	2	10	62.6	1647		4.885897	
7	2	10	97.9	1628		5.410649	
8	2	10	63.8	1860		6.600629	1
9	2	10	73.8	1606		7.415852	
10	2	10	96	1946		8.186001	
11	2	10	80.2	1188		8.817294	
12	3	10	59.9	1942	1263	9.645891	
13	3	10	72.2	1159	1599	10.093858	
14	2	10	59.4	1641		11.179387	
15	2	10	88.5	1181		11.509326	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	81	1948	1054	0.260418	
1	1	7	98.2			1.296263	
2	2	7	90.1	1712		1.785399	
3	3	7	83.6	1273	1380	2.191448	
4	2	7	76.8	1696		2.844362	
5	2	7	67.9	1708		3.89382	
6	3	7	69.1	1336	1992	4.19041	
7	2	7	77.9	1680		5.323107	
8	3	7	81.1	1636	1450	5.362965	
9	2	7	74.8	1031		6.238734	1
10	2	7	83.2	1624		6.773757	
11	1	7	59.1			7.905256	
12	2	7	98.8	1487		8.305334	
13	3	7	99.5	1553	1348	9.066395	
14	3	7	83.9	1045	1047	9.473799	
15	1	7	72.3			10.151112	
16	2	7	85.9	1371		10.740949	
17	2	7	91.2	1051		11.704589	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	67.7	1087		0.393162	
1	3	13	86.3	1549	1471	0.823177	
2	3	13	99.2	1432	1243	1.597393	
3	2	13	50.3	1639		2.094556	
4	1	13	79.3			3.076218	
5	1	13	65.4			3.645527	
6	2	13	75.4	1595		4.190778	
7	2	13	75.3	1312		4.866191	
8	3	13	59.3	1221	1879	5.399321	
9	1	13	63.4			5.999734	1
10	2	13	68.5	1221		6.347526	
11	3	13	96.1	1336	1941	7.312566	
12	2	13	61.9	1232		8.154931	
13	2	13	77.9	1567		8.587499	
14	1	13	72.1			9.386822	
15	3	13	53.8	1995	1978	10.087327	
16	3	13	86.5	1058	1004	10.525783	
17	3	13	58.9	1189	1840	10.932754	
18	2	13	78.2	1123		11.541311	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	98.8			0.89956	
1	3	6	97.4	1905	1316	2.460355	
2	3	6	62.4	1795	1111	3.733021	
3	1	6	73.7			5.081399	
4	1	6	79.8			5.544124	1
5	2	6	89.6	1549		7.564395	
6	1	6	90.1			9.242207	
7	2	6	50.7	1397		10.545367	
8	1	6	59.8			11.109596	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	83.8	1860	1019	1.240053	
1	2	11	95.7	1804		2.605324	
2	3	11	53.5	1726	1584	3.194705	
3	2	11	99.5	1798		4.139654	
4	2	11	88.4	1997		5.438172	1
5	1	11	98.6			7.111893	
6	1	11	53.4			8.273798	
7	2	11	69	1664		9.493608	
8	2	11	78.7	1036		11.240101	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	86.1	1747	1532	0.559029	
1	3	15	97.7	1465	1299	0.842735	
2	2	15	70.2	1646		1.565661	
3	2	15	72.8	1788		2.431856	
4	3	15	69.8	1029	1413	3.147156	
5	2	15	54.1	1785		3.624313	
6	1	15	55.7			4.393574	
7	3	15	71.9	1861	1904	5.240628	
8	2	15	73	1361		5.638703	
9	3	15	61.8	1356	1812	6.123597	1
10	3	15	89.4	1677	1086	6.75707	
11	2	15	96.1	1929		7.541779	
12	1	15	61.4			8.214185	
13	2	15	76.9	1696		9.179925	
14	1	15	85.1			9.996288	
15	1	15	60.9			10.382733	
16	1	15	71.4			11.224458	
17	3	15	94.1	1517	1421	11.718337	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	62.1	1935	1246	0.003179	
1	2	7	84.6	1869		1.33344	
2	2	7	85.4	1634		3.091455	
3	3	7	55	1915	1581	4.237627	
4	2	7	79.1	1760		5.90779	
5	3	7	68.7	1063	1001	6.373004	1
6	3	7	78.2	1873	1828	7.830435	
7	2	7	88.1	1324		8.560571	
8	1	7	78.7			10.130222	
9	2	7	83.8	1683		10.907944	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	82.3	1184	1381	0.241885	
1	2	11	56.8	1095		1.013437	
2	2	11	96.3	1667		1.814809	
3	3	11	73.3	1997	1626	2.43408	
4	1	11	57			3.33989	
5	1	11	56.8			3.969485	
6	1	11	78.7			4.970451	
7	1	11	90.4			5.977445	
8	2	11	70.3	1462		6.593503	1
9	3	11	53.2	1678	1557	6.80791	
10	3	11	89	1852	1023	7.912794	
11	1	11	77.1			8.370942	
12	1	11	84			9.402935	
13	2	11	65.2	1794		10.129561	
14	3	11	51	1921	1570	10.803718	
15	2	11	67.3	1775		11.832533	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	86.3	1943		0.607934	
1	3	19	61.9	1724	1148	1.262377	
2	2	19	84.9	1174		1.439611	
3	2	19	95.7	1496		2.381172	
4	2	19	98.7	1656		3.14096	
5	2	19	70.6	1907		3.659578	
6	3	19	86.1	1569	1750	4.482606	
7	3	19	73.2	1339	1132	5.433686	
8	2	19	64.9	1412		5.704944	0
9	2	19	55.5	1321		6.377281	
10	2	19	59.7	1576		7.592204	
11	1	19	77.9			7.818678	
12	2	19	71.9	1705		8.693552	
13	2	19	72.3	1910		9.868707	
14	3	19	74.3	1565	1317	9.963005	
15	2	19	69.7	1089		10.982005	
16	2	19	51.5	1108		11.353071	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	87.2			0.221353	
1	1	10	83.1			2.401675	
2	2	10	61	1657		3.961426	
3	3	10	88.1	1832	1513	5.253616	
4	2	10	86.2	1943		6.249666	1
5	3	10	67.3	1419	1391	7.53353	
6	3	10	55.1	1928	1754	8.808367	
7	2	10	93.5	1250		10.57346	
8	2	10	78.9	1779		11.193219	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	58.4	1484		0.311584	
1	2	10	87.5	1428		0.725603	
2	2	10	97.2	1517		1.61466	
3	2	10	54.8	1986		2.467209	
4	1	10	87			2.872942	
5	2	10	95.4	1244		3.625259	
6	3	10	51.8	1282	1706	4.338284	
7	2	10	72	1486		4.756025	
8	1	10	93.7			5.608872	1
9	2	10	53.1	1709		6.349939	
10	2	10	92.5	1302		7.116404	
11	2	10	95.7	1105		7.777071	
12	1	10	87			8.356893	
13	2	10	59.9	1871		8.813315	
14	1	10	69.6			9.864407	
15	2	10	65.9	1983		10.523314	
16	3	10	70.6	1099	1779	10.948916	
17	2	10	96.1	1434		11.629082	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	54.2	1378		0.485801	
1	3	8	97.4	1910	1894	1.866283	
2	1	8	76.2			2.605609	
3	2	8	51.5	1912		3.46155	
4	3	8	75.6	1881	1243	4.815325	
5	1	8	65.1			5.871151	1
6	1	8	61.2			7.089676	
7	3	8	70.1	1361	1078	7.86548	
8	2	8	70.1	1711		9.393403	
9	2	8	77.1	1668		10.727593	
10	2	8	77	1034		11.302491	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	76.6	1018		0.651449	
1	1	12	74.9			2.574204	
2	2	12	94.6	1607		3.553339	
3	2	12	50.5	1387		4.850777	
4	3	12	55.9	1691	1039	6.301591	1
5	2	12	99.9	1124		7.038128	
6	3	12	75.3	1977	1642	8.133848	
7	1	12	74.3			10.553112	
8	1	12	62.2			10.943008	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	74.7			0.887033	
1	2	11	59.2	1682		1.235048	
2	3	11	69	1059	1087	3.135094	
3	2	11	69.9	1076		3.999754	
4	1	11	63.5			4.826297	
5	3	11	91	1780	1778	6.687123	
6	2	11	65.2	1343		8.068401	1
7	2	11	90.2	1561			
8	3	11	91.2	1200	1536		
9	3	11	90.2	1259	1742		
10	1	11	90.9			8.471602	
11	1	11	86.3			10.373955	
12	1	11	84.3			11.225561	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	92	1313	1884	0.346899	
1	2	18	92	1138		1.563139	
2	1	18	88.8			1.844085	
3	2	18	57.5	1004		2.60082	
4	2	18	50.4	1326		3.225408	
5	3	18	96	1122	1819	4.081972	
6	3	18	68.4	1400	1007	4.839302	
7	2	18	99.1	1431		6.153369	1
8	2	18	85.7	1018		7.009843	
9	3	18	93.7	1023	1911	7.540606	
10	2	18	63.8	1757		8.035221	
11	1	18	74.2			9.54756	
12	2	18	75.1	1248		10.056681	
13	1	18	72.7			11.020645	
14	2	18	50.9	1611		11.858309	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	68.6			0.571483	
1	2	18	90.9	1568		0.782871	
2	1	18	89.8			1.467094	
3	2	18	96.1	1379		2.365391	
4	1	18	96.7			2.695171	
5	2	18	61.2	1592		3.465161	
6	2	18	53	1493		4.284939	
7	3	18	81.5	1710	1513	5.215156	
8	2	18	72.5	1333		5.814607	1
9	1	18	67			6.324051	
10	2	18	98.7	1568		7.045575	
11	2	18	92.5	1131		7.763988	
12	2	18	65.5	1150		8.187662	
13	2	18	77	1102		8.915956	
14	1	18	74			9.430655	
15	2	18	67.2	1105		10.354764	
16	2	18	90.8	1266		10.821464	
17	2	18	79	1920		11.692363	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	65.9	1967	1816	0.560618	
1	1	9	96.3			1.306312	
2	1	9	84.4			1.433002	
3	2	9	84.5	1855		2.210972	
4	2	9	92.4	1814		3.163286	
5	1	9	72.9			3.479651	
6	2	9	58.9	1986		4.343083	
7	2	9	87.8	1686		5.228065	
8	3	9	59.2	1494	1995	5.546019	
9	3	9	52.3	1981	1079	6.542976	1
10	2	9	83.5	1655		6.96978	
11	1	9	73.1			7.635429	
12	2	9	92.8	1146		8.090852	
13	2	9	51.8	1703		9.020233	
14	2	9	78.3	1095		9.961012	
15	2	9	97.7	1735		10.468367	
16	1	9	99.7			11.256284	
17	2	9	66	1583		11.440717	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	94	1107		0.417871	
1	2	6	97.6	1242		1.171109	
2	2	6	50.1	1555		1.913715	
3	2	6	68.7	1402		2.811154	
4	1	6	94.3			3.308416	
5	3	6	50.4	1299	1097	4.185818	
6	2	6	51	1994		5.059376	
7	2	6	53.9	1498		5.958828	
8	1	6	92.7			6.105904	1
9	1	6	97.6			7.436045	
10	2	6	94.1	1475		7.843152	
11	2	6	96.5	1582		8.349722	
12	3	6	81.4	1897	1651	9.512381	
13	2	6	58.2	1584		10.000537	
14	1	6	75.1			10.982212	
15	2	6	51.4	1710		11.595484	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	88.9	1851		0.200588	
1	3	12	78	1389	1329	1.020602	
2	3	12	96.8	1379	1945	2.680831	
3	2	12	51.3	1421		3.161805	
4	2	12	89.6	1482		3.729382	
5	2	12	75.3	1279		4.995146	
6	1	12	85.4			5.745074	1
7	3	12	55.5	1187	1583	7.048402	
8	3	12	72.2	1103	1072	8.219556	
9	1	12	82.3			8.577683	
10	2	12	60.8	1974		9.404441	
11	2	12	65.2	1826		10.626492	
12	2	12	62.7	1342		11.284701	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	90.9	1617	1692	0.012516	
1	2	10	65.8	1207		1.310605	
2	2	10	87.2	1694		2.256668	
3	2	10	87.5	1017		3.117477	
4	1	10	76.1			3.430207	
5	2	10	85.3	1283		4.739491	
6	2	10	92.2	1306		5.415744	
7	3	10	90.4	1970	1743	5.951575	1
8	3	10	55.4	1155	1987	6.64287	
9	3	10	57.9	1103	1233	7.58303	
10	2	10	51.9	1450		8.187323	
11	3	10	99.5	1778	1989	8.967485	
12	2	10	67.6	1967		10.222307	
13	3	10	77.3	1898	1342	10.980183	
14	2	10	83.5	1430		11.96164	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	90.4	1815	1727	0.45436	
1	1	11	71.7			0.965798	
2	1	11	69.2			2.116372	
3	2	11	85.7	1847		2.76306	
4	2	11	65.2	1339		3.678165	
5	1	11	75.7			4.060541	
6	2	11	87.8	1494		5.213445	
7	2	11	95.1	1968		5.498307	
8	3	11	52.1	1687	1729	6.708171	1
9	1	11	86.8			7.126996	
10	3	11	61.5	1451	1696	8.186023	
11	2	11	97.1	1380		8.952205	
12	2	11	77.2	1408		9.519583	
13	2	11	71.1	1600		10.060436	
14	1	11	83.7			10.873241	
15	2	11	66.4	1801		11.676555	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	89.8			0.002571	
1	2	13	62.6	1099		2.0385	
2	2	13	76.6	1358		3.829773	
3	2	13	95.5	1519		5.105624	
4	3	13	79.4	1939	1015	5.685839	1
5	1	13	50.3			7.774354	
6	2	13	61	1414		8.268584	
7	2	13	82.5	1211		9.749495	
8	2	13	77.2	1272		11.54026	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	80.9	1944	1563	0.671664	
1	2	12	50	1199		1.535765	
2	2	12	54.1	1470		2.342705	
3	3	12	80.5	1215	1469	3.341514	
4	2	12	58.3	1243		4.327488	
5	2	12	74.5	1946		4.722078	
6	2	12	92.1	1100		6.090951	1
7	2	12	87.4	1901		7.176292	
8	3	12	84.1	1737	1651	7.444877	
9	2	12	58.7	1723		9.061328	
10	1	12	65.8			9.579084	
11	3	12	98.3	1972	1466	10.42734	
12	2	12	72.4	1975		11.208952	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	55.9	1853	1747	0.683328	
1	3	6	61.5	1742	1754	1.016249	
2	3	6	54.1	1990	1349	1.878114	
3	2	6	68.5	1840		3.179141	
4	2	6	84.4	1534		3.367674	
5	1	6	99.5			4.749869	
6	2	6	52.1	1675		5.423095	
7	1	6	91.2			5.814071	1
8	2	6	58.3	1862		6.650832	
9	2	6	59.1	1136		7.650613	
10	3	6	77	1598	1311	8.077855	
11	2	6	66.5	1077		8.875139	
12	3	6	52.2	1903	1599	9.830337	
13	2	6	65.1	1935		11.045236	
14	3	6	56.9	1545	1696	11.834247	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	63.6	1697		0.500294	
1	2	7	91.7	1086		1.069417	
2	3	7	70.4	1965	1684	2.248689	
3	2	7	65.5	1028		2.407383	
4	1	7	73.7			3.5995	
5	3	7	72.2	1468	1870	4.409052	
6	2	7	87.3	1487		5.174237	
7	3	7	95	1295	1632	5.764435	
8	1	7	90			6.744623	1
9	2	7	86.4	1062		7.891048	
10	3	7	97.7	1207	1394	8.580193	
11	2	7	95.3	1660		9.382893	
12	2	7	87.5	1941		9.980915	
13	2	7	90.8	1652		10.439106	
14	2	7	70.2	1162		11.699171	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	57.5	1452		0.398574	
1	3	17	81.1	1428	1056	1.362512	
2	1	17	76.3			2.130075	
3	3	17	51.2	1694	1788	3.592365	
4	1	17	87.5			4.743445	
5	2	17	96.7	1374		5.863514	1
6	2	17	89.8	1693		6.218827	
7	1	17	51.1			7.122034	
8	2	17	86.5	1059		8.053046	
9	2	17	70	1234		9.478787	
10	1	17	82			10.509818	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	88.7	1323		0.54408	
1	2	15	84.2	1428		1.750944	
2	3	15	51.9	1403	1555	2.979116	
3	2	15	73.3	1943		3.30105	
4	3	15	90.5	1268	1397	4.115484	
5	2	15	54.4	1606		5.314145	
6	2	15	82.2	1403		6.599236	1
7	3	15	62.9	1107	1785	7.645341	
8	2	15	90.5	1943		8.501009	
9	3	15	53	1040	1749	9.896746	
10	2	15	65.1	1401		10.652805	
11	2	15	89.3	1335		11.269	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	77.1	1992		0.49997	
1	2	13	99.7	1370		1.54342	
2	1	13	52.5			2.220168	
3	2	13	99.9	1634		3.195309	
4	2	13	93.3	1148		3.354247	
5	2	13	77.9	1839		4.176203	
6	2	13	77.1	1688		5.339832	
7	2	13	93	1410		6.351144	1
8	2	13	58.9	1006		7.098941	
9	2	13	65.8	1425		7.902734	
10	3	13	89.2	1689	1048	8.012302	
11	2	13	66.4	1312		8.863102	
12	2	13	68.4	1987		10.258555	
13	1	13	93.5			10.948837	
14	3	13	99.7	1353	1913	11.214827	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530	9	1	333	1	5582.0, 5620.0, 5329.0, 5424.0, 5716.0, 5566.0, 5483.0, 5664.0, 5542.0, 5263.0, 5538.0, 5439.0, 5456.0, 5337.0, 5580.0, 5627.0, 5373.0, 5550.0, 5567.0, 5281.0, 5608.0, 5681.0, 5485.0, 5548.0, 5684.0, 5625.0, 5271.0, 5352.0, 5703.0, 5553.0, 5289.0, 5391.0, 5631.0, 5593.0, 5520.0, 5517.0, 5556.0, 5717.0, 5661.0, 5614.0, 5277.0, 5393.0, 5722.0, 5403.0, 5383.0, 5587.0, 5284.0, 5633.0, 5288.0, 5463.0, 5500.0, 5701.0, 5342.0, 5370.0, 5481.0, 5644.0, 5313.0, 5493.0, 5521.0, 5666.0, 5523.0, 5374.0, 5413.0, 5665.0, 5713.0, 5291.0, 5459.0, 5272.0, 5273.0, 5368.0, 5381.0, 5305.0, 5438.0, 5275.0, 5335.0, 5392.0, 5417.0, 5429.0, 5655.0, 5669.0, 5527.0, 5650.0, 5474.0, 5302.0, 5421.0, 5632.0, 5259.0, 5348.0, 5276.0, 5354.0, 5402.0, 5495.0, 5339.0, 5540.0, 5696.0, 5445.0, 5592.0, 5604.0, 5687.0, 5334.0 (number of hits: 17)
2	5530	9	1	333	1	5393.0, 5331.0, 5487.0, 5465.0, 5407.0, 5253.0, 5664.0, 5426.0, 5489.0, 5302.0, 5571.0, 5314.0, 5613.0, 5259.0, 5484.0, 5563.0, 5556.0, 5379.0, 5716.0, 5592.0, 5364.0, 5281.0, 5354.0, 5713.0, 5508.0, 5456.0, 5673.0, 5327.0, 5539.0, 5373.0, 5351.0, 5384.0, 5454.0, 5506.0, 5617.0, 5483.0, 5640.0, 5470.0, 5316.0, 5651.0, 5475.0, 5626.0, 5629.0, 5488.0, 5520.0, 5305.0, 5271.0, 5415.0, 5525.0, 5273.0, 5690.0, 5414.0, 5371.0, 5306.0, 5341.0, 5632.0, 5350.0, 5423.0, 5535.0, 5299.0, 5575.0, 5298.0, 5432.0, 5692.0, 5677.0, 5472.0, 5355.0, 5399.0, 5688.0, 5505.0, 5467.0, 5377.0, 5641.0, 5270.0, 5492.0, 5368.0, 5420.0, 5704.0, 5349.0, 5463.0, 5652.0, 5502.0, 5392.0, 5479.0, 5674.0, 5509.0, 5376.0, 5642.0, 5587.0, 5560.0, 5435.0, 5406.0, 5672.0, 5718.0, 5288.0, 5583.0, 5670.0, 5588.0, 5290.0, 5510.0 (number of hits: 14)
3	5530	9	1	333	1	5291.0, 5315.0, 5274.0, 5568.0, 5586.0, 5578.0, 5595.0, 5381.0, 5529.0, 5644.0, 5429.0, 5550.0, 5468.0, 5500.0, 5522.0, 5664.0, 5703.0, 5594.0, 5624.0, 5361.0, 5421.0, 5302.0, 5566.0, 5615.0, 5277.0, 5384.0, 5630.0, 5646.0, 5336.0, 5338.0, 5472.0, 5322.0, 5525.0, 5622.0, 5692.0, 5253.0, 5673.0, 5574.0, 5650.0, 5706.0, 5532.0, 5451.0, 5537.0, 5484.0, 5271.0, 5488.0, 5499.0, 5311.0, 5521.0, 5389.0, 5676.0, 5509.0, 5678.0, 5368.0, 5518.0,

						5473.0, 5395.0, 5654.0, 5720.0, 5299.0, 5510.0, 5275.0, 5680.0, 5569.0, 5414.0, 5288.0, 5562.0, 5409.0, 5254.0, 5444.0, 5597.0, 5573.0, 5413.0, 5459.0, 5489.0, 5252.0, 5616.0, 5691.0, 5553.0, 5514.0, 5469.0, 5298.0, 5477.0, 5479.0, 5267.0, 5698.0, 5327.0, 5668.0, 5366.0, 5717.0, 5354.0, 5440.0, 5426.0, 5282.0, 5684.0, 5269.0, 5375.0, 5255.0, 5396.0, 5295.0 (number of hits: 18)
4	5530	9	1	333	1	5509.0, 5652.0, 5309.0, 5626.0, 5678.0, 5567.0, 5584.0, 5382.0, 5465.0, 5321.0, 5464.0, 5688.0, 5596.0, 5603.0, 5515.0, 5665.0, 5444.0, 5296.0, 5495.0, 5415.0, 5606.0, 5532.0, 5268.0, 5655.0, 5664.0, 5407.0, 5391.0, 5428.0, 5686.0, 5425.0, 5282.0, 5477.0, 5563.0, 5277.0, 5493.0, 5538.0, 5622.0, 5312.0, 5339.0, 5672.0, 5417.0, 5440.0, 5297.0, 5261.0, 5692.0, 5250.0, 5478.0, 5422.0, 5682.0, 5397.0, 5263.0, 5386.0, 5475.0, 5344.0, 5629.0, 5355.0, 5630.0, 5303.0, 5288.0, 5513.0, 5310.0, 5356.0, 5575.0, 5449.0, 5631.0, 5645.0, 5701.0, 5487.0, 5387.0, 5473.0, 5430.0, 5450.0, 5521.0, 5439.0, 5363.0, 5307.0, 5315.0, 5448.0, 5341.0, 5403.0, 5616.0, 5345.0, 5370.0, 5599.0, 5663.0, 5480.0, 5327.0, 5351.0, 5338.0, 5520.0, 5402.0, 5314.0, 5535.0, 5420.0, 5482.0, 5368.0, 5255.0, 5559.0, 5340.0, 5712.0 (number of hits: 13)
5	5530	9	1	333	1	5701.0, 5440.0, 5697.0, 5479.0, 5675.0, 5554.0, 5282.0, 5583.0, 5263.0, 5629.0, 5692.0, 5254.0, 5355.0, 5510.0, 5265.0, 5507.0, 5591.0, 5294.0, 5366.0, 5530.0, 5321.0, 5418.0, 5261.0, 5592.0, 5648.0, 5466.0, 5687.0, 5362.0, 5517.0, 5382.0, 5581.0, 5369.0, 5635.0, 5686.0, 5494.0, 5534.0, 5595.0, 5273.0, 5319.0, 5519.0, 5718.0, 5399.0, 5421.0, 5483.0, 5637.0, 5562.0, 5313.0, 5344.0, 5371.0, 5427.0, 5281.0, 5649.0, 5625.0, 5478.0, 5538.0, 5269.0, 5616.0, 5289.0, 5529.0, 5528.0, 5614.0, 5555.0, 5669.0, 5298.0, 5634.0, 5451.0, 5688.0, 5255.0, 5419.0, 5588.0, 5545.0, 5623.0, 5558.0, 5503.0, 5422.0, 5251.0, 5599.0, 5356.0, 5350.0, 5286.0, 5674.0, 5370.0, 5489.0, 5320.0, 5506.0, 5423.0, 5621.0, 5717.0, 5381.0, 5586.0, 5694.0, 5603.0, 5618.0, 5380.0, 5408.0, 5624.0, 5464.0, 5257.0, 5677.0, 5390.0 (number of hits: 17)
6	5530	9	1	333	1	5715.0, 5472.0, 5503.0, 5406.0, 5721.0, 5422.0, 5270.0, 5670.0, 5508.0, 5381.0, 5321.0, 5292.0, 5404.0, 5435.0, 5695.0, 5569.0, 5329.0, 5602.0, 5464.0, 5684.0, 5673.0, 5386.0, 5378.0, 5554.0, 5454.0, 5643.0, 5449.0, 5269.0, 5618.0, 5582.0, 5285.0, 5522.0, 5645.0, 5683.0, 5254.0,

						5679.0, 5625.0, 5484.0, 5384.0, 5692.0, 5556.0, 5274.0, 5302.0, 5617.0, 5332.0, 5306.0, 5324.0, 5328.0, 5371.0, 5678.0, 5476.0, 5485.0, 5662.0, 5489.0, 5685.0, 5336.0, 5287.0, 5309.0, 5712.0, 5702.0, 5395.0, 5455.0, 5341.0, 5325.0, 5405.0, 5575.0, 5479.0, 5408.0, 5523.0, 5641.0, 5680.0, 5271.0, 5265.0, 5267.0, 5720.0, 5563.0, 5653.0, 5348.0, 5576.0, 5599.0, 5335.0, 5316.0, 5640.0, 5394.0, 5473.0, 5677.0, 5635.0, 5609.0, 5525.0, 5407.0, 5529.0, 5642.0, 5654.0, 5492.0, 5340.0, 5396.0, 5530.0, 5593.0, 5681.0, 5365.0 (number of hits: 12)
7	5530	9	1	333	1	5631.0, 5418.0, 5642.0, 5605.0, 5592.0, 5439.0, 5295.0, 5643.0, 5498.0, 5329.0, 5627.0, 5412.0, 5417.0, 5360.0, 5332.0, 5461.0, 5653.0, 5262.0, 5432.0, 5421.0, 5494.0, 5442.0, 5404.0, 5564.0, 5269.0, 5577.0, 5606.0, 5431.0, 5585.0, 5485.0, 5366.0, 5402.0, 5362.0, 5676.0, 5632.0, 5328.0, 5703.0, 5584.0, 5568.0, 5619.0, 5526.0, 5491.0, 5637.0, 5543.0, 5475.0, 5521.0, 5343.0, 5481.0, 5698.0, 5483.0, 5722.0, 5394.0, 5469.0, 5493.0, 5422.0, 5391.0, 5307.0, 5304.0, 5639.0, 5522.0, 5450.0, 5456.0, 5253.0, 5572.0, 5294.0, 5318.0, 5300.0, 5316.0, 5325.0, 5251.0, 5395.0, 5389.0, 5486.0, 5650.0, 5552.0, 5354.0, 5576.0, 5361.0, 5677.0, 5566.0, 5369.0, 5515.0, 5314.0, 5303.0, 5542.0, 5553.0, 5525.0, 5428.0, 5497.0, 5386.0, 5313.0, 5603.0, 5487.0, 5537.0, 5420.0, 5510.0, 5712.0, 5567.0, 5591.0, 5374.0 (number of hits: 20)
8	5530	9	1	333	1	5385.0, 5339.0, 5563.0, 5425.0, 5657.0, 5611.0, 5522.0, 5651.0, 5719.0, 5704.0, 5545.0, 5279.0, 5376.0, 5692.0, 5655.0, 5467.0, 5705.0, 5357.0, 5619.0, 5694.0, 5720.0, 5416.0, 5555.0, 5388.0, 5445.0, 5648.0, 5682.0, 5365.0, 5560.0, 5549.0, 5501.0, 5639.0, 5587.0, 5254.0, 5698.0, 5297.0, 5299.0, 5505.0, 5343.0, 5643.0, 5672.0, 5561.0, 5317.0, 5330.0, 5499.0, 5659.0, 5403.0, 5646.0, 5521.0, 5318.0, 5367.0, 5638.0, 5650.0, 5455.0, 5328.0, 5277.0, 5258.0, 5607.0, 5401.0, 5713.0, 5282.0, 5500.0, 5715.0, 5295.0, 5442.0, 5449.0, 5566.0, 5356.0, 5708.0, 5641.0, 5654.0, 5601.0, 5487.0, 5466.0, 5259.0, 5676.0, 5404.0, 5590.0, 5706.0, 5669.0, 5535.0, 5602.0, 5400.0, 5452.0, 5614.0, 5384.0, 5693.0, 5571.0, 5358.0, 5471.0, 5609.0, 5270.0, 5407.0, 5577.0, 5585.0, 5447.0, 5446.0, 5671.0, 5543.0, 5716.0 (number of hits: 15)
9	5530	9	1	333	1	5294.0, 5620.0, 5651.0, 5400.0, 5552.0, 5479.0, 5545.0, 5558.0, 5670.0, 5343.0, 5367.0, 5258.0, 5423.0, 5354.0, 5517.0,

						5345.0, 5684.0, 5304.0, 5645.0, 5472.0, 5427.0, 5296.0, 5617.0, 5518.0, 5276.0, 5692.0, 5348.0, 5624.0, 5606.0, 5495.0, 5452.0, 5326.0, 5362.0, 5701.0, 5448.0, 5458.0, 5278.0, 5398.0, 5708.0, 5450.0, 5316.0, 5369.0, 5492.0, 5679.0, 5722.0, 5677.0, 5554.0, 5615.0, 5536.0, 5257.0, 5696.0, 5305.0, 5350.0, 5595.0, 5650.0, 5436.0, 5564.0, 5470.0, 5676.0, 5251.0, 5680.0, 5585.0, 5690.0, 5368.0, 5648.0, 5657.0, 5402.0, 5704.0, 5487.0, 5298.0, 5408.0, 5393.0, 5502.0, 5556.0, 5372.0, 5635.0, 5321.0, 5654.0, 5464.0, 5626.0, 5352.0, 5417.0, 5669.0, 5253.0, 5413.0, 5716.0, 5255.0, 5378.0, 5618.0, 5289.0, 5601.0, 5474.0, 5371.0, 5528.0, 5453.0, 5335.0, 5313.0, 5461.0, 5700.0, 5358.0 (number of hits: 13)
10	5530	9	1	333	1	5559.0, 5342.0, 5578.0, 5341.0, 5281.0, 5645.0, 5603.0, 5349.0, 5541.0, 5583.0, 5353.0, 5560.0, 5476.0, 5437.0, 5431.0, 5446.0, 5317.0, 5624.0, 5629.0, 5611.0, 5251.0, 5348.0, 5312.0, 5631.0, 5339.0, 5303.0, 5461.0, 5373.0, 5305.0, 5720.0, 5672.0, 5488.0, 5482.0, 5692.0, 5418.0, 5506.0, 5494.0, 5265.0, 5253.0, 5686.0, 5271.0, 5572.0, 5519.0, 5382.0, 5538.0, 5707.0, 5696.0, 5413.0, 5462.0, 5549.0, 5716.0, 5411.0, 5430.0, 5596.0, 5593.0, 5405.0, 5387.0, 5453.0, 5272.0, 5515.0, 5458.0, 5422.0, 5295.0, 5444.0, 5621.0, 5323.0, 5718.0, 5522.0, 5533.0, 5548.0, 5334.0, 5500.0, 5562.0, 5547.0, 5683.0, 5652.0, 5309.0, 5708.0, 5451.0, 5475.0, 5369.0, 5564.0, 5640.0, 5513.0, 5397.0, 5261.0, 5525.0, 5699.0, 5350.0, 5304.0, 5580.0, 5318.0, 5503.0, 5361.0, 5393.0, 5528.0, 5252.0, 5468.0, 5340.0, 5417.0 (number of hits: 20)
11	5530	9	1	333	1	5573.0, 5252.0, 5540.0, 5609.0, 5542.0, 5706.0, 5356.0, 5377.0, 5402.0, 5690.0, 5604.0, 5456.0, 5332.0, 5619.0, 5709.0, 5533.0, 5271.0, 5450.0, 5460.0, 5698.0, 5620.0, 5409.0, 5403.0, 5601.0, 5272.0, 5451.0, 5556.0, 5431.0, 5287.0, 5343.0, 5319.0, 5473.0, 5457.0, 5421.0, 5524.0, 5672.0, 5408.0, 5426.0, 5597.0, 5448.0, 5682.0, 5258.0, 5538.0, 5510.0, 5371.0, 5578.0, 5384.0, 5416.0, 5353.0, 5678.0, 5551.0, 5309.0, 5470.0, 5629.0, 5412.0, 5586.0, 5335.0, 5617.0, 5592.0, 5517.0, 5405.0, 5345.0, 5701.0, 5536.0, 5274.0, 5297.0, 5411.0, 5280.0, 5420.0, 5653.0, 5598.0, 5307.0, 5692.0, 5568.0, 5522.0, 5364.0, 5700.0, 5386.0, 5350.0, 5716.0, 5313.0, 5497.0, 5294.0, 5365.0, 5275.0, 5443.0, 5298.0, 5346.0, 5410.0, 5480.0, 5531.0, 5253.0, 5623.0, 5554.0, 5325.0, 5614.0, 5478.0, 5277.0, 5641.0, 5338.0

						(number of hits: 15)
12	5530	9	1	333	1	5565.0, 5549.0, 5391.0, 5570.0, 5304.0, 5573.0, 5493.0, 5300.0, 5693.0, 5623.0, 5615.0, 5599.0, 5403.0, 5711.0, 5419.0, 5555.0, 5354.0, 5297.0, 5621.0, 5444.0, 5682.0, 5414.0, 5265.0, 5387.0, 5534.0, 5622.0, 5390.0, 5374.0, 5665.0, 5477.0, 5628.0, 5458.0, 5669.0, 5398.0, 5670.0, 5355.0, 5434.0, 5613.0, 5592.0, 5695.0, 5713.0, 5545.0, 5602.0, 5365.0, 5595.0, 5499.0, 5709.0, 5369.0, 5475.0, 5457.0, 5346.0, 5286.0, 5449.0, 5341.0, 5667.0, 5415.0, 5395.0, 5431.0, 5655.0, 5407.0, 5612.0, 5357.0, 5708.0, 5591.0, 5314.0, 5649.0, 5609.0, 5456.0, 5445.0, 5614.0, 5373.0, 5541.0, 5366.0, 5529.0, 5282.0, 5536.0, 5687.0, 5659.0, 5707.0, 5652.0, 5454.0, 5498.0, 5678.0, 5301.0, 5307.0, 5408.0, 5480.0, 5500.0, 5258.0, 5356.0, 5502.0, 5400.0, 5677.0, 5540.0, 5262.0, 5276.0, 5402.0, 5410.0, 5330.0, 5326.0
						(number of hits: 14)
13	5530	9	1	333	1	5536.0, 5522.0, 5676.0, 5355.0, 5269.0, 5326.0, 5492.0, 5301.0, 5390.0, 5411.0, 5672.0, 5542.0, 5711.0, 5364.0, 5656.0, 5377.0, 5472.0, 5613.0, 5493.0, 5314.0, 5378.0, 5574.0, 5494.0, 5366.0, 5432.0, 5474.0, 5303.0, 5261.0, 5709.0, 5372.0, 5429.0, 5398.0, 5452.0, 5674.0, 5360.0, 5256.0, 5393.0, 5468.0, 5689.0, 5386.0, 5520.0, 5641.0, 5691.0, 5502.0, 5456.0, 5696.0, 5626.0, 5488.0, 5434.0, 5356.0, 5427.0, 5368.0, 5315.0, 5481.0, 5460.0, 5699.0, 5414.0, 5459.0, 5684.0, 5505.0, 5317.0, 5387.0, 5353.0, 5685.0, 5647.0, 5702.0, 5357.0, 5651.0, 5457.0, 5277.0, 5541.0, 5683.0, 5661.0, 5682.0, 5373.0, 5350.0, 5397.0, 5511.0, 5463.0, 5286.0, 5430.0, 5595.0, 5521.0, 5523.0, 5529.0, 5587.0, 5450.0, 5428.0, 5598.0, 5588.0, 5673.0, 5688.0, 5710.0, 5668.0, 5633.0, 5300.0, 5543.0, 5571.0, 5329.0, 5655.0
						(number of hits: 15)
14	5530	9	1	333	1	5506.0, 5701.0, 5404.0, 5494.0, 5326.0, 5331.0, 5368.0, 5470.0, 5251.0, 5306.0, 5429.0, 5352.0, 5419.0, 5666.0, 5610.0, 5620.0, 5614.0, 5364.0, 5316.0, 5658.0, 5617.0, 5597.0, 5446.0, 5715.0, 5441.0, 5321.0, 5511.0, 5413.0, 5338.0, 5510.0, 5474.0, 5493.0, 5349.0, 5453.0, 5381.0, 5460.0, 5637.0, 5642.0, 5648.0, 5665.0, 5403.0, 5606.0, 5378.0, 5555.0, 5579.0, 5301.0, 5332.0, 5384.0, 5498.0, 5343.0, 5500.0, 5456.0, 5644.0, 5594.0, 5268.0, 5457.0, 5443.0, 5337.0, 5616.0, 5704.0, 5370.0, 5447.0, 5491.0, 5690.0, 5398.0, 5577.0, 5636.0, 5688.0, 5373.0, 5605.0, 5478.0, 5296.0, 5575.0, 5507.0, 5656.0, 5713.0, 5587.0, 5714.0, 5542.0, 5377.0,

						5464.0, 5395.0, 5607.0, 5487.0, 5290.0, 5345.0, 5721.0, 5639.0, 5344.0, 5286.0, 5716.0, 5356.0, 5407.0, 5335.0, 5720.0, 5380.0, 5686.0, 5342.0, 5417.0, 5544.0 (number of hits: 12)
15	5530	9	1	333	1	5266.0, 5560.0, 5674.0, 5685.0, 5258.0, 5557.0, 5376.0, 5664.0, 5527.0, 5570.0, 5415.0, 5501.0, 5561.0, 5588.0, 5693.0, 5390.0, 5480.0, 5395.0, 5701.0, 5451.0, 5379.0, 5259.0, 5593.0, 5454.0, 5562.0, 5577.0, 5666.0, 5552.0, 5380.0, 5353.0, 5647.0, 5301.0, 5703.0, 5438.0, 5428.0, 5429.0, 5252.0, 5318.0, 5294.0, 5433.0, 5676.0, 5455.0, 5357.0, 5697.0, 5282.0, 5328.0, 5550.0, 5401.0, 5450.0, 5678.0, 5548.0, 5343.0, 5279.0, 5383.0, 5520.0, 5400.0, 5609.0, 5546.0, 5278.0, 5377.0, 5606.0, 5418.0, 5639.0, 5661.0, 5578.0, 5653.0, 5471.0, 5513.0, 5410.0, 5402.0, 5646.0, 5663.0, 5503.0, 5710.0, 5579.0, 5709.0, 5268.0, 5441.0, 5718.0, 5384.0, 5426.0, 5296.0, 5590.0, 5564.0, 5302.0, 5617.0, 5470.0, 5333.0, 5565.0, 5476.0, 5283.0, 5446.0, 5686.0, 5680.0, 5696.0, 5281.0, 5681.0, 5643.0, 5618.0, 5381.0 (number of hits: 15)
16	5530	9	1	333	1	5281.0, 5261.0, 5713.0, 5540.0, 5525.0, 5255.0, 5273.0, 5315.0, 5370.0, 5372.0, 5496.0, 5470.0, 5645.0, 5589.0, 5673.0, 5455.0, 5288.0, 5542.0, 5566.0, 5634.0, 5570.0, 5647.0, 5431.0, 5356.0, 5423.0, 5481.0, 5439.0, 5297.0, 5445.0, 5299.0, 5531.0, 5342.0, 5682.0, 5649.0, 5622.0, 5631.0, 5411.0, 5661.0, 5258.0, 5723.0, 5697.0, 5351.0, 5489.0, 5528.0, 5263.0, 5468.0, 5464.0, 5615.0, 5612.0, 5469.0, 5576.0, 5708.0, 5646.0, 5714.0, 5561.0, 5376.0, 5270.0, 5310.0, 5447.0, 5428.0, 5484.0, 5477.0, 5653.0, 5355.0, 5690.0, 5375.0, 5389.0, 5694.0, 5715.0, 5712.0, 5684.0, 5479.0, 5357.0, 5335.0, 5328.0, 5466.0, 5526.0, 5579.0, 5348.0, 5457.0, 5268.0, 5399.0, 5559.0, 5550.0, 5619.0, 5257.0, 5485.0, 5478.0, 5642.0, 5553.0, 5611.0, 5495.0, 5610.0, 5691.0, 5534.0, 5674.0, 5678.0, 5252.0, 5545.0, 5688.0 (number of hits: 15)
17	5530	9	1	333	1	5508.0, 5538.0, 5385.0, 5611.0, 5703.0, 5503.0, 5648.0, 5281.0, 5414.0, 5434.0, 5689.0, 5271.0, 5328.0, 5331.0, 5337.0, 5498.0, 5645.0, 5296.0, 5664.0, 5665.0, 5307.0, 5311.0, 5338.0, 5447.0, 5287.0, 5643.0, 5354.0, 5313.0, 5446.0, 5610.0, 5586.0, 5469.0, 5621.0, 5380.0, 5644.0, 5333.0, 5407.0, 5384.0, 5607.0, 5548.0, 5283.0, 5481.0, 5497.0, 5473.0, 5603.0, 5716.0, 5594.0, 5575.0, 5671.0, 5704.0, 5329.0, 5653.0, 5423.0, 5363.0, 5429.0, 5534.0, 5470.0, 5294.0, 5544.0, 5467.0,

						5411.0, 5580.0, 5579.0, 5403.0, 5346.0, 5670.0, 5371.0, 5379.0, 5600.0, 5542.0, 5435.0, 5723.0, 5573.0, 5688.0, 5550.0, 5646.0, 5555.0, 5539.0, 5430.0, 5408.0, 5257.0, 5352.0, 5492.0, 5618.0, 5556.0, 5453.0, 5567.0, 5477.0, 5696.0, 5278.0, 5692.0, 5501.0, 5452.0, 5456.0, 5286.0, 5694.0, 5511.0, 5570.0, 5719.0, 5324.0 (number of hits: 17)
18	5530	9	1	333	1	5549.0, 5676.0, 5707.0, 5485.0, 5611.0, 5287.0, 5388.0, 5582.0, 5304.0, 5529.0, 5352.0, 5644.0, 5657.0, 5592.0, 5303.0, 5693.0, 5471.0, 5569.0, 5437.0, 5270.0, 5372.0, 5711.0, 5308.0, 5596.0, 5724.0, 5426.0, 5360.0, 5706.0, 5371.0, 5378.0, 5462.0, 5662.0, 5464.0, 5714.0, 5491.0, 5625.0, 5649.0, 5301.0, 5598.0, 5694.0, 5357.0, 5572.0, 5329.0, 5460.0, 5354.0, 5454.0, 5430.0, 5282.0, 5626.0, 5392.0, 5355.0, 5556.0, 5498.0, 5389.0, 5258.0, 5567.0, 5466.0, 5470.0, 5615.0, 5418.0, 5334.0, 5407.0, 5526.0, 5575.0, 5555.0, 5679.0, 5451.0, 5419.0, 5398.0, 5307.0, 5632.0, 5456.0, 5721.0, 5515.0, 5330.0, 5708.0, 5542.0, 5500.0, 5401.0, 5365.0, 5713.0, 5521.0, 5622.0, 5475.0, 5416.0, 5439.0, 5663.0, 5302.0, 5666.0, 5544.0, 5353.0, 5413.0, 5434.0, 5276.0, 5501.0, 5525.0, 5494.0, 5387.0, 5278.0, 5271.0 (number of hits: 17)
19	5530	9	1	333	1	5687.0, 5298.0, 5406.0, 5700.0, 5373.0, 5297.0, 5273.0, 5616.0, 5409.0, 5520.0, 5467.0, 5359.0, 5448.0, 5478.0, 5441.0, 5512.0, 5379.0, 5590.0, 5479.0, 5401.0, 5450.0, 5703.0, 5637.0, 5581.0, 5549.0, 5708.0, 5414.0, 5366.0, 5345.0, 5398.0, 5290.0, 5568.0, 5488.0, 5377.0, 5477.0, 5601.0, 5636.0, 5254.0, 5599.0, 5315.0, 5376.0, 5390.0, 5680.0, 5443.0, 5280.0, 5371.0, 5593.0, 5431.0, 5641.0, 5439.0, 5519.0, 5456.0, 5538.0, 5459.0, 5621.0, 5572.0, 5413.0, 5295.0, 5296.0, 5411.0, 5293.0, 5468.0, 5303.0, 5608.0, 5272.0, 5545.0, 5575.0, 5294.0, 5386.0, 5564.0, 5571.0, 5497.0, 5312.0, 5696.0, 5707.0, 5668.0, 5281.0, 5391.0, 5486.0, 5427.0, 5269.0, 5429.0, 5577.0, 5447.0, 5689.0, 5321.0, 5320.0, 5259.0, 5309.0, 5446.0, 5400.0, 5483.0, 5649.0, 5646.0, 5539.0, 5719.0, 5669.0, 5419.0, 5634.0, 5289.0 (number of hits: 10)
20	5530	9	1	333	1	5477.0, 5697.0, 5485.0, 5360.0, 5530.0, 5600.0, 5376.0, 5631.0, 5382.0, 5297.0, 5478.0, 5368.0, 5317.0, 5589.0, 5383.0, 5441.0, 5722.0, 5650.0, 5306.0, 5579.0, 5557.0, 5638.0, 5547.0, 5433.0, 5372.0, 5254.0, 5694.0, 5458.0, 5708.0, 5302.0, 5261.0, 5627.0, 5630.0, 5605.0, 5464.0, 5672.0, 5354.0, 5626.0, 5515.0, 5283.0,

						5423.0, 5703.0, 5468.0, 5276.0, 5294.0, 5432.0, 5688.0, 5527.0, 5721.0, 5272.0, 5428.0, 5567.0, 5604.0, 5385.0, 5465.0, 5606.0, 5592.0, 5646.0, 5550.0, 5560.0, 5402.0, 5624.0, 5687.0, 5437.0, 5352.0, 5324.0, 5561.0, 5596.0, 5528.0, 5640.0, 5487.0, 5570.0, 5680.0, 5305.0, 5602.0, 5274.0, 5460.0, 5535.0, 5491.0, 5540.0, 5580.0, 5695.0, 5408.0, 5705.0, 5397.0, 5533.0, 5290.0, 5511.0, 5700.0, 5490.0, 5444.0, 5479.0, 5566.0, 5597.0, 5431.0, 5269.0, 5712.0, 5426.0, 5591.0, 5353.0 (number of hits: 17)
21	5530	9	1	333	1	5335.0, 5450.0, 5696.0, 5399.0, 5572.0, 5264.0, 5544.0, 5681.0, 5370.0, 5675.0, 5715.0, 5707.0, 5678.0, 5438.0, 5566.0, 5467.0, 5709.0, 5682.0, 5298.0, 5462.0, 5511.0, 5551.0, 5471.0, 5330.0, 5626.0, 5516.0, 5394.0, 5375.0, 5542.0, 5523.0, 5490.0, 5280.0, 5344.0, 5549.0, 5323.0, 5499.0, 5342.0, 5384.0, 5386.0, 5312.0, 5404.0, 5667.0, 5427.0, 5545.0, 5607.0, 5535.0, 5586.0, 5443.0, 5668.0, 5647.0, 5297.0, 5457.0, 5322.0, 5413.0, 5634.0, 5251.0, 5713.0, 5706.0, 5468.0, 5571.0, 5660.0, 5383.0, 5581.0, 5451.0, 5603.0, 5289.0, 5424.0, 5290.0, 5517.0, 5575.0, 5587.0, 5435.0, 5433.0, 5415.0, 5533.0, 5640.0, 5408.0, 5714.0, 5695.0, 5539.0, 5564.0, 5355.0, 5721.0, 5474.0, 5540.0, 5346.0, 5622.0, 5254.0, 5314.0, 5598.0, 5449.0, 5560.0, 5625.0, 5699.0, 5372.0, 5430.0, 5374.0, 5683.0, 5348.0, 5275.0 (number of hits: 18)
22	5530	9	1	333	1	5410.0, 5435.0, 5660.0, 5645.0, 5306.0, 5365.0, 5556.0, 5602.0, 5443.0, 5333.0, 5310.0, 5263.0, 5493.0, 5414.0, 5258.0, 5269.0, 5633.0, 5286.0, 5402.0, 5671.0, 5653.0, 5352.0, 5520.0, 5375.0, 5559.0, 5485.0, 5418.0, 5494.0, 5317.0, 5539.0, 5637.0, 5316.0, 5479.0, 5521.0, 5272.0, 5409.0, 5273.0, 5529.0, 5699.0, 5569.0, 5624.0, 5720.0, 5346.0, 5639.0, 5406.0, 5655.0, 5528.0, 5416.0, 5398.0, 5463.0, 5480.0, 5591.0, 5497.0, 5587.0, 5647.0, 5436.0, 5419.0, 5675.0, 5296.0, 5434.0, 5447.0, 5588.0, 5634.0, 5388.0, 5383.0, 5265.0, 5573.0, 5457.0, 5572.0, 5626.0, 5257.0, 5541.0, 5608.0, 5307.0, 5625.0, 5561.0, 5412.0, 5650.0, 5309.0, 5632.0, 5546.0, 5432.0, 5284.0, 5543.0, 5644.0, 5282.0, 5515.0, 5275.0, 5335.0, 5685.0, 5431.0, 5523.0, 5640.0, 5509.0, 5512.0, 5313.0, 5452.0, 5377.0, 5514.0, 5505.0 (number of hits: 21)
23	5530	9	1	333	1	5608.0, 5563.0, 5290.0, 5287.0, 5455.0, 5569.0, 5536.0, 5515.0, 5432.0, 5481.0, 5595.0, 5607.0, 5682.0, 5468.0, 5318.0, 5374.0, 5634.0, 5577.0, 5385.0, 5596.0,

						5417.0, 5676.0, 5553.0, 5382.0, 5445.0, 5712.0, 5594.0, 5277.0, 5628.0, 5651.0, 5336.0, 5611.0, 5289.0, 5331.0, 5436.0, 5433.0, 5476.0, 5452.0, 5391.0, 5268.0, 5298.0, 5469.0, 5262.0, 5288.0, 5449.0, 5609.0, 5679.0, 5688.0, 5617.0, 5487.0, 5368.0, 5510.0, 5573.0, 5265.0, 5363.0, 5716.0, 5657.0, 5296.0, 5512.0, 5404.0, 5327.0, 5440.0, 5602.0, 5551.0, 5295.0, 5278.0, 5354.0, 5474.0, 5514.0, 5600.0, 5701.0, 5293.0, 5570.0, 5588.0, 5337.0, 5505.0, 5358.0, 5591.0, 5302.0, 5585.0, 5545.0, 5475.0, 5413.0, 5406.0, 5419.0, 5325.0, 5522.0, 5583.0, 5301.0, 5636.0, 5423.0, 5394.0, 5260.0, 5334.0, 5483.0, 5697.0, 5639.0, 5497.0, 5415.0, 5690.0 (number of hits: 13)
24	5530	9	1	333	1	5472.0, 5707.0, 5263.0, 5373.0, 5705.0, 5420.0, 5584.0, 5474.0, 5313.0, 5435.0, 5581.0, 5693.0, 5287.0, 5565.0, 5369.0, 5534.0, 5612.0, 5265.0, 5591.0, 5266.0, 5401.0, 5667.0, 5298.0, 5321.0, 5527.0, 5630.0, 5718.0, 5679.0, 5342.0, 5486.0, 5320.0, 5417.0, 5468.0, 5292.0, 5421.0, 5405.0, 5461.0, 5349.0, 5506.0, 5475.0, 5412.0, 5493.0, 5432.0, 5300.0, 5646.0, 5629.0, 5347.0, 5572.0, 5675.0, 5558.0, 5330.0, 5539.0, 5660.0, 5384.0, 5604.0, 5332.0, 5694.0, 5605.0, 5697.0, 5463.0, 5623.0, 5424.0, 5598.0, 5671.0, 5557.0, 5267.0, 5651.0, 5333.0, 5279.0, 5699.0, 5614.0, 5627.0, 5638.0, 5319.0, 5397.0, 5594.0, 5337.0, 5500.0, 5255.0, 5508.0, 5355.0, 5687.0, 5305.0, 5607.0, 5406.0, 5567.0, 5695.0, 5467.0, 5677.0, 5662.0, 5433.0, 5643.0, 5723.0, 5560.0, 5442.0, 5385.0, 5302.0, 5446.0, 5381.0, 5653.0 (number of hits: 12)
25	5530	9	1	333	1	5282.0, 5471.0, 5372.0, 5573.0, 5626.0, 5294.0, 5475.0, 5390.0, 5313.0, 5459.0, 5326.0, 5281.0, 5710.0, 5567.0, 5268.0, 5596.0, 5474.0, 5476.0, 5332.0, 5338.0, 5538.0, 5357.0, 5631.0, 5700.0, 5441.0, 5583.0, 5512.0, 5602.0, 5560.0, 5711.0, 5648.0, 5417.0, 5593.0, 5299.0, 5274.0, 5346.0, 5312.0, 5713.0, 5490.0, 5272.0, 5273.0, 5355.0, 5577.0, 5588.0, 5324.0, 5448.0, 5387.0, 5451.0, 5539.0, 5397.0, 5586.0, 5365.0, 5603.0, 5562.0, 5499.0, 5712.0, 5380.0, 5642.0, 5255.0, 5343.0, 5589.0, 5681.0, 5693.0, 5481.0, 5388.0, 5559.0, 5251.0, 5421.0, 5431.0, 5557.0, 5489.0, 5552.0, 5498.0, 5620.0, 5370.0, 5366.0, 5458.0, 5447.0, 5591.0, 5287.0, 5347.0, 5269.0, 5501.0, 5463.0, 5250.0, 5500.0, 5420.0, 5655.0, 5445.0, 5717.0, 5529.0, 5570.0, 5275.0, 5554.0, 5608.0, 5530.0, 5321.0, 5546.0, 5690.0, 5705.0 (number of hits: 18)

26	5530	9	1	333	1	5334.0, 5271.0, 5540.0, 5436.0, 5272.0, 5318.0, 5425.0, 5631.0, 5577.0, 5351.0, 5519.0, 5469.0, 5634.0, 5348.0, 5480.0, 5659.0, 5478.0, 5487.0, 5584.0, 5536.0, 5502.0, 5367.0, 5586.0, 5324.0, 5406.0, 5603.0, 5373.0, 5525.0, 5620.0, 5277.0, 5395.0, 5435.0, 5488.0, 5437.0, 5636.0, 5549.0, 5671.0, 5498.0, 5666.0, 5582.0, 5497.0, 5517.0, 5403.0, 5718.0, 5568.0, 5355.0, 5315.0, 5255.0, 5397.0, 5501.0, 5669.0, 5374.0, 5635.0, 5612.0, 5382.0, 5563.0, 5368.0, 5350.0, 5566.0, 5429.0, 5261.0, 5523.0, 5500.0, 5693.0, 5444.0, 5254.0, 5421.0, 5415.0, 5270.0, 5269.0, 5308.0, 5661.0, 5709.0, 5468.0, 5343.0, 5462.0, 5692.0, 5680.0, 5516.0, 5453.0, 5362.0, 5569.0, 5258.0, 5440.0, 5662.0, 5717.0, 5339.0, 5353.0, 5477.0, 5250.0, 5335.0, 5499.0, 5611.0, 5357.0, 5282.0, 5591.0, 5377.0, 5537.0, 5695.0, 5721.0 (number of hits: 19)
27	5530	9	1	333	1	5316.0, 5713.0, 5376.0, 5310.0, 5642.0, 5649.0, 5377.0, 5434.0, 5690.0, 5336.0, 5545.0, 5626.0, 5330.0, 5600.0, 5575.0, 5386.0, 5277.0, 5401.0, 5619.0, 5680.0, 5530.0, 5618.0, 5264.0, 5393.0, 5411.0, 5263.0, 5495.0, 5287.0, 5657.0, 5534.0, 5707.0, 5700.0, 5398.0, 5356.0, 5478.0, 5587.0, 5472.0, 5515.0, 5413.0, 5361.0, 5647.0, 5529.0, 5541.0, 5466.0, 5324.0, 5486.0, 5721.0, 5438.0, 5710.0, 5650.0, 5503.0, 5588.0, 5562.0, 5392.0, 5595.0, 5563.0, 5514.0, 5379.0, 5561.0, 5614.0, 5656.0, 5479.0, 5368.0, 5320.0, 5512.0, 5596.0, 5631.0, 5579.0, 5606.0, 5496.0, 5292.0, 5666.0, 5638.0, 5427.0, 5547.0, 5253.0, 5591.0, 5258.0, 5425.0, 5597.0, 5326.0, 5569.0, 5327.0, 5267.0, 5419.0, 5599.0, 5568.0, 5470.0, 5366.0, 5323.0, 5256.0, 5462.0, 5611.0, 5312.0, 5332.0, 5546.0, 5307.0, 5467.0, 5687.0, 5708.0 (number of hits: 18)
28	5530	9	1	333	1	5285.0, 5570.0, 5533.0, 5324.0, 5589.0, 5574.0, 5414.0, 5637.0, 5616.0, 5345.0, 5576.0, 5264.0, 5438.0, 5263.0, 5705.0, 5310.0, 5522.0, 5482.0, 5450.0, 5259.0, 5695.0, 5563.0, 5588.0, 5403.0, 5449.0, 5665.0, 5724.0, 5621.0, 5317.0, 5499.0, 5441.0, 5483.0, 5486.0, 5294.0, 5274.0, 5617.0, 5351.0, 5663.0, 5614.0, 5519.0, 5362.0, 5525.0, 5661.0, 5427.0, 5715.0, 5460.0, 5515.0, 5702.0, 5401.0, 5473.0, 5451.0, 5671.0, 5564.0, 5391.0, 5308.0, 5477.0, 5596.0, 5640.0, 5485.0, 5677.0, 5281.0, 5372.0, 5488.0, 5361.0, 5704.0, 5265.0, 5487.0, 5669.0, 5660.0, 5531.0, 5376.0, 5319.0, 5694.0, 5356.0, 5261.0, 5502.0, 5353.0, 5646.0, 5507.0, 5333.0, 5688.0, 5433.0, 5432.0, 5680.0, 5721.0,

						5692.0, 5262.0, 5386.0, 5551.0, 5689.0, 5536.0, 5627.0, 5628.0, 5273.0, 5579.0, 5600.0, 5601.0, 5286.0, 5649.0, 5394.0 (number of hits: 13)
29	5530	9	1	333	1	5326.0, 5399.0, 5417.0, 5506.0, 5373.0, 5540.0, 5310.0, 5362.0, 5272.0, 5590.0, 5490.0, 5522.0, 5350.0, 5384.0, 5671.0, 5598.0, 5267.0, 5508.0, 5445.0, 5482.0, 5480.0, 5319.0, 5387.0, 5351.0, 5481.0, 5469.0, 5717.0, 5394.0, 5706.0, 5723.0, 5585.0, 5298.0, 5443.0, 5679.0, 5425.0, 5538.0, 5605.0, 5614.0, 5437.0, 5371.0, 5341.0, 5472.0, 5493.0, 5692.0, 5410.0, 5458.0, 5653.0, 5257.0, 5613.0, 5606.0, 5565.0, 5501.0, 5393.0, 5654.0, 5376.0, 5398.0, 5268.0, 5663.0, 5676.0, 5574.0, 5576.0, 5295.0, 5548.0, 5309.0, 5722.0, 5629.0, 5532.0, 5620.0, 5675.0, 5594.0, 5715.0, 5316.0, 5580.0, 5687.0, 5652.0, 5556.0, 5474.0, 5450.0, 5591.0, 5478.0, 5430.0, 5661.0, 5543.0, 5632.0, 5511.0, 5483.0, 5439.0, 5695.0, 5530.0, 5352.0, 5534.0, 5516.0, 5626.0, 5660.0, 5641.0, 5555.0, 5470.0, 5531.0, 5358.0, 5339.0 (number of hits: 19)
30	5530	9	1	333	1	5704.0, 5316.0, 5304.0, 5671.0, 5273.0, 5721.0, 5586.0, 5579.0, 5581.0, 5512.0, 5320.0, 5425.0, 5626.0, 5311.0, 5592.0, 5508.0, 5573.0, 5310.0, 5640.0, 5263.0, 5292.0, 5525.0, 5472.0, 5599.0, 5331.0, 5558.0, 5374.0, 5522.0, 5314.0, 5464.0, 5460.0, 5706.0, 5295.0, 5397.0, 5713.0, 5288.0, 5406.0, 5480.0, 5644.0, 5565.0, 5340.0, 5654.0, 5428.0, 5712.0, 5296.0, 5560.0, 5432.0, 5442.0, 5369.0, 5666.0, 5420.0, 5649.0, 5486.0, 5705.0, 5269.0, 5462.0, 5682.0, 5429.0, 5470.0, 5621.0, 5557.0, 5533.0, 5497.0, 5482.0, 5609.0, 5255.0, 5580.0, 5468.0, 5502.0, 5306.0, 5665.0, 5715.0, 5293.0, 5407.0, 5598.0, 5350.0, 5282.0, 5677.0, 5444.0, 5534.0, 5523.0, 5503.0, 5562.0, 5575.0, 5517.0, 5554.0, 5368.0, 5398.0, 5583.0, 5297.0, 5283.0, 5491.0, 5417.0, 5615.0, 5478.0, 5506.0, 5435.0, 5545.0, 5266.0, 5708.0 (number of hits: 20)

Fortinet Operating System

5260 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	83.3 %	60%	Pass
Aggregate (Type1 to 4)	120	92.5 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Fortinet Operating System

5260 MHz, 20 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5260	102	1	518	1
2	5260	72	1	738	1
3	5260	89	1	598	1
4	5260	58	1	918	1
5	5260	59	1	898	1
6	5260	83	1	638	1
7	5260	76	1	698	1
8	5260	61	1	878	1
9	5260	68	1	778	1
10	5260	95	1	558	1
11	5260	78	1	678	1
12	5260	99	1	538	1
13	5260	63	1	838	1
14	5260	86	1	618	1
15	5260	62	1	858	1
16	5260	22	1	2476	1
17	5260	21	1	2519	1
18	5260	98	1	544	1
19	5260	20	1	2710	1
20	5260	18	1	3042	1
21	5260	22	1	2425	1
22	5260	35	1	1526	1
23	5260	34	1	1598	1
24	5260	24	1	2231	1
25	5260	20	1	2730	1
26	5260	33	1	1627	1
27	5260	24	1	2227	1
28	5260	23	1	2322	1
29	5260	60	1	882	1
30	5260	27	1	1988	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5260	28	3.9	212	1
2	5260	24	3.3	199	1
3	5260	23	1	174	1
4	5260	24	4.4	209	1
5	5260	23	1.6	210	1
6	5260	26	2.3	201	1
7	5260	23	3.5	161	1
8	5260	23	4.8	180	1
9	5260	23	3.4	207	1
10	5260	24	1.3	174	1
11	5260	24	1.1	196	1
12	5260	27	1.5	197	1
13	5260	27	4.9	182	1
14	5260	28	1.2	189	1
15	5260	24	1.3	209	1
16	5260	26	4.6	211	1
17	5260	24	1.1	212	1
18	5260	28	4.5	163	1
19	5260	24	4.8	156	1
20	5260	23	1.2	155	1
21	5260	27	2.5	207	1
22	5260	25	1.4	218	1
23	5260	25	4.6	178	1
24	5260	26	3.6	177	1
25	5260	24	2.5	182	1
26	5260	28	1.3	172	1
27	5260	23	2.8	181	1
28	5260	27	3.5	176	1
29	5260	23	2.7	167	1
30	5260	25	2.5	185	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5260	16	6.5	489	0
2	5260	18	9.5	430	1
3	5260	18	8.6	385	1
4	5260	17	6.6	211	1
5	5260	17	7	442	1
6	5260	16	6.7	301	0
7	5260	18	9.9	334	1
8	5260	16	6.5	262	1
9	5260	17	9	333	1
10	5260	18	10	415	1
11	5260	17	9.3	439	0
12	5260	17	7	416	1
13	5260	18	7.4	432	1
14	5260	18	6.3	388	1
15	5260	18	7.2	479	1
16	5260	16	8.6	212	1
17	5260	18	6.8	483	1
18	5260	18	6.2	371	1
19	5260	17	8.5	467	0
20	5260	16	8.6	249	1
21	5260	16	6.2	298	1
22	5260	17	6.1	290	1
23	5260	16	9.3	238	1
24	5260	16	9.4	301	1
25	5260	16	8.5	425	1
26	5260	16	7.8	466	1
27	5260	18	7.2	289	1
28	5260	16	6.1	388	1
29	5260	17	6.8	209	1
30	5260	17	8.7	268	1
Detection Percentage: 86.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5260	13	13.1	248	1
2	5260	15	17	256	1
3	5260	14	14.5	431	1
4	5260	12	18.8	428	0
5	5260	16	11.8	253	1
6	5260	15	13.3	392	1
7	5260	15	14.4	484	1
8	5260	15	17.9	444	1
9	5260	12	19.6	348	0
10	5260	16	14.7	348	1
11	5260	14	18.9	406	0
12	5260	13	18.7	211	0
13	5260	12	15.4	238	1
14	5260	16	17.7	383	1
15	5260	15	12.5	459	1
16	5260	15	15.9	422	1
17	5260	15	13.6	429	1
18	5260	14	18.4	487	1
19	5260	12	13	219	1
20	5260	13	18.2	389	1
21	5260	16	17.7	467	1
22	5260	16	11.8	303	1
23	5260	13	17.4	422	1
24	5260	16	16.9	417	1
25	5260	16	13.7	468	1
26	5260	13	15.5	234	1
27	5260	12	12.4	222	1
28	5260	15	19.9	489	0
29	5260	13	13.3	280	1
30	5260	13	17.7	272	1
Detection Percentage: 83.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5260	1
2	5260	1
3	5260	1
4	5260	1
5	5260	1
6	5260	1
7	5260	1
8	5260	1
9	5260	1
10	5260	1
11	5256.4	1
12	5252.8	1
13	5256.0	1
14	5258.0	1
15	5252.8	1
16	5253.2	1
17	5254.4	1
18	5252.8	1
19	5254.0	1
20	5252.4	1
21	5266.4	1
22	5267.2	1
23	5265.6	1
24	5262.4	1
25	5265.6	1
26	5262.8	1
27	5262.8	1
28	5264.8	1
29	5263.6	1
30	5267.2	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	71.2	1311	1865	0.418655	
1	1	9	82.8			0.930039	
2	2	9	81.6	1522		1.460758	
3	1	9	51.3			2.061733	
4	2	9	58.1	1692		3.209984	
5	2	9	56.8	1033		3.97333	
6	1	9	95.3			4.657958	
7	1	9	96.4			4.960192	
8	2	9	62.2	1364		5.578663	
9	2	9	52.7	1853		6.603746	1
10	3	9	52.8	1752	1432	7.081278	
11	3	9	50.1	1628	1828	7.813403	
12	2	9	93.1	1185		8.317908	
13	1	9	83.9			8.80444	
14	1	9	83.9			9.826132	
15	3	9	51.7	1714	1596	10.59868	
16	1	9	55			10.818612	
17	1	9	64.4			11.51906	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	70.9	1141	1275	0.870157	
1	3	13	74.3	1976	1728	1.770677	
2	2	13	67.3	1430		2.233604	
3	2	13	56.5	1506		4.014884	
4	2	13	52.8	1401		4.50395	
5	3	13	87.9	1301	1155	5.467534	1
6	1	13	90.3			7.522288	
7	3	13	69.2	1053	1306	7.689247	
8	1	13	89.3			8.769091	
9	3	13	97.8	1407	1830	9.940584	
10	2	13	92.2	1869		11.392432	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	69.9	1144		0.246721	
1	3	10	98.3	1100	1256	0.962485	
2	3	10	96.6	1110	1333	1.473682	
3	1	10	99			1.929571	
4	2	10	69.2	1867		2.781251	
5	3	10	74	1217	1363	3.578349	
6	2	10	83.1	1402		4.019746	
7	1	10	55.8			4.214224	
8	2	10	52	1478		5.001009	
9	2	10	81	1452		5.525263	
10	2	10	57.3	1944		6.533613	1
11	1	10	62.7			6.889924	
12	2	10	71.8	1992		7.770796	
13	2	10	62.2	1248		8.379251	
14	2	10	61.9	1534		8.861498	
15	2	10	99	1997		9.576289	
16	3	10	94.2	1872	1444	9.983349	
17	2	10	98.7	1194		10.579951	
18	3	10	72.1	1872	1088	11.327538	
19	3	10	58.6	1304	1025	11.732844	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	81			0.327408	
1	2	6	77	1933		1.039512	
2	2	6	72.9	1934		1.853824	
3	1	6	92.9			2.357199	
4	1	6	88.2			3.065633	
5	1	6	90			4.103928	
6	1	6	86.2			4.317086	
7	3	6	92	1753	1264	5.485302	
8	2	6	60.5	1402		6.109809	1
9	2	6	91.8	1222		7.038186	
10	2	6	53.5	1495		7.376833	
11	1	6	85.2			7.813634	
12	2	6	92.9	1745		8.776317	
13	2	6	93.4	1745		9.661725	
14	3	6	88.2	1131	1650	10.031999	
15	1	6	69.2			10.97928	
16	3	6	82.5	1885	1503	11.954591	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	78	1994			
1	1	8	92.7				
2	2	8	89.9	1900			
3	2	8	76.6	1594			
4	2	8	94	1301			
5	1	8	94.9				
6	2	8	56	1375			
7	2	8	80	1597			
8	2	8	73.4	1925			1
9	1	8	52.9				
10	3	8	64.7	1488	1419		
11	2	8	98.3	1114			
12	3	8	71.1	1565	1664		
13	2	8	97.1	1951			
14	2	8	63.5	1809			
15	2	8	75.5	1662			

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	64.6			0.483783	
1	2	6	88.3	1763		1.205137	
2	3	6	64.6	1986	1517	2.563459	
3	1	6	56.7			3.469602	
4	2	6	53.2	1957		5.080434	
5	1	6	54.3			5.599301	1
6	3	6	57.2	1116	1177	6.867333	
7	2	6	83.4	1747		7.648458	
8	2	6	91.6	1021		9.114033	
9	3	6	52.9	1349	1588	10.311393	
10	2	6	68.2	1182		11.734773	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	99.3	1647	1870	0.273939	
1	1	6	58.1			1.401837	
2	3	6	59.6	1676	1982	1.713416	
3	2	6	59.8	1675		2.843275	
4	3	6	75.8	1965	1030	3.696081	
5	2	6	54.5	1935		3.870656	
6	1	6	97.2			4.700759	
7	2	6	77.8	1211		5.654752	
8	2	6	66.5	1609		6.689867	1
9	2	6	73.8	1734		7.417315	
10	2	6	60.9	1815		7.679775	
11	2	6	65.7	1324		8.567378	
12	3	6	83.8	1285	1807	9.583026	
13	2	6	74.6	1899		10.476891	
14	1	6	89.6			11.239824	
15	2	6	55.3	1860		11.690699	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	58.7			0.414555	
1	1	7	69.8			1.130145	
2	2	7	97.7	1383		2.147356	
3	1	7	69.1			2.815059	
4	1	7	64.2			3.680377	
5	3	7	89.4	1374	1390	4.319294	
6	2	7	81.8	1284		5.659729	
7	2	7	57.4	1911		6.337599	1
8	2	7	92.3	1054		7.461064	
9	2	7	90.3	1589		7.727102	
10	3	7	79.9	1343	1829	9.081206	
11	2	7	92.5	1882		10.182761	
12	3	7	76.2	1638	1760	10.470379	
13	2	7	92.5	1590		11.994467	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	97.8			0.191764	
1	3	7	77.4	1635	1224	1.006587	
2	2	7	50.5	1176		2.048498	
3	2	7	61.1	1381		3.656829	
4	1	7	71.5			4.4806	
5	2	7	74.3	1431		4.654381	
6	2	7	69.5	1992		5.645015	1
7	3	7	71.1	1128	1293	6.555353	
8	2	7	78.1	1774		7.735346	
9	2	7	74.7	1638		8.365216	
10	2	7	66.6	1659		9.840028	
11	1	7	82.2			10.359106	
12	2	7	85.3	1753		11.571933	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	88.4	1825		0.187012	
1	3	14	63.5	1852	1037	1.242443	
2	2	14	62.8	1668		1.689424	
3	2	14	83.1	1576		1.989218	
4	2	14	72	1444		2.849951	
5	1	14	63.8			3.675791	
6	3	14	86.4	1954	1764	3.80153	
7	2	14	86.2	1170		4.542569	
8	1	14	64			5.380257	
9	2	14	80.6	1531		6.190322	1
10	2	14	76.1	1811		6.342376	
11	3	14	85.3	1407	1152	7.26224	
12	3	14	61.9	1160	1310	7.875457	
13	3	14	79.9	1663	1030	8.499441	
14	2	14	71.7	1717		9.344245	
15	1	14	96			9.678148	
16	1	14	62.5			10.637918	
17	1	14	88.3			10.776667	
18	2	14	92.3	1080		11.495388	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	53.4	1632	1062	0.484906	
1	1	16	99.1			1.568333	
2	3	16	54.8	1216	1551	2.825501	
3	2	16	57.5	1732		3.73602	
4	2	16	94.3	1718		5.059221	
5	2	16	59.3	1327		7.122413	1
6	2	16	80.1	1527		7.587678	
7	3	16	69.6	1105	1988	9.02848	
8	2	16	57.5	1667		10.096543	
9	1	16	90.1			11.113776	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	80.2	1803	1380	0.008458	
1	2	7	73.5	1420		0.83206	
2	3	7	75.3	1004	1878	2.171836	
3	2	7	81.7	1191		2.786314	
4	2	7	94.5	1288		3.598284	
5	2	7	60.9	1325		4.670386	
6	3	7	86.6	1840	1633	4.878697	
7	1	7	89.1			6.039377	1
8	3	7	81.3	1895	1706	6.962545	
9	2	7	92.4	1039		7.309317	
10	2	7	99.7	1417		8.603768	
11	1	7	62.5			8.996761	
12	2	7	92.8	1267		10.314569	
13	3	7	74	1976	1373	10.435217	
14	1	7	97.3			11.306241	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	97.8	1663		0.160821	
1	3	15	97.4	1449	1027	1.141262	
2	1	15	69.4			2.038048	
3	2	15	66.4	1742		2.659638	
4	2	15	60.5	1491		3.650875	
5	1	15	99.9			4.335175	
6	3	15	65.8	1284	1100	4.950341	
7	2	15	74.1	1362		5.865127	
8	2	15	66.9	1700		6.145792	1
9	3	15	84.1	1330	1408	7.080181	
10	1	15	69.8			7.726911	
11	2	15	93.2	1045		8.39253	
12	1	15	72.1			9.254995	
13	2	15	58.1	1232		10.435983	
14	2	15	71.1	1894		11.133081	
15	2	15	100	1852		11.415518	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	61.8	1930		0.018214	
1	3	20	53.1	1445	1491	1.216822	
2	3	20	87.5	1090	1301	2.231346	
3	2	20	52.7	1364		3.72458	
4	2	20	82.3	1962		4.440027	
5	1	20	91.2			5.510913	1
6	2	20	90.6	1308		6.632778	
7	1	20	70.3			7.684455	
8	2	20	94.2	1292		8.479916	
9	2	20	87.7	1217		9.528556	
10	1	20	76.1			10.367675	
11	3	20	67.9	1952	1073	11.929281	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	74.3			0.421537	
1	2	7	52.2	1528		1.323848	
2	2	7	73.4	1869		3.232865	
3	2	7	56.7	1066		4.227789	
4	2	7	66.4	1977		4.944751	
5	3	7	66.3	1537	1880	6.620442	1
6	2	7	67.5	1422		8.02754	
7	2	7	80.5	1678		8.698888	
8	1	7	59.1			10.583776	
9	2	7	90.7	1058		11.470642	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	61.2			1.062831	
1	3	8	67.6	1349	1562	1.618074	
2	2	8	88.5	1797		3.910031	
3	2	8	77.8	1197		5.488363	1
4	3	8	53.2	1194	1239	6.25294	
5	2	8	98.9	1888		7.74766	
6	3	8	80.8	1139	1727	9.517257	
7	2	8	52.4	1909		10.616982	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	98.2	1229		0.492834	
1	2	11	70.6	1366		1.110839	
2	3	11	79.9	1474	1798	1.945965	
3	1	11	67.8			3.141546	
4	2	11	92.7	1639		3.55923	
5	3	11	92.2	1649	1491	5.030246	
6	1	11	83.2			5.450319	1
7	2	11	84.7	1326		6.364864	
8	2	11	79.1	1894		7.033519	
9	2	11	69.8	1305		8.082352	
10	1	11	76.7			8.943138	
11	2	11	95.1	1477		9.565791	
12	2	11	72.5	1092		10.524877	
13	2	11	65.2	1072		11.469313	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	80.3	1052	1170	0.24303	
1	3	7	61.6	1159	1618	1.856539	
2	3	7	64.1	1512	1373	2.923624	
3	2	7	76.9	1219		3.829311	
4	2	7	62.4	1472		4.097792	
5	1	7	90.2			5.23571	1
6	3	7	93.4	1796	1132	6.769249	
7	1	7	85.4			7.881607	
8	2	7	94	1065		8.832352	
9	2	7	75.2	1575		9.743894	
10	2	7	73.5	1102		10.587841	
11	2	7	94.5	1945		11.361567	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	72.9	1618		0.328225	
1	3	10	62.2	1931	1675	2.704817	
2	1	10	54.2			4.418192	
3	2	10	55.9	1663		4.668477	
4	2	10	61.8	1686		6.921724	1
5	3	10	74.5	1576	1539	8.793798	
6	2	10	69.5	1950		9.739292	
7	2	10	56.9	1007		11.971631	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	60.4	1707	1259	0.48096	
1	1	6	98			1.242601	
2	2	6	94.7	1994		3.15992	
3	3	6	90.2	1923	1459	3.85757	
4	2	6	97.6	1775		5.055143	1
5	1	6	96.8			6.749751	
6	1	6	77.7			7.559846	
7	1	6	65.5			9.094456	
8	2	6	56.3	1199		10.346795	
9	3	6	56.8	1437	1600	10.835966	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	54.8			0.8979	
1	2	9	93	1151		1.209912	
2	3	9	68.5	1941	1258	2.421133	
3	1	9	97.8			4.086024	
4	3	9	98.4	1137	1032	4.900915	1
5	1	9	87.8			7.014072	
6	2	9	96.9	1973		7.742277	
7	2	9	84.2	1237		8.725938	
8	3	9	76.4	1791	1086	10.545204	
9	2	9	80.2	1430		11.629661	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	73.5	1678		1.436328	
1	1	7	67.3			1.778158	
2	2	7	68.6	1806		3.794587	
3	3	7	57.7	1675	1258	5.114509	1
4	2	7	51.8	1271		6.076457	
5	1	7	59			8.406388	
6	2	7	68.9	1470		10.32708	
7	2	7	78.1	1631		11.172312	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	81.4			0.330627	
1	2	11	66.9	1944		1.597271	
2	2	11	96.7	1477		3.072155	
3	2	11	50.3	1335		4.600975	
4	3	11	77.6	1570	1240	6.03845	1
5	2	11	76.6	1181		7.899581	
6	3	11	66.8	1619	1026	8.196505	
7	3	11	54.8	1210	1614	9.591999	
8	2	11	98.8	1976		10.818166	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	66.8			0.103135	
1	1	19	85.6			1.044675	
2	2	19	85.4	1039		1.995654	
3	1	19	87.9			2.529333	
4	2	19	85.9	1768		3.583658	
5	2	19	99.6	1217		3.933031	
6	3	19	64.3	1285	1836	4.986115	
7	2	19	84.8	1402		5.822196	
8	2	19	92.3	1967		6.546624	
9	3	19	85.7	1883	1303	7.18188	1
10	2	19	64.7	1875		8.0362	
11	2	19	98.1	1035		8.712735	
12	2	19	51.3	1744		9.567068	
13	3	19	72.2	1196	1375	10.372174	
14	3	19	72.8	1445	1498	11.194707	
15	2	19	94.4	1736		11.332706	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	82.5			0.109635	
1	2	11	82.1	1963		0.959648	
2	2	11	61.9	1840		1.886622	
3	2	11	82.3	1433		2.282245	
4	2	11	79.5	1708		2.983851	
5	3	11	90.3	1582	1338	4.143584	
6	2	11	98.2	1712		4.553341	
7	2	11	73.9	1599		5.373192	
8	1	11	74.1			6.27726	1
9	1	11	66.8			6.756395	
10	3	11	76.2	1946	1394	7.132234	
11	3	11	86.3	1473	1288	7.800697	
12	1	11	52.6			9.054146	
13	2	11	56.5	1319		9.637593	
14	2	11	71.6	1103		10.320339	
15	2	11	53.9	1824		10.819969	
16	2	11	74.8	1273		11.854006	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	85.9	1164	1674	0.53873	
1	3	18	84	1092	1692	1.968643	
2	1	18	98.4			2.342001	
3	1	18	68.8			3.894608	
4	2	18	96.1	1180		4.992935	
5	2	18	60	1636		5.948179	1
6	2	18	56.9	1899		6.760187	
7	2	18	91.4	1927		7.919554	
8	3	18	56.4	1109	1419	9.60824	
9	3	18	55	1330	1928	10.780944	
10	2	18	94	1393		11.57542	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	61			0.380487	
1	1	18	91.3			1.325488	
2	1	18	57			2.501839	
3	1	18	52.6			3.078782	
4	1	18	80.7			4.017387	
5	2	18	65.5	1374		4.409478	
6	2	18	53.6	1287		5.592174	
7	1	18	87.5			6.696209	1
8	2	18	73.1	1449		7.356656	
9	2	18	54.8	1593		7.736314	
10	1	18	78.7			8.934883	
11	1	18	94.9			9.516409	
12	2	18	85.3	1029		11.067324	
13	1	18	53.1			11.827221	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	69.8	1912	1306	0.617245	
1	3	13	91.3	1899	1735	1.407891	
2	2	13	66.4	1748		2.073842	
3	3	13	58.1	1351	1377	2.577729	
4	3	13	72.1	1659	1902	3.325418	
5	2	13	54.6	1318		4.343609	
6	2	13	86.2	1010		4.691817	
7	2	13	81.3	1422		5.886658	
8	2	13	58.9	1818		6.658216	1
9	2	13	80.6	1582		7.256532	
10	1	13	97.6			7.675343	
11	1	13	74.9			8.343828	
12	1	13	79.2			9.370998	
13	3	13	59.1	1356	1647	10.068852	
14	2	13	57	1671		10.832634	
15	2	13	63.2	1365		11.809505	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	73	1715	1241	0.272836	
1	2	16	91.8	1071		0.848033	
2	1	16	55			2.211508	
3	2	16	54.6	1140		2.333642	
4	2	16	95.9	1283		3.745143	
5	2	16	92.1	1068		4.21454	
6	3	16	66.4	1103	1183	5.122802	
7	2	16	68.7	1193		5.896811	1
8	2	16	84	1138		6.243721	
9	3	16	67	1160	1780	7.204629	
10	2	16	60.2	1134		7.544475	
11	3	16	77.2	1383	1399	8.841687	
12	3	16	70.5	1820	1353	9.594261	
13	1	16	52.1			10.206291	
14	1	16	55.4			10.625983	
15	3	16	77.4	2000	1605	11.731833	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	59	1970	1666	1.124929	
1	1	7	82.5			1.794947	
2	3	7	90.7	1060	1917	3.200238	
3	2	7	63.3	1082		4.883503	
4	3	7	72	1920	1974	5.482531	1
5	2	7	52.5	1009		7.434593	
6	3	7	87.5	1685	1128	8.964199	
7	2	7	94.6	1241		9.931079	
8	2	7	81.9	1443		11.835277	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5260	9	1	333	1	5598.0, 5715.0, 5487.0, 5687.0, 5563.0, 5309.0, 5394.0, 5481.0, 5608.0, 5343.0, 5315.0, 5264.0, 5544.0, 5276.0, 5564.0, 5499.0, 5302.0, 5366.0, 5603.0, 5708.0, 5573.0, 5523.0, 5625.0, 5397.0, 5454.0, 5560.0, 5594.0, 5459.0, 5654.0, 5338.0, 5299.0, 5331.0, 5581.0, 5455.0, 5291.0, 5711.0, 5679.0, 5386.0, 5672.0, 5373.0, 5689.0, 5505.0, 5374.0, 5686.0, 5585.0, 5430.0, 5415.0, 5369.0, 5340.0, 5495.0, 5538.0, 5420.0, 5294.0, 5349.0, 5658.0, 5676.0, 5695.0, 5588.0, 5616.0, 5428.0, 5549.0, 5559.0, 5429.0, 5578.0, 5304.0, 5354.0, 5641.0, 5419.0, 5586.0, 5356.0, 5723.0, 5664.0, 5666.0, 5669.0, 5527.0, 5344.0, 5531.0, 5278.0, 5537.0, 5512.0, 5450.0, 5539.0, 5575.0, 5561.0, 5602.0, 5398.0, 5606.0, 5396.0, 5328.0, 5634.0, 5379.0, 5622.0, 5298.0, 5335.0, 5576.0, 5336.0, 5691.0, 5668.0, 5387.0, 5703.0 (number of hits: 1)
2	5260	9	1	333	1	5451.0, 5552.0, 5553.0, 5409.0, 5383.0, 5671.0, 5647.0, 5496.0, 5502.0, 5375.0, 5570.0, 5384.0, 5429.0, 5324.0, 5379.0, 5316.0, 5562.0, 5321.0, 5514.0, 5541.0, 5291.0, 5443.0, 5450.0, 5643.0, 5400.0, 5286.0, 5377.0, 5520.0, 5638.0, 5711.0, 5704.0, 5486.0, 5436.0, 5670.0, 5641.0, 5401.0, 5474.0, 5648.0, 5367.0, 5471.0, 5568.0, 5457.0, 5408.0, 5277.0, 5576.0, 5490.0, 5637.0, 5302.0, 5686.0, 5356.0, 5461.0, 5609.0, 5319.0, 5280.0, 5598.0, 5505.0, 5669.0, 5458.0, 5547.0, 5621.0, 5564.0, 5630.0, 5456.0, 5517.0, 5419.0, 5499.0, 5593.0, 5548.0, 5342.0, 5720.0, 5466.0, 5590.0, 5346.0, 5551.0, 5323.0, 5365.0, 5435.0, 5441.0, 5659.0, 5288.0, 5462.0, 5661.0, 5679.0, 5440.0, 5274.0, 5699.0, 5594.0, 5652.0, 5597.0, 5344.0, 5485.0, 5268.0, 5345.0, 5689.0, 5417.0, 5629.0, 5620.0, 5685.0, 5327.0, 5696.0 (number of hits: 1)
3	5260	9	1	333	1	5674.0, 5303.0, 5448.0, 5414.0, 5425.0, 5615.0, 5598.0, 5705.0, 5280.0, 5421.0, 5336.0, 5482.0, 5465.0, 5579.0, 5387.0, 5443.0, 5642.0, 5495.0, 5699.0, 5310.0, 5592.0, 5618.0, 5285.0, 5547.0, 5442.0, 5666.0, 5458.0, 5474.0, 5470.0, 5350.0, 5411.0, 5534.0, 5273.0, 5676.0, 5419.0, 5601.0, 5313.0, 5614.0, 5330.0, 5264.0, 5480.0, 5354.0, 5570.0, 5680.0, 5279.0, 5708.0, 5493.0, 5438.0, 5612.0, 5263.0, 5352.0, 5698.0, 5388.0, 5549.0, 5311.0,

						5554.0, 5611.0, 5402.0, 5353.0, 5454.0, 5257.0, 5427.0, 5477.0, 5531.0, 5363.0, 5295.0, 5520.0, 5529.0, 5452.0, 5507.0, 5587.0, 5314.0, 5497.0, 5413.0, 5431.0, 5502.0, 5346.0, 5631.0, 5539.0, 5469.0, 5382.0, 5535.0, 5599.0, 5481.0, 5307.0, 5624.0, 5460.0, 5329.0, 5407.0, 5325.0, 5713.0, 5595.0, 5262.0, 5643.0, 5657.0, 5523.0, 5704.0, 5491.0, 5267.0, 5669.0 (number of hits: 5)
4	5260	9	1	333	1	5529.0, 5568.0, 5322.0, 5648.0, 5414.0, 5652.0, 5716.0, 5294.0, 5288.0, 5606.0, 5574.0, 5644.0, 5634.0, 5674.0, 5369.0, 5705.0, 5289.0, 5378.0, 5662.0, 5578.0, 5512.0, 5688.0, 5417.0, 5278.0, 5426.0, 5329.0, 5665.0, 5424.0, 5387.0, 5600.0, 5413.0, 5572.0, 5338.0, 5565.0, 5346.0, 5699.0, 5489.0, 5522.0, 5557.0, 5718.0, 5391.0, 5406.0, 5382.0, 5383.0, 5639.0, 5631.0, 5642.0, 5506.0, 5496.0, 5427.0, 5368.0, 5252.0, 5593.0, 5440.0, 5297.0, 5654.0, 5315.0, 5452.0, 5372.0, 5432.0, 5455.0, 5483.0, 5616.0, 5581.0, 5655.0, 5715.0, 5286.0, 5351.0, 5500.0, 5695.0, 5518.0, 5514.0, 5392.0, 5299.0, 5307.0, 5374.0, 5340.0, 5304.0, 5528.0, 5577.0, 5702.0, 5636.0, 5282.0, 5407.0, 5650.0, 5411.0, 5422.0, 5441.0, 5649.0, 5533.0, 5319.0, 5376.0, 5563.0, 5594.0, 5675.0, 5560.0, 5714.0, 5677.0, 5269.0, 5704.0 (number of hits: 2)
5	5260	9	1	333	1	5352.0, 5477.0, 5351.0, 5677.0, 5316.0, 5657.0, 5715.0, 5587.0, 5631.0, 5331.0, 5466.0, 5443.0, 5308.0, 5452.0, 5438.0, 5567.0, 5363.0, 5307.0, 5627.0, 5274.0, 5377.0, 5359.0, 5277.0, 5325.0, 5561.0, 5338.0, 5656.0, 5405.0, 5372.0, 5258.0, 5642.0, 5263.0, 5286.0, 5481.0, 5294.0, 5716.0, 5336.0, 5269.0, 5620.0, 5347.0, 5523.0, 5577.0, 5492.0, 5427.0, 5362.0, 5321.0, 5686.0, 5519.0, 5640.0, 5676.0, 5485.0, 5588.0, 5717.0, 5426.0, 5257.0, 5441.0, 5583.0, 5603.0, 5398.0, 5380.0, 5341.0, 5357.0, 5413.0, 5586.0, 5444.0, 5623.0, 5703.0, 5394.0, 5406.0, 5550.0, 5397.0, 5300.0, 5636.0, 5647.0, 5613.0, 5661.0, 5373.0, 5615.0, 5682.0, 5691.0, 5354.0, 5553.0, 5562.0, 5422.0, 5569.0, 5375.0, 5555.0, 5326.0, 5275.0, 5596.0, 5662.0, 5360.0, 5333.0, 5653.0, 5436.0, 5559.0, 5568.0, 5683.0, 5536.0, 5684.0 (number of hits: 4)
6	5260	9	1	333	1	5270.0, 5584.0, 5714.0, 5397.0, 5302.0, 5271.0, 5720.0, 5437.0, 5262.0, 5372.0, 5309.0, 5493.0, 5350.0, 5355.0, 5652.0, 5291.0, 5710.0, 5340.0, 5288.0, 5429.0, 5337.0, 5523.0, 5310.0, 5381.0, 5654.0, 5593.0, 5396.0, 5303.0, 5329.0, 5431.0, 5579.0, 5394.0, 5295.0, 5433.0, 5618.0,

						5294.0, 5462.0, 5513.0, 5682.0, 5366.0, 5284.0, 5472.0, 5623.0, 5561.0, 5549.0, 5590.0, 5705.0, 5719.0, 5361.0, 5562.0, 5415.0, 5352.0, 5358.0, 5357.0, 5610.0, 5716.0, 5595.0, 5723.0, 5297.0, 5421.0, 5559.0, 5327.0, 5669.0, 5670.0, 5517.0, 5691.0, 5554.0, 5631.0, 5283.0, 5299.0, 5687.0, 5498.0, 5676.0, 5530.0, 5456.0, 5417.0, 5667.0, 5608.0, 5525.0, 5261.0, 5664.0, 5718.0, 5586.0, 5571.0, 5594.0, 5255.0, 5587.0, 5428.0, 5518.0, 5573.0, 5496.0, 5306.0, 5563.0, 5332.0, 5487.0, 5380.0, 5599.0, 5370.0, 5272.0, 5254.0 (number of hits: 4)
7	5260	9	1	333	1	5435.0, 5553.0, 5301.0, 5670.0, 5299.0, 5306.0, 5713.0, 5346.0, 5560.0, 5341.0, 5357.0, 5711.0, 5715.0, 5275.0, 5696.0, 5342.0, 5624.0, 5589.0, 5353.0, 5327.0, 5515.0, 5496.0, 5457.0, 5498.0, 5482.0, 5425.0, 5659.0, 5407.0, 5486.0, 5362.0, 5592.0, 5580.0, 5460.0, 5647.0, 5601.0, 5533.0, 5398.0, 5271.0, 5573.0, 5473.0, 5397.0, 5319.0, 5541.0, 5577.0, 5419.0, 5442.0, 5721.0, 5256.0, 5565.0, 5266.0, 5550.0, 5428.0, 5501.0, 5466.0, 5261.0, 5578.0, 5334.0, 5542.0, 5280.0, 5429.0, 5430.0, 5252.0, 5370.0, 5660.0, 5677.0, 5566.0, 5381.0, 5631.0, 5493.0, 5321.0, 5706.0, 5355.0, 5620.0, 5366.0, 5406.0, 5705.0, 5409.0, 5326.0, 5395.0, 5691.0, 5487.0, 5555.0, 5287.0, 5720.0, 5605.0, 5625.0, 5350.0, 5628.0, 5436.0, 5254.0, 5371.0, 5679.0, 5548.0, 5636.0, 5633.0, 5576.0, 5373.0, 5290.0, 5324.0, 5281.0 (number of hits: 5)
8	5260	9	1	333	1	5553.0, 5666.0, 5323.0, 5624.0, 5603.0, 5333.0, 5266.0, 5299.0, 5680.0, 5622.0, 5557.0, 5535.0, 5332.0, 5629.0, 5648.0, 5282.0, 5305.0, 5335.0, 5587.0, 5608.0, 5445.0, 5633.0, 5469.0, 5686.0, 5695.0, 5652.0, 5574.0, 5368.0, 5660.0, 5314.0, 5287.0, 5588.0, 5532.0, 5359.0, 5259.0, 5528.0, 5521.0, 5594.0, 5488.0, 5612.0, 5343.0, 5458.0, 5691.0, 5519.0, 5290.0, 5329.0, 5294.0, 5375.0, 5698.0, 5627.0, 5348.0, 5411.0, 5318.0, 5706.0, 5268.0, 5439.0, 5379.0, 5501.0, 5676.0, 5263.0, 5713.0, 5313.0, 5651.0, 5399.0, 5498.0, 5276.0, 5492.0, 5572.0, 5484.0, 5681.0, 5405.0, 5461.0, 5451.0, 5300.0, 5433.0, 5347.0, 5392.0, 5650.0, 5515.0, 5356.0, 5699.0, 5278.0, 5677.0, 5583.0, 5306.0, 5619.0, 5390.0, 5429.0, 5523.0, 5716.0, 5534.0, 5353.0, 5576.0, 5509.0, 5669.0, 5448.0, 5684.0, 5688.0, 5537.0, 5395.0 (number of hits: 4)
9	5260	9	1	333	1	5601.0, 5282.0, 5392.0, 5448.0, 5619.0, 5279.0, 5528.0, 5621.0, 5686.0, 5534.0, 5562.0, 5594.0, 5555.0, 5400.0, 5527.0,

						5584.0, 5681.0, 5702.0, 5694.0, 5553.0, 5478.0, 5518.0, 5487.0, 5379.0, 5533.0, 5356.0, 5267.0, 5350.0, 5723.0, 5467.0, 5593.0, 5489.0, 5347.0, 5660.0, 5315.0, 5680.0, 5596.0, 5317.0, 5657.0, 5522.0, 5612.0, 5549.0, 5322.0, 5595.0, 5683.0, 5605.0, 5592.0, 5722.0, 5677.0, 5508.0, 5434.0, 5319.0, 5630.0, 5258.0, 5327.0, 5303.0, 5682.0, 5464.0, 5662.0, 5620.0, 5580.0, 5666.0, 5573.0, 5445.0, 5699.0, 5288.0, 5670.0, 5700.0, 5308.0, 5334.0, 5271.0, 5471.0, 5446.0, 5509.0, 5382.0, 5326.0, 5414.0, 5668.0, 5535.0, 5458.0, 5337.0, 5606.0, 5480.0, 5703.0, 5369.0, 5563.0, 5460.0, 5387.0, 5265.0, 5357.0, 5558.0, 5655.0, 5475.0, 5344.0, 5523.0, 5401.0, 5442.0, 5561.0, 5411.0, 5635.0 (number of hits: 3)
10	5260	9	1	333	1	5362.0, 5484.0, 5608.0, 5564.0, 5374.0, 5445.0, 5393.0, 5394.0, 5577.0, 5304.0, 5451.0, 5342.0, 5291.0, 5357.0, 5336.0, 5624.0, 5718.0, 5549.0, 5505.0, 5315.0, 5707.0, 5547.0, 5422.0, 5432.0, 5643.0, 5321.0, 5358.0, 5464.0, 5426.0, 5591.0, 5501.0, 5403.0, 5448.0, 5439.0, 5355.0, 5329.0, 5641.0, 5462.0, 5652.0, 5492.0, 5634.0, 5566.0, 5628.0, 5460.0, 5675.0, 5385.0, 5264.0, 5521.0, 5611.0, 5659.0, 5596.0, 5427.0, 5487.0, 5326.0, 5617.0, 5327.0, 5298.0, 5251.0, 5482.0, 5407.0, 5395.0, 5542.0, 5491.0, 5486.0, 5286.0, 5488.0, 5262.0, 5678.0, 5345.0, 5343.0, 5540.0, 5290.0, 5545.0, 5272.0, 5690.0, 5328.0, 5696.0, 5259.0, 5647.0, 5519.0, 5673.0, 5680.0, 5717.0, 5538.0, 5700.0, 5534.0, 5392.0, 5287.0, 5364.0, 5337.0, 5280.0, 5420.0, 5368.0, 5688.0, 5265.0, 5269.0, 5313.0, 5380.0, 5695.0, 5689.0 (number of hits: 6)
11	5260	9	1	333	1	5479.0, 5276.0, 5304.0, 5623.0, 5399.0, 5500.0, 5379.0, 5419.0, 5694.0, 5357.0, 5568.0, 5418.0, 5281.0, 5638.0, 5420.0, 5544.0, 5594.0, 5483.0, 5434.0, 5342.0, 5688.0, 5615.0, 5374.0, 5465.0, 5671.0, 5402.0, 5369.0, 5316.0, 5349.0, 5532.0, 5400.0, 5610.0, 5711.0, 5504.0, 5608.0, 5256.0, 5255.0, 5348.0, 5353.0, 5488.0, 5554.0, 5639.0, 5274.0, 5466.0, 5384.0, 5459.0, 5497.0, 5498.0, 5446.0, 5695.0, 5396.0, 5685.0, 5533.0, 5636.0, 5251.0, 5463.0, 5421.0, 5514.0, 5609.0, 5313.0, 5291.0, 5461.0, 5260.0, 5486.0, 5524.0, 5665.0, 5462.0, 5708.0, 5618.0, 5332.0, 5358.0, 5428.0, 5587.0, 5475.0, 5513.0, 5722.0, 5551.0, 5547.0, 5303.0, 5538.0, 5663.0, 5378.0, 5627.0, 5575.0, 5718.0, 5607.0, 5578.0, 5389.0, 5390.0, 5672.0, 5455.0, 5441.0, 5495.0, 5714.0, 5582.0, 5555.0, 5520.0, 5683.0, 5661.0, 5271.0

						(number of hits: 4)
12	5260	9	1	333	1	5530.0, 5686.0, 5277.0, 5393.0, 5339.0, 5711.0, 5626.0, 5320.0, 5542.0, 5712.0, 5586.0, 5304.0, 5554.0, 5468.0, 5505.0, 5645.0, 5489.0, 5417.0, 5528.0, 5452.0, 5296.0, 5250.0, 5391.0, 5658.0, 5315.0, 5500.0, 5474.0, 5515.0, 5629.0, 5683.0, 5647.0, 5279.0, 5421.0, 5431.0, 5692.0, 5596.0, 5534.0, 5527.0, 5600.0, 5290.0, 5258.0, 5684.0, 5593.0, 5349.0, 5486.0, 5493.0, 5576.0, 5642.0, 5535.0, 5532.0, 5400.0, 5715.0, 5482.0, 5714.0, 5607.0, 5617.0, 5458.0, 5389.0, 5603.0, 5350.0, 5327.0, 5378.0, 5569.0, 5410.0, 5437.0, 5429.0, 5708.0, 5476.0, 5680.0, 5402.0, 5673.0, 5426.0, 5531.0, 5558.0, 5633.0, 5501.0, 5351.0, 5632.0, 5614.0, 5460.0, 5424.0, 5334.0, 5286.0, 5533.0, 5465.0, 5589.0, 5657.0, 5621.0, 5448.0, 5598.0, 5716.0, 5442.0, 5638.0, 5382.0, 5562.0, 5656.0, 5520.0, 5521.0, 5374.0, 5451.0
						(number of hits: 2)
13	5260	9	1	333	1	5610.0, 5266.0, 5718.0, 5616.0, 5577.0, 5714.0, 5454.0, 5723.0, 5596.0, 5635.0, 5608.0, 5612.0, 5312.0, 5605.0, 5526.0, 5250.0, 5554.0, 5594.0, 5387.0, 5414.0, 5341.0, 5446.0, 5711.0, 5475.0, 5617.0, 5381.0, 5378.0, 5503.0, 5380.0, 5444.0, 5556.0, 5569.0, 5252.0, 5398.0, 5301.0, 5401.0, 5424.0, 5717.0, 5306.0, 5626.0, 5362.0, 5567.0, 5483.0, 5525.0, 5702.0, 5563.0, 5676.0, 5545.0, 5423.0, 5261.0, 5441.0, 5300.0, 5706.0, 5399.0, 5629.0, 5307.0, 5259.0, 5443.0, 5434.0, 5285.0, 5309.0, 5618.0, 5495.0, 5272.0, 5256.0, 5448.0, 5388.0, 5709.0, 5343.0, 5681.0, 5326.0, 5347.0, 5599.0, 5283.0, 5308.0, 5383.0, 5379.0, 5664.0, 5655.0, 5607.0, 5356.0, 5657.0, 5624.0, 5496.0, 5311.0, 5455.0, 5597.0, 5520.0, 5613.0, 5552.0, 5586.0, 5680.0, 5408.0, 5428.0, 5551.0, 5615.0, 5707.0, 5367.0, 5400.0, 5413.0
						(number of hits: 6)
14	5260	9	1	333	1	5607.0, 5259.0, 5445.0, 5384.0, 5252.0, 5357.0, 5298.0, 5701.0, 5502.0, 5406.0, 5411.0, 5709.0, 5691.0, 5623.0, 5294.0, 5358.0, 5433.0, 5541.0, 5452.0, 5635.0, 5616.0, 5601.0, 5561.0, 5656.0, 5454.0, 5496.0, 5335.0, 5258.0, 5394.0, 5419.0, 5636.0, 5266.0, 5600.0, 5456.0, 5330.0, 5447.0, 5338.0, 5689.0, 5602.0, 5388.0, 5578.0, 5501.0, 5712.0, 5523.0, 5565.0, 5350.0, 5291.0, 5423.0, 5336.0, 5556.0, 5308.0, 5690.0, 5313.0, 5429.0, 5532.0, 5620.0, 5426.0, 5554.0, 5463.0, 5642.0, 5464.0, 5487.0, 5488.0, 5441.0, 5324.0, 5432.0, 5439.0, 5685.0, 5253.0, 5466.0, 5494.0, 5698.0, 5613.0, 5286.0, 5461.0, 5598.0, 5427.0, 5465.0, 5315.0, 5524.0,

						5362.0, 5509.0, 5485.0, 5697.0, 5477.0, 5462.0, 5542.0, 5512.0, 5272.0, 5531.0, 5497.0, 5351.0, 5270.0, 5428.0, 5702.0, 5377.0, 5553.0, 5692.0, 5505.0, 5641.0 (number of hits: 5)
15	5260	9	1	333	1	5288.0, 5378.0, 5425.0, 5449.0, 5309.0, 5613.0, 5491.0, 5280.0, 5418.0, 5589.0, 5528.0, 5585.0, 5465.0, 5519.0, 5508.0, 5290.0, 5262.0, 5502.0, 5583.0, 5711.0, 5549.0, 5302.0, 5625.0, 5509.0, 5591.0, 5322.0, 5574.0, 5514.0, 5324.0, 5586.0, 5602.0, 5627.0, 5659.0, 5546.0, 5601.0, 5346.0, 5695.0, 5337.0, 5492.0, 5708.0, 5478.0, 5282.0, 5265.0, 5437.0, 5336.0, 5527.0, 5365.0, 5698.0, 5259.0, 5719.0, 5444.0, 5689.0, 5362.0, 5654.0, 5680.0, 5252.0, 5568.0, 5387.0, 5487.0, 5673.0, 5557.0, 5710.0, 5353.0, 5408.0, 5656.0, 5312.0, 5620.0, 5389.0, 5693.0, 5650.0, 5284.0, 5559.0, 5530.0, 5405.0, 5679.0, 5496.0, 5453.0, 5269.0, 5356.0, 5381.0, 5460.0, 5459.0, 5633.0, 5430.0, 5311.0, 5598.0, 5615.0, 5397.0, 5424.0, 5458.0, 5364.0, 5571.0, 5605.0, 5270.0, 5566.0, 5272.0, 5720.0, 5592.0, 5315.0, 5722.0 (number of hits: 5)
16	5260	9	1	333	1	5535.0, 5301.0, 5367.0, 5711.0, 5485.0, 5546.0, 5400.0, 5360.0, 5406.0, 5620.0, 5526.0, 5448.0, 5399.0, 5324.0, 5368.0, 5656.0, 5666.0, 5618.0, 5453.0, 5364.0, 5700.0, 5569.0, 5277.0, 5378.0, 5644.0, 5383.0, 5689.0, 5594.0, 5575.0, 5391.0, 5380.0, 5320.0, 5462.0, 5262.0, 5664.0, 5416.0, 5548.0, 5600.0, 5671.0, 5488.0, 5614.0, 5258.0, 5694.0, 5281.0, 5342.0, 5374.0, 5530.0, 5509.0, 5319.0, 5290.0, 5401.0, 5626.0, 5477.0, 5339.0, 5288.0, 5570.0, 5417.0, 5696.0, 5433.0, 5266.0, 5418.0, 5454.0, 5327.0, 5428.0, 5467.0, 5683.0, 5720.0, 5355.0, 5305.0, 5555.0, 5613.0, 5274.0, 5490.0, 5392.0, 5282.0, 5710.0, 5312.0, 5628.0, 5536.0, 5641.0, 5255.0, 5309.0, 5444.0, 5542.0, 5287.0, 5469.0, 5532.0, 5415.0, 5460.0, 5280.0, 5335.0, 5329.0, 5553.0, 5365.0, 5544.0, 5586.0, 5317.0, 5447.0, 5534.0, 5531.0 (number of hits: 4)
17	5260	9	1	333	1	5448.0, 5331.0, 5347.0, 5691.0, 5572.0, 5477.0, 5407.0, 5512.0, 5519.0, 5535.0, 5558.0, 5303.0, 5529.0, 5291.0, 5517.0, 5549.0, 5363.0, 5439.0, 5418.0, 5257.0, 5312.0, 5515.0, 5459.0, 5684.0, 5381.0, 5462.0, 5279.0, 5547.0, 5595.0, 5652.0, 5581.0, 5526.0, 5546.0, 5326.0, 5580.0, 5343.0, 5651.0, 5667.0, 5509.0, 5585.0, 5342.0, 5646.0, 5349.0, 5383.0, 5442.0, 5601.0, 5311.0, 5295.0, 5432.0, 5390.0, 5584.0, 5672.0, 5481.0, 5317.0, 5341.0, 5553.0, 5696.0, 5372.0, 5644.0, 5474.0,

						5674.0, 5707.0, 5613.0, 5290.0, 5379.0, 5690.0, 5719.0, 5665.0, 5266.0, 5704.0, 5670.0, 5482.0, 5661.0, 5449.0, 5555.0, 5399.0, 5614.0, 5513.0, 5578.0, 5641.0, 5573.0, 5468.0, 5339.0, 5675.0, 5496.0, 5455.0, 5332.0, 5639.0, 5318.0, 5603.0, 5705.0, 5445.0, 5660.0, 5593.0, 5419.0, 5625.0, 5301.0, 5412.0, 5451.0, 5669.0 (number of hits: 2)
18	5260	9	1	333	1	5677.0, 5312.0, 5270.0, 5306.0, 5329.0, 5651.0, 5610.0, 5258.0, 5358.0, 5264.0, 5598.0, 5497.0, 5304.0, 5314.0, 5702.0, 5300.0, 5255.0, 5349.0, 5317.0, 5309.0, 5621.0, 5360.0, 5368.0, 5310.0, 5333.0, 5624.0, 5531.0, 5332.0, 5711.0, 5404.0, 5266.0, 5647.0, 5639.0, 5511.0, 5554.0, 5523.0, 5488.0, 5597.0, 5538.0, 5476.0, 5291.0, 5630.0, 5498.0, 5464.0, 5573.0, 5704.0, 5282.0, 5406.0, 5615.0, 5386.0, 5272.0, 5698.0, 5417.0, 5508.0, 5328.0, 5659.0, 5592.0, 5301.0, 5541.0, 5253.0, 5427.0, 5676.0, 5315.0, 5493.0, 5514.0, 5448.0, 5277.0, 5463.0, 5628.0, 5650.0, 5533.0, 5412.0, 5716.0, 5682.0, 5570.0, 5722.0, 5307.0, 5339.0, 5401.0, 5623.0, 5285.0, 5515.0, 5347.0, 5671.0, 5491.0, 5395.0, 5292.0, 5691.0, 5575.0, 5367.0, 5379.0, 5527.0, 5318.0, 5355.0, 5276.0, 5568.0, 5644.0, 5697.0, 5490.0, 5584.0 (number of hits: 5)
19	5260	9	1	333	1	5679.0, 5367.0, 5500.0, 5699.0, 5705.0, 5704.0, 5454.0, 5708.0, 5483.0, 5676.0, 5472.0, 5668.0, 5517.0, 5405.0, 5302.0, 5292.0, 5628.0, 5303.0, 5254.0, 5516.0, 5268.0, 5649.0, 5505.0, 5696.0, 5481.0, 5574.0, 5421.0, 5291.0, 5461.0, 5664.0, 5344.0, 5407.0, 5677.0, 5437.0, 5462.0, 5656.0, 5445.0, 5397.0, 5400.0, 5555.0, 5529.0, 5552.0, 5566.0, 5332.0, 5305.0, 5379.0, 5277.0, 5312.0, 5345.0, 5490.0, 5597.0, 5370.0, 5678.0, 5300.0, 5556.0, 5616.0, 5435.0, 5401.0, 5467.0, 5648.0, 5625.0, 5341.0, 5290.0, 5624.0, 5311.0, 5442.0, 5369.0, 5278.0, 5631.0, 5417.0, 5408.0, 5338.0, 5514.0, 5252.0, 5425.0, 5651.0, 5289.0, 5474.0, 5348.0, 5431.0, 5627.0, 5484.0, 5638.0, 5313.0, 5507.0, 5349.0, 5374.0, 5267.0, 5554.0, 5424.0, 5713.0, 5420.0, 5541.0, 5471.0, 5486.0, 5299.0, 5533.0, 5422.0, 5429.0, 5637.0 (number of hits: 4)
20	5260	9	1	333	1	5310.0, 5407.0, 5536.0, 5542.0, 5666.0, 5324.0, 5299.0, 5397.0, 5497.0, 5644.0, 5696.0, 5723.0, 5490.0, 5316.0, 5627.0, 5496.0, 5368.0, 5677.0, 5292.0, 5290.0, 5259.0, 5641.0, 5489.0, 5276.0, 5429.0, 5601.0, 5623.0, 5308.0, 5401.0, 5346.0, 5633.0, 5277.0, 5439.0, 5558.0, 5564.0, 5718.0, 5343.0, 5356.0, 5476.0, 5417.0,

						5625.0, 5689.0, 5684.0, 5708.0, 5669.0, 5620.0, 5270.0, 5458.0, 5298.0, 5410.0, 5282.0, 5464.0, 5409.0, 5284.0, 5532.0, 5386.0, 5680.0, 5621.0, 5288.0, 5494.0, 5454.0, 5507.0, 5267.0, 5688.0, 5715.0, 5482.0, 5362.0, 5281.0, 5719.0, 5504.0, 5710.0, 5709.0, 5466.0, 5382.0, 5442.0, 5462.0, 5393.0, 5619.0, 5643.0, 5556.0, 5678.0, 5561.0, 5351.0, 5502.0, 5578.0, 5683.0, 5527.0, 5399.0, 5500.0, 5263.0, 5360.0, 5253.0, 5713.0, 5603.0, 5363.0, 5570.0, 5345.0, 5260.0, 5602.0, 5456.0 (number of hits: 5)
21	5260	9	1	333	1	5628.0, 5269.0, 5330.0, 5608.0, 5337.0, 5466.0, 5328.0, 5327.0, 5325.0, 5527.0, 5569.0, 5611.0, 5285.0, 5341.0, 5534.0, 5435.0, 5563.0, 5539.0, 5574.0, 5677.0, 5627.0, 5507.0, 5488.0, 5526.0, 5547.0, 5550.0, 5258.0, 5348.0, 5260.0, 5444.0, 5598.0, 5538.0, 5592.0, 5658.0, 5586.0, 5441.0, 5329.0, 5708.0, 5430.0, 5515.0, 5676.0, 5548.0, 5415.0, 5273.0, 5345.0, 5594.0, 5559.0, 5513.0, 5371.0, 5401.0, 5286.0, 5422.0, 5607.0, 5591.0, 5433.0, 5714.0, 5383.0, 5462.0, 5546.0, 5502.0, 5457.0, 5696.0, 5333.0, 5347.0, 5472.0, 5620.0, 5331.0, 5599.0, 5344.0, 5420.0, 5445.0, 5324.0, 5674.0, 5617.0, 5410.0, 5356.0, 5653.0, 5656.0, 5288.0, 5335.0, 5309.0, 5565.0, 5403.0, 5379.0, 5437.0, 5427.0, 5436.0, 5682.0, 5449.0, 5705.0, 5251.0, 5397.0, 5380.0, 5687.0, 5469.0, 5606.0, 5690.0, 5722.0, 5374.0, 5595.0 (number of hits: 4)
22	5260	9	1	333	1	5710.0, 5639.0, 5383.0, 5490.0, 5614.0, 5594.0, 5536.0, 5468.0, 5343.0, 5525.0, 5317.0, 5694.0, 5603.0, 5657.0, 5361.0, 5586.0, 5609.0, 5557.0, 5433.0, 5402.0, 5280.0, 5679.0, 5554.0, 5692.0, 5399.0, 5596.0, 5630.0, 5337.0, 5488.0, 5501.0, 5702.0, 5685.0, 5535.0, 5465.0, 5545.0, 5658.0, 5323.0, 5282.0, 5255.0, 5467.0, 5462.0, 5620.0, 5256.0, 5376.0, 5333.0, 5396.0, 5487.0, 5483.0, 5539.0, 5493.0, 5508.0, 5379.0, 5327.0, 5427.0, 5350.0, 5424.0, 5618.0, 5497.0, 5573.0, 5494.0, 5422.0, 5347.0, 5301.0, 5600.0, 5634.0, 5266.0, 5721.0, 5711.0, 5625.0, 5528.0, 5421.0, 5556.0, 5406.0, 5616.0, 5405.0, 5705.0, 5722.0, 5278.0, 5344.0, 5540.0, 5607.0, 5419.0, 5261.0, 5566.0, 5546.0, 5512.0, 5447.0, 5606.0, 5389.0, 5400.0, 5697.0, 5560.0, 5579.0, 5720.0, 5484.0, 5690.0, 5378.0, 5413.0, 5385.0, 5471.0 (number of hits: 4)
23	5260	9	1	333	1	5446.0, 5507.0, 5355.0, 5646.0, 5434.0, 5278.0, 5707.0, 5502.0, 5263.0, 5264.0, 5711.0, 5329.0, 5554.0, 5661.0, 5619.0, 5383.0, 5701.0, 5537.0, 5384.0, 5643.0,

						5402.0, 5530.0, 5413.0, 5542.0, 5550.0, 5352.0, 5393.0, 5704.0, 5469.0, 5415.0, 5665.0, 5686.0, 5497.0, 5682.0, 5256.0, 5546.0, 5468.0, 5466.0, 5467.0, 5700.0, 5559.0, 5279.0, 5722.0, 5518.0, 5302.0, 5376.0, 5392.0, 5478.0, 5488.0, 5473.0, 5689.0, 5294.0, 5340.0, 5337.0, 5549.0, 5627.0, 5580.0, 5442.0, 5378.0, 5374.0, 5257.0, 5411.0, 5389.0, 5607.0, 5439.0, 5315.0, 5603.0, 5655.0, 5582.0, 5544.0, 5486.0, 5454.0, 5561.0, 5251.0, 5260.0, 5365.0, 5267.0, 5426.0, 5265.0, 5458.0, 5713.0, 5519.0, 5496.0, 5303.0, 5692.0, 5708.0, 5324.0, 5681.0, 5528.0, 5312.0, 5261.0, 5521.0, 5545.0, 5266.0, 5615.0, 5291.0, 5288.0, 5557.0, 5477.0, 5441.0 (number of hits: 10)
24	5260	9	1	333	1	5723.0, 5613.0, 5388.0, 5332.0, 5491.0, 5443.0, 5473.0, 5652.0, 5438.0, 5270.0, 5524.0, 5674.0, 5472.0, 5441.0, 5402.0, 5577.0, 5542.0, 5690.0, 5648.0, 5517.0, 5386.0, 5361.0, 5475.0, 5285.0, 5568.0, 5390.0, 5494.0, 5582.0, 5618.0, 5627.0, 5611.0, 5319.0, 5486.0, 5700.0, 5444.0, 5251.0, 5282.0, 5694.0, 5719.0, 5424.0, 5290.0, 5522.0, 5296.0, 5559.0, 5624.0, 5570.0, 5659.0, 5583.0, 5477.0, 5635.0, 5657.0, 5259.0, 5417.0, 5588.0, 5459.0, 5253.0, 5573.0, 5550.0, 5484.0, 5404.0, 5668.0, 5594.0, 5454.0, 5536.0, 5660.0, 5308.0, 5387.0, 5711.0, 5720.0, 5320.0, 5722.0, 5349.0, 5593.0, 5625.0, 5250.0, 5305.0, 5359.0, 5533.0, 5692.0, 5371.0, 5616.0, 5434.0, 5512.0, 5333.0, 5667.0, 5575.0, 5708.0, 5289.0, 5623.0, 5321.0, 5337.0, 5303.0, 5619.0, 5709.0, 5596.0, 5677.0, 5396.0, 5511.0, 5641.0, 5567.0 (number of hits: 4)
25	5260	9	1	333	1	5602.0, 5369.0, 5603.0, 5552.0, 5626.0, 5686.0, 5346.0, 5635.0, 5640.0, 5657.0, 5380.0, 5617.0, 5301.0, 5709.0, 5622.0, 5517.0, 5255.0, 5409.0, 5452.0, 5420.0, 5647.0, 5638.0, 5322.0, 5684.0, 5687.0, 5717.0, 5512.0, 5564.0, 5404.0, 5636.0, 5413.0, 5258.0, 5311.0, 5284.0, 5535.0, 5529.0, 5685.0, 5713.0, 5560.0, 5331.0, 5374.0, 5300.0, 5336.0, 5276.0, 5309.0, 5457.0, 5565.0, 5592.0, 5683.0, 5492.0, 5256.0, 5576.0, 5332.0, 5704.0, 5373.0, 5577.0, 5595.0, 5539.0, 5518.0, 5425.0, 5381.0, 5485.0, 5251.0, 5422.0, 5417.0, 5701.0, 5476.0, 5703.0, 5710.0, 5523.0, 5699.0, 5502.0, 5439.0, 5501.0, 5675.0, 5504.0, 5584.0, 5458.0, 5587.0, 5538.0, 5580.0, 5419.0, 5488.0, 5690.0, 5697.0, 5495.0, 5356.0, 5581.0, 5366.0, 5610.0, 5414.0, 5343.0, 5431.0, 5321.0, 5540.0, 5542.0, 5267.0, 5302.0, 5631.0, 5541.0 (number of hits: 5)

26	5260	9	1	333	1	5457.0, 5538.0, 5330.0, 5683.0, 5379.0, 5401.0, 5632.0, 5669.0, 5299.0, 5534.0, 5371.0, 5488.0, 5424.0, 5686.0, 5500.0, 5543.0, 5432.0, 5679.0, 5278.0, 5343.0, 5711.0, 5708.0, 5548.0, 5258.0, 5521.0, 5396.0, 5559.0, 5704.0, 5606.0, 5523.0, 5689.0, 5462.0, 5398.0, 5561.0, 5293.0, 5522.0, 5279.0, 5668.0, 5370.0, 5252.0, 5441.0, 5605.0, 5264.0, 5439.0, 5537.0, 5479.0, 5372.0, 5346.0, 5665.0, 5265.0, 5383.0, 5585.0, 5295.0, 5374.0, 5327.0, 5613.0, 5496.0, 5514.0, 5351.0, 5597.0, 5721.0, 5354.0, 5393.0, 5348.0, 5406.0, 5298.0, 5706.0, 5381.0, 5651.0, 5341.0, 5688.0, 5675.0, 5345.0, 5566.0, 5703.0, 5575.0, 5554.0, 5696.0, 5579.0, 5524.0, 5664.0, 5600.0, 5487.0, 5528.0, 5642.0, 5303.0, 5433.0, 5713.0, 5410.0, 5611.0, 5647.0, 5556.0, 5501.0, 5550.0, 5536.0, 5342.0, 5635.0, 5408.0, 5525.0, 5460.0 (number of hits: 4)
27	5260	9	1	333	1	5479.0, 5392.0, 5455.0, 5584.0, 5387.0, 5717.0, 5264.0, 5354.0, 5429.0, 5320.0, 5672.0, 5705.0, 5355.0, 5604.0, 5699.0, 5454.0, 5273.0, 5333.0, 5647.0, 5652.0, 5532.0, 5476.0, 5331.0, 5457.0, 5261.0, 5294.0, 5442.0, 5719.0, 5682.0, 5376.0, 5685.0, 5610.0, 5366.0, 5490.0, 5277.0, 5673.0, 5441.0, 5305.0, 5643.0, 5440.0, 5700.0, 5353.0, 5388.0, 5340.0, 5419.0, 5393.0, 5318.0, 5691.0, 5462.0, 5513.0, 5433.0, 5588.0, 5338.0, 5417.0, 5282.0, 5292.0, 5541.0, 5463.0, 5289.0, 5346.0, 5365.0, 5431.0, 5681.0, 5402.0, 5598.0, 5295.0, 5582.0, 5629.0, 5630.0, 5688.0, 5409.0, 5684.0, 5612.0, 5535.0, 5576.0, 5424.0, 5646.0, 5586.0, 5352.0, 5489.0, 5416.0, 5714.0, 5299.0, 5286.0, 5632.0, 5427.0, 5526.0, 5290.0, 5270.0, 5324.0, 5421.0, 5577.0, 5517.0, 5336.0, 5444.0, 5263.0, 5565.0, 5345.0, 5350.0, 5671.0 (number of hits: 3)
28	5260	9	1	333	1	5446.0, 5461.0, 5633.0, 5721.0, 5302.0, 5423.0, 5354.0, 5543.0, 5273.0, 5559.0, 5488.0, 5581.0, 5542.0, 5675.0, 5414.0, 5292.0, 5577.0, 5254.0, 5698.0, 5529.0, 5612.0, 5399.0, 5475.0, 5404.0, 5453.0, 5288.0, 5340.0, 5391.0, 5368.0, 5652.0, 5299.0, 5551.0, 5712.0, 5660.0, 5505.0, 5291.0, 5631.0, 5271.0, 5308.0, 5427.0, 5360.0, 5701.0, 5615.0, 5343.0, 5390.0, 5606.0, 5462.0, 5607.0, 5630.0, 5498.0, 5624.0, 5635.0, 5522.0, 5668.0, 5677.0, 5685.0, 5415.0, 5502.0, 5494.0, 5558.0, 5707.0, 5365.0, 5479.0, 5451.0, 5294.0, 5638.0, 5590.0, 5281.0, 5519.0, 5347.0, 5270.0, 5413.0, 5422.0, 5653.0, 5364.0, 5323.0, 5438.0, 5346.0, 5595.0, 5649.0, 5509.0, 5667.0, 5646.0, 5530.0, 5627.0,

						5328.0, 5580.0, 5569.0, 5335.0, 5485.0, 5352.0, 5658.0, 5666.0, 5723.0, 5478.0, 5386.0, 5722.0, 5674.0, 5588.0, 5662.0 (number of hits: 1)
29	5260	9	1	333	1	5586.0, 5681.0, 5723.0, 5409.0, 5356.0, 5593.0, 5635.0, 5599.0, 5670.0, 5264.0, 5604.0, 5585.0, 5531.0, 5661.0, 5633.0, 5309.0, 5316.0, 5311.0, 5460.0, 5420.0, 5312.0, 5712.0, 5457.0, 5581.0, 5348.0, 5446.0, 5657.0, 5566.0, 5713.0, 5571.0, 5449.0, 5675.0, 5550.0, 5544.0, 5618.0, 5502.0, 5305.0, 5478.0, 5553.0, 5284.0, 5330.0, 5560.0, 5354.0, 5441.0, 5326.0, 5614.0, 5699.0, 5702.0, 5663.0, 5496.0, 5320.0, 5424.0, 5579.0, 5397.0, 5610.0, 5608.0, 5505.0, 5574.0, 5554.0, 5257.0, 5613.0, 5393.0, 5688.0, 5645.0, 5343.0, 5619.0, 5509.0, 5524.0, 5255.0, 5606.0, 5401.0, 5332.0, 5520.0, 5492.0, 5672.0, 5687.0, 5626.0, 5416.0, 5512.0, 5340.0, 5640.0, 5658.0, 5353.0, 5314.0, 5412.0, 5630.0, 5470.0, 5437.0, 5487.0, 5461.0, 5363.0, 5590.0, 5684.0, 5387.0, 5632.0, 5463.0, 5636.0, 5325.0, 5503.0, 5671.0 (number of hits: 3)
30	5260	9	1	333	1	5285.0, 5613.0, 5304.0, 5495.0, 5714.0, 5592.0, 5486.0, 5689.0, 5396.0, 5691.0, 5493.0, 5686.0, 5420.0, 5375.0, 5496.0, 5419.0, 5629.0, 5312.0, 5330.0, 5611.0, 5300.0, 5393.0, 5469.0, 5683.0, 5710.0, 5722.0, 5325.0, 5565.0, 5484.0, 5443.0, 5677.0, 5566.0, 5385.0, 5399.0, 5462.0, 5470.0, 5467.0, 5458.0, 5263.0, 5513.0, 5472.0, 5591.0, 5429.0, 5331.0, 5553.0, 5567.0, 5657.0, 5372.0, 5305.0, 5655.0, 5405.0, 5542.0, 5639.0, 5552.0, 5586.0, 5279.0, 5618.0, 5561.0, 5408.0, 5537.0, 5391.0, 5674.0, 5696.0, 5532.0, 5256.0, 5536.0, 5255.0, 5367.0, 5539.0, 5717.0, 5519.0, 5445.0, 5364.0, 5551.0, 5303.0, 5562.0, 5528.0, 5649.0, 5346.0, 5454.0, 5402.0, 5705.0, 5715.0, 5719.0, 5517.0, 5359.0, 5351.0, 5656.0, 5357.0, 5695.0, 5667.0, 5298.0, 5647.0, 5574.0, 5421.0, 5319.0, 5422.0, 5617.0, 5451.0, 5386.0 (number of hits: 3)

5270 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	100 %	60%	Pass
Type 4	30	100 %	60%	Pass
Aggregate (Type1 to 4)	120	100 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5270 MHz, 40 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	59	1	898	1
2	5270	57	1	938	1
3	5270	81	1	658	1
4	5270	89	1	598	1
5	5270	74	1	718	1
6	5270	58	1	918	1
7	5270	62	1	858	1
8	5270	86	1	618	1
9	5270	78	1	678	1
10	5270	92	1	578	1
11	5270	99	1	538	1
12	5270	18	1	3066	1
13	5270	83	1	638	1
14	5270	95	1	558	1
15	5270	72	1	738	1
16	5270	25	1	2129	1
17	5270	26	1	2071	1
18	5270	19	1	2781	1
19	5270	19	1	2932	1
20	5270	53	1	999	1
21	5270	33	1	1625	1
22	5270	18	1	3009	1
23	5270	33	1	1614	1
24	5270	23	1	2372	1
25	5270	71	1	747	1
26	5270	23	1	2310	1
27	5270	18	1	3005	1
28	5270	68	1	783	1
29	5270	26	1	2087	1
30	5270	22	1	2474	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5270	26	4	183	1
2	5270	29	1.3	184	1
3	5270	24	4.3	198	1
4	5270	24	4.9	204	1
5	5270	24	1.6	156	1
6	5270	27	5	169	1
7	5270	25	1	154	1
8	5270	28	1.4	214	1
9	5270	29	1.7	166	1
10	5270	23	2.7	187	1
11	5270	23	2.1	177	1
12	5270	28	2.5	211	1
13	5270	24	3.9	215	1
14	5270	25	3.3	175	1
15	5270	28	2.3	165	1
16	5270	24	4.3	181	1
17	5270	23	2.5	183	1
18	5270	28	1.3	179	1
19	5270	27	3.1	171	1
20	5270	23	4.2	198	1
21	5270	25	3.8	206	1
22	5270	27	3	168	1
23	5270	29	2.1	170	1
24	5270	27	1.6	229	1
25	5270	26	2	161	1
26	5270	29	3.6	205	1
27	5270	29	3.3	202	1
28	5270	25	4	229	1
29	5270	28	3.6	189	1
30	5270	29	2.4	169	1

Detection Percentage: 100 % (>60%)

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5270	16	6.3	237	1
2	5270	18	8	423	1
3	5270	16	7.1	208	1
4	5270	16	6	455	1
5	5270	17	7.2	363	1
6	5270	18	9.9	318	1
7	5270	18	8.4	255	1
8	5270	18	7.6	324	1
9	5270	16	9.8	384	1
10	5270	16	7.4	200	1
11	5270	17	8.3	202	1
12	5270	18	8	476	1
13	5270	16	6.2	462	1
14	5270	17	6.6	459	1
15	5270	17	9.7	300	1
16	5270	18	6.1	297	1
17	5270	18	9.4	475	1
18	5270	17	7.7	417	1
19	5270	18	7.8	207	1
20	5270	17	7.2	211	1
21	5270	18	8.1	330	1
22	5270	17	8.8	356	1
23	5270	16	6	234	1
24	5270	16	6.2	346	1
25	5270	17	9.9	206	1
26	5270	17	9.5	334	1
27	5270	16	8.3	359	1
28	5270	17	8.4	313	1
29	5270	18	7.8	356	1
30	5270	16	9.1	284	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	13	15.4	243	1
2	5270	12	11.6	406	1
3	5270	16	16.4	364	1
4	5270	13	13.7	237	1
5	5270	15	12	288	1
6	5270	14	16.6	353	1
7	5270	14	14.5	487	1
8	5270	12	18.9	400	1
9	5270	14	12.1	335	1
10	5270	14	11	431	1
11	5270	13	15	237	1
12	5270	16	18.3	398	1
13	5270	15	16	448	1
14	5270	15	19	281	1
15	5270	14	19.3	423	1
16	5270	15	16.4	425	1
17	5270	16	17.1	354	1
18	5270	14	15.4	422	1
19	5270	13	19.8	249	1
20	5270	16	17.9	431	1
21	5270	12	16.9	324	1
22	5270	14	16.5	415	1
23	5270	13	12.9	277	1
24	5270	14	12.5	301	1
25	5270	12	15.8	386	1
26	5270	14	12.6	362	1
27	5270	16	15.2	386	1
28	5270	14	13.8	478	1
29	5270	12	12.5	495	1
30	5270	12	18.9	267	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5270	1
2	5270	1
3	5270	1
4	5270	1
5	5270	1
6	5270	1
7	5270	1
8	5270	1
9	5270	1
10	5270	1
11	5253.6	1
12	5256.0	1
13	5257.6	1
14	5256.0	1
15	5255.2	1
16	5252.0	1
17	5257.6	1
18	5255.2	1
19	5252.8	1
20	5254.0	1
21	5286.8	1
22	5283.2	1
23	5284.0	1
24	5282.8	1
25	5283.2	1
26	5284.4	1
27	5284.4	1
28	5284.8	1
29	5283.2	1
30	5288.0	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	79.3	1251		0.283087	
1	1	8	54.9			1.70254	
2	2	8	81.5	1290		2.476703	
3	1	8	52.1			2.747485	
4	1	8	89.4			3.642603	
5	1	8	87.5			4.331585	
6	2	8	71.4	1236		5.473499	1
7	1	8	72.9			6.811752	
8	2	8	77.4	1818		6.858712	
9	1	8	81.3			8.372141	
10	3	8	89	1543	1639	9.070364	
11	2	8	99.6	1490		9.431845	
12	2	8	71.4	1341		10.725337	
13	2	8	99.4	1941		11.771199	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	94.7	1441	1746	0.066988	
1	2	8	56.9	1335		1.117171	
2	2	8	81.8	1626		2.264917	
3	3	8	96.9	1576	1091	3.214787	
4	1	8	96.6			4.156373	
5	2	8	57.1	1412		5.39388	
6	1	8	85.8			5.886705	1
7	1	8	75.1			6.901551	
8	2	8	83.5	1504		7.859765	
9	1	8	95.4			8.710435	
10	3	8	88.7	1866	1723	9.412639	
11	3	8	67.4	1778	1523	10.661581	
12	2	8	67.3	1732		11.547036	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	54			0.674344	
1	1	11	51.1			1.213701	
2	2	11	83.9	1868		1.515197	
3	2	11	52.8	1981		2.315486	
4	1	11	52.9			3.263217	
5	2	11	59.1	1907		3.852668	
6	2	11	96.8	1424		4.286154	
7	1	11	57.8			5.183904	
8	2	11	68.5	1791		6.056031	1
9	1	11	53			6.656382	
10	2	11	74.8	1376		7.62419	
11	1	11	58.7			8.279712	
12	1	11	81.9			8.642259	
13	1	11	50.7			9.517125	
14	1	11	86.4			9.924278	
15	2	11	66.8	1292		10.60239	
16	2	11	70.8	1570		11.936395	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	53.8	1398		0.332769	
1	1	6	92.7			1.090335	
2	1	6	92.2			1.305363	
3	1	6	96.7			2.013885	
4	1	6	59.8			2.604483	
5	1	6	58.3			3.534822	
6	2	6	55.5	1854		3.645038	
7	3	6	79.5	1198	1319	4.41385	
8	2	6	97.4	1759		5.319735	
9	1	6	76.4			5.690775	
10	2	6	63.9	1318		6.02362	1
11	3	6	75.8	1122	1716	7.00753	
12	2	6	84.9	1379		7.369707	
13	2	6	59.6	1507		7.99466	
14	2	6	62.7	1214		8.456223	
15	2	6	96.4	1752		9.316328	
16	2	6	66.1	1218		10.048354	
17	2	6	54.9	1681		10.709758	
18	2	6	59.4	1161		10.91177	
19	2	6	87.1	1214		11.873727	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	91.3	1817		0.495135	
1	2	16	61	1462		1.406268	
2	1	16	51.5			3.140178	
3	2	16	83.2	1538		4.320773	
4	2	16	77.7	1881		4.890949	
5	3	16	75.6	1634	1901	6.48812	1
6	2	16	77.9	1621		8.032259	
7	2	16	99.9	1978		8.511928	
8	2	16	88.3	2000		10.615558	
9	3	16	98.3	1821	1314	11.184475	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	78.2			0.718736	
1	2	14	52.8	1763		0.961117	
2	3	14	93.9	1217	1838	1.898961	
3	3	14	80.5	1007	1089	2.409818	
4	1	14	94.5			3.16763	
5	2	14	81.5	1699		4.492021	
6	2	14	51.4	1913		5.188499	
7	2	14	67.1	1151		5.358794	
8	3	14	84.9	1486	1223	6.155693	1
9	1	14	98.3			7.320309	
10	3	14	85.5	1564	1489	7.92556	
11	1	14	87.8			8.361678	
12	2	14	97.6	1954		9.673944	
13	3	14	82.1	1963	1851	9.906458	
14	2	14	96.8	1885		10.522616	
15	1	14	90.4			11.251413	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	89.7	1075		0.336913	
1	2	13	53.8	1304		1.198228	
2	1	13	82.9			2.215338	
3	3	13	92.1	1487	1528	3.289532	
4	3	13	96.8	1747	1160	4.912615	
5	2	13	98.1	1907		6.335848	1
6	3	13	74.1	1196	1866	6.705474	
7	1	13	82.2			8.432349	
8	1	13	59.2			8.962638	
9	3	13	96.2	1322	1655	10.666692	
10	2	13	62.1	1922		11.075651	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	79.4	1475		1.069787	
1	3	11	70	1542	1146	2.023599	
2	2	11	51.1	1285		4.389638	
3	2	11	84.6	1069		5.459701	1
4	2	11	74.7	1361		6.449901	
5	2	11	71.2	1515		7.818742	
6	2	11	58.3	1843		9.026379	
7	2	11	56.1	1192		11.751678	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	51.4			0.023859	
1	2	7	74.3	1101		2.07938	
2	2	7	93.1	1208		3.136512	
3	2	7	82.4	1480		3.771011	
4	2	7	98.3	1865		5.307984	1
5	3	7	72.8	1339	1768	6.034951	
6	2	7	76.1	1118		7.48827	
7	1	7	60.3			9.54181	
8	3	7	88.8	1920	1853	10.598374	
9	3	7	67.2	1814	1610	11.237018	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	70.8	1104		0.548692	
1	3	14	64	1193	1618	1.233894	
2	2	14	87.3	1034		2.747771	
3	2	14	57.8	1748		3.093644	
4	2	14	92.5	1161		4.191884	
5	3	14	68.2	1704	1176	4.727979	
6	1	14	96.7			5.557857	1
7	2	14	66.6	1555		6.922026	
8	1	14	90.1			7.741279	
9	2	14	94.7	1670		8.843142	
10	1	14	68.1			10.148018	
11	3	14	94.8	1136	1923	10.678691	
12	2	14	57	1252		11.657994	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	78.5	1786	1954	1.171479	
1	2	9	84.6	1380		1.613875	
2	2	9	80	1603		3.327615	
3	2	9	83.4	1409		4.119746	
4	2	9	70	1173		5.245892	1
5	1	9	94.9			6.691628	
6	2	9	86.8	1804		7.779924	
7	1	9	89.4			9.199279	
8	1	9	82.3			10.175387	
9	3	9	61.7	1402	1825	11.161903	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	62.7	1419	1670	0.821726	
1	3	15	50.8	1256	1523	1.656047	
2	1	15	54.1			1.793644	
3	1	15	98.4			2.766467	
4	2	15	72.3	1573		3.796764	
5	2	15	87.6	1251		4.713286	
6	1	15	57.9			5.658974	
7	2	15	54.5	1236		6.714997	1
8	2	15	74.1	1287		6.8776	
9	2	15	55.2	1182		8.171923	
10	3	15	94.1	1926	1330	9.226802	
11	2	15	61	1560		9.587849	
12	2	15	70.1	1191		10.494764	
13	1	15	57.8			11.17273	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	99.6	1775		0.629788	
1	2	19	74.5	1427		1.547772	
2	1	19	55.9			2.252933	
3	3	19	55	1386	1428	3.528612	
4	3	19	69.5	1029	1946	4.45425	
5	2	19	97	1532		5.393838	
6	2	19	88.6	1887		5.676867	1
7	3	19	71.2	1121	1169	7.110856	
8	2	19	79.6	1643		7.490287	
9	3	19	57.2	1483	1545	8.388933	
10	2	19	77.3	1578		9.958936	
11	1	19	59.5			10.832342	
12	3	19	90	1711	1153	11.578111	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	82.8			0.165453	
1	2	15	70	1510		1.236464	
2	1	15	61.4			2.31921	
3	2	15	65.7	1446		3.043059	
4	3	15	76.2	1941	1465	4.253304	
5	1	15	99.6			5.498658	1
6	1	15	67.4			6.956093	
7	2	15	77.2	1987		7.256347	
8	2	15	73.3	1867		8.838917	
9	2	15	77.2	1730		9.621012	
10	3	15	70.8	1323	1217	10.351414	
11	3	15	98.2	1263	1170	11.842695	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	88.8			0.52795	
1	1	13	67.3			1.180145	
2	2	13	86	1603		1.411655	
3	3	13	82.3	1669	1617	1.814709	
4	1	13	74.3			2.572759	
5	1	13	58.1			3.048531	
6	3	13	54.6	1596	1903	3.675028	
7	1	13	82			4.500385	
8	1	13	55.3			4.812473	
9	2	13	84.7	1996		5.911629	
10	2	13	54.8	1248		6.173736	1
11	1	13	75.5			6.859171	
12	1	13	98.4			7.669948	
13	1	13	99.6			8.301164	
14	2	13	92.5	1936		8.647096	
15	1	13	78.9			9.088392	
16	2	13	62.2	1689		10.194611	
17	1	13	58			10.421982	
18	3	13	56.4	1579	1197	11.369643	
19	2	13	56.6	1815		11.46759	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	61.8			0.499283	
1	2	5	68	1854		0.776636	
2	3	5	95.6	1155	1318	1.763121	
3	1	5	58.3			2.177599	
4	1	5	99.4			2.718921	
5	2	5	89.9	1710		3.464731	
6	1	5	93.1			3.739157	
7	2	5	71.6	1707		4.534426	
8	2	5	62.5	1829		5.285619	
9	2	5	89.4	1994		5.927495	
10	2	5	71.3	1927		6.423172	1
11	1	5	50.1			6.767941	
12	2	5	73	1745		7.380503	
13	2	5	58	1217		8.058656	
14	2	5	64.4	1815		8.846972	
15	2	5	62.8	1116		9.528582	
16	2	5	78.3	1501		10.073111	
17	2	5	81.1	1575		10.541377	
18	2	5	89.9	1153		11.119888	
19	2	5	76.1	1025		11.606526	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	67.8	1931		0.888684	
1	2	19	81	1861		2.446234	
2	3	19	62.2	1428	1877	3.742082	
3	2	19	99.7	1167		4.164515	
4	2	19	67.9	1073		5.900789	1
5	1	19	85.8			7.788457	
6	2	19	69.5	1858		8.807531	
7	2	19	68.2	1750		9.455337	
8	2	19	64.8	1760		11.290245	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	73.8	1029		0.504542	
1	3	13	95.4	1905	1152	1.120209	
2	2	13	65.9	1827		1.563273	
3	3	13	62	1895	1423	2.108962	
4	1	13	95.5			2.5733	
5	2	13	68.8	1531		3.611322	
6	2	13	99.8	1019		4.398909	
7	2	13	74.6	1962		4.866868	
8	2	13	79.7	1327		5.583224	
9	2	13	86	1337		5.760223	1
10	2	13	90.2	1938		6.702232	
11	2	13	64.4	1429		7.401284	
12	1	13	79.9			8.040998	
13	2	13	82.3	1761		8.254694	
14	1	13	58.5			9.340594	
15	2	13	59.2	1342		9.717137	
16	3	13	72.6	1435	1377	10.681039	
17	1	13	73.8			11.050386	
18	2	13	56.3	1288		11.748119	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	85.2	1756	1358	0.849667	
1	2	7	94.3	1291		2.084205	
2	2	7	86.5	1730		3.080487	
3	2	7	71.7	1641		4.007079	
4	3	7	59.7	1626	1349	5.426312	
5	3	7	86.2	1457	1135	6.413291	1
6	1	7	63.3			7.08935	
7	2	7	54.7	1520		8.33033	
8	2	7	79.9	1956		9.598012	
9	1	7	86.3			10.121692	
10	1	7	88			11.303078	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	85.7	1957		1.285684	
1	2	10	67.5	1388		2.026759	
2	2	10	73	1566		3.489438	
3	2	10	95.3	1508		5.283499	
4	3	10	59.8	1882	1481	5.366407	1
5	2	10	73.3	1366		7.719055	
6	1	10	60.6			8.407892	
7	3	10	73.3	1354	1673	10.059675	
8	1	10	61			11.108714	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	71.2	1592		0.502418	
1	2	8	88.5	1862		0.674677	
2	2	8	52.3	1137		1.660576	
3	2	8	84.1	1016		2.184386	
4	2	8	97.7	1367		2.768073	
5	2	8	63.6	1173		3.709039	
6	1	8	90			4.637146	
7	3	8	54.8	1588	1643	4.79773	
8	2	8	62.5	1218		5.451996	
9	2	8	77.4	1501		6.512994	1
10	1	8	88.3			7.141038	
11	2	8	78.7	1028		7.783493	
12	2	8	76.4	1347		8.574828	
13	2	8	86.4	1572		9.163262	
14	2	8	77.9	1024		9.981987	
15	1	8	55.4			10.269318	
16	2	8	61.3	1314		10.966721	
17	2	8	55.9	1832		11.871484	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	88.2			0.928568	
1	1	17	62.6			2.363319	
2	2	17	93.6	1176		3.083768	
3	2	17	72	1625		4.035532	
4	3	17	83.5	1565	1936	5.370107	1
5	2	17	57.1	1355		7.016213	
6	2	17	52.1	1487		7.525906	
7	2	17	91.6	1804		8.904716	
8	2	17	63.3	1077		10.318823	
9	2	17	96.1	1397		11.717248	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	67.6	1180		0.441667	
1	3	15	64.7	1069	1328	1.271898	
2	1	15	75.8			2.269838	
3	1	15	70.4			3.628966	
4	2	15	67	1890		4.113951	
5	3	15	65.9	1979	1887	5.42387	
6	2	15	73.7	1653		5.575439	1
7	3	15	70.1	1418	1617	7.070097	
8	2	15	62.4	1425		7.513549	
9	2	15	64.5	1896		8.820465	
10	2	15	96.3	1679		9.711397	
11	3	15	86.9	1319	1340	10.244006	
12	1	15	66.6			11.817064	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	66.3			0.574758	
1	1	18	53			1.849472	
2	1	18	94.3			3.403844	
3	3	18	73.7	1566	1307	3.682555	
4	1	18	53.2			5.526508	1
5	2	18	52.1	1585		6.408552	
6	1	18	65			8.204621	
7	3	18	58.9	1609	1441	8.576788	
8	1	18	78.4			10.594028	
9	3	18	55.4	1803	1651	11.330893	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	85.5			0.689981	
1	1	17	73.5			1.545197	
2	2	17	98	1910		2.644122	
3	3	17	82.2	1783	1984	3.662723	
4	2	17	56.4	1862		4.468785	
5	3	17	67	1257	1777	4.893096	
6	3	17	66.2	1582	1207	6.04017	1
7	3	17	50.4	1507	1419	7.188089	
8	3	17	59.4	1929	1877	7.885898	
9	1	17	64.1			8.852849	
10	3	17	87.9	1929	1498	9.307995	
11	2	17	96.2	1882		10.500662	
12	2	17	94.3	1671		11.456502	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	87.6	1312	1598	0.252081	
1	2	14	97.7	1940		1.102955	
2	2	14	79.7	1755		1.654713	
3	2	14	86.4	1415		2.18468	
4	2	14	70.6	1536		2.883829	
5	1	14	65			3.397453	
6	2	14	55.9	1020		4.249881	
7	2	14	55.7	1611		4.502172	
8	3	14	82.5	1426	1916	5.387654	
9	1	14	71.7			5.690248	1
10	2	14	91.2	1704		6.44734	
11	2	14	66.1	1494		7.413167	
12	2	14	94.8	1890		7.946928	
13	3	14	75.9	1744	1025	8.338089	
14	2	14	65	1097		9.379503	
15	2	14	53.1	1899		9.974347	
16	3	14	95.8	1207	1844	10.456455	
17	2	14	71.3	1022		11.345514	
18	2	14	68.9	1972		11.719284	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	61.2	1294		0.276964	
1	2	14	86.2	1284		1.340502	
2	3	14	57.4	1261	1320	1.501581	
3	2	14	88	1011		2.607618	
4	2	14	72.7	1512		3.509241	
5	2	14	66.8	1528		4.089133	
6	1	14	93.2			4.570075	
7	2	14	74.6	1740		4.967596	
8	1	14	50.7			6.031193	1
9	2	14	85.7	1953		6.511797	
10	1	14	55			7.430361	
11	2	14	78.3	1866		8.219853	
12	1	14	52.3			8.630235	
13	3	14	64.7	1410	1742	9.345724	
14	1	14	61.2			10.13868	
15	1	14	77.7			10.880725	
16	2	14	82.3	1731		11.559244	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	75.4			0.327741	
1	2	13	73.5	1328		1.112724	
2	2	13	66.2	1310		2.097545	
3	2	13	54.5	1705		3.320146	
4	2	13	92.3	1462		4.226515	
5	2	13	59.6	1437		4.792625	
6	3	13	84.8	1074	1461	5.776234	1
7	3	13	84.1	1380	1466	6.997452	
8	3	13	93.6	1097	1116	8.235295	
9	3	13	99.2	1080	1233	8.815732	
10	2	13	98.7	1225		9.355947	
11	3	13	67.2	1123	1181	10.803085	
12	1	13	59.1			11.949889	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	72.2			0.332259	
1	1	17	83			1.070961	
2	3	17	83.9	1448	1209	1.591529	
3	2	17	89.2	1083		2.970636	
4	3	17	91	1407	1316	3.365133	
5	1	17	94.9			3.781848	
6	2	17	83	1937		4.706261	
7	1	17	70.9			5.847129	
8	1	17	82			6.187312	
9	3	17	70.5	1640	1587	7.085037	1
10	2	17	74.6	1512		7.917959	
11	2	17	68.2	1885		8.834056	
12	2	17	58.6	1183		9.618253	
13	1	17	50.7			10.163361	
14	1	17	71.6			10.767128	
15	2	17	65.2	1910		11.39612	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	85.8	1747		0.001975	
1	3	5	91.6	1968	1773	0.879433	
2	2	5	89.6	1634		1.693868	
3	2	5	66.7	1808		1.963708	
4	2	5	79.2	1982		3.138832	
5	2	5	81.1	1651		3.356131	
6	1	5	66.6			4.042429	
7	2	5	69.5	1427		4.58736	
8	3	5	76.3	1625	1575	5.618728	
9	2	5	83.5	1100		6.130876	1
10	3	5	71.7	1477	1603	6.702832	
11	2	5	98.1	1801		7.484334	
12	2	5	70.3	1519		7.78397	
13	3	5	58	1143	1631	8.553482	
14	1	5	78.6			9.351224	
15	2	5	82.3	1860		10.028065	
16	2	5	92.9	1812		10.56927	
17	1	5	81			10.810897	
18	3	5	56.3	1310	1818	11.614957	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5270	9	1	333	1	5554.0, 5552.0, 5622.0, 5632.0, 5524.0, 5663.0, 5471.0, 5336.0, 5640.0, 5487.0, 5303.0, 5553.0, 5683.0, 5377.0, 5423.0, 5371.0, 5586.0, 5621.0, 5713.0, 5503.0, 5653.0, 5393.0, 5548.0, 5477.0, 5602.0, 5509.0, 5551.0, 5512.0, 5681.0, 5561.0, 5292.0, 5285.0, 5664.0, 5594.0, 5579.0, 5386.0, 5533.0, 5523.0, 5687.0, 5453.0, 5605.0, 5527.0, 5306.0, 5319.0, 5472.0, 5695.0, 5633.0, 5618.0, 5543.0, 5312.0, 5690.0, 5469.0, 5443.0, 5722.0, 5486.0, 5630.0, 5272.0, 5515.0, 5566.0, 5534.0, 5565.0, 5528.0, 5398.0, 5538.0, 5358.0, 5305.0, 5493.0, 5661.0, 5710.0, 5490.0, 5467.0, 5494.0, 5479.0, 5254.0, 5689.0, 5668.0, 5404.0, 5391.0, 5341.0, 5274.0, 5488.0, 5418.0, 5368.0, 5537.0, 5253.0, 5460.0, 5634.0, 5408.0, 5474.0, 5707.0, 5510.0, 5482.0, 5342.0, 5470.0, 5284.0, 5657.0, 5364.0, 5446.0, 5558.0, 5613.0 (number of hits: 6)
2	5270	9	1	333	1	5655.0, 5591.0, 5338.0, 5532.0, 5269.0, 5604.0, 5547.0, 5580.0, 5708.0, 5550.0, 5344.0, 5646.0, 5271.0, 5266.0, 5567.0, 5504.0, 5473.0, 5642.0, 5554.0, 5295.0, 5723.0, 5298.0, 5556.0, 5583.0, 5333.0, 5306.0, 5588.0, 5519.0, 5267.0, 5533.0, 5465.0, 5658.0, 5569.0, 5609.0, 5261.0, 5484.0, 5433.0, 5702.0, 5679.0, 5357.0, 5669.0, 5417.0, 5388.0, 5721.0, 5374.0, 5574.0, 5578.0, 5488.0, 5383.0, 5559.0, 5699.0, 5673.0, 5445.0, 5413.0, 5444.0, 5389.0, 5704.0, 5697.0, 5553.0, 5399.0, 5693.0, 5325.0, 5457.0, 5281.0, 5617.0, 5634.0, 5670.0, 5597.0, 5276.0, 5640.0, 5572.0, 5546.0, 5487.0, 5367.0, 5623.0, 5648.0, 5405.0, 5427.0, 5439.0, 5458.0, 5497.0, 5495.0, 5586.0, 5311.0, 5347.0, 5308.0, 5436.0, 5384.0, 5252.0, 5494.0, 5598.0, 5317.0, 5365.0, 5622.0, 5701.0, 5621.0, 5619.0, 5324.0, 5690.0, 5426.0 (number of hits: 8)
3	5270	9	1	333	1	5601.0, 5348.0, 5546.0, 5279.0, 5323.0, 5315.0, 5516.0, 5281.0, 5622.0, 5324.0, 5327.0, 5616.0, 5469.0, 5602.0, 5425.0, 5564.0, 5673.0, 5345.0, 5436.0, 5337.0, 5313.0, 5439.0, 5660.0, 5411.0, 5655.0, 5492.0, 5485.0, 5387.0, 5256.0, 5341.0, 5527.0, 5371.0, 5693.0, 5629.0, 5689.0, 5558.0, 5456.0, 5285.0, 5713.0, 5576.0, 5254.0, 5535.0, 5458.0, 5404.0, 5483.0, 5486.0, 5611.0, 5708.0, 5453.0, 5566.0, 5479.0, 5346.0, 5385.0, 5424.0, 5473.0,

						5295.0, 5418.0, 5639.0, 5714.0, 5257.0, 5443.0, 5451.0, 5636.0, 5316.0, 5509.0, 5423.0, 5712.0, 5389.0, 5430.0, 5621.0, 5557.0, 5569.0, 5529.0, 5681.0, 5696.0, 5603.0, 5365.0, 5422.0, 5619.0, 5688.0, 5699.0, 5679.0, 5499.0, 5343.0, 5590.0, 5437.0, 5648.0, 5606.0, 5278.0, 5555.0, 5258.0, 5349.0, 5717.0, 5350.0, 5544.0, 5694.0, 5719.0, 5513.0, 5667.0, 5463.0 (number of hits: 8)
4	5270	9	1	333	1	5465.0, 5605.0, 5594.0, 5420.0, 5270.0, 5722.0, 5555.0, 5495.0, 5551.0, 5667.0, 5659.0, 5534.0, 5324.0, 5371.0, 5717.0, 5373.0, 5539.0, 5587.0, 5471.0, 5254.0, 5638.0, 5519.0, 5448.0, 5272.0, 5338.0, 5577.0, 5688.0, 5579.0, 5403.0, 5496.0, 5692.0, 5427.0, 5633.0, 5516.0, 5464.0, 5530.0, 5677.0, 5296.0, 5693.0, 5299.0, 5567.0, 5546.0, 5313.0, 5643.0, 5451.0, 5602.0, 5461.0, 5629.0, 5328.0, 5425.0, 5636.0, 5434.0, 5255.0, 5505.0, 5431.0, 5412.0, 5695.0, 5257.0, 5309.0, 5289.0, 5267.0, 5266.0, 5486.0, 5564.0, 5463.0, 5442.0, 5488.0, 5536.0, 5294.0, 5716.0, 5301.0, 5395.0, 5283.0, 5522.0, 5472.0, 5674.0, 5459.0, 5356.0, 5663.0, 5571.0, 5440.0, 5366.0, 5651.0, 5705.0, 5407.0, 5531.0, 5344.0, 5405.0, 5581.0, 5550.0, 5329.0, 5589.0, 5603.0, 5706.0, 5314.0, 5687.0, 5473.0, 5402.0, 5504.0, 5548.0 (number of hits: 9)
5	5270	9	1	333	1	5280.0, 5425.0, 5631.0, 5522.0, 5439.0, 5353.0, 5329.0, 5390.0, 5590.0, 5255.0, 5581.0, 5625.0, 5586.0, 5367.0, 5444.0, 5630.0, 5605.0, 5268.0, 5607.0, 5496.0, 5344.0, 5302.0, 5591.0, 5563.0, 5685.0, 5384.0, 5474.0, 5583.0, 5417.0, 5296.0, 5328.0, 5406.0, 5445.0, 5646.0, 5618.0, 5635.0, 5300.0, 5289.0, 5644.0, 5562.0, 5640.0, 5538.0, 5673.0, 5276.0, 5592.0, 5363.0, 5552.0, 5252.0, 5629.0, 5508.0, 5600.0, 5676.0, 5501.0, 5613.0, 5723.0, 5317.0, 5661.0, 5339.0, 5711.0, 5485.0, 5424.0, 5373.0, 5438.0, 5619.0, 5437.0, 5470.0, 5698.0, 5513.0, 5650.0, 5559.0, 5535.0, 5671.0, 5421.0, 5322.0, 5696.0, 5557.0, 5381.0, 5359.0, 5457.0, 5253.0, 5355.0, 5708.0, 5651.0, 5620.0, 5701.0, 5284.0, 5391.0, 5714.0, 5403.0, 5667.0, 5531.0, 5426.0, 5414.0, 5572.0, 5443.0, 5338.0, 5254.0, 5348.0, 5722.0, 5405.0 (number of hits: 9)
6	5270	9	1	333	1	5520.0, 5629.0, 5651.0, 5654.0, 5478.0, 5299.0, 5365.0, 5627.0, 5305.0, 5254.0, 5608.0, 5310.0, 5707.0, 5504.0, 5279.0, 5547.0, 5678.0, 5251.0, 5262.0, 5258.0, 5364.0, 5621.0, 5280.0, 5454.0, 5461.0, 5558.0, 5370.0, 5312.0, 5376.0, 5624.0, 5545.0, 5355.0, 5709.0, 5457.0, 5327.0,

						5635.0, 5524.0, 5378.0, 5522.0, 5352.0, 5578.0, 5357.0, 5503.0, 5528.0, 5489.0, 5427.0, 5638.0, 5356.0, 5422.0, 5482.0, 5658.0, 5695.0, 5596.0, 5335.0, 5401.0, 5614.0, 5633.0, 5442.0, 5472.0, 5259.0, 5512.0, 5686.0, 5276.0, 5648.0, 5483.0, 5406.0, 5272.0, 5705.0, 5311.0, 5693.0, 5261.0, 5329.0, 5620.0, 5273.0, 5544.0, 5397.0, 5586.0, 5652.0, 5712.0, 5563.0, 5530.0, 5580.0, 5617.0, 5285.0, 5562.0, 5372.0, 5367.0, 5336.0, 5371.0, 5618.0, 5637.0, 5538.0, 5366.0, 5460.0, 5670.0, 5559.0, 5696.0, 5375.0, 5343.0, 5491.0 (number of hits: 12)
7	5270	9	1	333	1	5357.0, 5703.0, 5614.0, 5306.0, 5278.0, 5317.0, 5454.0, 5335.0, 5386.0, 5259.0, 5581.0, 5450.0, 5587.0, 5538.0, 5403.0, 5289.0, 5398.0, 5257.0, 5339.0, 5514.0, 5540.0, 5547.0, 5674.0, 5304.0, 5718.0, 5541.0, 5280.0, 5678.0, 5577.0, 5647.0, 5480.0, 5694.0, 5653.0, 5568.0, 5364.0, 5484.0, 5602.0, 5329.0, 5359.0, 5597.0, 5348.0, 5352.0, 5493.0, 5611.0, 5430.0, 5262.0, 5663.0, 5325.0, 5427.0, 5381.0, 5585.0, 5643.0, 5314.0, 5624.0, 5464.0, 5580.0, 5685.0, 5399.0, 5565.0, 5265.0, 5414.0, 5600.0, 5298.0, 5695.0, 5616.0, 5300.0, 5272.0, 5380.0, 5655.0, 5504.0, 5276.0, 5266.0, 5498.0, 5261.0, 5631.0, 5619.0, 5362.0, 5658.0, 5476.0, 5672.0, 5546.0, 5263.0, 5572.0, 5509.0, 5518.0, 5343.0, 5534.0, 5410.0, 5651.0, 5535.0, 5351.0, 5690.0, 5549.0, 5419.0, 5552.0, 5595.0, 5666.0, 5433.0, 5606.0, 5485.0 (number of hits: 12)
8	5270	9	1	333	1	5601.0, 5516.0, 5444.0, 5640.0, 5545.0, 5304.0, 5580.0, 5368.0, 5285.0, 5560.0, 5720.0, 5319.0, 5287.0, 5615.0, 5641.0, 5387.0, 5281.0, 5290.0, 5263.0, 5454.0, 5569.0, 5672.0, 5282.0, 5340.0, 5711.0, 5531.0, 5626.0, 5716.0, 5639.0, 5477.0, 5698.0, 5659.0, 5271.0, 5628.0, 5633.0, 5461.0, 5501.0, 5400.0, 5404.0, 5561.0, 5267.0, 5431.0, 5283.0, 5298.0, 5413.0, 5504.0, 5486.0, 5658.0, 5706.0, 5308.0, 5457.0, 5253.0, 5424.0, 5270.0, 5549.0, 5699.0, 5302.0, 5535.0, 5295.0, 5591.0, 5289.0, 5636.0, 5586.0, 5637.0, 5286.0, 5502.0, 5380.0, 5362.0, 5598.0, 5638.0, 5323.0, 5692.0, 5682.0, 5389.0, 5403.0, 5347.0, 5333.0, 5701.0, 5465.0, 5401.0, 5471.0, 5691.0, 5273.0, 5651.0, 5511.0, 5252.0, 5272.0, 5434.0, 5396.0, 5587.0, 5441.0, 5276.0, 5685.0, 5472.0, 5417.0, 5491.0, 5407.0, 5436.0, 5322.0, 5296.0 (number of hits: 16)
9	5270	9	1	333	1	5380.0, 5544.0, 5643.0, 5547.0, 5630.0, 5714.0, 5323.0, 5456.0, 5466.0, 5551.0, 5588.0, 5304.0, 5617.0, 5458.0, 5571.0,

						5340.0, 5661.0, 5601.0, 5644.0, 5717.0, 5603.0, 5332.0, 5675.0, 5486.0, 5359.0, 5447.0, 5422.0, 5698.0, 5306.0, 5253.0, 5518.0, 5343.0, 5578.0, 5538.0, 5609.0, 5426.0, 5648.0, 5440.0, 5556.0, 5385.0, 5565.0, 5267.0, 5389.0, 5482.0, 5610.0, 5255.0, 5626.0, 5650.0, 5520.0, 5491.0, 5489.0, 5312.0, 5387.0, 5562.0, 5431.0, 5311.0, 5384.0, 5404.0, 5606.0, 5352.0, 5521.0, 5678.0, 5497.0, 5357.0, 5314.0, 5682.0, 5442.0, 5683.0, 5374.0, 5519.0, 5275.0, 5568.0, 5437.0, 5586.0, 5420.0, 5353.0, 5640.0, 5433.0, 5324.0, 5371.0, 5280.0, 5720.0, 5356.0, 5712.0, 5455.0, 5555.0, 5679.0, 5264.0, 5434.0, 5654.0, 5539.0, 5309.0, 5258.0, 5432.0, 5664.0, 5523.0, 5416.0, 5470.0, 5450.0, 5464.0 (number of hits: 7)
10	5270	9	1	333	1	5527.0, 5582.0, 5419.0, 5363.0, 5392.0, 5464.0, 5598.0, 5622.0, 5688.0, 5604.0, 5529.0, 5378.0, 5686.0, 5467.0, 5507.0, 5660.0, 5544.0, 5361.0, 5717.0, 5281.0, 5455.0, 5620.0, 5425.0, 5554.0, 5459.0, 5342.0, 5497.0, 5364.0, 5673.0, 5282.0, 5718.0, 5689.0, 5656.0, 5346.0, 5509.0, 5480.0, 5402.0, 5623.0, 5294.0, 5504.0, 5398.0, 5566.0, 5591.0, 5563.0, 5466.0, 5324.0, 5431.0, 5536.0, 5372.0, 5562.0, 5327.0, 5592.0, 5297.0, 5572.0, 5286.0, 5646.0, 5648.0, 5375.0, 5595.0, 5481.0, 5305.0, 5325.0, 5555.0, 5632.0, 5333.0, 5288.0, 5320.0, 5347.0, 5356.0, 5664.0, 5440.0, 5579.0, 5499.0, 5493.0, 5276.0, 5537.0, 5574.0, 5414.0, 5524.0, 5500.0, 5584.0, 5603.0, 5418.0, 5589.0, 5348.0, 5343.0, 5277.0, 5661.0, 5663.0, 5460.0, 5285.0, 5262.0, 5713.0, 5264.0, 5532.0, 5543.0, 5674.0, 5259.0, 5668.0, 5700.0 (number of hits: 10)
11	5270	9	1	333	1	5260.0, 5268.0, 5460.0, 5386.0, 5418.0, 5428.0, 5512.0, 5666.0, 5496.0, 5275.0, 5578.0, 5423.0, 5673.0, 5657.0, 5626.0, 5445.0, 5511.0, 5546.0, 5477.0, 5282.0, 5395.0, 5267.0, 5704.0, 5484.0, 5342.0, 5543.0, 5620.0, 5430.0, 5547.0, 5393.0, 5576.0, 5340.0, 5526.0, 5659.0, 5583.0, 5412.0, 5353.0, 5265.0, 5516.0, 5311.0, 5409.0, 5499.0, 5702.0, 5471.0, 5459.0, 5469.0, 5429.0, 5413.0, 5388.0, 5284.0, 5417.0, 5603.0, 5689.0, 5638.0, 5424.0, 5580.0, 5640.0, 5251.0, 5498.0, 5707.0, 5273.0, 5313.0, 5614.0, 5567.0, 5446.0, 5401.0, 5483.0, 5544.0, 5545.0, 5364.0, 5723.0, 5420.0, 5367.0, 5679.0, 5542.0, 5380.0, 5537.0, 5581.0, 5350.0, 5466.0, 5443.0, 5470.0, 5532.0, 5426.0, 5629.0, 5286.0, 5440.0, 5312.0, 5566.0, 5680.0, 5270.0, 5308.0, 5502.0, 5307.0, 5325.0, 5618.0, 5389.0, 5577.0, 5641.0, 5523.0

						(number of hits: 11)
12	5270	9	1	333	1	5484.0, 5379.0, 5721.0, 5357.0, 5640.0, 5576.0, 5496.0, 5628.0, 5348.0, 5597.0, 5337.0, 5435.0, 5284.0, 5667.0, 5441.0, 5633.0, 5253.0, 5617.0, 5649.0, 5550.0, 5444.0, 5523.0, 5682.0, 5711.0, 5500.0, 5535.0, 5480.0, 5252.0, 5590.0, 5687.0, 5629.0, 5572.0, 5547.0, 5298.0, 5559.0, 5350.0, 5548.0, 5722.0, 5340.0, 5280.0, 5256.0, 5353.0, 5647.0, 5408.0, 5295.0, 5717.0, 5509.0, 5599.0, 5536.0, 5490.0, 5262.0, 5530.0, 5403.0, 5320.0, 5392.0, 5618.0, 5349.0, 5338.0, 5632.0, 5451.0, 5397.0, 5638.0, 5528.0, 5596.0, 5391.0, 5365.0, 5718.0, 5363.0, 5669.0, 5595.0, 5692.0, 5466.0, 5685.0, 5666.0, 5704.0, 5296.0, 5471.0, 5541.0, 5329.0, 5588.0, 5488.0, 5626.0, 5656.0, 5661.0, 5395.0, 5426.0, 5568.0, 5639.0, 5683.0, 5413.0, 5470.0, 5616.0, 5278.0, 5415.0, 5450.0, 5720.0, 5573.0, 5512.0, 5467.0, 5556.0
						(number of hits: 7)
13	5270	9	1	333	1	5489.0, 5285.0, 5470.0, 5461.0, 5287.0, 5694.0, 5519.0, 5538.0, 5371.0, 5654.0, 5661.0, 5658.0, 5604.0, 5447.0, 5517.0, 5557.0, 5546.0, 5540.0, 5573.0, 5692.0, 5463.0, 5394.0, 5433.0, 5309.0, 5551.0, 5635.0, 5409.0, 5667.0, 5721.0, 5340.0, 5408.0, 5525.0, 5274.0, 5682.0, 5356.0, 5465.0, 5565.0, 5323.0, 5485.0, 5555.0, 5316.0, 5453.0, 5359.0, 5684.0, 5685.0, 5699.0, 5308.0, 5586.0, 5390.0, 5446.0, 5357.0, 5286.0, 5324.0, 5691.0, 5660.0, 5482.0, 5656.0, 5569.0, 5326.0, 5562.0, 5612.0, 5441.0, 5624.0, 5633.0, 5456.0, 5641.0, 5605.0, 5455.0, 5473.0, 5494.0, 5348.0, 5429.0, 5472.0, 5254.0, 5651.0, 5548.0, 5423.0, 5379.0, 5610.0, 5513.0, 5524.0, 5267.0, 5509.0, 5539.0, 5346.0, 5712.0, 5515.0, 5615.0, 5318.0, 5355.0, 5547.0, 5717.0, 5272.0, 5588.0, 5486.0, 5622.0, 5400.0, 5464.0, 5295.0, 5448.0
						(number of hits: 7)
14	5270	9	1	333	1	5640.0, 5421.0, 5371.0, 5539.0, 5398.0, 5513.0, 5302.0, 5475.0, 5517.0, 5456.0, 5586.0, 5443.0, 5370.0, 5587.0, 5596.0, 5455.0, 5361.0, 5265.0, 5381.0, 5359.0, 5597.0, 5413.0, 5295.0, 5504.0, 5474.0, 5514.0, 5324.0, 5657.0, 5605.0, 5524.0, 5614.0, 5525.0, 5336.0, 5628.0, 5695.0, 5705.0, 5378.0, 5466.0, 5635.0, 5674.0, 5486.0, 5531.0, 5527.0, 5551.0, 5393.0, 5493.0, 5622.0, 5498.0, 5477.0, 5429.0, 5685.0, 5374.0, 5638.0, 5683.0, 5367.0, 5470.0, 5385.0, 5444.0, 5681.0, 5643.0, 5652.0, 5565.0, 5356.0, 5501.0, 5502.0, 5544.0, 5258.0, 5253.0, 5546.0, 5648.0, 5465.0, 5463.0, 5392.0, 5448.0, 5395.0, 5468.0, 5363.0, 5521.0, 5697.0, 5431.0,

						5505.0, 5528.0, 5592.0, 5425.0, 5585.0, 5473.0, 5563.0, 5668.0, 5675.0, 5516.0, 5333.0, 5271.0, 5509.0, 5600.0, 5584.0, 5373.0, 5598.0, 5285.0, 5686.0, 5301.0 (number of hits: 5)
15	5270	9	1	333	1	5542.0, 5487.0, 5659.0, 5507.0, 5541.0, 5370.0, 5706.0, 5373.0, 5524.0, 5630.0, 5457.0, 5712.0, 5605.0, 5456.0, 5445.0, 5512.0, 5299.0, 5627.0, 5566.0, 5707.0, 5417.0, 5295.0, 5354.0, 5311.0, 5390.0, 5646.0, 5387.0, 5337.0, 5583.0, 5361.0, 5460.0, 5640.0, 5619.0, 5716.0, 5271.0, 5399.0, 5318.0, 5618.0, 5670.0, 5374.0, 5422.0, 5315.0, 5501.0, 5385.0, 5302.0, 5526.0, 5538.0, 5668.0, 5300.0, 5376.0, 5435.0, 5358.0, 5555.0, 5266.0, 5575.0, 5682.0, 5493.0, 5414.0, 5562.0, 5571.0, 5486.0, 5454.0, 5517.0, 5711.0, 5410.0, 5593.0, 5699.0, 5383.0, 5722.0, 5479.0, 5274.0, 5468.0, 5265.0, 5592.0, 5296.0, 5289.0, 5477.0, 5509.0, 5591.0, 5357.0, 5554.0, 5673.0, 5473.0, 5573.0, 5632.0, 5334.0, 5467.0, 5499.0, 5333.0, 5405.0, 5255.0, 5398.0, 5503.0, 5281.0, 5379.0, 5708.0, 5261.0, 5364.0, 5648.0, 5425.0 (number of hits: 8)
16	5270	9	1	333	1	5258.0, 5344.0, 5252.0, 5695.0, 5566.0, 5303.0, 5326.0, 5604.0, 5432.0, 5586.0, 5573.0, 5251.0, 5390.0, 5393.0, 5376.0, 5595.0, 5370.0, 5721.0, 5693.0, 5275.0, 5514.0, 5667.0, 5639.0, 5671.0, 5294.0, 5630.0, 5474.0, 5551.0, 5515.0, 5428.0, 5716.0, 5655.0, 5608.0, 5356.0, 5580.0, 5622.0, 5525.0, 5650.0, 5672.0, 5470.0, 5611.0, 5268.0, 5482.0, 5297.0, 5455.0, 5636.0, 5592.0, 5420.0, 5306.0, 5688.0, 5449.0, 5469.0, 5416.0, 5296.0, 5583.0, 5498.0, 5345.0, 5452.0, 5543.0, 5444.0, 5533.0, 5541.0, 5663.0, 5599.0, 5654.0, 5632.0, 5510.0, 5460.0, 5377.0, 5413.0, 5526.0, 5697.0, 5712.0, 5532.0, 5679.0, 5651.0, 5348.0, 5434.0, 5706.0, 5660.0, 5613.0, 5555.0, 5560.0, 5603.0, 5614.0, 5513.0, 5357.0, 5379.0, 5487.0, 5276.0, 5315.0, 5658.0, 5626.0, 5447.0, 5332.0, 5618.0, 5335.0, 5471.0, 5359.0, 5339.0 (number of hits: 6)
17	5270	9	1	333	1	5370.0, 5645.0, 5568.0, 5548.0, 5455.0, 5509.0, 5717.0, 5562.0, 5310.0, 5327.0, 5647.0, 5511.0, 5550.0, 5667.0, 5539.0, 5629.0, 5721.0, 5658.0, 5619.0, 5471.0, 5433.0, 5670.0, 5652.0, 5290.0, 5637.0, 5372.0, 5578.0, 5497.0, 5334.0, 5434.0, 5454.0, 5309.0, 5396.0, 5333.0, 5383.0, 5719.0, 5625.0, 5507.0, 5684.0, 5341.0, 5270.0, 5676.0, 5394.0, 5720.0, 5445.0, 5397.0, 5252.0, 5324.0, 5716.0, 5494.0, 5693.0, 5646.0, 5273.0, 5480.0, 5520.0, 5261.0, 5422.0, 5642.0, 5375.0, 5278.0,

						5569.0, 5529.0, 5571.0, 5462.0, 5379.0, 5602.0, 5337.0, 5697.0, 5427.0, 5459.0, 5371.0, 5419.0, 5289.0, 5547.0, 5262.0, 5339.0, 5430.0, 5552.0, 5395.0, 5360.0, 5582.0, 5661.0, 5653.0, 5687.0, 5301.0, 5363.0, 5668.0, 5313.0, 5660.0, 5590.0, 5305.0, 5543.0, 5483.0, 5405.0, 5722.0, 5423.0, 5364.0, 5665.0, 5444.0, 5366.0 (number of hits: 7)
18	5270	9	1	333	1	5320.0, 5477.0, 5711.0, 5532.0, 5475.0, 5518.0, 5537.0, 5575.0, 5274.0, 5473.0, 5706.0, 5426.0, 5536.0, 5460.0, 5624.0, 5472.0, 5491.0, 5628.0, 5339.0, 5616.0, 5395.0, 5454.0, 5342.0, 5680.0, 5329.0, 5687.0, 5444.0, 5635.0, 5656.0, 5715.0, 5410.0, 5564.0, 5257.0, 5433.0, 5606.0, 5699.0, 5273.0, 5595.0, 5349.0, 5538.0, 5406.0, 5482.0, 5430.0, 5587.0, 5337.0, 5353.0, 5557.0, 5407.0, 5262.0, 5304.0, 5254.0, 5443.0, 5495.0, 5673.0, 5414.0, 5474.0, 5512.0, 5506.0, 5419.0, 5306.0, 5301.0, 5324.0, 5437.0, 5459.0, 5682.0, 5520.0, 5266.0, 5415.0, 5405.0, 5292.0, 5256.0, 5280.0, 5625.0, 5648.0, 5387.0, 5600.0, 5615.0, 5576.0, 5716.0, 5356.0, 5451.0, 5360.0, 5583.0, 5695.0, 5398.0, 5255.0, 5276.0, 5432.0, 5545.0, 5526.0, 5631.0, 5399.0, 5707.0, 5717.0, 5678.0, 5287.0, 5684.0, 5503.0, 5384.0, 5452.0 (number of hits: 11)
19	5270	9	1	333	1	5251.0, 5642.0, 5548.0, 5401.0, 5580.0, 5390.0, 5296.0, 5282.0, 5371.0, 5284.0, 5694.0, 5321.0, 5358.0, 5707.0, 5564.0, 5676.0, 5627.0, 5716.0, 5695.0, 5368.0, 5388.0, 5355.0, 5629.0, 5343.0, 5535.0, 5509.0, 5611.0, 5479.0, 5495.0, 5402.0, 5702.0, 5531.0, 5459.0, 5501.0, 5363.0, 5645.0, 5313.0, 5314.0, 5686.0, 5482.0, 5658.0, 5404.0, 5718.0, 5410.0, 5351.0, 5517.0, 5715.0, 5639.0, 5494.0, 5488.0, 5323.0, 5285.0, 5412.0, 5409.0, 5418.0, 5364.0, 5359.0, 5447.0, 5384.0, 5612.0, 5636.0, 5327.0, 5414.0, 5490.0, 5423.0, 5582.0, 5521.0, 5515.0, 5538.0, 5566.0, 5465.0, 5665.0, 5527.0, 5713.0, 5546.0, 5422.0, 5275.0, 5585.0, 5450.0, 5603.0, 5619.0, 5454.0, 5542.0, 5496.0, 5630.0, 5292.0, 5443.0, 5288.0, 5519.0, 5576.0, 5291.0, 5692.0, 5592.0, 5348.0, 5680.0, 5581.0, 5522.0, 5326.0, 5297.0, 5301.0 (number of hits: 6)
20	5270	9	1	333	1	5370.0, 5337.0, 5664.0, 5699.0, 5375.0, 5672.0, 5396.0, 5379.0, 5416.0, 5579.0, 5570.0, 5463.0, 5706.0, 5340.0, 5640.0, 5320.0, 5319.0, 5525.0, 5317.0, 5678.0, 5441.0, 5503.0, 5465.0, 5692.0, 5343.0, 5722.0, 5619.0, 5721.0, 5538.0, 5415.0, 5559.0, 5618.0, 5599.0, 5693.0, 5513.0, 5568.0, 5358.0, 5255.0, 5430.0, 5410.0,

						5411.0, 5439.0, 5346.0, 5717.0, 5582.0, 5627.0, 5470.0, 5292.0, 5490.0, 5508.0, 5267.0, 5494.0, 5697.0, 5459.0, 5663.0, 5417.0, 5674.0, 5349.0, 5655.0, 5690.0, 5665.0, 5380.0, 5575.0, 5368.0, 5573.0, 5691.0, 5460.0, 5278.0, 5257.0, 5662.0, 5566.0, 5471.0, 5353.0, 5620.0, 5425.0, 5481.0, 5428.0, 5600.0, 5504.0, 5587.0, 5359.0, 5298.0, 5708.0, 5684.0, 5438.0, 5412.0, 5262.0, 5711.0, 5621.0, 5311.0, 5688.0, 5326.0, 5270.0, 5404.0, 5686.0, 5502.0, 5673.0, 5597.0, 5458.0, 5334.0 (number of hits: 6)
21	5270	9	1	333	1	5255.0, 5536.0, 5653.0, 5364.0, 5390.0, 5298.0, 5661.0, 5377.0, 5600.0, 5544.0, 5340.0, 5353.0, 5436.0, 5450.0, 5583.0, 5463.0, 5341.0, 5304.0, 5376.0, 5389.0, 5707.0, 5363.0, 5435.0, 5323.0, 5337.0, 5512.0, 5387.0, 5532.0, 5588.0, 5695.0, 5434.0, 5250.0, 5259.0, 5507.0, 5417.0, 5289.0, 5312.0, 5498.0, 5315.0, 5327.0, 5395.0, 5590.0, 5316.0, 5572.0, 5396.0, 5497.0, 5570.0, 5489.0, 5595.0, 5415.0, 5721.0, 5714.0, 5426.0, 5682.0, 5644.0, 5494.0, 5314.0, 5574.0, 5277.0, 5371.0, 5431.0, 5381.0, 5392.0, 5457.0, 5328.0, 5420.0, 5414.0, 5474.0, 5487.0, 5519.0, 5568.0, 5408.0, 5704.0, 5470.0, 5547.0, 5464.0, 5295.0, 5555.0, 5433.0, 5636.0, 5575.0, 5424.0, 5599.0, 5703.0, 5313.0, 5367.0, 5654.0, 5318.0, 5307.0, 5674.0, 5479.0, 5419.0, 5443.0, 5611.0, 5500.0, 5480.0, 5454.0, 5642.0, 5538.0, 5309.0 (number of hits: 5)
22	5270	9	1	333	1	5700.0, 5451.0, 5702.0, 5675.0, 5681.0, 5426.0, 5647.0, 5711.0, 5571.0, 5689.0, 5265.0, 5719.0, 5599.0, 5704.0, 5390.0, 5403.0, 5287.0, 5520.0, 5292.0, 5619.0, 5327.0, 5350.0, 5651.0, 5662.0, 5504.0, 5411.0, 5466.0, 5710.0, 5289.0, 5644.0, 5447.0, 5530.0, 5477.0, 5347.0, 5301.0, 5487.0, 5601.0, 5465.0, 5258.0, 5695.0, 5604.0, 5457.0, 5311.0, 5282.0, 5420.0, 5534.0, 5250.0, 5682.0, 5640.0, 5415.0, 5271.0, 5351.0, 5688.0, 5381.0, 5629.0, 5317.0, 5546.0, 5684.0, 5268.0, 5495.0, 5657.0, 5615.0, 5449.0, 5635.0, 5300.0, 5673.0, 5478.0, 5325.0, 5419.0, 5570.0, 5683.0, 5414.0, 5542.0, 5444.0, 5345.0, 5456.0, 5539.0, 5653.0, 5396.0, 5366.0, 5256.0, 5468.0, 5408.0, 5674.0, 5297.0, 5337.0, 5446.0, 5560.0, 5602.0, 5656.0, 5658.0, 5376.0, 5455.0, 5701.0, 5407.0, 5593.0, 5642.0, 5605.0, 5524.0, 5335.0 (number of hits: 9)
23	5270	9	1	333	1	5509.0, 5538.0, 5277.0, 5526.0, 5471.0, 5349.0, 5460.0, 5517.0, 5717.0, 5711.0, 5272.0, 5359.0, 5384.0, 5588.0, 5412.0, 5638.0, 5284.0, 5407.0, 5295.0, 5388.0,

						5357.0, 5486.0, 5273.0, 5498.0, 5489.0, 5678.0, 5642.0, 5506.0, 5569.0, 5399.0, 5500.0, 5549.0, 5317.0, 5621.0, 5634.0, 5444.0, 5573.0, 5411.0, 5675.0, 5577.0, 5337.0, 5396.0, 5503.0, 5513.0, 5564.0, 5441.0, 5463.0, 5465.0, 5470.0, 5598.0, 5268.0, 5345.0, 5565.0, 5669.0, 5524.0, 5472.0, 5673.0, 5351.0, 5414.0, 5547.0, 5540.0, 5459.0, 5617.0, 5596.0, 5458.0, 5541.0, 5420.0, 5708.0, 5446.0, 5413.0, 5629.0, 5677.0, 5520.0, 5252.0, 5455.0, 5654.0, 5578.0, 5555.0, 5579.0, 5410.0, 5319.0, 5452.0, 5615.0, 5557.0, 5667.0, 5545.0, 5251.0, 5254.0, 5698.0, 5398.0, 5484.0, 5694.0, 5297.0, 5401.0, 5688.0, 5591.0, 5440.0, 5354.0, 5469.0, 5390.0 (number of hits: 8)
24	5270	9	1	333	1	5364.0, 5379.0, 5640.0, 5500.0, 5633.0, 5389.0, 5466.0, 5424.0, 5513.0, 5391.0, 5418.0, 5275.0, 5401.0, 5721.0, 5495.0, 5605.0, 5449.0, 5614.0, 5720.0, 5459.0, 5271.0, 5277.0, 5382.0, 5338.0, 5374.0, 5676.0, 5393.0, 5648.0, 5403.0, 5355.0, 5572.0, 5690.0, 5482.0, 5405.0, 5435.0, 5644.0, 5723.0, 5623.0, 5362.0, 5295.0, 5276.0, 5433.0, 5291.0, 5529.0, 5322.0, 5553.0, 5366.0, 5594.0, 5593.0, 5538.0, 5427.0, 5451.0, 5280.0, 5339.0, 5250.0, 5562.0, 5706.0, 5532.0, 5524.0, 5611.0, 5689.0, 5666.0, 5265.0, 5657.0, 5475.0, 5503.0, 5707.0, 5587.0, 5573.0, 5447.0, 5510.0, 5577.0, 5581.0, 5294.0, 5599.0, 5372.0, 5394.0, 5519.0, 5695.0, 5517.0, 5344.0, 5331.0, 5680.0, 5264.0, 5354.0, 5273.0, 5288.0, 5653.0, 5589.0, 5454.0, 5307.0, 5335.0, 5296.0, 5564.0, 5262.0, 5694.0, 5305.0, 5301.0, 5334.0, 5602.0 (number of hits: 11)
25	5270	9	1	333	1	5359.0, 5510.0, 5607.0, 5710.0, 5426.0, 5298.0, 5252.0, 5374.0, 5550.0, 5311.0, 5644.0, 5404.0, 5712.0, 5264.0, 5409.0, 5688.0, 5283.0, 5606.0, 5592.0, 5290.0, 5272.0, 5536.0, 5346.0, 5487.0, 5304.0, 5569.0, 5515.0, 5489.0, 5611.0, 5638.0, 5387.0, 5363.0, 5275.0, 5625.0, 5377.0, 5653.0, 5293.0, 5525.0, 5316.0, 5410.0, 5649.0, 5317.0, 5683.0, 5552.0, 5458.0, 5612.0, 5587.0, 5475.0, 5707.0, 5454.0, 5617.0, 5307.0, 5614.0, 5392.0, 5498.0, 5305.0, 5561.0, 5590.0, 5301.0, 5548.0, 5285.0, 5693.0, 5718.0, 5405.0, 5577.0, 5385.0, 5675.0, 5288.0, 5624.0, 5682.0, 5628.0, 5343.0, 5636.0, 5620.0, 5468.0, 5471.0, 5447.0, 5530.0, 5434.0, 5482.0, 5466.0, 5375.0, 5667.0, 5681.0, 5347.0, 5352.0, 5539.0, 5568.0, 5616.0, 5719.0, 5599.0, 5634.0, 5537.0, 5325.0, 5554.0, 5331.0, 5473.0, 5701.0, 5376.0, 5274.0 (number of hits: 8)

26	5270	9	1	333	1	5669.0, 5454.0, 5578.0, 5661.0, 5687.0, 5479.0, 5266.0, 5254.0, 5519.0, 5419.0, 5428.0, 5275.0, 5258.0, 5612.0, 5311.0, 5503.0, 5286.0, 5633.0, 5493.0, 5381.0, 5648.0, 5500.0, 5600.0, 5539.0, 5343.0, 5597.0, 5332.0, 5580.0, 5379.0, 5598.0, 5620.0, 5269.0, 5315.0, 5691.0, 5406.0, 5325.0, 5557.0, 5569.0, 5672.0, 5608.0, 5313.0, 5606.0, 5366.0, 5710.0, 5588.0, 5513.0, 5489.0, 5540.0, 5495.0, 5700.0, 5429.0, 5331.0, 5306.0, 5410.0, 5654.0, 5701.0, 5720.0, 5298.0, 5441.0, 5309.0, 5327.0, 5501.0, 5525.0, 5414.0, 5531.0, 5530.0, 5285.0, 5345.0, 5527.0, 5554.0, 5544.0, 5341.0, 5659.0, 5528.0, 5291.0, 5705.0, 5445.0, 5626.0, 5555.0, 5408.0, 5358.0, 5694.0, 5423.0, 5270.0, 5465.0, 5463.0, 5702.0, 5473.0, 5356.0, 5344.0, 5369.0, 5355.0, 5625.0, 5403.0, 5490.0, 5511.0, 5347.0, 5448.0, 5281.0, 5657.0 (number of hits: 9)
27	5270	9	1	333	1	5371.0, 5688.0, 5491.0, 5413.0, 5722.0, 5508.0, 5655.0, 5331.0, 5649.0, 5477.0, 5660.0, 5433.0, 5457.0, 5531.0, 5518.0, 5415.0, 5295.0, 5674.0, 5720.0, 5640.0, 5536.0, 5517.0, 5389.0, 5356.0, 5576.0, 5423.0, 5715.0, 5570.0, 5520.0, 5503.0, 5286.0, 5502.0, 5519.0, 5283.0, 5294.0, 5361.0, 5258.0, 5385.0, 5632.0, 5432.0, 5461.0, 5460.0, 5266.0, 5665.0, 5507.0, 5399.0, 5690.0, 5377.0, 5275.0, 5363.0, 5554.0, 5628.0, 5436.0, 5696.0, 5575.0, 5595.0, 5469.0, 5585.0, 5349.0, 5704.0, 5332.0, 5500.0, 5693.0, 5499.0, 5528.0, 5368.0, 5529.0, 5485.0, 5670.0, 5434.0, 5427.0, 5437.0, 5269.0, 5495.0, 5602.0, 5565.0, 5405.0, 5455.0, 5534.0, 5703.0, 5544.0, 5290.0, 5384.0, 5339.0, 5567.0, 5264.0, 5560.0, 5671.0, 5456.0, 5412.0, 5678.0, 5260.0, 5563.0, 5287.0, 5355.0, 5538.0, 5307.0, 5551.0, 5392.0, 5687.0 (number of hits: 9)
28	5270	9	1	333	1	5375.0, 5512.0, 5389.0, 5270.0, 5471.0, 5617.0, 5536.0, 5492.0, 5502.0, 5706.0, 5650.0, 5253.0, 5598.0, 5266.0, 5318.0, 5493.0, 5668.0, 5570.0, 5294.0, 5356.0, 5259.0, 5628.0, 5629.0, 5409.0, 5421.0, 5413.0, 5592.0, 5518.0, 5703.0, 5277.0, 5274.0, 5632.0, 5337.0, 5535.0, 5254.0, 5390.0, 5564.0, 5648.0, 5420.0, 5689.0, 5488.0, 5441.0, 5548.0, 5681.0, 5656.0, 5293.0, 5529.0, 5569.0, 5378.0, 5320.0, 5523.0, 5466.0, 5272.0, 5573.0, 5568.0, 5557.0, 5362.0, 5336.0, 5463.0, 5670.0, 5479.0, 5334.0, 5517.0, 5335.0, 5357.0, 5495.0, 5659.0, 5550.0, 5398.0, 5515.0, 5372.0, 5634.0, 5605.0, 5461.0, 5297.0, 5339.0, 5707.0, 5586.0, 5556.0, 5686.0, 5507.0, 5699.0, 5302.0, 5571.0, 5665.0,

						5284.0, 5325.0, 5711.0, 5252.0, 5641.0, 5367.0, 5464.0, 5510.0, 5419.0, 5596.0, 5396.0, 5595.0, 5275.0, 5553.0, 5321.0 (number of hits: 11)
29	5270	9	1	333	1	5526.0, 5418.0, 5567.0, 5512.0, 5687.0, 5626.0, 5425.0, 5515.0, 5267.0, 5409.0, 5265.0, 5571.0, 5498.0, 5652.0, 5541.0, 5715.0, 5609.0, 5410.0, 5491.0, 5329.0, 5352.0, 5712.0, 5537.0, 5429.0, 5657.0, 5306.0, 5706.0, 5669.0, 5501.0, 5396.0, 5568.0, 5478.0, 5509.0, 5299.0, 5658.0, 5442.0, 5505.0, 5371.0, 5553.0, 5357.0, 5645.0, 5532.0, 5428.0, 5506.0, 5624.0, 5531.0, 5292.0, 5551.0, 5394.0, 5424.0, 5304.0, 5469.0, 5324.0, 5508.0, 5565.0, 5497.0, 5647.0, 5412.0, 5420.0, 5317.0, 5440.0, 5453.0, 5576.0, 5309.0, 5703.0, 5295.0, 5527.0, 5254.0, 5361.0, 5392.0, 5258.0, 5668.0, 5321.0, 5297.0, 5692.0, 5594.0, 5539.0, 5252.0, 5605.0, 5513.0, 5611.0, 5619.0, 5666.0, 5643.0, 5540.0, 5468.0, 5294.0, 5356.0, 5561.0, 5710.0, 5581.0, 5683.0, 5348.0, 5383.0, 5688.0, 5542.0, 5659.0, 5584.0, 5543.0, 5720.0 (number of hits: 5)
30	5270	9	1	333	1	5323.0, 5288.0, 5356.0, 5367.0, 5358.0, 5716.0, 5385.0, 5637.0, 5668.0, 5256.0, 5577.0, 5405.0, 5272.0, 5371.0, 5614.0, 5563.0, 5531.0, 5573.0, 5694.0, 5382.0, 5552.0, 5420.0, 5698.0, 5442.0, 5580.0, 5400.0, 5631.0, 5565.0, 5530.0, 5501.0, 5504.0, 5444.0, 5457.0, 5311.0, 5257.0, 5500.0, 5674.0, 5443.0, 5327.0, 5387.0, 5506.0, 5280.0, 5468.0, 5369.0, 5259.0, 5425.0, 5619.0, 5253.0, 5704.0, 5705.0, 5414.0, 5592.0, 5683.0, 5523.0, 5341.0, 5321.0, 5599.0, 5428.0, 5282.0, 5505.0, 5622.0, 5361.0, 5529.0, 5408.0, 5461.0, 5487.0, 5587.0, 5492.0, 5474.0, 5595.0, 5508.0, 5609.0, 5335.0, 5359.0, 5373.0, 5441.0, 5255.0, 5277.0, 5517.0, 5560.0, 5643.0, 5568.0, 5364.0, 5533.0, 5438.0, 5429.0, 5485.0, 5432.0, 5641.0, 5663.0, 5639.0, 5482.0, 5626.0, 5258.0, 5399.0, 5376.0, 5314.0, 5648.0, 5435.0, 5519.0 (number of hits: 11)

5290 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	70 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	90.825 %	80%	Pass
Type 5	30	86.7 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5290 MHz, 80 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	92	1	578	1
2	5290	63	1	838	1
3	5290	99	1	538	1
4	5290	102	1	518	1
5	5290	59	1	898	1
6	5290	61	1	878	1
7	5290	81	1	658	1
8	5290	86	1	618	1
9	5290	78	1	678	1
10	5290	57	1	938	1
11	5290	62	1	858	1
12	5290	58	1	918	1
13	5290	76	1	698	1
14	5290	67	1	798	1
15	5290	72	1	738	1
16	5290	19	1	2906	1
17	5290	32	1	1673	1
18	5290	39	1	1386	1
19	5290	29	1	1835	1
20	5290	20	1	2772	1
21	5290	25	1	2167	1
22	5290	59	1	896	1
23	5290	46	1	1150	1
24	5290	19	1	2808	1
25	5290	20	1	2752	1
26	5290	24	1	2206	1
27	5290	20	1	2692	1
28	5290	19	1	2788	1
29	5290	45	1	1175	1
30	5290	26	1	2075	1

Detection Percentage: 100 % (>60%)

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	27	1.4	163	1
2	5290	26	1.9	222	1
3	5290	29	1	180	1
4	5290	24	1	168	1
5	5290	24	2.4	161	1
6	5290	23	2.5	153	1
7	5290	27	2.4	224	1
8	5290	29	3.6	174	1
9	5290	25	3.3	185	1
10	5290	24	3	202	1
11	5290	24	3.8	152	1
12	5290	23	4.4	213	1
13	5290	28	4	213	1
14	5290	26	3.7	230	1
15	5290	23	1.1	167	1
16	5290	24	3.5	197	1
17	5290	24	1.9	165	1
18	5290	29	3.1	229	1
19	5290	28	4.2	187	1
20	5290	27	1.5	205	1
21	5290	26	1.3	189	1
22	5290	28	2.2	166	1
23	5290	29	4.6	197	1
24	5290	28	3.4	224	1
25	5290	29	4.9	197	1
26	5290	27	2.8	164	1
27	5290	29	2.7	208	1
28	5290	29	4.6	184	1
29	5290	26	1.6	193	1
30	5290	28	3.9	226	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	17	9.6	472	1
2	5290	18	8.7	303	0
3	5290	17	7.1	283	1
4	5290	17	9.7	376	0
5	5290	18	8.5	234	1
6	5290	16	7.5	204	0
7	5290	17	6.6	376	1
8	5290	18	9.1	379	1
9	5290	18	8.3	260	1
10	5290	16	8.6	435	0
11	5290	16	6.8	321	1
12	5290	16	9.9	433	1
13	5290	18	9.8	475	1
14	5290	17	8.4	385	1
15	5290	17	9.3	398	1
16	5290	17	10	455	1
17	5290	18	9.2	206	0
18	5290	16	8.9	203	1
19	5290	17	7	475	0
20	5290	17	7.4	279	1
21	5290	16	6.4	323	0
22	5290	18	9.9	386	1
23	5290	16	6.7	258	1
24	5290	16	6.9	294	1
25	5290	18	7	422	1
26	5290	18	6.8	267	1
27	5290	18	8.1	280	1
28	5290	18	6.9	282	0
29	5290	16	9.1	294	1
30	5290	18	6.7	467	0
Detection Percentage: 70 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	15	18.5	314	1
2	5290	13	11.8	216	1
3	5290	12	18.8	455	1
4	5290	16	17.3	266	1
5	5290	14	11.7	430	1
6	5290	12	19.5	342	1
7	5290	15	18	359	1
8	5290	13	17.7	386	1
9	5290	13	19.6	424	1
10	5290	12	16.7	412	0
11	5290	16	17.2	419	1
12	5290	16	11.5	370	1
13	5290	15	18.4	383	1
14	5290	12	17.2	255	1
15	5290	12	16.5	282	1
16	5290	16	16.8	379	1
17	5290	13	16.5	258	1
18	5290	12	18.3	259	1
19	5290	13	14.2	472	1
20	5290	12	18.5	478	1
21	5290	13	16.2	472	1
22	5290	12	16.4	420	0
23	5290	12	15.9	200	1
24	5290	15	18.1	248	1
25	5290	13	17.2	267	1
26	5290	14	17.3	427	1
27	5290	15	17.8	315	1
28	5290	14	18.5	337	1
29	5290	15	14.4	316	1
30	5290	13	15.2	420	1
Detection Percentage: 93.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5290	1
2	5290	1
3	5290	1
4	5290	1
5	5290	1
6	5290	1
7	5290	1
8	5290	1
9	5290	1
10	5290	0
11	5254.0	1
12	5252.8	1
13	5254.0	1
14	5252.8	1
15	5253.2	1
16	5255.2	1
17	5252.4	1
18	5255.2	0
19	5255.2	1
20	5257.2	1
21	5322.4	1
22	5325.2	1
23	5327.6	0
24	5322.8	1
25	5324.0	1
26	5326.8	1
27	5324.0	1
28	5326.4	1
29	5326.8	0
30	5322.4	1
Detection Percentage: 86.7 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	90	1597		0.402738	
1	3	9	93.5	1788	1349	1.201869	
2	2	9	67.3	1496		2.777047	
3	1	9	75.2			3.970695	
4	2	9	96.8	1881		5.658106	
5	3	9	55.7	1614	1742	7.174707	1
6	3	9	81.9	1555	1198	8.089646	
7	2	9	67.6	1817		8.450913	
8	2	9	93.2	1996		10.237639	
9	1	9	55.2			11.979738	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	59.4			0.485514	
1	2	9	85.6	1392		0.992497	
2	2	9	63	1328		1.379337	
3	2	9	61.9	1075		2.224131	
4	2	9	97.4	1189		3.167127	
5	2	9	76.8	1506		3.575383	
6	3	9	89.3	1666	1576	4.151052	
7	1	9	62			4.761467	
8	1	9	91.3			5.809858	
9	3	9	78.3	1354	1014	6.542558	1
10	2	9	88.2	1445		7.235915	
11	2	9	88.2	1854		7.365379	
12	2	9	97.7	1358		8.565593	
13	2	9	77	1131		9.187207	
14	3	9	83.7	1373	1863	9.511708	
15	2	9	55.4	1040		10.087517	
16	2	9	59.3	1200		10.793115	
17	2	9	86.2	1856		11.902185	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	76.3	1760		0.710459	
1	2	13	76.9	1945		1.033026	
2	2	13	93.7	1510		1.909705	
3	1	13	67.6			3.08302	
4	2	13	81.6	1944		3.582744	
5	1	13	99.7			5.017098	
6	1	13	92.1			5.719672	
7	2	13	54.5	1994		6.126884	1
8	2	13	98.6	1676		7.307869	
9	1	13	94.5			7.935138	
10	2	13	88.9	1040		9.157408	
11	3	13	52.5	1142	1475	9.533082	
12	3	13	58.2	1012	1272	10.363815	
13	2	13	78.6	1470		11.392234	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	60.7	1871	1963	0.837592	
1	3	13	52.3	1808	1513	1.897904	
2	2	13	94.9	1898		2.641035	
3	2	13	67.9	1935		3.911977	
4	2	13	84.8	1483		4.059701	
5	3	13	97.4	1862	1581	5.917117	
6	1	13	51.6			6.162267	1
7	2	13	80	1859		7.052328	
8	2	13	57.4	1294		8.478982	
9	1	13	65.9			9.081466	
10	1	13	59.3			10.496071	
11	2	13	82.9	1450		11.466817	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	88.2	1408		0.051355	
1	1	11	60.8			0.931817	
2	2	11	80.1	1145		1.538127	
3	2	11	57.3	1947		2.431903	
4	3	11	50.1	1761	1948	3.658417	
5	1	11	70.6			4.156403	
6	2	11	76.6	1799		4.896768	
7	2	11	51.4	1913		5.539008	
8	1	11	68.4			6.259257	1
9	2	11	86.5	1486		7.199926	
10	2	11	97.6	1578		7.892236	
11	2	11	71	1018		8.941263	
12	2	11	81.4	1843		9.54366	
13	2	11	71.5	1385		10.489795	
14	2	11	81.7	1091		10.856676	
15	1	11	97.6			11.866391	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	66.4	1750	1048	0.729091	
1	3	12	59.1	1794	1780	1.2682	
2	1	12	50.4			2.267612	
3	1	12	63.7			2.632783	
4	2	12	89.5	1857		3.873466	
5	1	12	67.3			4.443279	
6	3	12	98.9	1314	1409	4.964588	
7	2	12	59.5	1566		6.115434	1
8	2	12	92	1586		7.059364	
9	1	12	61			7.596566	
10	1	12	55.8			8.12679	
11	2	12	65.1	1204		9.242364	
12	1	12	62.7			9.978955	
13	1	12	73.1			10.948988	
14	2	12	82.1	1087		11.312168	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	50.8	1017		0.398782	
1	3	16	88	1089	1376	1.817915	
2	2	16	91.6	1794		1.944415	
3	1	16	78			3.169467	
4	2	16	86.7	1383		4.378953	
5	1	16	97.8			5.031914	
6	3	16	65.9	1254	1039	5.623518	1
7	3	16	51.8	1047	1377	7.017043	
8	1	16	63.8			7.673554	
9	2	16	98.7	1031		9.153994	
10	1	16	94.4			9.672757	
11	2	16	67.2	1864		10.403834	
12	2	16	62.7	1470		11.306151	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	55.5			0.493335	
1	2	12	82.2	1362		0.803953	
2	3	12	55.9	1521	1591	1.554469	
3	3	12	99.2	1297	1663	2.346685	
4	2	12	85.2	1317		2.974411	
5	2	12	84.3	1597		3.583922	
6	2	12	59.1	1432		3.939153	
7	2	12	71.8	1360		4.469923	
8	1	12	82			5.269602	
9	2	12	67.8	1263		6.05836	1
10	1	12	82.2			6.868647	
11	2	12	51.5	1481		7.508281	
12	2	12	84.9	1691		8.167926	
13	1	12	67.9			8.661735	
14	3	12	75.7	1212	1432	9.452354	
15	2	12	86.5	1038		9.943436	
16	2	12	98.7	1167		10.386074	
17	1	12	82.5			10.890445	
18	2	12	52.3	1179		11.665817	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	79.1	1614		0.190033	
1	3	10	83.1	1847	1075	1.440238	
2	3	10	56.1	1678	1772	2.980423	
3	2	10	79	1309		4.185033	
4	1	10	54.7			5.447801	
5	2	10	56.1	1975		6.233137	1
6	2	10	63.6	1258		6.759955	
7	1	10	74			8.123058	
8	3	10	66.8	1142	1532	9.380645	
9	2	10	71.4	1019		9.909385	
10	1	10	65.7			11.920627	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	98.6			0.50028	
1	2	8	52.6	1129		2.080182	
2	1	8	56.1			2.375581	
3	2	8	71.5	1618		4.036464	
4	1	8	84.2			5.406941	
5	3	8	60.6	1132	1626	5.488346	0
6	3	8	97.2	1600	1350	6.748494	
7	1	8	85			8.569205	
8	2	8	91.2	1922		9.26186	
9	3	8	94.9	1219	1852	10.141452	
10	1	8	82.5			11.022027	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	99.3	1969		0.798063	
1	2	10	98.4	1273		1.3861	
2	3	10	92.7	1619	1038	1.742095	
3	2	10	84.3	1891		2.912011	
4	2	10	81.3	1361		4.176922	
5	3	10	93.6	1300	1410	4.72057	
6	2	10	85.3	1251		5.410897	1
7	3	10	57.5	1264	1348	6.03146	
8	1	10	93.1			7.603138	
9	3	10	50	1130	1100	7.796857	
10	2	10	98.9	1857		8.774987	
11	1	10	51.5			10.07577	
12	2	10	67	1033		10.626876	
13	1	10	73.2			11.653866	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	86.8	1042		0.08608	
1	2	7	71.6	1672		1.869128	
2	1	7	73.8			2.5463	
3	2	7	90.2	1449		4.203924	
4	2	7	70.4	1333		5.461209	1
5	2	7	64.9	1382		7.16486	
6	1	7	96.5			7.815902	
7	2	7	82.8	1262		8.597793	
8	2	7	79.9	1770		10.352436	
9	1	7	87.9			11.964333	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	75.7			0.621501	
1	2	10	95.5	1071		0.739848	
2	3	10	87.3	1451	1424	1.656997	
3	1	10	67.9			2.566006	
4	2	10	58.7	1589		3.296226	
5	1	10	63.2			3.787311	
6	1	10	75.4			4.727923	
7	2	10	78.6	1323		4.945067	
8	2	10	98.8	1720		6.231502	1
9	2	10	96.2	1656		6.555135	
10	2	10	87.4	1598		7.461096	
11	3	10	95.4	1053	1749	8.302474	
12	2	10	85.2	1098		8.902068	
13	2	10	53.6	1373		9.620211	
14	2	10	99.9	1197		10.158022	
15	2	10	95.8	1918		10.81032	
16	2	10	68.2	1655		11.41383	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	96.6	1958		0.399762	
1	2	7	54.6	1709		1.173116	
2	2	7	70.3	1981		1.64796	
3	1	7	71			2.651367	
4	2	7	80.2	1640		3.268011	
5	3	7	65.9	1060	1407	3.647292	
6	3	7	71.6	1767	1012	4.464663	
7	2	7	98	1423		4.966509	
8	2	7	91	1127		5.84997	1
9	3	7	57.5	1303	1203	6.464205	
10	1	7	55.8			7.062895	
11	2	7	59.6	1945		7.8531	
12	1	7	76.3			9.172941	
13	1	7	66.3			9.554262	
14	3	7	77.4	1599	1512	10.538152	
15	2	7	74.3	1799		11.111864	
16	1	7	64.9			11.542724	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	74			0.01105	
1	2	8	74.3	1105		0.903929	
2	1	8	51.1			1.785858	
3	2	8	95.5	1036		3.168102	
4	1	8	53			3.639838	
5	2	8	67.2	1489		4.410401	
6	1	8	97.4			5.420281	
7	2	8	96.9	1763		5.66696	1
8	1	8	68.6			6.798141	
9	3	8	97.4	1443	1711	7.587161	
10	3	8	71	1244	1454	8.709141	
11	1	8	82.7			9.208846	
12	3	8	53.8	1403	1465	9.805716	
13	2	8	86.3	1383		10.621614	
14	2	8	73.2	1674		11.70214	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	53.8			0.165347	
1	3	13	86.1	1860	1542	1.199137	
2	1	13	76.5			1.788321	
3	2	13	63	1894		2.466986	
4	2	13	79.4	1579		2.973555	
5	2	13	78.4	1569		3.41602	
6	2	13	54.6	1343		4.297248	
7	3	13	92.5	1676	1644	4.943906	
8	2	13	97.6	1168		5.210271	
9	1	13	79.4			6.018808	1
10	2	13	95.5	1061		6.438887	
11	1	13	63.5			6.987374	
12	2	13	91.2	1935		8.006075	
13	1	13	86.8			8.781954	
14	2	13	66.1	1499		9.227196	
15	3	13	55.5	1832	1531	9.870194	
16	1	13	52.9			10.649728	
17	2	13	89.3	1216		10.986929	
18	2	13	93.5	1759		11.831623	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	75	1167	1193	0.29057	
1	1	6	67.2			2.283101	
2	2	6	87.3	1702		3.450173	
3	2	6	73.7	1299		4.208465	
4	1	6	54.2			4.805591	1
5	2	6	91.3	1767		6.110039	
6	1	6	72.2			8.331308	
7	2	6	89.1	1692		8.897953	
8	3	6	53.1	1250	1591	9.74206	
9	1	6	84.7			11.284047	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	58.5			0.09851	
1	1	13	94.8			1.199947	
2	1	13	93.3			1.997042	
3	1	13	95.7			2.639116	
4	3	13	84.6	1964	1710	3.428674	
5	3	13	62.3	1447	1061	3.774792	
6	1	13	98.3			4.694554	
7	2	13	69.9	1874		5.608511	
8	3	13	79	1919	1490	5.972972	0
9	2	13	53	1847		7.030248	
10	3	13	94.4	1540	1179	7.64677	
11	2	13	92.6	1802		8.193826	
12	3	13	62.9	1970	1544	8.573651	
13	1	13	57.2			9.42787	
14	3	13	96.5	1757	1345	10.522188	
15	3	13	76.3	1877	1391	11.153443	
16	3	13	52.6	1319	1536	11.898152	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	84	1890		0.37542	
1	3	13	53.7	1329	1780	1.228032	
2	3	13	79.3	1016	1661	1.507404	
3	2	13	67.3	1217		2.201763	
4	2	13	88.2	1151		3.040683	
5	2	13	95.9	1168		3.669422	
6	1	13	60.7			4.177357	
7	1	13	91.9			4.987899	
8	2	13	69	1067		5.090223	
9	2	13	54.6	1259		5.723257	1
10	2	13	80.8	1105		6.59502	
11	1	13	65			7.463267	
12	1	13	89.4			7.889262	
13	2	13	70.9	1997		8.81186	
14	1	13	89.3			9.20305	
15	2	13	85.7	1907		9.680899	
16	2	13	91.5	1881		10.356954	
17	2	13	94.2	1801		11.027112	
18	2	13	54.5	1709		11.92966	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	62.7	1270		0.35953	
1	2	18	66.6	1471		1.482046	
2	2	18	87.1	1545		2.262674	
3	2	18	69.3	1750		2.601638	
4	1	18	54.9			3.663909	
5	1	18	50			4.665553	
6	2	18	61.1	1530		5.311503	
7	3	18	74.4	1077	1558	6.06818	1
8	2	18	94.7	1011		6.435784	
9	2	18	70.9	1550		7.791015	
10	1	18	62.6			8.471632	
11	3	18	75	1642	1389	9.507588	
12	2	18	78.8	1435		10.12828	
13	2	18	98.6	1728		11.030443	
14	1	18	50.7			11.973094	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	89.1	1129	1268	0.690292	
1	3	19	52	1259	1685	0.963443	
2	1	19	53.8			1.782623	
3	3	19	53.8	1336	1272	3.371035	
4	2	19	65.5	1391		3.551698	
5	1	19	75.8			5.116583	
6	3	19	50.3	1602	1277	5.151705	1
7	3	19	74.8	1575	1367	6.297254	
8	2	19	67.8	1092		6.958331	
9	2	19	59.6	1876		8.143788	
10	2	19	89.2	1393		8.675757	
11	2	19	71.6	1191		9.494896	
12	2	19	75.4	1031		10.794088	
13	2	19	81.7	1160		11.348291	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	95.6	1498	1268	0.88128	
1	2	12	78.7	1596		1.110498	
2	1	12	60			2.637818	
3	2	12	64.3	1606		3.714898	
4	3	12	55.9	1970	1833	4.799327	
5	3	12	72.7	1857	1006	5.47939	1
6	2	12	90.1	1817		6.591203	
7	3	12	61.3	1723	1177	7.406801	
8	2	12	84.1	1358		8.083734	
9	3	12	62.9	1875	1386	9.140784	
10	2	12	55.3	1174		10.690495	
11	2	12	77.8	1027		11.820616	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	52.6	1450		0.277535	
1	1	6	78.3			2.148633	
2	1	6	97.8			3.323128	
3	2	6	64.3	1179		3.688746	
4	2	6	71.8	1391		5.506481	
5	2	6	53	1739		6.656979	0
6	1	6	51.5			7.897008	
7	1	6	84.3			9.22	
8	2	6	63.5	1675		10.505008	
9	1	6	55.5			11.465082	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	54.4	1555		0.294149	
1	2	18	76.3	1133		1.207997	
2	1	18	94.8			2.347224	
3	3	18	56.2	1473	1475	2.562369	
4	1	18	94.5			3.565812	
5	1	18	52.3			4.10543	
6	2	18	80.6	1306		5.429018	
7	3	18	80.5	1197	1757	6.016753	1
8	1	18	96.7			7.093711	
9	1	18	85.8			7.545871	
10	3	18	90	1705	1259	8.262603	
11	2	18	93.1	1753		9.309767	
12	1	18	75.1			9.919574	
13	2	18	60.8	1621		10.763607	
14	2	18	66.1	1451		11.275669	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	61.4	1266		0.510266	
1	3	15	90.2	1395	1470	1.471042	
2	1	15	69.4			1.849108	
3	2	15	84.8	1450		2.83391	
4	3	15	78.9	1959	1640	3.589573	
5	2	15	93	1829		4.682388	
6	1	15	99.1			5.327483	
7	2	15	51.6	1360		5.860212	1
8	3	15	54.6	1623	1605	7.192141	
9	2	15	78.1	1197		7.44473	
10	1	15	53.7			8.11761	
11	2	15	73	1469		9.473629	
12	1	15	67.2			10.286925	
13	1	15	68.1			10.405989	
14	3	15	96.4	1421	1286	11.308858	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	60.2	1255		0.382967	
1	3	8	50.5	1968	1065	1.440238	
2	2	8	61.8	1922		2.452423	
3	1	8	92.1			3.069096	
4	2	8	70.7	1520		4.175957	
5	3	8	53.4	1242	1513	5.057842	
6	3	8	71.8	1222	1228	6.335845	1
7	2	8	78	1249		7.34631	
8	2	8	83.5	1615		8.121362	
9	2	8	94.5	1653		8.33318	
10	3	8	69.8	1393	1413	9.886702	
11	3	8	74.6	1064	1584	10.952849	
12	2	8	90.8	1238		11.119291	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	75.4	1817		0.907797	
1	3	15	81.8	1242	1131	1.774556	
2	1	15	90.2			2.131332	
3	3	15	57.3	1136	1927	3.967873	
4	2	15	52.6	1862		4.435482	
5	1	15	78.3			5.010616	
6	3	15	83.7	1921	1525	6.661041	1
7	1	15	59.3			7.463816	
8	3	15	75.5	1428	1884	8.297986	
9	2	15	99.5	1082		9.595082	
10	3	15	82.4	1784	1579	10.757884	
11	3	15	50.9	1890	1969	11.174118	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	97	1551		0.407589	
1	3	9	93.6	1491	1489	1.06461	
2	2	9	71.9	1757		2.449363	
3	1	9	59.5			2.710002	
4	1	9	91.8			4.068492	
5	2	9	55.7	1133		5.084093	
6	2	9	69.5	1496		5.336087	
7	1	9	90.2			6.659712	1
8	2	9	56.3	1061		6.897398	
9	2	9	50	1473		8.246787	
10	3	9	59.2	1761	1663	9.170785	
11	2	9	71.3	1654		10.198265	
12	3	9	62.6	1546	1833	11.135675	
13	3	9	99.4	1347	1678	11.563035	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	63.7			0.30896	
1	3	8	71	1905	1684	1.786867	
2	1	8	100			3.863157	
3	3	8	87.4	1335	1356	4.80276	
4	2	8	71.6	1699		5.972163	0
5	2	8	63.3	1988		7.672782	
6	1	8	50.4			8.456307	
7	3	8	77.6	1746	1666	9.384265	
8	2	8	85	1282		10.95311	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	83.8	1595	1107	0.395163	
1	3	19	55.6	1976	1601	0.881517	
2	2	19	90.8	1941		1.739497	
3	1	19	72.3			2.265866	
4	2	19	72.7	1641		3.001477	
5	3	19	77.8	1113	1126	3.396319	
6	2	19	96.9	1623		4.256106	
7	3	19	72.8	1137	1053	4.566272	
8	2	19	67.8	1589		5.262816	
9	3	19	87.3	1023	1262	5.753448	1
10	1	19	91.8			6.736832	
11	1	19	70.8			7.400352	
12	2	19	66.7	1056		8.114523	
13	1	19	71.6			8.369878	
14	2	19	57.7	1319		9.260764	
15	3	19	67.1	1133	1839	9.603995	
16	2	19	76.6	1230		10.478399	
17	2	19	67.9	1395		11.235772	
18	1	19	75.8			11.871467	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5290	9	1	333	1	5559.0, 5267.0, 5413.0, 5333.0, 5525.0, 5388.0, 5550.0, 5648.0, 5611.0, 5582.0, 5297.0, 5424.0, 5518.0, 5484.0, 5416.0, 5510.0, 5719.0, 5351.0, 5437.0, 5451.0, 5644.0, 5354.0, 5383.0, 5666.0, 5618.0, 5712.0, 5682.0, 5662.0, 5708.0, 5601.0, 5284.0, 5702.0, 5363.0, 5438.0, 5405.0, 5414.0, 5474.0, 5304.0, 5541.0, 5489.0, 5664.0, 5458.0, 5386.0, 5555.0, 5680.0, 5545.0, 5387.0, 5367.0, 5535.0, 5439.0, 5356.0, 5480.0, 5401.0, 5516.0, 5373.0, 5538.0, 5653.0, 5392.0, 5294.0, 5327.0, 5628.0, 5646.0, 5678.0, 5515.0, 5499.0, 5315.0, 5580.0, 5467.0, 5672.0, 5514.0, 5493.0, 5328.0, 5287.0, 5513.0, 5517.0, 5389.0, 5616.0, 5262.0, 5567.0, 5433.0, 5681.0, 5501.0, 5534.0, 5615.0, 5359.0, 5402.0, 5261.0, 5642.0, 5352.0, 5274.0, 5391.0, 5385.0, 5338.0, 5674.0, 5565.0, 5543.0, 5393.0, 5420.0, 5581.0, 5427.0 (number of hits: 12)
2	5290	9	1	333	1	5254.0, 5611.0, 5381.0, 5699.0, 5420.0, 5355.0, 5675.0, 5300.0, 5321.0, 5365.0, 5519.0, 5392.0, 5369.0, 5679.0, 5620.0, 5258.0, 5470.0, 5496.0, 5475.0, 5666.0, 5472.0, 5720.0, 5619.0, 5582.0, 5614.0, 5660.0, 5680.0, 5604.0, 5503.0, 5363.0, 5656.0, 5625.0, 5263.0, 5327.0, 5551.0, 5717.0, 5323.0, 5368.0, 5591.0, 5504.0, 5622.0, 5465.0, 5385.0, 5288.0, 5560.0, 5708.0, 5299.0, 5398.0, 5685.0, 5712.0, 5686.0, 5383.0, 5252.0, 5597.0, 5454.0, 5287.0, 5549.0, 5324.0, 5391.0, 5650.0, 5552.0, 5431.0, 5485.0, 5557.0, 5262.0, 5498.0, 5417.0, 5623.0, 5452.0, 5506.0, 5682.0, 5435.0, 5378.0, 5569.0, 5664.0, 5310.0, 5634.0, 5467.0, 5266.0, 5644.0, 5351.0, 5572.0, 5278.0, 5337.0, 5479.0, 5264.0, 5544.0, 5618.0, 5408.0, 5642.0, 5671.0, 5281.0, 5409.0, 5394.0, 5469.0, 5333.0, 5285.0, 5588.0, 5663.0, 5256.0 (number of hits: 20)
3	5290	9	1	333	1	5408.0, 5492.0, 5554.0, 5722.0, 5393.0, 5344.0, 5685.0, 5445.0, 5489.0, 5381.0, 5574.0, 5261.0, 5648.0, 5522.0, 5308.0, 5433.0, 5656.0, 5330.0, 5675.0, 5255.0, 5403.0, 5256.0, 5364.0, 5564.0, 5686.0, 5360.0, 5594.0, 5688.0, 5411.0, 5689.0, 5369.0, 5385.0, 5632.0, 5420.0, 5551.0, 5506.0, 5358.0, 5638.0, 5651.0, 5468.0, 5386.0, 5572.0, 5270.0, 5679.0, 5621.0, 5450.0, 5567.0, 5407.0, 5291.0, 5611.0, 5507.0, 5315.0, 5515.0, 5471.0, 5346.0,

						5268.0, 5320.0, 5662.0, 5643.0, 5336.0, 5659.0, 5257.0, 5355.0, 5694.0, 5705.0, 5710.0, 5272.0, 5460.0, 5435.0, 5613.0, 5476.0, 5615.0, 5347.0, 5682.0, 5580.0, 5410.0, 5528.0, 5416.0, 5469.0, 5602.0, 5340.0, 5634.0, 5673.0, 5474.0, 5497.0, 5250.0, 5639.0, 5446.0, 5277.0, 5560.0, 5286.0, 5636.0, 5438.0, 5464.0, 5706.0, 5466.0, 5405.0, 5453.0, 5400.0, 5520.0 (number of hits: 14)
4	5290	9	1	333	1	5397.0, 5666.0, 5285.0, 5548.0, 5353.0, 5669.0, 5253.0, 5272.0, 5292.0, 5413.0, 5576.0, 5569.0, 5297.0, 5619.0, 5699.0, 5281.0, 5509.0, 5453.0, 5625.0, 5386.0, 5632.0, 5258.0, 5564.0, 5283.0, 5603.0, 5307.0, 5609.0, 5423.0, 5441.0, 5486.0, 5703.0, 5340.0, 5289.0, 5467.0, 5659.0, 5534.0, 5578.0, 5554.0, 5359.0, 5497.0, 5498.0, 5516.0, 5446.0, 5390.0, 5677.0, 5702.0, 5500.0, 5410.0, 5469.0, 5678.0, 5389.0, 5393.0, 5284.0, 5379.0, 5416.0, 5394.0, 5526.0, 5633.0, 5405.0, 5584.0, 5434.0, 5566.0, 5382.0, 5275.0, 5310.0, 5460.0, 5341.0, 5628.0, 5523.0, 5335.0, 5279.0, 5595.0, 5464.0, 5384.0, 5520.0, 5682.0, 5672.0, 5696.0, 5474.0, 5521.0, 5592.0, 5505.0, 5556.0, 5549.0, 5300.0, 5502.0, 5496.0, 5286.0, 5325.0, 5674.0, 5484.0, 5621.0, 5580.0, 5347.0, 5712.0, 5313.0, 5337.0, 5713.0, 5543.0, 5680.0 (number of hits: 18)
5	5290	9	1	333	1	5581.0, 5320.0, 5397.0, 5369.0, 5318.0, 5477.0, 5660.0, 5585.0, 5564.0, 5352.0, 5628.0, 5593.0, 5713.0, 5284.0, 5450.0, 5294.0, 5547.0, 5567.0, 5258.0, 5554.0, 5303.0, 5446.0, 5408.0, 5533.0, 5568.0, 5251.0, 5330.0, 5604.0, 5615.0, 5285.0, 5254.0, 5655.0, 5491.0, 5505.0, 5715.0, 5691.0, 5706.0, 5457.0, 5427.0, 5528.0, 5299.0, 5304.0, 5422.0, 5414.0, 5556.0, 5612.0, 5328.0, 5658.0, 5349.0, 5619.0, 5634.0, 5340.0, 5632.0, 5502.0, 5413.0, 5699.0, 5263.0, 5314.0, 5611.0, 5629.0, 5524.0, 5637.0, 5627.0, 5669.0, 5315.0, 5354.0, 5608.0, 5566.0, 5682.0, 5703.0, 5363.0, 5621.0, 5549.0, 5573.0, 5672.0, 5536.0, 5472.0, 5622.0, 5697.0, 5530.0, 5671.0, 5719.0, 5708.0, 5441.0, 5269.0, 5271.0, 5468.0, 5574.0, 5274.0, 5409.0, 5366.0, 5326.0, 5464.0, 5267.0, 5557.0, 5704.0, 5553.0, 5714.0, 5336.0, 5571.0 (number of hits: 20)
6	5290	9	1	333	1	5642.0, 5282.0, 5652.0, 5513.0, 5448.0, 5626.0, 5590.0, 5340.0, 5628.0, 5632.0, 5352.0, 5359.0, 5420.0, 5489.0, 5575.0, 5511.0, 5522.0, 5636.0, 5659.0, 5488.0, 5412.0, 5621.0, 5334.0, 5321.0, 5496.0, 5482.0, 5264.0, 5689.0, 5596.0, 5555.0, 5605.0, 5607.0, 5251.0, 5333.0, 5453.0,

						5295.0, 5703.0, 5619.0, 5401.0, 5492.0, 5557.0, 5624.0, 5297.0, 5432.0, 5660.0, 5639.0, 5556.0, 5344.0, 5688.0, 5715.0, 5614.0, 5413.0, 5547.0, 5343.0, 5387.0, 5421.0, 5686.0, 5702.0, 5262.0, 5347.0, 5495.0, 5656.0, 5338.0, 5371.0, 5634.0, 5662.0, 5346.0, 5545.0, 5474.0, 5339.0, 5423.0, 5716.0, 5499.0, 5597.0, 5324.0, 5386.0, 5637.0, 5435.0, 5354.0, 5709.0, 5328.0, 5699.0, 5610.0, 5370.0, 5402.0, 5529.0, 5479.0, 5291.0, 5484.0, 5280.0, 5397.0, 5531.0, 5418.0, 5468.0, 5458.0, 5573.0, 5398.0, 5269.0, 5587.0, 5633.0 (number of hits: 12)
7	5290	9	1	333	1	5519.0, 5464.0, 5299.0, 5361.0, 5717.0, 5295.0, 5462.0, 5576.0, 5439.0, 5705.0, 5591.0, 5360.0, 5554.0, 5706.0, 5547.0, 5250.0, 5298.0, 5259.0, 5345.0, 5686.0, 5529.0, 5638.0, 5577.0, 5307.0, 5572.0, 5272.0, 5622.0, 5590.0, 5400.0, 5578.0, 5412.0, 5283.0, 5448.0, 5587.0, 5584.0, 5480.0, 5468.0, 5306.0, 5268.0, 5486.0, 5668.0, 5465.0, 5543.0, 5676.0, 5304.0, 5565.0, 5697.0, 5366.0, 5263.0, 5335.0, 5575.0, 5284.0, 5433.0, 5403.0, 5409.0, 5404.0, 5389.0, 5312.0, 5532.0, 5542.0, 5517.0, 5662.0, 5253.0, 5621.0, 5599.0, 5688.0, 5484.0, 5322.0, 5287.0, 5620.0, 5329.0, 5669.0, 5713.0, 5275.0, 5531.0, 5613.0, 5472.0, 5632.0, 5293.0, 5700.0, 5644.0, 5482.0, 5684.0, 5534.0, 5444.0, 5538.0, 5602.0, 5615.0, 5573.0, 5656.0, 5378.0, 5608.0, 5493.0, 5479.0, 5286.0, 5524.0, 5537.0, 5407.0, 5410.0, 5585.0 (number of hits: 21)
8	5290	9	1	333	1	5703.0, 5605.0, 5468.0, 5575.0, 5434.0, 5402.0, 5288.0, 5573.0, 5312.0, 5696.0, 5684.0, 5439.0, 5609.0, 5569.0, 5674.0, 5416.0, 5463.0, 5566.0, 5320.0, 5448.0, 5350.0, 5409.0, 5645.0, 5648.0, 5305.0, 5309.0, 5465.0, 5271.0, 5299.0, 5313.0, 5308.0, 5634.0, 5431.0, 5600.0, 5474.0, 5356.0, 5555.0, 5438.0, 5454.0, 5586.0, 5578.0, 5522.0, 5535.0, 5518.0, 5344.0, 5502.0, 5688.0, 5677.0, 5284.0, 5596.0, 5683.0, 5347.0, 5517.0, 5709.0, 5568.0, 5580.0, 5256.0, 5571.0, 5608.0, 5279.0, 5441.0, 5300.0, 5365.0, 5713.0, 5550.0, 5368.0, 5549.0, 5257.0, 5610.0, 5470.0, 5251.0, 5513.0, 5681.0, 5546.0, 5354.0, 5655.0, 5724.0, 5595.0, 5642.0, 5603.0, 5682.0, 5636.0, 5280.0, 5557.0, 5422.0, 5358.0, 5537.0, 5531.0, 5332.0, 5397.0, 5282.0, 5330.0, 5481.0, 5388.0, 5378.0, 5360.0, 5567.0, 5386.0, 5460.0, 5558.0 (number of hits: 17)
9	5290	9	1	333	1	5689.0, 5650.0, 5359.0, 5675.0, 5509.0, 5645.0, 5474.0, 5682.0, 5439.0, 5310.0, 5329.0, 5368.0, 5253.0, 5409.0, 5300.0,

						5503.0, 5717.0, 5688.0, 5434.0, 5338.0, 5500.0, 5417.0, 5698.0, 5435.0, 5305.0, 5711.0, 5473.0, 5644.0, 5613.0, 5286.0, 5396.0, 5362.0, 5553.0, 5567.0, 5643.0, 5456.0, 5568.0, 5394.0, 5468.0, 5507.0, 5415.0, 5713.0, 5719.0, 5425.0, 5267.0, 5471.0, 5663.0, 5430.0, 5506.0, 5477.0, 5263.0, 5318.0, 5533.0, 5448.0, 5578.0, 5571.0, 5685.0, 5693.0, 5618.0, 5319.0, 5631.0, 5369.0, 5649.0, 5672.0, 5692.0, 5412.0, 5349.0, 5609.0, 5691.0, 5429.0, 5375.0, 5591.0, 5634.0, 5428.0, 5588.0, 5510.0, 5651.0, 5381.0, 5701.0, 5302.0, 5353.0, 5419.0, 5677.0, 5513.0, 5576.0, 5498.0, 5339.0, 5530.0, 5715.0, 5334.0, 5418.0, 5600.0, 5524.0, 5652.0, 5465.0, 5721.0, 5280.0, 5515.0, 5595.0, 5309.0 (number of hits: 13)
10	5290	9	1	333	1	5344.0, 5279.0, 5319.0, 5569.0, 5505.0, 5607.0, 5658.0, 5703.0, 5681.0, 5413.0, 5464.0, 5590.0, 5428.0, 5390.0, 5623.0, 5291.0, 5664.0, 5637.0, 5529.0, 5530.0, 5648.0, 5636.0, 5424.0, 5486.0, 5446.0, 5358.0, 5293.0, 5263.0, 5507.0, 5504.0, 5383.0, 5536.0, 5600.0, 5361.0, 5655.0, 5406.0, 5256.0, 5318.0, 5682.0, 5402.0, 5306.0, 5326.0, 5363.0, 5546.0, 5594.0, 5689.0, 5398.0, 5647.0, 5408.0, 5287.0, 5481.0, 5336.0, 5524.0, 5680.0, 5275.0, 5285.0, 5337.0, 5334.0, 5564.0, 5388.0, 5525.0, 5472.0, 5676.0, 5622.0, 5374.0, 5368.0, 5340.0, 5391.0, 5407.0, 5512.0, 5499.0, 5714.0, 5401.0, 5572.0, 5462.0, 5474.0, 5521.0, 5608.0, 5578.0, 5419.0, 5330.0, 5606.0, 5442.0, 5619.0, 5632.0, 5416.0, 5475.0, 5440.0, 5697.0, 5656.0, 5434.0, 5688.0, 5511.0, 5699.0, 5414.0, 5595.0, 5652.0, 5423.0, 5690.0, 5543.0 (number of hits: 12)
11	5290	9	1	333	1	5294.0, 5350.0, 5670.0, 5475.0, 5339.0, 5599.0, 5660.0, 5676.0, 5674.0, 5687.0, 5483.0, 5671.0, 5286.0, 5461.0, 5532.0, 5280.0, 5535.0, 5586.0, 5329.0, 5491.0, 5544.0, 5654.0, 5252.0, 5556.0, 5631.0, 5530.0, 5317.0, 5505.0, 5363.0, 5629.0, 5456.0, 5554.0, 5276.0, 5580.0, 5583.0, 5410.0, 5370.0, 5522.0, 5415.0, 5271.0, 5386.0, 5476.0, 5500.0, 5288.0, 5658.0, 5296.0, 5468.0, 5349.0, 5470.0, 5706.0, 5698.0, 5352.0, 5331.0, 5462.0, 5330.0, 5371.0, 5381.0, 5555.0, 5412.0, 5369.0, 5345.0, 5513.0, 5661.0, 5416.0, 5560.0, 5641.0, 5375.0, 5533.0, 5531.0, 5364.0, 5512.0, 5627.0, 5663.0, 5659.0, 5434.0, 5482.0, 5710.0, 5714.0, 5441.0, 5448.0, 5516.0, 5403.0, 5347.0, 5511.0, 5264.0, 5612.0, 5432.0, 5277.0, 5453.0, 5254.0, 5289.0, 5354.0, 5581.0, 5426.0, 5401.0, 5503.0, 5689.0, 5490.0, 5642.0, 5405.0

						(number of hits: 14)
12	5290	9	1	333	1	5676.0, 5355.0, 5254.0, 5461.0, 5635.0, 5384.0, 5551.0, 5286.0, 5513.0, 5523.0, 5479.0, 5448.0, 5656.0, 5477.0, 5497.0, 5558.0, 5326.0, 5700.0, 5707.0, 5595.0, 5456.0, 5467.0, 5364.0, 5552.0, 5269.0, 5357.0, 5585.0, 5250.0, 5315.0, 5275.0, 5598.0, 5399.0, 5649.0, 5256.0, 5714.0, 5509.0, 5711.0, 5318.0, 5718.0, 5664.0, 5379.0, 5592.0, 5614.0, 5437.0, 5368.0, 5459.0, 5493.0, 5683.0, 5471.0, 5442.0, 5344.0, 5276.0, 5668.0, 5689.0, 5317.0, 5602.0, 5324.0, 5517.0, 5367.0, 5389.0, 5722.0, 5327.0, 5330.0, 5669.0, 5407.0, 5402.0, 5608.0, 5573.0, 5398.0, 5411.0, 5626.0, 5657.0, 5715.0, 5701.0, 5300.0, 5444.0, 5353.0, 5515.0, 5603.0, 5258.0, 5688.0, 5485.0, 5500.0, 5439.0, 5292.0, 5293.0, 5549.0, 5440.0, 5291.0, 5405.0, 5650.0, 5425.0, 5307.0, 5512.0, 5423.0, 5546.0, 5673.0, 5270.0, 5338.0, 5543.0
						(number of hits: 20)
13	5290	9	1	333	1	5580.0, 5436.0, 5534.0, 5630.0, 5344.0, 5690.0, 5595.0, 5555.0, 5542.0, 5320.0, 5543.0, 5411.0, 5694.0, 5622.0, 5252.0, 5609.0, 5281.0, 5559.0, 5471.0, 5628.0, 5604.0, 5563.0, 5661.0, 5703.0, 5570.0, 5444.0, 5677.0, 5577.0, 5697.0, 5624.0, 5470.0, 5423.0, 5382.0, 5522.0, 5527.0, 5572.0, 5314.0, 5683.0, 5259.0, 5450.0, 5302.0, 5378.0, 5264.0, 5396.0, 5494.0, 5277.0, 5258.0, 5626.0, 5594.0, 5373.0, 5355.0, 5574.0, 5353.0, 5627.0, 5593.0, 5657.0, 5431.0, 5549.0, 5477.0, 5664.0, 5428.0, 5498.0, 5717.0, 5518.0, 5437.0, 5576.0, 5395.0, 5700.0, 5390.0, 5504.0, 5548.0, 5506.0, 5686.0, 5584.0, 5603.0, 5508.0, 5674.0, 5478.0, 5424.0, 5481.0, 5587.0, 5425.0, 5634.0, 5490.0, 5340.0, 5263.0, 5535.0, 5509.0, 5612.0, 5319.0, 5398.0, 5461.0, 5276.0, 5300.0, 5473.0, 5273.0, 5712.0, 5422.0, 5571.0, 5347.0
						(number of hits: 14)
14	5290	9	1	333	1	5291.0, 5682.0, 5645.0, 5439.0, 5268.0, 5453.0, 5267.0, 5527.0, 5692.0, 5656.0, 5514.0, 5566.0, 5722.0, 5317.0, 5321.0, 5714.0, 5390.0, 5417.0, 5689.0, 5337.0, 5285.0, 5708.0, 5388.0, 5448.0, 5297.0, 5418.0, 5252.0, 5374.0, 5462.0, 5468.0, 5599.0, 5393.0, 5396.0, 5457.0, 5633.0, 5380.0, 5315.0, 5391.0, 5647.0, 5382.0, 5650.0, 5269.0, 5307.0, 5342.0, 5716.0, 5352.0, 5280.0, 5373.0, 5642.0, 5416.0, 5426.0, 5570.0, 5478.0, 5715.0, 5407.0, 5544.0, 5611.0, 5687.0, 5522.0, 5331.0, 5721.0, 5526.0, 5318.0, 5525.0, 5662.0, 5562.0, 5652.0, 5496.0, 5565.0, 5616.0, 5702.0, 5284.0, 5445.0, 5520.0, 5635.0, 5533.0, 5473.0, 5301.0, 5299.0, 5706.0,

						5376.0, 5370.0, 5711.0, 5362.0, 5415.0, 5349.0, 5345.0, 5298.0, 5421.0, 5492.0, 5584.0, 5628.0, 5341.0, 5680.0, 5617.0, 5283.0, 5524.0, 5549.0, 5308.0, 5259.0 (number of hits: 20)
15	5290	9	1	333	1	5567.0, 5662.0, 5422.0, 5552.0, 5548.0, 5332.0, 5280.0, 5627.0, 5275.0, 5378.0, 5588.0, 5288.0, 5651.0, 5393.0, 5344.0, 5477.0, 5282.0, 5678.0, 5670.0, 5537.0, 5270.0, 5701.0, 5404.0, 5572.0, 5494.0, 5337.0, 5451.0, 5333.0, 5538.0, 5649.0, 5418.0, 5412.0, 5293.0, 5719.0, 5373.0, 5717.0, 5556.0, 5675.0, 5433.0, 5457.0, 5334.0, 5428.0, 5436.0, 5496.0, 5396.0, 5570.0, 5516.0, 5354.0, 5536.0, 5705.0, 5416.0, 5299.0, 5571.0, 5600.0, 5305.0, 5336.0, 5482.0, 5385.0, 5360.0, 5386.0, 5488.0, 5455.0, 5687.0, 5408.0, 5607.0, 5490.0, 5394.0, 5462.0, 5315.0, 5342.0, 5709.0, 5425.0, 5489.0, 5446.0, 5403.0, 5256.0, 5326.0, 5553.0, 5583.0, 5407.0, 5518.0, 5463.0, 5387.0, 5444.0, 5623.0, 5579.0, 5265.0, 5285.0, 5252.0, 5371.0, 5554.0, 5500.0, 5620.0, 5439.0, 5429.0, 5578.0, 5697.0, 5339.0, 5366.0, 5351.0 (number of hits: 14)
16	5290	9	1	333	1	5443.0, 5468.0, 5287.0, 5706.0, 5328.0, 5285.0, 5293.0, 5416.0, 5309.0, 5417.0, 5423.0, 5427.0, 5599.0, 5404.0, 5720.0, 5372.0, 5253.0, 5574.0, 5664.0, 5411.0, 5527.0, 5676.0, 5459.0, 5584.0, 5555.0, 5614.0, 5654.0, 5295.0, 5296.0, 5697.0, 5634.0, 5501.0, 5588.0, 5301.0, 5348.0, 5483.0, 5652.0, 5342.0, 5692.0, 5716.0, 5374.0, 5325.0, 5534.0, 5559.0, 5568.0, 5646.0, 5596.0, 5509.0, 5581.0, 5544.0, 5625.0, 5600.0, 5475.0, 5612.0, 5708.0, 5655.0, 5508.0, 5603.0, 5313.0, 5598.0, 5452.0, 5620.0, 5629.0, 5572.0, 5554.0, 5367.0, 5341.0, 5300.0, 5719.0, 5514.0, 5435.0, 5573.0, 5592.0, 5583.0, 5254.0, 5355.0, 5701.0, 5286.0, 5384.0, 5643.0, 5547.0, 5428.0, 5482.0, 5445.0, 5489.0, 5565.0, 5542.0, 5683.0, 5642.0, 5413.0, 5389.0, 5381.0, 5266.0, 5334.0, 5656.0, 5518.0, 5536.0, 5392.0, 5541.0, 5591.0 (number of hits: 15)
17	5290	9	1	333	1	5677.0, 5308.0, 5484.0, 5533.0, 5509.0, 5454.0, 5631.0, 5619.0, 5566.0, 5630.0, 5624.0, 5492.0, 5543.0, 5633.0, 5639.0, 5487.0, 5417.0, 5339.0, 5442.0, 5409.0, 5493.0, 5400.0, 5456.0, 5506.0, 5556.0, 5568.0, 5334.0, 5690.0, 5359.0, 5665.0, 5608.0, 5451.0, 5367.0, 5457.0, 5598.0, 5698.0, 5721.0, 5351.0, 5709.0, 5524.0, 5374.0, 5319.0, 5523.0, 5447.0, 5291.0, 5361.0, 5532.0, 5376.0, 5387.0, 5267.0, 5651.0, 5425.0, 5617.0, 5475.0, 5708.0, 5579.0, 5653.0, 5718.0, 5686.0, 5412.0,

						5529.0, 5469.0, 5372.0, 5250.0, 5289.0, 5261.0, 5526.0, 5591.0, 5522.0, 5434.0, 5392.0, 5323.0, 5641.0, 5682.0, 5539.0, 5554.0, 5354.0, 5381.0, 5346.0, 5691.0, 5468.0, 5676.0, 5342.0, 5433.0, 5565.0, 5321.0, 5326.0, 5489.0, 5307.0, 5553.0, 5656.0, 5503.0, 5693.0, 5356.0, 5555.0, 5377.0, 5485.0, 5310.0, 5513.0, 5646.0 (number of hits: 12)
18	5290	9	1	333	1	5313.0, 5600.0, 5544.0, 5287.0, 5559.0, 5690.0, 5264.0, 5536.0, 5504.0, 5660.0, 5318.0, 5673.0, 5275.0, 5408.0, 5409.0, 5434.0, 5299.0, 5306.0, 5652.0, 5651.0, 5339.0, 5478.0, 5616.0, 5334.0, 5560.0, 5527.0, 5393.0, 5545.0, 5405.0, 5403.0, 5297.0, 5599.0, 5398.0, 5459.0, 5517.0, 5355.0, 5647.0, 5391.0, 5441.0, 5415.0, 5354.0, 5259.0, 5643.0, 5636.0, 5700.0, 5271.0, 5294.0, 5553.0, 5541.0, 5298.0, 5432.0, 5381.0, 5548.0, 5323.0, 5642.0, 5428.0, 5597.0, 5626.0, 5534.0, 5252.0, 5649.0, 5261.0, 5319.0, 5617.0, 5650.0, 5578.0, 5449.0, 5655.0, 5693.0, 5447.0, 5679.0, 5567.0, 5454.0, 5406.0, 5325.0, 5332.0, 5358.0, 5343.0, 5711.0, 5554.0, 5715.0, 5680.0, 5469.0, 5674.0, 5508.0, 5490.0, 5293.0, 5265.0, 5615.0, 5653.0, 5377.0, 5618.0, 5572.0, 5658.0, 5336.0, 5676.0, 5691.0, 5570.0, 5327.0, 5345.0 (number of hits: 20)
19	5290	9	1	333	1	5584.0, 5277.0, 5391.0, 5716.0, 5701.0, 5258.0, 5636.0, 5470.0, 5292.0, 5329.0, 5469.0, 5355.0, 5571.0, 5279.0, 5442.0, 5663.0, 5289.0, 5317.0, 5306.0, 5551.0, 5601.0, 5612.0, 5566.0, 5468.0, 5293.0, 5491.0, 5698.0, 5344.0, 5270.0, 5370.0, 5619.0, 5569.0, 5695.0, 5456.0, 5430.0, 5615.0, 5505.0, 5301.0, 5305.0, 5433.0, 5502.0, 5533.0, 5405.0, 5644.0, 5482.0, 5576.0, 5271.0, 5302.0, 5495.0, 5276.0, 5455.0, 5703.0, 5710.0, 5483.0, 5308.0, 5371.0, 5466.0, 5383.0, 5268.0, 5567.0, 5681.0, 5652.0, 5484.0, 5299.0, 5506.0, 5714.0, 5503.0, 5529.0, 5613.0, 5682.0, 5608.0, 5428.0, 5606.0, 5281.0, 5399.0, 5459.0, 5522.0, 5375.0, 5295.0, 5452.0, 5318.0, 5267.0, 5415.0, 5562.0, 5382.0, 5607.0, 5568.0, 5397.0, 5631.0, 5594.0, 5363.0, 5708.0, 5320.0, 5648.0, 5635.0, 5665.0, 5426.0, 5699.0, 5410.0, 5600.0 (number of hits: 23)
20	5290	9	1	333	1	5654.0, 5556.0, 5362.0, 5343.0, 5675.0, 5418.0, 5336.0, 5391.0, 5422.0, 5426.0, 5590.0, 5660.0, 5504.0, 5411.0, 5512.0, 5592.0, 5420.0, 5601.0, 5702.0, 5666.0, 5379.0, 5335.0, 5383.0, 5506.0, 5406.0, 5479.0, 5508.0, 5297.0, 5668.0, 5269.0, 5365.0, 5472.0, 5583.0, 5585.0, 5409.0, 5330.0, 5285.0, 5714.0, 5598.0, 5360.0,

						5642.0, 5516.0, 5611.0, 5478.0, 5462.0, 5694.0, 5274.0, 5674.0, 5545.0, 5649.0, 5680.0, 5412.0, 5415.0, 5468.0, 5510.0, 5704.0, 5720.0, 5368.0, 5334.0, 5721.0, 5639.0, 5599.0, 5325.0, 5595.0, 5683.0, 5305.0, 5498.0, 5635.0, 5430.0, 5610.0, 5712.0, 5708.0, 5453.0, 5374.0, 5596.0, 5280.0, 5443.0, 5291.0, 5690.0, 5450.0, 5260.0, 5315.0, 5679.0, 5377.0, 5259.0, 5529.0, 5308.0, 5358.0, 5488.0, 5273.0, 5678.0, 5328.0, 5710.0, 5413.0, 5366.0, 5647.0, 5408.0, 5505.0, 5559.0, 5605.0 (number of hits: 14)
21	5290	9	1	333	1	5552.0, 5650.0, 5476.0, 5455.0, 5535.0, 5603.0, 5380.0, 5270.0, 5696.0, 5295.0, 5292.0, 5546.0, 5716.0, 5335.0, 5632.0, 5290.0, 5293.0, 5499.0, 5485.0, 5388.0, 5281.0, 5417.0, 5390.0, 5590.0, 5542.0, 5277.0, 5345.0, 5454.0, 5508.0, 5348.0, 5640.0, 5580.0, 5615.0, 5586.0, 5301.0, 5289.0, 5501.0, 5353.0, 5624.0, 5435.0, 5525.0, 5303.0, 5374.0, 5587.0, 5296.0, 5269.0, 5403.0, 5420.0, 5365.0, 5395.0, 5346.0, 5582.0, 5384.0, 5489.0, 5392.0, 5541.0, 5254.0, 5415.0, 5273.0, 5680.0, 5445.0, 5528.0, 5323.0, 5665.0, 5649.0, 5505.0, 5715.0, 5605.0, 5522.0, 5504.0, 5711.0, 5663.0, 5370.0, 5458.0, 5288.0, 5713.0, 5333.0, 5361.0, 5597.0, 5539.0, 5360.0, 5523.0, 5373.0, 5647.0, 5710.0, 5572.0, 5566.0, 5364.0, 5554.0, 5483.0, 5518.0, 5672.0, 5627.0, 5391.0, 5600.0, 5667.0, 5593.0, 5530.0, 5524.0, 5450.0 (number of hits: 16)
22	5290	9	1	333	1	5262.0, 5265.0, 5483.0, 5339.0, 5578.0, 5456.0, 5359.0, 5690.0, 5536.0, 5663.0, 5394.0, 5316.0, 5506.0, 5450.0, 5340.0, 5432.0, 5437.0, 5567.0, 5654.0, 5502.0, 5707.0, 5407.0, 5382.0, 5581.0, 5445.0, 5370.0, 5250.0, 5361.0, 5308.0, 5511.0, 5712.0, 5508.0, 5454.0, 5709.0, 5306.0, 5671.0, 5429.0, 5338.0, 5345.0, 5533.0, 5421.0, 5329.0, 5388.0, 5559.0, 5675.0, 5492.0, 5463.0, 5452.0, 5696.0, 5623.0, 5380.0, 5379.0, 5509.0, 5397.0, 5564.0, 5612.0, 5289.0, 5314.0, 5470.0, 5299.0, 5305.0, 5495.0, 5639.0, 5619.0, 5676.0, 5342.0, 5275.0, 5252.0, 5644.0, 5326.0, 5631.0, 5404.0, 5487.0, 5695.0, 5312.0, 5708.0, 5647.0, 5683.0, 5442.0, 5280.0, 5330.0, 5627.0, 5414.0, 5582.0, 5666.0, 5497.0, 5537.0, 5355.0, 5609.0, 5704.0, 5447.0, 5703.0, 5270.0, 5293.0, 5396.0, 5589.0, 5446.0, 5304.0, 5401.0, 5540.0 (number of hits: 19)
23	5290	9	1	333	1	5466.0, 5718.0, 5385.0, 5336.0, 5438.0, 5282.0, 5621.0, 5372.0, 5449.0, 5558.0, 5495.0, 5392.0, 5426.0, 5264.0, 5435.0, 5504.0, 5550.0, 5501.0, 5355.0, 5684.0,

						5585.0, 5564.0, 5479.0, 5552.0, 5415.0, 5462.0, 5439.0, 5698.0, 5255.0, 5296.0, 5557.0, 5267.0, 5702.0, 5476.0, 5709.0, 5647.0, 5661.0, 5289.0, 5430.0, 5512.0, 5304.0, 5456.0, 5269.0, 5420.0, 5692.0, 5534.0, 5325.0, 5699.0, 5560.0, 5483.0, 5412.0, 5633.0, 5580.0, 5555.0, 5408.0, 5614.0, 5413.0, 5453.0, 5475.0, 5455.0, 5434.0, 5352.0, 5465.0, 5575.0, 5424.0, 5471.0, 5631.0, 5448.0, 5714.0, 5266.0, 5561.0, 5610.0, 5472.0, 5421.0, 5524.0, 5510.0, 5433.0, 5519.0, 5650.0, 5354.0, 5284.0, 5379.0, 5277.0, 5587.0, 5632.0, 5721.0, 5342.0, 5257.0, 5378.0, 5652.0, 5400.0, 5317.0, 5393.0, 5640.0, 5645.0, 5581.0, 5670.0, 5533.0, 5523.0, 5579.0 (number of hits: 14)
24	5290	9	1	333	1	5503.0, 5662.0, 5269.0, 5572.0, 5439.0, 5583.0, 5552.0, 5691.0, 5712.0, 5535.0, 5704.0, 5407.0, 5357.0, 5419.0, 5448.0, 5348.0, 5510.0, 5328.0, 5303.0, 5476.0, 5584.0, 5626.0, 5519.0, 5273.0, 5554.0, 5471.0, 5492.0, 5251.0, 5444.0, 5654.0, 5481.0, 5258.0, 5596.0, 5671.0, 5498.0, 5501.0, 5702.0, 5354.0, 5281.0, 5341.0, 5381.0, 5253.0, 5645.0, 5391.0, 5396.0, 5517.0, 5455.0, 5465.0, 5703.0, 5655.0, 5254.0, 5714.0, 5479.0, 5644.0, 5693.0, 5641.0, 5617.0, 5343.0, 5653.0, 5289.0, 5427.0, 5279.0, 5408.0, 5591.0, 5716.0, 5690.0, 5489.0, 5428.0, 5490.0, 5606.0, 5685.0, 5360.0, 5440.0, 5512.0, 5506.0, 5327.0, 5261.0, 5588.0, 5332.0, 5556.0, 5713.0, 5648.0, 5449.0, 5397.0, 5377.0, 5687.0, 5496.0, 5366.0, 5695.0, 5404.0, 5660.0, 5568.0, 5482.0, 5664.0, 5541.0, 5620.0, 5717.0, 5376.0, 5545.0, 5364.0 (number of hits: 13)
25	5290	9	1	333	1	5658.0, 5714.0, 5504.0, 5286.0, 5569.0, 5648.0, 5462.0, 5622.0, 5670.0, 5341.0, 5364.0, 5474.0, 5540.0, 5438.0, 5709.0, 5437.0, 5633.0, 5430.0, 5573.0, 5493.0, 5485.0, 5677.0, 5431.0, 5568.0, 5264.0, 5520.0, 5552.0, 5536.0, 5319.0, 5343.0, 5380.0, 5387.0, 5672.0, 5362.0, 5282.0, 5372.0, 5636.0, 5499.0, 5342.0, 5433.0, 5496.0, 5615.0, 5592.0, 5361.0, 5316.0, 5546.0, 5639.0, 5551.0, 5339.0, 5638.0, 5303.0, 5657.0, 5617.0, 5650.0, 5599.0, 5450.0, 5502.0, 5646.0, 5515.0, 5623.0, 5698.0, 5267.0, 5612.0, 5257.0, 5527.0, 5675.0, 5549.0, 5605.0, 5314.0, 5469.0, 5392.0, 5252.0, 5388.0, 5580.0, 5542.0, 5263.0, 5296.0, 5604.0, 5367.0, 5676.0, 5694.0, 5400.0, 5535.0, 5699.0, 5396.0, 5595.0, 5695.0, 5452.0, 5390.0, 5721.0, 5663.0, 5311.0, 5444.0, 5261.0, 5691.0, 5465.0, 5606.0, 5620.0, 5570.0, 5634.0 (number of hits: 14)

26	5290	9	1	333	1	5577.0, 5389.0, 5324.0, 5329.0, 5301.0, 5270.0, 5456.0, 5692.0, 5698.0, 5414.0, 5697.0, 5273.0, 5405.0, 5555.0, 5473.0, 5674.0, 5684.0, 5250.0, 5556.0, 5615.0, 5589.0, 5666.0, 5715.0, 5372.0, 5489.0, 5689.0, 5364.0, 5654.0, 5320.0, 5467.0, 5535.0, 5408.0, 5359.0, 5450.0, 5540.0, 5385.0, 5361.0, 5587.0, 5536.0, 5630.0, 5351.0, 5710.0, 5667.0, 5311.0, 5699.0, 5404.0, 5609.0, 5704.0, 5665.0, 5491.0, 5649.0, 5515.0, 5627.0, 5478.0, 5391.0, 5334.0, 5428.0, 5544.0, 5373.0, 5560.0, 5702.0, 5705.0, 5426.0, 5393.0, 5423.0, 5365.0, 5572.0, 5367.0, 5349.0, 5591.0, 5265.0, 5700.0, 5616.0, 5582.0, 5437.0, 5622.0, 5593.0, 5272.0, 5425.0, 5435.0, 5500.0, 5453.0, 5341.0, 5530.0, 5611.0, 5506.0, 5683.0, 5422.0, 5459.0, 5277.0, 5251.0, 5498.0, 5442.0, 5499.0, 5504.0, 5521.0, 5714.0, 5402.0, 5322.0, 5369.0 (number of hits: 13)
27	5290	9	1	333	1	5687.0, 5469.0, 5333.0, 5397.0, 5330.0, 5633.0, 5372.0, 5719.0, 5398.0, 5391.0, 5412.0, 5306.0, 5470.0, 5318.0, 5697.0, 5634.0, 5490.0, 5518.0, 5255.0, 5669.0, 5656.0, 5456.0, 5514.0, 5413.0, 5369.0, 5641.0, 5716.0, 5665.0, 5509.0, 5591.0, 5520.0, 5423.0, 5453.0, 5401.0, 5319.0, 5658.0, 5589.0, 5278.0, 5671.0, 5695.0, 5417.0, 5304.0, 5600.0, 5472.0, 5286.0, 5360.0, 5308.0, 5616.0, 5621.0, 5275.0, 5506.0, 5612.0, 5450.0, 5324.0, 5501.0, 5723.0, 5558.0, 5297.0, 5544.0, 5280.0, 5563.0, 5615.0, 5440.0, 5599.0, 5406.0, 5611.0, 5424.0, 5607.0, 5454.0, 5721.0, 5620.0, 5361.0, 5632.0, 5383.0, 5370.0, 5486.0, 5385.0, 5682.0, 5461.0, 5561.0, 5673.0, 5491.0, 5394.0, 5265.0, 5708.0, 5437.0, 5338.0, 5718.0, 5396.0, 5438.0, 5511.0, 5359.0, 5446.0, 5533.0, 5395.0, 5623.0, 5703.0, 5680.0, 5465.0, 5307.0 (number of hits: 14)
28	5290	9	1	333	1	5315.0, 5696.0, 5606.0, 5608.0, 5354.0, 5426.0, 5624.0, 5344.0, 5409.0, 5399.0, 5331.0, 5568.0, 5716.0, 5471.0, 5713.0, 5287.0, 5270.0, 5706.0, 5285.0, 5476.0, 5265.0, 5663.0, 5516.0, 5620.0, 5403.0, 5252.0, 5411.0, 5550.0, 5390.0, 5639.0, 5263.0, 5413.0, 5709.0, 5283.0, 5676.0, 5533.0, 5614.0, 5274.0, 5504.0, 5610.0, 5720.0, 5439.0, 5398.0, 5458.0, 5319.0, 5631.0, 5541.0, 5446.0, 5470.0, 5592.0, 5345.0, 5416.0, 5372.0, 5613.0, 5575.0, 5378.0, 5534.0, 5570.0, 5480.0, 5492.0, 5565.0, 5704.0, 5317.0, 5468.0, 5333.0, 5569.0, 5650.0, 5465.0, 5681.0, 5473.0, 5487.0, 5596.0, 5314.0, 5661.0, 5636.0, 5488.0, 5441.0, 5451.0, 5423.0, 5410.0, 5536.0, 5461.0, 5288.0, 5532.0, 5391.0,

						5491.0, 5594.0, 5348.0, 5382.0, 5255.0, 5386.0, 5364.0, 5567.0, 5349.0, 5562.0, 5558.0, 5682.0, 5266.0, 5576.0, 5552.0 (number of hits: 15)
29	5290	9	1	333	1	5649.0, 5354.0, 5263.0, 5670.0, 5479.0, 5601.0, 5370.0, 5625.0, 5273.0, 5362.0, 5326.0, 5413.0, 5570.0, 5631.0, 5418.0, 5303.0, 5350.0, 5653.0, 5278.0, 5623.0, 5335.0, 5511.0, 5318.0, 5428.0, 5498.0, 5391.0, 5518.0, 5492.0, 5452.0, 5633.0, 5259.0, 5536.0, 5394.0, 5551.0, 5588.0, 5425.0, 5467.0, 5446.0, 5542.0, 5419.0, 5477.0, 5392.0, 5279.0, 5713.0, 5629.0, 5558.0, 5293.0, 5496.0, 5292.0, 5374.0, 5614.0, 5517.0, 5470.0, 5665.0, 5460.0, 5288.0, 5709.0, 5286.0, 5264.0, 5315.0, 5390.0, 5579.0, 5322.0, 5431.0, 5672.0, 5412.0, 5587.0, 5647.0, 5723.0, 5619.0, 5330.0, 5417.0, 5364.0, 5314.0, 5528.0, 5675.0, 5408.0, 5402.0, 5398.0, 5291.0, 5388.0, 5582.0, 5594.0, 5353.0, 5268.0, 5571.0, 5277.0, 5450.0, 5572.0, 5487.0, 5599.0, 5664.0, 5466.0, 5483.0, 5497.0, 5546.0, 5250.0, 5605.0, 5659.0, 5639.0 (number of hits: 20)
30	5290	9	1	333	1	5601.0, 5494.0, 5410.0, 5407.0, 5403.0, 5641.0, 5334.0, 5646.0, 5595.0, 5412.0, 5676.0, 5614.0, 5630.0, 5521.0, 5637.0, 5657.0, 5549.0, 5564.0, 5651.0, 5593.0, 5621.0, 5324.0, 5425.0, 5594.0, 5691.0, 5468.0, 5626.0, 5261.0, 5318.0, 5314.0, 5693.0, 5484.0, 5516.0, 5432.0, 5313.0, 5452.0, 5609.0, 5312.0, 5623.0, 5464.0, 5573.0, 5371.0, 5590.0, 5418.0, 5258.0, 5399.0, 5451.0, 5486.0, 5323.0, 5599.0, 5576.0, 5450.0, 5580.0, 5723.0, 5533.0, 5443.0, 5400.0, 5357.0, 5360.0, 5458.0, 5481.0, 5642.0, 5382.0, 5377.0, 5290.0, 5579.0, 5656.0, 5555.0, 5675.0, 5562.0, 5560.0, 5688.0, 5668.0, 5390.0, 5703.0, 5552.0, 5530.0, 5575.0, 5527.0, 5406.0, 5305.0, 5686.0, 5393.0, 5648.0, 5600.0, 5680.0, 5545.0, 5302.0, 5457.0, 5488.0, 5326.0, 5509.0, 5374.0, 5697.0, 5504.0, 5341.0, 5265.0, 5337.0, 5257.0, 5548.0 (number of hits: 14)

5500 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	83.3 %	60%	Pass
Aggregate (Type1 to 4)	120	92.5 %	80%	Pass
Type 5	30	86.7 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5500 MHz, 20 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	99	1	538	1
2	5500	102	1	518	1
3	5500	92	1	578	1
4	5500	18	1	3066	1
5	5500	62	1	858	1
6	5500	61	1	878	1
7	5500	58	1	918	1
8	5500	72	1	738	1
9	5500	78	1	678	1
10	5500	67	1	798	1
11	5500	86	1	618	1
12	5500	70	1	758	1
13	5500	83	1	638	1
14	5500	65	1	818	1
15	5500	89	1	598	1
16	5500	23	1	2351	1
17	5500	26	1	2058	1
18	5500	69	1	765	1
19	5500	27	1	1976	1
20	5500	82	1	647	1
21	5500	21	1	2606	1
22	5500	24	1	2250	1
23	5500	19	1	2796	1
24	5500	33	1	1614	1
25	5500	67	1	792	1
26	5500	23	1	2362	1
27	5500	18	1	2971	1
28	5500	33	1	1603	1
29	5500	23	1	2338	1
30	5500	26	1	2085	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	23	1.6	152	1
2	5500	28	1.7	168	1
3	5500	26	1.9	223	1
4	5500	29	4.5	206	1
5	5500	28	2	229	1
6	5500	24	3.8	203	1
7	5500	23	4.6	230	1
8	5500	25	2.4	197	1
9	5500	28	1.6	173	1
10	5500	28	4.1	192	1
11	5500	23	3.2	150	1
12	5500	28	3.4	227	1
13	5500	28	2.3	202	1
14	5500	26	1.1	210	1
15	5500	27	3.7	201	1
16	5500	25	2.9	217	1
17	5500	26	2.3	178	1
18	5500	29	2.1	217	1
19	5500	29	1	182	1
20	5500	23	1.4	217	1
21	5500	28	1.7	160	1
22	5500	23	1.4	154	1
23	5500	26	4.1	172	1
24	5500	29	3.6	228	1
25	5500	27	4	168	1
26	5500	24	4.2	186	1
27	5500	25	4	167	1
28	5500	23	2	193	1
29	5500	27	1.5	208	1
30	5500	23	5	220	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	17	6.1	411	1
2	5500	17	6.5	441	1
3	5500	18	9.2	279	1
4	5500	18	7	243	1
5	5500	16	7.4	405	1
6	5500	18	7.5	496	1
7	5500	16	6.7	221	1
8	5500	17	8.8	436	1
9	5500	16	6	234	1
10	5500	16	10	390	1
11	5500	18	8.8	298	1
12	5500	18	6.9	327	1
13	5500	17	8.2	259	1
14	5500	18	8.3	389	1
15	5500	16	8.5	334	1
16	5500	16	6.8	409	1
17	5500	17	9.9	264	1
18	5500	17	7.3	466	0
19	5500	18	7.6	309	1
20	5500	16	6.2	477	1
21	5500	17	8.1	421	1
22	5500	17	6.7	269	0
23	5500	18	7.8	359	1
24	5500	18	6.4	273	1
25	5500	18	9.1	262	1
26	5500	16	9.4	397	0
27	5500	17	10	443	1
28	5500	16	7.5	483	0
29	5500	16	7.7	326	1
30	5500	18	8.9	382	1
Detection Percentage: 86.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	12	15.7	396	1
2	5500	14	12.6	300	0
3	5500	13	16.9	229	1
4	5500	15	16.9	343	1
5	5500	15	14.7	415	1
6	5500	12	11.9	442	0
7	5500	15	17	432	1
8	5500	12	16.3	314	1
9	5500	15	13	355	1
10	5500	15	18.1	399	1
11	5500	14	14.7	219	1
12	5500	14	15.6	237	1
13	5500	12	16	328	1
14	5500	16	20	212	1
15	5500	14	11.2	239	1
16	5500	15	11.4	326	1
17	5500	12	13.6	362	1
18	5500	16	11.5	486	1
19	5500	12	16.5	215	0
20	5500	13	11.2	352	1
21	5500	13	14.4	272	1
22	5500	16	16.5	441	0
23	5500	15	13	219	1
24	5500	16	12	397	1
25	5500	15	19.2	380	1
26	5500	13	16.4	406	0
27	5500	16	17.9	396	1
28	5500	12	16.3	398	1
29	5500	15	14.8	318	1
30	5500	15	12.3	378	1
Detection Percentage: 83.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5500	1
2	5500	1
3	5500	0
4	5500	1
5	5500	1
6	5500	1
7	5500	1
8	5500	0
9	5500	1
10	5500	1
11	5498.0	1
12	5494.4	1
13	5496.4	1
14	5496.4	1
15	5492.4	1
16	5498.0	1
17	5494.8	1
18	5492.8	1
19	5498.0	1
20	5497.2	1
21	5506.8	1
22	5505.2	1
23	5505.2	1
24	5502.0	1
25	5504.0	0
26	5506.0	1
27	5503.6	1
28	5502.8	0
29	5507.2	1
30	5506.0	1
Detection Percentage: 86.7 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	78.1	1808		0.53912	
1	2	12	74.7	1946		1.105371	
2	2	12	78.4	1270		1.600833	
3	3	12	85.1	1127	1877	2.103709	
4	1	12	76.7			2.741805	
5	2	12	79.9	1554		3.400631	
6	1	12	64.5			4.360219	
7	3	12	65.8	1975	1646	4.847067	
8	3	12	81.7	1292	1482	5.579207	1
9	1	12	67.4			6.470235	
10	3	12	96.7	1903	1722	6.816832	
11	2	12	89.8	1745		7.802433	
12	2	12	57.1	1236		8.394363	
13	3	12	63.7	1160	1553	9.282444	
14	3	12	62.9	1671	1073	9.603376	
15	2	12	72.7	1996		10.18468	
16	2	12	71.6	1841		10.901673	
17	3	12	90.5	1813	1975	11.917697	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	92.1			0.605407	
1	2	16	96.1	1368		2.044678	
2	2	16	82.4	1071		2.830034	
3	1	16	75.9			3.97909	
4	1	16	58			4.897154	
5	2	16	97.9	1774		6.485093	1
6	2	16	61.4	1911		7.578032	
7	1	16	71.8			7.981776	
8	2	16	68.2	1977		9.29193	
9	2	16	81.4	1460		10.627683	
10	3	16	85	1976	1687	11.220238	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	78.1	1891		0.534035	
1	1	11	84.7			0.915911	
2	1	11	84.6			2.111501	
3	3	11	79.3	1665	1827	2.786135	
4	1	11	51.6			3.010942	
5	3	11	91.2	1052	1594	3.93003	
6	3	11	93	1008	1418	4.609056	
7	3	11	97.2	1120	1645	5.51823	
8	1	11	71.6			5.800031	
9	2	11	54.7	1393		6.803949	0
10	2	11	93.3	1914		7.581553	
11	1	11	58.2			8.353278	
12	2	11	89.8	1721		8.617526	
13	1	11	66.1			9.450735	
14	2	11	84.5	1436		10.035612	
15	1	11	82.3			11.229008	
16	3	11	93.7	1243	1878	11.400255	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	88.1			0.291649	
1	3	11	69.3	1564	1564	0.975689	
2	2	11	60.7	1936		1.729426	
3	1	11	92.5			2.176213	
4	3	11	84	1454	1660	3.161919	
5	2	11	60.6	1748		3.578798	
6	1	11	82.4			4.253319	
7	2	11	98	1130		4.891173	
8	2	11	59.4	1908		5.965894	
9	2	11	71.6	1362		6.190353	1
10	2	11	66.1	1985		7.013883	
11	3	11	86.3	1233	1406	7.512102	
12	2	11	93.3	1429		8.519508	
13	3	11	70.9	1804	1539	9.297797	
14	1	11	58.6			9.959575	
15	1	11	90.4			10.091661	
16	2	11	73.9	1436		11.262569	
17	2	11	50.3	1424		11.635182	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	83.5	1862	1638	0.019907	
1	3	14	64.3	1959	1644	0.86266	
2	3	14	74	1308	1229	1.499365	
3	2	14	72.8	1083		2.230928	
4	3	14	79.1	1363	1307	2.827017	
5	2	14	72.7	1801		3.385538	
6	2	14	98.7	1787		4.136286	
7	2	14	97.1	1875		4.561419	
8	1	14	75.5			4.905906	
9	2	14	89.3	1812		5.887524	1
10	2	14	85.3	1646		6.226043	
11	1	14	83.1			6.813181	
12	3	14	63	1595	1069	7.289503	
13	1	14	89.4			7.847315	
14	1	14	73.5			8.855966	
15	3	14	58	1929	1549	9.276088	
16	2	14	83.3	1437		9.685474	
17	2	14	67.9	1866		10.714417	
18	3	14	53.8	1340	1068	11.11278	
19	3	14	97.5	1163	1428	11.832082	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	68.8	1094	1732	0.22538	
1	1	15	86.8			1.051432	
2	2	15	76.6	1691		1.39954	
3	3	15	70.3	1498	1790	1.884183	
4	2	15	82.5	1639		2.49068	
5	2	15	71.2	1028		3.154236	
6	2	15	71.6	1700		4.070836	
7	1	15	88.6			4.5832	
8	2	15	93.3	1581		4.892576	
9	2	15	91.6	1704		5.618937	
10	3	15	54	1258	1538	6.227524	1
11	1	15	70.8			7.163668	
12	3	15	90.6	1165	1987	7.682593	
13	3	15	73.5	1460	1293	8.365202	
14	1	15	79.6			8.630469	
15	3	15	58.6	1428	1633	9.184876	
16	2	15	84.7	1816		9.679703	
17	2	15	53.3	1689		10.740424	
18	1	15	93.6			11.027061	
19	2	15	81.2	1445		11.867656	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	85.5			0.790955	
1	1	8	85.2			1.427166	
2	2	8	78.8	1993		2.792664	
3	3	8	95.7	1049	1582	3.068248	
4	2	8	75.4	1954		4.101733	
5	2	8	95.2	1957		5.394092	1
6	2	8	59.6	1980		6.428963	
7	2	8	88.4	1333		7.068321	
8	3	8	52.9	1755	1539	8.076428	
9	3	8	91.2	1032	1254	9.660018	
10	3	8	65.2	1939	1501	10.161192	
11	2	8	67.6	1870		11.058679	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	71	1805	1010	0.899669	
1	2	9	92.4	1607		1.483175	
2	2	9	74.3	1094		2.808541	
3	2	9	91.9	1609		4.021375	
4	1	9	56.4			5.074968	
5	3	9	93.5	1099	1010	5.496327	0
6	2	9	50.6	1452		7.271794	
7	2	9	68.5	1299		8.428086	
8	1	9	99.7			9.767838	
9	1	9	52.1			10.755411	
10	3	9	87.5	1737	1835	11.771409	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	96.5	1220		0.023727	
1	1	15	75.7			1.292959	
2	2	15	71.8	1807		3.196669	
3	2	15	63.8	1381		3.769996	
4	1	15	70			5.639103	
5	1	15	98.3			6.267789	1
6	2	15	69.5	1746		7.596518	
7	2	15	94.4	1036		8.916079	
8	1	15	57.5			10.016556	
9	3	15	84	1793	1683	11.789323	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	71.5	1257		0.129898	
1	3	6	71.3	1493	1238	1.062943	
2	2	6	57.5	1208		1.470043	
3	3	6	89.9	1018	1725	2.482235	
4	1	6	70			3.137141	
5	2	6	82.2	1753		3.84468	
6	2	6	67.5	1230		4.563181	
7	2	6	64.2	1230		5.252279	
8	2	6	85.1	1503		5.675872	1
9	2	6	76.9	1504		7.040722	
10	2	6	88.4	1056		7.299461	
11	3	6	88.6	1612	1055	7.899221	
12	2	6	76.7	1241		9.122886	
13	2	6	84.1	1714		9.302012	
14	3	6	81.8	1943	1033	10.381558	
15	3	6	89.1	1184	1904	11.070809	
16	1	6	93.4			11.489672	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	80	1847	1912	0.177793	
1	1	20	77.2			1.980719	
2	1	20	97.6			2.737213	
3	1	20	81.9			4.144258	
4	3	20	97.6	1937	1798	4.998041	
5	2	20	93.5	1788		5.778436	1
6	2	20	88	1662		6.577896	
7	1	20	67.7			8.572809	
8	3	20	66.7	1778	1483	9.614285	
9	2	20	95.4	1716		10.60381	
10	3	20	82.4	1332	1029	11.675595	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	56.4	1618		0.041061	
1	2	11	53.4	1741		1.630096	
2	3	11	51	1312	1294	3.42443	
3	3	11	50.3	1834	1367	4.21544	
4	2	11	67.3	1091		6.310209	1
5	2	11	65	1778		7.195702	
6	2	11	79.6	1107		9.164331	
7	2	11	87.4	1323		10.419808	
8	1	11	79.1			11.879056	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	97.1	1712		0.694362	
1	1	16	87.1			0.886678	
2	2	16	50.3	1808		2.235725	
3	2	16	97.8	1800		2.788221	
4	1	16	51.1			3.333675	
5	2	16	85.5	1569		4.32625	
6	1	16	77.3			5.462917	
7	1	16	88.5			5.769867	1
8	3	16	92	1598	1226	6.75738	
9	2	16	92.5	1700		7.378374	
10	1	16	87.2			8.599687	
11	1	16	76			8.854379	
12	1	16	89.5			9.651046	
13	2	16	71	1486		10.788787	
14	2	16	90.7	1575		11.492648	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	97.1			1.104709	
1	2	16	76.8	1867		1.739514	
2	1	16	78.3			3.382057	
3	3	16	55.9	1484	1806	4.124548	
4	2	16	56.4	1240		6.54201	1
5	2	16	59.3	1056		7.954173	
6	1	16	63.8			8.066224	
7	2	16	77.2	1689		9.827263	
8	2	16	61.4	1143		11.217879	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	66.6			0.816858	
1	3	6	54.3	1598	1865	1.245049	
2	3	6	96.9	1212	1254	2.531192	
3	2	6	98.2	1882		3.343449	
4	1	6	58.3			4.226757	
5	1	6	96.7			5.51977	
6	2	6	84.8	1489		5.814883	1
7	2	6	66.9	1531		6.950795	
8	2	6	80.1	1964		7.924219	
9	1	6	55			8.436497	
10	2	6	79.6	1911		10.137408	
11	2	6	87.2	1391		10.688474	
12	2	6	59.1	1142		11.476068	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	71	1517		0.0495	
1	2	20	96.2	1917		2.605269	
2	2	20	55.1	1552		3.315911	
3	2	20	65.6	1536		4.965858	
4	2	20	98.9	1049		5.842728	1
5	1	20	99.8			7.822805	
6	3	20	88.3	1964	1770	8.516381	
7	2	20	78.3	1128		10.227788	
8	3	20	64.8	1395	1645	10.811812	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	53.4			0.575899	
1	1	12	94.2			1.415885	
2	3	12	68.6	1185	1701	3.379168	
3	1	12	56.7			4.402894	
4	1	12	75.6			5.023713	
5	1	12	68			6.854523	0
6	2	12	59.9	1013		7.528514	
7	3	12	83.9	1027	1479	8.993183	
8	2	12	58.4	1688		9.702576	
9	2	12	64.6	1845		11.093619	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	100			0.135182	
1	2	7	85.5	1345		1.309732	
2	1	7	59.8			1.926944	
3	1	7	79.5			2.929452	
4	1	7	52.8			3.856624	
5	3	7	97	1631	1990	4.582364	
6	2	7	98.8	1733		5.564459	
7	1	7	97.1			5.703306	1
8	3	7	84.3	1653	1451	6.585436	
9	3	7	68.8	1549	1437	7.791001	
10	1	7	90.3			8.75454	
11	2	7	59.4	1382		9.370902	
12	2	7	72.4	1342		10.227989	
13	1	7	53.3			11.027259	
14	2	7	76.7	1783		11.242917	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	76.9	1788		0.836224	
1	2	20	80.7	1586		2.182166	
2	1	20	70.2			3.571095	
3	2	20	64.1	1036		3.615424	
4	2	20	75.6	1057		5.93603	
5	3	20	53.2	1762	1321	7.13629	1
6	1	20	76.4			8.391113	
7	3	20	79.6	1045	1274	8.614659	
8	2	20	90.1	1471		9.817243	
9	3	20	61.1	1873	1595	11.021836	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	83.2	1785		0.359901	
1	2	18	68.5	1175		1.380278	
2	2	18	61.2	1082		2.349502	
3	1	18	60			3.812388	
4	2	18	58.1	1302		4.505971	
5	3	18	97.3	1875	1603	5.091045	
6	2	18	87.7	1738		6.491138	1
7	2	18	82.6	1731		7.574914	
8	2	18	81.6	1506		8.298319	
9	2	18	75.2	1855		9.666125	
10	2	18	51.3	1193		10.993222	
11	1	18	66.4			11.681115	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	68.5	1556		0.985462	
1	2	8	81.7	1120		1.188004	
2	2	8	58	1960		2.449667	
3	2	8	85.3	1027		3.806392	
4	2	8	85.6	1563		5.261756	
5	2	8	81.6	1051		5.931143	1
6	2	8	88.3	1307		6.787045	
7	2	8	74	1371		8.557276	
8	3	8	90.9	1561	1277	9.395876	
9	1	8	98.8			10.081934	
10	1	8	69.5			11.813653	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	62.8	1735		0.343946	
1	2	12	53	1339		0.773004	
2	1	12	77.7			1.810771	
3	2	12	74.9	1313		2.486372	
4	3	12	94.1	1417	1670	3.491123	
5	2	12	63.3	1008		4.031268	
6	2	12	77.1	1438		4.767028	
7	2	12	97.2	1411		5.447297	
8	1	12	93.1			5.971743	1
9	2	12	56.2	1234		6.356775	
10	1	12	64			7.351476	
11	1	12	56.1			8.18774	
12	3	12	82.1	1127	1517	8.911396	
13	3	12	61.7	1929	1643	9.299703	
14	3	12	83.6	1817	1076	10.427478	
15	3	12	70.2	1421	1609	10.607931	
16	2	12	54.4	1262		11.955995	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	96.8	1666		0.265589	
1	1	12	59.3			1.900596	
2	3	12	61.3	1973	1879	3.196356	
3	2	12	92.7	1964		3.278661	
4	1	12	76.7			5.393018	
5	2	12	95.8	1522		6.067722	1
6	2	12	51.9	1355		7.257677	
7	1	12	68.7			8.080946	
8	3	12	76.4	1206	1272	8.730025	
9	2	12	95.4	1273		10.647825	
10	1	12	95.5			11.764355	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	84.2	1534		0.761469	
1	2	20	83.1	1464		1.571522	
2	2	20	61	1403		2.256179	
3	3	20	87	1381	1088	2.451211	
4	3	20	96.4	1306	1951	3.839383	
5	1	20	98.5			4.330425	
6	2	20	76.3	1932		5.045021	
7	1	20	51.8			6.0785	1
8	1	20	86.3			6.408344	
9	1	20	54			7.937309	
10	3	20	89.3	1004	1539	8.614596	
11	2	20	50.7	1531		8.944399	
12	2	20	57.9	1588		9.784642	
13	1	20	58.5			10.749435	
14	2	20	67.5	1016		11.899875	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	57.2	1693		0.212463	
1	3	15	86	1799	1519	1.059519	
2	2	15	71.8	1087		1.67928	
3	3	15	93	1279	1889	2.121473	
4	1	15	86			3.025004	
5	2	15	96	1006		3.311489	
6	2	15	91.6	1397		4.159286	
7	1	15	79.9			4.909583	
8	3	15	63.4	1802	1062	5.456897	
9	3	15	91.7	1105	1055	6.042984	0
10	3	15	90.7	1739	1150	6.574151	
11	3	15	64	1138	1787	7.036581	
12	2	15	61.6	1691		7.740655	
13	3	15	73.1	1978	1921	8.748122	
14	2	15	96.7	1244		9.170461	
15	2	15	81.8	1869		9.799764	
16	1	15	72.8			10.362619	
17	2	15	81.9	1938		10.987359	
18	3	15	74.4	1795	1676	11.562722	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	65.1	1975		0.182393	
1	2	10	64.5	1240		1.07932	
2	2	10	74.4	1307		1.794735	
3	1	10	72.3			2.493063	
4	1	10	53.9			3.034456	
5	1	10	84.7			3.493127	
6	3	10	63.5	1505	1198	4.244778	
7	3	10	89.4	1562	1119	4.740035	
8	2	10	91.7	1214		5.143079	
9	3	10	72.3	1214	1818	5.896025	1
10	3	10	87.9	1718	1831	6.773435	
11	3	10	95.5	1494	1754	7.33947	
12	2	10	66.4	1391		7.681411	
13	3	10	83.5	1427	1984	8.435604	
14	3	10	55.9	1746	1905	9.39555	
15	2	10	94.8	1476		10.064076	
16	2	10	74.7	1210		10.661052	
17	3	10	55.8	1286	1194	11.027528	
18	1	10	90.7			11.501059	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	70.1	1810		0.38773	
1	2	16	76.2	1816		2.086445	
2	2	16	90.7	1404		3.293462	
3	3	16	97.1	1053	1748	4.564967	
4	2	16	72.6	1278		5.611528	1
5	3	16	52.1	1204	1252	6.510427	
6	1	16	68.1			8.264403	
7	2	16	78.4	1686		9.463263	
8	2	16	90.3	1026		9.874003	
9	1	16	54.6			11.598695	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	59	1730	1839	1.211574	
1	3	18	67.6	1936	1255	2.450531	
2	2	18	96.9	1922		3.41689	
3	1	18	61.9			5.51385	0
4	2	18	71.7	1875		6.430098	
5	3	18	86.7	1425	1415	7.644055	
6	1	18	88.8			9.989203	
7	2	18	79.2	1168		10.544009	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	52.8	1225	1348	0.506439	
1	3	7	79.4	1443	1550	1.073414	
2	1	7	54.3			1.389823	
3	2	7	82.7	1591		2.351114	
4	1	7	82			2.732817	
5	1	7	87.3			3.75609	
6	2	7	69.6	1738		3.954215	
7	3	7	90.4	1771	1929	4.457502	
8	2	7	60.5	1702		5.334054	
9	3	7	90	1450	1817	5.97637	1
10	3	7	93	1342	1640	6.478763	
11	1	7	98.4			7.527741	
12	1	7	68.9			7.887998	
13	1	7	91.9			8.581285	
14	1	7	85.9			8.944801	
15	3	7	51	1866	1114	9.859539	
16	2	7	67.3	1546		10.330634	
17	1	7	93.1			10.851015	
18	2	7	99.1	1679		11.691482	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	86.8	1040		0.810611	
1	3	10	60.8	1181	1288	1.041238	
2	2	10	58.4	1945		2.277023	
3	2	10	58.1	1039		2.862686	
4	3	10	52.2	1764	1535	3.727369	
5	2	10	64.3	1575		4.710523	
6	2	10	53.9	1301		5.752321	
7	2	10	79.1	1028		6.417344	1
8	2	10	95.5	1267		7.517396	
9	1	10	52.1			8.416542	
10	3	10	72.6	1582	1910	9.069811	
11	2	10	84.9	1179		10.006578	
12	2	10	93.5	1403		10.718839	
13	2	10	70.1	1895		11.664166	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500	9	1	333	1	5484.0, 5309.0, 5696.0, 5656.0, 5666.0, 5721.0, 5601.0, 5523.0, 5701.0, 5459.0, 5606.0, 5328.0, 5660.0, 5590.0, 5306.0, 5518.0, 5447.0, 5394.0, 5483.0, 5672.0, 5330.0, 5442.0, 5622.0, 5445.0, 5433.0, 5556.0, 5360.0, 5671.0, 5695.0, 5654.0, 5717.0, 5446.0, 5669.0, 5644.0, 5263.0, 5699.0, 5520.0, 5689.0, 5567.0, 5504.0, 5493.0, 5578.0, 5278.0, 5565.0, 5563.0, 5516.0, 5526.0, 5704.0, 5708.0, 5558.0, 5343.0, 5618.0, 5531.0, 5298.0, 5439.0, 5552.0, 5480.0, 5455.0, 5260.0, 5688.0, 5426.0, 5390.0, 5707.0, 5634.0, 5690.0, 5418.0, 5451.0, 5620.0, 5607.0, 5553.0, 5355.0, 5345.0, 5441.0, 5623.0, 5317.0, 5658.0, 5314.0, 5354.0, 5253.0, 5320.0, 5318.0, 5341.0, 5657.0, 5636.0, 5272.0, 5287.0, 5659.0, 5466.0, 5643.0, 5503.0, 5293.0, 5251.0, 5649.0, 5348.0, 5597.0, 5375.0, 5612.0, 5438.0, 5461.0, 5353.0 (number of hits: 3)
2	5500	9	1	333	1	5687.0, 5322.0, 5347.0, 5526.0, 5522.0, 5319.0, 5570.0, 5391.0, 5467.0, 5465.0, 5576.0, 5709.0, 5678.0, 5534.0, 5471.0, 5385.0, 5613.0, 5714.0, 5691.0, 5373.0, 5625.0, 5561.0, 5658.0, 5704.0, 5492.0, 5365.0, 5647.0, 5496.0, 5484.0, 5426.0, 5584.0, 5404.0, 5521.0, 5341.0, 5620.0, 5571.0, 5378.0, 5610.0, 5468.0, 5312.0, 5390.0, 5637.0, 5641.0, 5630.0, 5499.0, 5425.0, 5650.0, 5336.0, 5479.0, 5527.0, 5327.0, 5407.0, 5329.0, 5472.0, 5569.0, 5259.0, 5434.0, 5552.0, 5311.0, 5422.0, 5680.0, 5333.0, 5305.0, 5532.0, 5671.0, 5524.0, 5459.0, 5493.0, 5715.0, 5416.0, 5593.0, 5435.0, 5352.0, 5274.0, 5623.0, 5639.0, 5288.0, 5372.0, 5399.0, 5694.0, 5660.0, 5477.0, 5440.0, 5309.0, 5415.0, 5615.0, 5563.0, 5486.0, 5621.0, 5518.0, 5306.0, 5265.0, 5685.0, 5722.0, 5554.0, 5515.0, 5451.0, 5583.0, 5283.0, 5609.0 (number of hits: 4)
3	5500	9	1	333	1	5374.0, 5705.0, 5258.0, 5596.0, 5692.0, 5623.0, 5347.0, 5605.0, 5599.0, 5600.0, 5430.0, 5513.0, 5373.0, 5346.0, 5476.0, 5320.0, 5564.0, 5286.0, 5457.0, 5712.0, 5379.0, 5419.0, 5413.0, 5342.0, 5318.0, 5533.0, 5395.0, 5308.0, 5350.0, 5343.0, 5497.0, 5377.0, 5711.0, 5470.0, 5405.0, 5667.0, 5621.0, 5421.0, 5539.0, 5254.0, 5583.0, 5255.0, 5301.0, 5287.0, 5465.0, 5436.0, 5512.0, 5282.0, 5721.0, 5521.0, 5313.0, 5381.0, 5279.0, 5262.0, 5579.0,

						5507.0, 5340.0, 5459.0, 5461.0, 5573.0, 5398.0, 5332.0, 5495.0, 5265.0, 5680.0, 5610.0, 5701.0, 5688.0, 5653.0, 5449.0, 5271.0, 5709.0, 5650.0, 5391.0, 5674.0, 5359.0, 5410.0, 5361.0, 5648.0, 5399.0, 5708.0, 5551.0, 5427.0, 5611.0, 5281.0, 5500.0, 5671.0, 5536.0, 5553.0, 5637.0, 5697.0, 5412.0, 5562.0, 5543.0, 5710.0, 5365.0, 5673.0, 5557.0, 5450.0, 5432.0 (number of hits: 4)
4	5500	9	1	333	1	5608.0, 5717.0, 5280.0, 5301.0, 5653.0, 5256.0, 5484.0, 5379.0, 5523.0, 5435.0, 5628.0, 5303.0, 5663.0, 5396.0, 5570.0, 5711.0, 5307.0, 5373.0, 5680.0, 5370.0, 5492.0, 5527.0, 5546.0, 5270.0, 5683.0, 5391.0, 5386.0, 5572.0, 5423.0, 5500.0, 5519.0, 5554.0, 5557.0, 5358.0, 5700.0, 5321.0, 5356.0, 5395.0, 5705.0, 5388.0, 5578.0, 5362.0, 5704.0, 5385.0, 5631.0, 5482.0, 5515.0, 5468.0, 5458.0, 5522.0, 5536.0, 5525.0, 5649.0, 5469.0, 5319.0, 5596.0, 5540.0, 5524.0, 5481.0, 5451.0, 5460.0, 5604.0, 5436.0, 5293.0, 5374.0, 5697.0, 5359.0, 5549.0, 5528.0, 5300.0, 5332.0, 5461.0, 5418.0, 5420.0, 5311.0, 5259.0, 5477.0, 5296.0, 5380.0, 5606.0, 5494.0, 5702.0, 5520.0, 5410.0, 5376.0, 5255.0, 5323.0, 5269.0, 5530.0, 5665.0, 5602.0, 5252.0, 5551.0, 5382.0, 5354.0, 5262.0, 5623.0, 5254.0, 5575.0, 5497.0 (number of hits: 4)
5	5500	9	1	333	1	5406.0, 5284.0, 5427.0, 5363.0, 5524.0, 5717.0, 5488.0, 5544.0, 5722.0, 5691.0, 5468.0, 5604.0, 5311.0, 5541.0, 5366.0, 5538.0, 5560.0, 5690.0, 5325.0, 5590.0, 5499.0, 5555.0, 5673.0, 5647.0, 5361.0, 5620.0, 5341.0, 5281.0, 5346.0, 5477.0, 5421.0, 5385.0, 5277.0, 5331.0, 5262.0, 5675.0, 5319.0, 5322.0, 5668.0, 5440.0, 5268.0, 5716.0, 5448.0, 5642.0, 5720.0, 5515.0, 5370.0, 5613.0, 5511.0, 5677.0, 5326.0, 5428.0, 5358.0, 5688.0, 5638.0, 5313.0, 5702.0, 5598.0, 5501.0, 5398.0, 5718.0, 5394.0, 5616.0, 5309.0, 5645.0, 5411.0, 5667.0, 5442.0, 5508.0, 5423.0, 5497.0, 5327.0, 5574.0, 5633.0, 5708.0, 5578.0, 5372.0, 5609.0, 5300.0, 5552.0, 5509.0, 5623.0, 5433.0, 5399.0, 5707.0, 5344.0, 5517.0, 5439.0, 5434.0, 5529.0, 5494.0, 5527.0, 5542.0, 5352.0, 5681.0, 5694.0, 5551.0, 5664.0, 5424.0, 5470.0 (number of hits: 6)
6	5500	9	1	333	1	5294.0, 5256.0, 5436.0, 5410.0, 5352.0, 5459.0, 5534.0, 5516.0, 5317.0, 5386.0, 5718.0, 5560.0, 5587.0, 5622.0, 5297.0, 5390.0, 5485.0, 5682.0, 5635.0, 5473.0, 5353.0, 5424.0, 5350.0, 5557.0, 5457.0, 5402.0, 5435.0, 5511.0, 5638.0, 5449.0, 5454.0, 5320.0, 5448.0, 5529.0, 5556.0,

						5336.0, 5465.0, 5367.0, 5483.0, 5440.0, 5464.0, 5406.0, 5604.0, 5677.0, 5684.0, 5363.0, 5474.0, 5480.0, 5439.0, 5452.0, 5355.0, 5304.0, 5649.0, 5377.0, 5262.0, 5252.0, 5700.0, 5550.0, 5509.0, 5333.0, 5470.0, 5335.0, 5384.0, 5701.0, 5417.0, 5593.0, 5719.0, 5479.0, 5460.0, 5616.0, 5291.0, 5408.0, 5705.0, 5685.0, 5338.0, 5568.0, 5546.0, 5496.0, 5348.0, 5641.0, 5423.0, 5405.0, 5301.0, 5523.0, 5475.0, 5288.0, 5381.0, 5548.0, 5351.0, 5422.0, 5688.0, 5715.0, 5442.0, 5380.0, 5578.0, 5365.0, 5630.0, 5277.0, 5328.0, 5431.0 (number of hits: 2)
7	5500	9	1	333	1	5291.0, 5714.0, 5593.0, 5526.0, 5671.0, 5435.0, 5472.0, 5600.0, 5624.0, 5348.0, 5557.0, 5389.0, 5715.0, 5541.0, 5272.0, 5333.0, 5662.0, 5380.0, 5722.0, 5364.0, 5423.0, 5513.0, 5411.0, 5553.0, 5609.0, 5417.0, 5651.0, 5632.0, 5279.0, 5708.0, 5429.0, 5271.0, 5544.0, 5583.0, 5619.0, 5706.0, 5537.0, 5381.0, 5618.0, 5571.0, 5608.0, 5568.0, 5634.0, 5692.0, 5442.0, 5451.0, 5352.0, 5711.0, 5616.0, 5573.0, 5487.0, 5385.0, 5353.0, 5543.0, 5302.0, 5575.0, 5515.0, 5356.0, 5615.0, 5434.0, 5519.0, 5402.0, 5700.0, 5545.0, 5697.0, 5422.0, 5645.0, 5268.0, 5497.0, 5680.0, 5331.0, 5338.0, 5374.0, 5397.0, 5563.0, 5375.0, 5517.0, 5378.0, 5304.0, 5350.0, 5443.0, 5366.0, 5289.0, 5336.0, 5677.0, 5547.0, 5690.0, 5292.0, 5458.0, 5588.0, 5620.0, 5484.0, 5283.0, 5334.0, 5581.0, 5635.0, 5337.0, 5569.0, 5488.0, 5379.0 (number of hits: 1)
8	5500	9	1	333	1	5277.0, 5655.0, 5307.0, 5706.0, 5294.0, 5252.0, 5419.0, 5545.0, 5426.0, 5459.0, 5509.0, 5280.0, 5504.0, 5314.0, 5416.0, 5351.0, 5344.0, 5620.0, 5610.0, 5665.0, 5415.0, 5368.0, 5483.0, 5313.0, 5622.0, 5659.0, 5705.0, 5541.0, 5572.0, 5607.0, 5645.0, 5603.0, 5380.0, 5400.0, 5580.0, 5597.0, 5265.0, 5641.0, 5535.0, 5407.0, 5306.0, 5588.0, 5543.0, 5362.0, 5529.0, 5377.0, 5435.0, 5552.0, 5432.0, 5284.0, 5583.0, 5662.0, 5503.0, 5534.0, 5720.0, 5492.0, 5710.0, 5612.0, 5717.0, 5692.0, 5625.0, 5577.0, 5468.0, 5590.0, 5556.0, 5285.0, 5474.0, 5497.0, 5402.0, 5540.0, 5462.0, 5318.0, 5550.0, 5317.0, 5275.0, 5305.0, 5609.0, 5530.0, 5525.0, 5417.0, 5611.0, 5595.0, 5303.0, 5413.0, 5591.0, 5512.0, 5558.0, 5379.0, 5523.0, 5404.0, 5473.0, 5689.0, 5271.0, 5696.0, 5250.0, 5549.0, 5539.0, 5537.0, 5602.0, 5646.0 (number of hits: 5)
9	5500	9	1	333	1	5542.0, 5703.0, 5485.0, 5265.0, 5648.0, 5348.0, 5553.0, 5460.0, 5588.0, 5629.0, 5410.0, 5260.0, 5323.0, 5436.0, 5262.0,

						5679.0, 5418.0, 5283.0, 5719.0, 5488.0, 5637.0, 5495.0, 5351.0, 5306.0, 5555.0, 5582.0, 5632.0, 5595.0, 5293.0, 5450.0, 5493.0, 5251.0, 5419.0, 5708.0, 5496.0, 5405.0, 5715.0, 5382.0, 5361.0, 5486.0, 5604.0, 5497.0, 5439.0, 5503.0, 5538.0, 5638.0, 5358.0, 5710.0, 5278.0, 5385.0, 5674.0, 5443.0, 5602.0, 5645.0, 5599.0, 5330.0, 5438.0, 5547.0, 5522.0, 5545.0, 5654.0, 5607.0, 5500.0, 5698.0, 5511.0, 5423.0, 5337.0, 5579.0, 5646.0, 5408.0, 5518.0, 5520.0, 5349.0, 5705.0, 5432.0, 5317.0, 5652.0, 5292.0, 5541.0, 5440.0, 5344.0, 5611.0, 5535.0, 5389.0, 5314.0, 5326.0, 5566.0, 5575.0, 5476.0, 5509.0, 5456.0, 5318.0, 5411.0, 5702.0, 5415.0, 5573.0, 5357.0, 5332.0, 5537.0, 5529.0 (number of hits: 7)
10	5500	9	1	333	1	5544.0, 5721.0, 5401.0, 5404.0, 5449.0, 5457.0, 5416.0, 5686.0, 5415.0, 5541.0, 5583.0, 5554.0, 5613.0, 5549.0, 5409.0, 5693.0, 5450.0, 5691.0, 5508.0, 5594.0, 5597.0, 5430.0, 5335.0, 5448.0, 5627.0, 5350.0, 5306.0, 5480.0, 5412.0, 5264.0, 5286.0, 5296.0, 5623.0, 5380.0, 5493.0, 5461.0, 5427.0, 5393.0, 5486.0, 5672.0, 5621.0, 5609.0, 5276.0, 5443.0, 5595.0, 5722.0, 5714.0, 5578.0, 5484.0, 5399.0, 5309.0, 5290.0, 5588.0, 5351.0, 5299.0, 5647.0, 5522.0, 5657.0, 5634.0, 5705.0, 5328.0, 5708.0, 5452.0, 5469.0, 5717.0, 5471.0, 5543.0, 5385.0, 5293.0, 5573.0, 5579.0, 5437.0, 5524.0, 5417.0, 5436.0, 5528.0, 5707.0, 5273.0, 5447.0, 5559.0, 5310.0, 5669.0, 5720.0, 5265.0, 5366.0, 5414.0, 5606.0, 5589.0, 5593.0, 5312.0, 5338.0, 5463.0, 5432.0, 5711.0, 5696.0, 5323.0, 5308.0, 5525.0, 5556.0, 5435.0 (number of hits: 2)
11	5500	9	1	333	1	5359.0, 5459.0, 5369.0, 5721.0, 5595.0, 5551.0, 5284.0, 5371.0, 5717.0, 5526.0, 5564.0, 5521.0, 5367.0, 5431.0, 5256.0, 5700.0, 5647.0, 5307.0, 5711.0, 5470.0, 5713.0, 5708.0, 5294.0, 5479.0, 5675.0, 5606.0, 5495.0, 5605.0, 5561.0, 5372.0, 5293.0, 5365.0, 5607.0, 5666.0, 5544.0, 5357.0, 5599.0, 5388.0, 5522.0, 5679.0, 5660.0, 5694.0, 5314.0, 5297.0, 5583.0, 5349.0, 5507.0, 5591.0, 5289.0, 5506.0, 5414.0, 5424.0, 5376.0, 5263.0, 5652.0, 5567.0, 5492.0, 5358.0, 5631.0, 5452.0, 5649.0, 5301.0, 5254.0, 5707.0, 5562.0, 5375.0, 5537.0, 5715.0, 5566.0, 5338.0, 5539.0, 5411.0, 5364.0, 5623.0, 5545.0, 5286.0, 5575.0, 5497.0, 5259.0, 5333.0, 5318.0, 5706.0, 5296.0, 5693.0, 5587.0, 5489.0, 5554.0, 5317.0, 5635.0, 5362.0, 5309.0, 5634.0, 5276.0, 5663.0, 5331.0, 5651.0, 5543.0, 5629.0, 5553.0, 5615.0

						(number of hits: 5)
12	5500	9	1	333	1	5659.0, 5280.0, 5576.0, 5281.0, 5640.0, 5299.0, 5689.0, 5274.0, 5647.0, 5311.0, 5339.0, 5698.0, 5700.0, 5302.0, 5652.0, 5293.0, 5334.0, 5301.0, 5304.0, 5519.0, 5275.0, 5569.0, 5382.0, 5633.0, 5405.0, 5527.0, 5661.0, 5541.0, 5662.0, 5399.0, 5537.0, 5326.0, 5251.0, 5259.0, 5566.0, 5632.0, 5375.0, 5276.0, 5407.0, 5402.0, 5362.0, 5327.0, 5613.0, 5509.0, 5347.0, 5496.0, 5570.0, 5562.0, 5279.0, 5636.0, 5403.0, 5724.0, 5441.0, 5585.0, 5312.0, 5624.0, 5523.0, 5711.0, 5512.0, 5487.0, 5599.0, 5431.0, 5671.0, 5546.0, 5316.0, 5515.0, 5314.0, 5565.0, 5703.0, 5435.0, 5542.0, 5392.0, 5508.0, 5413.0, 5681.0, 5588.0, 5346.0, 5538.0, 5265.0, 5261.0, 5587.0, 5584.0, 5528.0, 5406.0, 5342.0, 5466.0, 5391.0, 5464.0, 5621.0, 5521.0, 5577.0, 5628.0, 5551.0, 5619.0, 5449.0, 5676.0, 5295.0, 5708.0, 5300.0, 5591.0
						(number of hits: 3)
13	5500	9	1	333	1	5646.0, 5288.0, 5507.0, 5364.0, 5710.0, 5581.0, 5580.0, 5387.0, 5674.0, 5356.0, 5565.0, 5659.0, 5289.0, 5537.0, 5354.0, 5439.0, 5267.0, 5446.0, 5632.0, 5447.0, 5508.0, 5412.0, 5498.0, 5695.0, 5721.0, 5377.0, 5252.0, 5550.0, 5583.0, 5504.0, 5702.0, 5704.0, 5284.0, 5649.0, 5534.0, 5536.0, 5517.0, 5672.0, 5275.0, 5420.0, 5290.0, 5409.0, 5424.0, 5526.0, 5375.0, 5463.0, 5474.0, 5652.0, 5590.0, 5283.0, 5671.0, 5287.0, 5432.0, 5428.0, 5599.0, 5642.0, 5437.0, 5577.0, 5266.0, 5308.0, 5449.0, 5634.0, 5627.0, 5402.0, 5556.0, 5327.0, 5459.0, 5558.0, 5346.0, 5407.0, 5278.0, 5554.0, 5533.0, 5560.0, 5349.0, 5480.0, 5306.0, 5265.0, 5448.0, 5471.0, 5511.0, 5469.0, 5405.0, 5586.0, 5502.0, 5602.0, 5494.0, 5401.0, 5454.0, 5483.0, 5311.0, 5497.0, 5496.0, 5713.0, 5647.0, 5392.0, 5435.0, 5638.0, 5472.0, 5351.0
						(number of hits: 8)
14	5500	9	1	333	1	5353.0, 5712.0, 5280.0, 5696.0, 5333.0, 5255.0, 5675.0, 5632.0, 5406.0, 5592.0, 5660.0, 5536.0, 5581.0, 5426.0, 5389.0, 5440.0, 5318.0, 5471.0, 5360.0, 5549.0, 5452.0, 5289.0, 5574.0, 5708.0, 5552.0, 5349.0, 5518.0, 5294.0, 5418.0, 5428.0, 5251.0, 5443.0, 5304.0, 5567.0, 5275.0, 5699.0, 5279.0, 5262.0, 5533.0, 5383.0, 5361.0, 5474.0, 5438.0, 5598.0, 5532.0, 5273.0, 5367.0, 5299.0, 5652.0, 5595.0, 5486.0, 5542.0, 5681.0, 5572.0, 5674.0, 5509.0, 5716.0, 5678.0, 5513.0, 5419.0, 5531.0, 5557.0, 5482.0, 5564.0, 5370.0, 5376.0, 5374.0, 5296.0, 5500.0, 5703.0, 5575.0, 5568.0, 5497.0, 5692.0, 5682.0, 5410.0, 5288.0, 5254.0, 5338.0, 5591.0,

						5283.0, 5449.0, 5259.0, 5687.0, 5421.0, 5558.0, 5594.0, 5661.0, 5456.0, 5604.0, 5538.0, 5388.0, 5285.0, 5600.0, 5683.0, 5284.0, 5380.0, 5633.0, 5334.0, 5614.0 (number of hits: 3)
15	5500	9	1	333	1	5460.0, 5257.0, 5516.0, 5289.0, 5551.0, 5470.0, 5311.0, 5284.0, 5434.0, 5579.0, 5252.0, 5436.0, 5704.0, 5515.0, 5415.0, 5589.0, 5416.0, 5492.0, 5260.0, 5493.0, 5612.0, 5339.0, 5628.0, 5600.0, 5610.0, 5272.0, 5465.0, 5531.0, 5644.0, 5567.0, 5717.0, 5340.0, 5298.0, 5626.0, 5553.0, 5287.0, 5656.0, 5706.0, 5381.0, 5504.0, 5722.0, 5546.0, 5285.0, 5693.0, 5501.0, 5580.0, 5357.0, 5314.0, 5506.0, 5723.0, 5341.0, 5475.0, 5584.0, 5466.0, 5647.0, 5469.0, 5670.0, 5510.0, 5603.0, 5491.0, 5538.0, 5401.0, 5405.0, 5323.0, 5399.0, 5400.0, 5321.0, 5604.0, 5509.0, 5699.0, 5279.0, 5413.0, 5406.0, 5619.0, 5479.0, 5675.0, 5640.0, 5448.0, 5614.0, 5622.0, 5447.0, 5668.0, 5350.0, 5326.0, 5692.0, 5568.0, 5417.0, 5637.0, 5605.0, 5337.0, 5519.0, 5620.0, 5410.0, 5262.0, 5524.0, 5356.0, 5288.0, 5631.0, 5419.0, 5282.0 (number of hits: 7)
16	5500	9	1	333	1	5607.0, 5565.0, 5619.0, 5429.0, 5372.0, 5639.0, 5260.0, 5334.0, 5651.0, 5401.0, 5410.0, 5564.0, 5511.0, 5543.0, 5466.0, 5694.0, 5527.0, 5583.0, 5673.0, 5320.0, 5392.0, 5589.0, 5450.0, 5720.0, 5568.0, 5489.0, 5676.0, 5627.0, 5384.0, 5496.0, 5613.0, 5371.0, 5635.0, 5367.0, 5432.0, 5487.0, 5662.0, 5713.0, 5599.0, 5514.0, 5296.0, 5670.0, 5700.0, 5553.0, 5419.0, 5556.0, 5475.0, 5291.0, 5321.0, 5416.0, 5593.0, 5572.0, 5412.0, 5396.0, 5353.0, 5605.0, 5462.0, 5439.0, 5421.0, 5390.0, 5365.0, 5474.0, 5258.0, 5312.0, 5594.0, 5549.0, 5279.0, 5423.0, 5366.0, 5370.0, 5505.0, 5458.0, 5293.0, 5463.0, 5280.0, 5708.0, 5566.0, 5297.0, 5335.0, 5573.0, 5461.0, 5304.0, 5311.0, 5449.0, 5407.0, 5555.0, 5354.0, 5657.0, 5398.0, 5301.0, 5435.0, 5587.0, 5628.0, 5380.0, 5318.0, 5661.0, 5582.0, 5544.0, 5377.0, 5403.0 (number of hits: 2)
17	5500	9	1	333	1	5253.0, 5268.0, 5419.0, 5640.0, 5595.0, 5398.0, 5513.0, 5717.0, 5569.0, 5545.0, 5551.0, 5476.0, 5626.0, 5596.0, 5385.0, 5556.0, 5636.0, 5442.0, 5318.0, 5554.0, 5590.0, 5451.0, 5484.0, 5632.0, 5251.0, 5657.0, 5655.0, 5538.0, 5563.0, 5665.0, 5609.0, 5361.0, 5448.0, 5699.0, 5565.0, 5560.0, 5405.0, 5359.0, 5392.0, 5292.0, 5281.0, 5537.0, 5267.0, 5662.0, 5507.0, 5588.0, 5599.0, 5393.0, 5454.0, 5462.0, 5688.0, 5642.0, 5423.0, 5252.0, 5415.0, 5529.0, 5260.0, 5669.0, 5477.0, 5430.0,

						5499.0, 5432.0, 5433.0, 5557.0, 5353.0, 5572.0, 5625.0, 5293.0, 5582.0, 5708.0, 5346.0, 5391.0, 5364.0, 5409.0, 5429.0, 5649.0, 5562.0, 5622.0, 5638.0, 5505.0, 5375.0, 5670.0, 5703.0, 5310.0, 5290.0, 5587.0, 5444.0, 5295.0, 5683.0, 5694.0, 5512.0, 5402.0, 5498.0, 5616.0, 5373.0, 5449.0, 5702.0, 5658.0, 5667.0, 5568.0 (number of hits: 4)
18	5500	9	1	333	1	5285.0, 5607.0, 5325.0, 5355.0, 5357.0, 5600.0, 5628.0, 5494.0, 5385.0, 5405.0, 5672.0, 5271.0, 5568.0, 5675.0, 5375.0, 5723.0, 5714.0, 5437.0, 5350.0, 5396.0, 5573.0, 5695.0, 5588.0, 5619.0, 5263.0, 5281.0, 5519.0, 5545.0, 5518.0, 5292.0, 5636.0, 5614.0, 5312.0, 5442.0, 5647.0, 5374.0, 5343.0, 5527.0, 5468.0, 5429.0, 5620.0, 5469.0, 5426.0, 5412.0, 5653.0, 5599.0, 5523.0, 5296.0, 5333.0, 5655.0, 5682.0, 5445.0, 5569.0, 5721.0, 5418.0, 5577.0, 5508.0, 5645.0, 5356.0, 5344.0, 5447.0, 5332.0, 5415.0, 5409.0, 5638.0, 5326.0, 5581.0, 5534.0, 5584.0, 5301.0, 5613.0, 5259.0, 5549.0, 5299.0, 5707.0, 5425.0, 5688.0, 5261.0, 5427.0, 5691.0, 5491.0, 5410.0, 5654.0, 5431.0, 5450.0, 5335.0, 5462.0, 5648.0, 5314.0, 5414.0, 5521.0, 5461.0, 5606.0, 5358.0, 5455.0, 5703.0, 5548.0, 5307.0, 5488.0, 5376.0 (number of hits: 3)
19	5500	9	1	333	1	5599.0, 5494.0, 5721.0, 5468.0, 5407.0, 5567.0, 5532.0, 5258.0, 5291.0, 5436.0, 5452.0, 5609.0, 5339.0, 5628.0, 5421.0, 5437.0, 5372.0, 5273.0, 5648.0, 5534.0, 5520.0, 5269.0, 5540.0, 5271.0, 5598.0, 5478.0, 5374.0, 5265.0, 5324.0, 5370.0, 5403.0, 5586.0, 5551.0, 5466.0, 5332.0, 5571.0, 5587.0, 5343.0, 5697.0, 5463.0, 5611.0, 5549.0, 5254.0, 5398.0, 5358.0, 5527.0, 5310.0, 5276.0, 5714.0, 5660.0, 5279.0, 5582.0, 5306.0, 5361.0, 5345.0, 5409.0, 5346.0, 5590.0, 5517.0, 5457.0, 5308.0, 5536.0, 5317.0, 5352.0, 5401.0, 5453.0, 5497.0, 5716.0, 5382.0, 5462.0, 5369.0, 5404.0, 5490.0, 5670.0, 5547.0, 5545.0, 5274.0, 5693.0, 5470.0, 5682.0, 5286.0, 5635.0, 5476.0, 5556.0, 5428.0, 5347.0, 5512.0, 5560.0, 5455.0, 5570.0, 5674.0, 5690.0, 5657.0, 5313.0, 5685.0, 5484.0, 5387.0, 5618.0, 5584.0, 5576.0 (number of hits: 3)
20	5500	9	1	333	1	5549.0, 5315.0, 5445.0, 5275.0, 5471.0, 5499.0, 5270.0, 5600.0, 5298.0, 5264.0, 5559.0, 5639.0, 5537.0, 5327.0, 5409.0, 5517.0, 5297.0, 5692.0, 5467.0, 5448.0, 5281.0, 5540.0, 5291.0, 5530.0, 5454.0, 5534.0, 5631.0, 5602.0, 5609.0, 5257.0, 5585.0, 5449.0, 5522.0, 5681.0, 5672.0, 5512.0, 5328.0, 5527.0, 5274.0, 5398.0,

						5321.0, 5487.0, 5258.0, 5465.0, 5295.0, 5419.0, 5371.0, 5712.0, 5655.0, 5636.0, 5526.0, 5610.0, 5431.0, 5599.0, 5587.0, 5412.0, 5644.0, 5546.0, 5251.0, 5695.0, 5669.0, 5368.0, 5531.0, 5451.0, 5310.0, 5329.0, 5407.0, 5447.0, 5422.0, 5303.0, 5709.0, 5663.0, 5440.0, 5667.0, 5568.0, 5263.0, 5475.0, 5302.0, 5612.0, 5581.0, 5262.0, 5341.0, 5325.0, 5596.0, 5519.0, 5462.0, 5635.0, 5300.0, 5357.0, 5698.0, 5377.0, 5387.0, 5634.0, 5700.0, 5277.0, 5350.0, 5435.0, 5479.0, 5288.0, 5342.0 (number of hits: 1)
21	5500	9	1	333	1	5288.0, 5594.0, 5272.0, 5360.0, 5268.0, 5344.0, 5341.0, 5505.0, 5523.0, 5458.0, 5265.0, 5354.0, 5258.0, 5624.0, 5657.0, 5370.0, 5678.0, 5271.0, 5569.0, 5299.0, 5432.0, 5340.0, 5568.0, 5266.0, 5561.0, 5596.0, 5701.0, 5347.0, 5526.0, 5519.0, 5356.0, 5355.0, 5573.0, 5306.0, 5504.0, 5477.0, 5591.0, 5262.0, 5472.0, 5303.0, 5431.0, 5578.0, 5525.0, 5434.0, 5283.0, 5336.0, 5368.0, 5260.0, 5470.0, 5478.0, 5300.0, 5627.0, 5333.0, 5514.0, 5417.0, 5511.0, 5507.0, 5443.0, 5687.0, 5318.0, 5680.0, 5545.0, 5617.0, 5278.0, 5706.0, 5694.0, 5619.0, 5622.0, 5382.0, 5351.0, 5579.0, 5558.0, 5539.0, 5374.0, 5381.0, 5317.0, 5305.0, 5365.0, 5319.0, 5671.0, 5395.0, 5705.0, 5528.0, 5277.0, 5375.0, 5328.0, 5326.0, 5259.0, 5483.0, 5480.0, 5510.0, 5564.0, 5616.0, 5574.0, 5400.0, 5491.0, 5719.0, 5721.0, 5537.0, 5559.0 (number of hits: 4)
22	5500	9	1	333	1	5556.0, 5290.0, 5620.0, 5720.0, 5519.0, 5716.0, 5695.0, 5346.0, 5272.0, 5455.0, 5582.0, 5451.0, 5387.0, 5560.0, 5265.0, 5454.0, 5641.0, 5349.0, 5354.0, 5297.0, 5680.0, 5617.0, 5366.0, 5335.0, 5498.0, 5526.0, 5503.0, 5474.0, 5601.0, 5705.0, 5643.0, 5578.0, 5588.0, 5554.0, 5497.0, 5302.0, 5467.0, 5714.0, 5396.0, 5708.0, 5599.0, 5510.0, 5257.0, 5491.0, 5363.0, 5478.0, 5343.0, 5279.0, 5580.0, 5688.0, 5321.0, 5417.0, 5484.0, 5414.0, 5590.0, 5703.0, 5412.0, 5374.0, 5486.0, 5521.0, 5546.0, 5413.0, 5615.0, 5702.0, 5669.0, 5710.0, 5324.0, 5659.0, 5371.0, 5684.0, 5524.0, 5685.0, 5701.0, 5319.0, 5632.0, 5476.0, 5428.0, 5646.0, 5499.0, 5347.0, 5255.0, 5425.0, 5676.0, 5420.0, 5691.0, 5634.0, 5538.0, 5411.0, 5435.0, 5383.0, 5388.0, 5406.0, 5709.0, 5436.0, 5304.0, 5280.0, 5614.0, 5344.0, 5493.0, 5357.0 (number of hits: 6)
23	5500	9	1	333	1	5436.0, 5689.0, 5349.0, 5535.0, 5373.0, 5290.0, 5407.0, 5320.0, 5566.0, 5367.0, 5429.0, 5493.0, 5582.0, 5518.0, 5459.0, 5588.0, 5400.0, 5611.0, 5482.0, 5643.0,

						5696.0, 5585.0, 5712.0, 5547.0, 5662.0, 5524.0, 5605.0, 5513.0, 5405.0, 5641.0, 5673.0, 5502.0, 5401.0, 5619.0, 5665.0, 5659.0, 5465.0, 5274.0, 5369.0, 5304.0, 5616.0, 5631.0, 5658.0, 5264.0, 5331.0, 5441.0, 5262.0, 5537.0, 5430.0, 5693.0, 5682.0, 5711.0, 5322.0, 5391.0, 5603.0, 5718.0, 5688.0, 5446.0, 5569.0, 5251.0, 5627.0, 5260.0, 5255.0, 5454.0, 5351.0, 5415.0, 5291.0, 5398.0, 5521.0, 5366.0, 5265.0, 5428.0, 5558.0, 5460.0, 5435.0, 5402.0, 5545.0, 5326.0, 5466.0, 5295.0, 5538.0, 5667.0, 5587.0, 5300.0, 5278.0, 5431.0, 5360.0, 5285.0, 5328.0, 5528.0, 5473.0, 5286.0, 5554.0, 5604.0, 5484.0, 5283.0, 5299.0, 5394.0, 5305.0, 5480.0 (number of hits: 2)
24	5500	9	1	333	1	5525.0, 5350.0, 5702.0, 5528.0, 5304.0, 5626.0, 5428.0, 5488.0, 5562.0, 5559.0, 5430.0, 5614.0, 5544.0, 5255.0, 5484.0, 5378.0, 5404.0, 5629.0, 5628.0, 5540.0, 5316.0, 5275.0, 5423.0, 5639.0, 5292.0, 5521.0, 5366.0, 5446.0, 5589.0, 5616.0, 5515.0, 5502.0, 5686.0, 5676.0, 5691.0, 5387.0, 5272.0, 5590.0, 5593.0, 5678.0, 5642.0, 5302.0, 5684.0, 5465.0, 5568.0, 5718.0, 5665.0, 5646.0, 5513.0, 5257.0, 5571.0, 5296.0, 5365.0, 5669.0, 5511.0, 5467.0, 5376.0, 5689.0, 5420.0, 5435.0, 5603.0, 5414.0, 5421.0, 5254.0, 5281.0, 5487.0, 5606.0, 5395.0, 5408.0, 5600.0, 5373.0, 5472.0, 5516.0, 5566.0, 5630.0, 5311.0, 5554.0, 5284.0, 5441.0, 5666.0, 5352.0, 5648.0, 5349.0, 5531.0, 5577.0, 5468.0, 5340.0, 5455.0, 5657.0, 5674.0, 5655.0, 5576.0, 5261.0, 5286.0, 5580.0, 5354.0, 5717.0, 5282.0, 5640.0, 5503.0 (number of hits: 2)
25	5500	9	1	333	1	5430.0, 5513.0, 5712.0, 5702.0, 5302.0, 5269.0, 5704.0, 5722.0, 5601.0, 5469.0, 5685.0, 5587.0, 5449.0, 5682.0, 5675.0, 5528.0, 5368.0, 5488.0, 5690.0, 5334.0, 5505.0, 5563.0, 5425.0, 5545.0, 5278.0, 5327.0, 5325.0, 5689.0, 5610.0, 5586.0, 5271.0, 5569.0, 5356.0, 5663.0, 5483.0, 5581.0, 5620.0, 5313.0, 5652.0, 5548.0, 5647.0, 5509.0, 5337.0, 5708.0, 5632.0, 5541.0, 5524.0, 5565.0, 5388.0, 5496.0, 5383.0, 5585.0, 5408.0, 5350.0, 5661.0, 5457.0, 5448.0, 5572.0, 5681.0, 5331.0, 5547.0, 5518.0, 5416.0, 5381.0, 5319.0, 5407.0, 5265.0, 5671.0, 5257.0, 5487.0, 5567.0, 5444.0, 5551.0, 5289.0, 5710.0, 5458.0, 5441.0, 5299.0, 5386.0, 5711.0, 5714.0, 5364.0, 5639.0, 5310.0, 5603.0, 5335.0, 5514.0, 5315.0, 5259.0, 5676.0, 5576.0, 5694.0, 5705.0, 5699.0, 5349.0, 5474.0, 5354.0, 5316.0, 5360.0, 5501.0 (number of hits: 4)

26	5500	9	1	333	1	5548.0, 5366.0, 5637.0, 5696.0, 5496.0, 5303.0, 5692.0, 5581.0, 5704.0, 5362.0, 5593.0, 5562.0, 5415.0, 5497.0, 5277.0, 5719.0, 5509.0, 5606.0, 5468.0, 5623.0, 5470.0, 5482.0, 5321.0, 5335.0, 5340.0, 5563.0, 5678.0, 5426.0, 5613.0, 5444.0, 5476.0, 5544.0, 5644.0, 5569.0, 5337.0, 5622.0, 5654.0, 5697.0, 5459.0, 5499.0, 5620.0, 5424.0, 5317.0, 5677.0, 5473.0, 5549.0, 5518.0, 5633.0, 5658.0, 5573.0, 5584.0, 5400.0, 5286.0, 5515.0, 5269.0, 5514.0, 5253.0, 5441.0, 5397.0, 5567.0, 5383.0, 5466.0, 5311.0, 5291.0, 5433.0, 5485.0, 5686.0, 5670.0, 5427.0, 5418.0, 5651.0, 5674.0, 5691.0, 5698.0, 5469.0, 5389.0, 5701.0, 5657.0, 5539.0, 5525.0, 5517.0, 5355.0, 5617.0, 5579.0, 5679.0, 5349.0, 5612.0, 5694.0, 5261.0, 5607.0, 5668.0, 5626.0, 5481.0, 5636.0, 5403.0, 5365.0, 5598.0, 5430.0, 5256.0, 5688.0 (number of hits: 4)
27	5500	9	1	333	1	5373.0, 5555.0, 5364.0, 5667.0, 5393.0, 5659.0, 5482.0, 5382.0, 5671.0, 5721.0, 5519.0, 5546.0, 5571.0, 5401.0, 5298.0, 5699.0, 5362.0, 5318.0, 5676.0, 5408.0, 5647.0, 5308.0, 5358.0, 5596.0, 5422.0, 5444.0, 5419.0, 5252.0, 5679.0, 5545.0, 5479.0, 5477.0, 5614.0, 5548.0, 5640.0, 5673.0, 5578.0, 5327.0, 5258.0, 5271.0, 5662.0, 5593.0, 5567.0, 5478.0, 5580.0, 5550.0, 5355.0, 5530.0, 5722.0, 5520.0, 5601.0, 5410.0, 5595.0, 5497.0, 5616.0, 5375.0, 5448.0, 5314.0, 5716.0, 5407.0, 5349.0, 5528.0, 5433.0, 5510.0, 5585.0, 5718.0, 5538.0, 5710.0, 5549.0, 5649.0, 5464.0, 5449.0, 5626.0, 5339.0, 5493.0, 5257.0, 5396.0, 5539.0, 5413.0, 5648.0, 5279.0, 5399.0, 5347.0, 5663.0, 5436.0, 5278.0, 5655.0, 5604.0, 5336.0, 5505.0, 5605.0, 5405.0, 5633.0, 5474.0, 5357.0, 5635.0, 5306.0, 5609.0, 5678.0, 5293.0 (number of hits: 3)
28	5500	9	1	333	1	5722.0, 5642.0, 5688.0, 5697.0, 5461.0, 5271.0, 5558.0, 5455.0, 5279.0, 5290.0, 5504.0, 5522.0, 5669.0, 5398.0, 5665.0, 5690.0, 5440.0, 5517.0, 5355.0, 5475.0, 5257.0, 5389.0, 5583.0, 5580.0, 5516.0, 5634.0, 5671.0, 5420.0, 5396.0, 5378.0, 5308.0, 5672.0, 5496.0, 5307.0, 5655.0, 5542.0, 5337.0, 5312.0, 5682.0, 5357.0, 5648.0, 5468.0, 5609.0, 5289.0, 5497.0, 5694.0, 5465.0, 5524.0, 5530.0, 5482.0, 5651.0, 5627.0, 5557.0, 5559.0, 5707.0, 5650.0, 5322.0, 5300.0, 5258.0, 5553.0, 5667.0, 5587.0, 5282.0, 5511.0, 5321.0, 5447.0, 5632.0, 5712.0, 5273.0, 5573.0, 5316.0, 5683.0, 5302.0, 5525.0, 5388.0, 5612.0, 5572.0, 5611.0, 5270.0, 5467.0, 5479.0, 5710.0, 5666.0, 5471.0, 5328.0,

						5540.0, 5529.0, 5539.0, 5488.0, 5456.0, 5570.0, 5618.0, 5718.0, 5647.0, 5336.0, 5460.0, 5261.0, 5502.0, 5437.0, 5486.0 (number of hits: 4)
29	5500	9	1	333	1	5474.0, 5678.0, 5349.0, 5393.0, 5277.0, 5721.0, 5444.0, 5492.0, 5672.0, 5663.0, 5473.0, 5380.0, 5533.0, 5536.0, 5598.0, 5649.0, 5350.0, 5317.0, 5262.0, 5667.0, 5479.0, 5275.0, 5644.0, 5294.0, 5397.0, 5716.0, 5683.0, 5404.0, 5666.0, 5311.0, 5281.0, 5645.0, 5419.0, 5441.0, 5676.0, 5516.0, 5316.0, 5432.0, 5472.0, 5543.0, 5616.0, 5354.0, 5475.0, 5621.0, 5601.0, 5253.0, 5618.0, 5454.0, 5422.0, 5457.0, 5673.0, 5490.0, 5585.0, 5395.0, 5451.0, 5622.0, 5687.0, 5553.0, 5400.0, 5707.0, 5652.0, 5668.0, 5705.0, 5351.0, 5278.0, 5568.0, 5662.0, 5352.0, 5552.0, 5305.0, 5256.0, 5525.0, 5312.0, 5608.0, 5361.0, 5437.0, 5330.0, 5272.0, 5655.0, 5586.0, 5476.0, 5450.0, 5513.0, 5700.0, 5565.0, 5342.0, 5567.0, 5466.0, 5500.0, 5345.0, 5591.0, 5574.0, 5510.0, 5463.0, 5634.0, 5514.0, 5599.0, 5255.0, 5519.0, 5453.0 (number of hits: 3)
30	5500	9	1	333	1	5595.0, 5467.0, 5360.0, 5589.0, 5305.0, 5700.0, 5352.0, 5548.0, 5715.0, 5353.0, 5390.0, 5464.0, 5521.0, 5603.0, 5583.0, 5303.0, 5708.0, 5487.0, 5665.0, 5406.0, 5346.0, 5699.0, 5544.0, 5349.0, 5690.0, 5564.0, 5342.0, 5493.0, 5597.0, 5370.0, 5423.0, 5647.0, 5327.0, 5293.0, 5285.0, 5605.0, 5637.0, 5356.0, 5693.0, 5475.0, 5262.0, 5457.0, 5488.0, 5620.0, 5268.0, 5333.0, 5643.0, 5607.0, 5720.0, 5478.0, 5545.0, 5541.0, 5667.0, 5626.0, 5306.0, 5606.0, 5392.0, 5663.0, 5455.0, 5591.0, 5714.0, 5450.0, 5649.0, 5686.0, 5334.0, 5528.0, 5513.0, 5514.0, 5549.0, 5504.0, 5292.0, 5458.0, 5446.0, 5398.0, 5449.0, 5276.0, 5511.0, 5674.0, 5512.0, 5547.0, 5570.0, 5633.0, 5582.0, 5433.0, 5336.0, 5631.0, 5389.0, 5419.0, 5391.0, 5651.0, 5266.0, 5278.0, 5524.0, 5596.0, 5337.0, 5722.0, 5537.0, 5301.0, 5314.0, 5711.0 (number of hits: 2)

5510 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	70 %	60%	Pass
Type 4	30	96.7 %	60%	Pass
Aggregate (Type1 to 4)	120	91.7 %	80%	Pass
Type 5	30	93.3 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5510 MHz, 40 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5510	102	1	518	1
2	5510	76	1	698	1
3	5510	58	1	918	1
4	5510	86	1	618	1
5	5510	57	1	938	1
6	5510	61	1	878	1
7	5510	81	1	658	1
8	5510	78	1	678	1
9	5510	59	1	898	1
10	5510	89	1	598	1
11	5510	68	1	778	1
12	5510	62	1	858	1
13	5510	70	1	758	1
14	5510	67	1	798	1
15	5510	83	1	638	1
16	5510	28	1	1938	1
17	5510	62	1	854	1
18	5510	49	1	1089	1
19	5510	39	1	1380	1
20	5510	28	1	1905	1
21	5510	72	1	739	1
22	5510	20	1	2721	1
23	5510	30	1	1770	1
24	5510	54	1	980	1
25	5510	23	1	2372	1
26	5510	18	1	2945	1
27	5510	39	1	1385	1
28	5510	20	1	2758	1
29	5510	35	1	1527	1
30	5510	23	1	2330	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	28	4.6	212	1
2	5510	23	2.7	226	1
3	5510	24	3.3	183	1
4	5510	24	3.4	181	1
5	5510	25	3.8	173	1
6	5510	23	4.9	176	1
7	5510	24	2	200	1
8	5510	29	5	194	1
9	5510	28	3.8	220	1
10	5510	24	1.5	212	1
11	5510	27	1.8	213	1
12	5510	28	2.6	180	1
13	5510	23	3.3	192	1
14	5510	29	4.2	180	1
15	5510	25	1.3	216	1
16	5510	24	1.1	200	1
17	5510	27	1.4	153	1
18	5510	28	1.7	155	1
19	5510	27	1.3	177	1
20	5510	24	4.9	203	1
21	5510	26	3.8	187	1
22	5510	24	3.9	203	1
23	5510	26	4	167	1
24	5510	26	3.1	181	1
25	5510	28	1.3	163	1
26	5510	25	1.1	170	1
27	5510	27	2.4	220	1
28	5510	26	3.6	196	1
29	5510	28	3.9	156	1
30	5510	25	4.8	186	1

Detection Percentage: 100 % (>60%)

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5510	17	9.8	341	1
2	5510	17	9.1	366	1
3	5510	17	7	398	1
4	5510	18	8.4	410	0
5	5510	17	6.3	462	1
6	5510	16	6.9	388	1
7	5510	16	9.5	314	1
8	5510	17	8.4	406	1
9	5510	16	8.8	313	1
10	5510	17	9.9	347	0
11	5510	16	6.6	479	1
12	5510	17	7.4	244	1
13	5510	17	8.3	448	1
14	5510	17	6	367	1
15	5510	16	7.9	297	0
16	5510	17	8.3	394	0
17	5510	16	8	201	1
18	5510	16	7.8	430	1
19	5510	16	8.9	366	1
20	5510	16	6.5	413	0
21	5510	17	8.3	435	0
22	5510	16	9.3	396	1
23	5510	16	6.2	210	1
24	5510	17	6.3	315	0
25	5510	16	8.9	464	1
26	5510	16	6.5	281	0
27	5510	17	6.6	350	1
28	5510	18	6.5	453	0
29	5510	17	6	434	1
30	5510	17	6.9	340	1
Detection Percentage: 70 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	12	14.9	247	0
2	5510	14	11.8	486	1
3	5510	13	12.3	284	1
4	5510	15	17	491	1
5	5510	15	14.6	368	1
6	5510	13	19.7	354	1
7	5510	14	15.1	341	1
8	5510	13	11.6	444	1
9	5510	15	18.4	226	1
10	5510	15	16.7	320	1
11	5510	12	17	344	1
12	5510	15	14.3	393	1
13	5510	16	17.2	268	1
14	5510	15	13.9	423	1
15	5510	13	13.4	269	1
16	5510	14	19.4	476	1
17	5510	15	13.2	226	1
18	5510	16	15.2	377	1
19	5510	15	13.4	475	1
20	5510	13	18.4	393	1
21	5510	15	19.4	275	1
22	5510	15	16.9	327	1
23	5510	12	14	366	1
24	5510	14	11.4	209	1
25	5510	13	18.4	237	1
26	5510	16	13.5	271	1
27	5510	15	11.7	200	1
28	5510	12	13.8	356	1
29	5510	12	13.9	207	1
30	5510	12	11.1	284	1
Detection Percentage: 96.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5510	1
2	5510	1
3	5510	1
4	5510	0
5	5510	1
6	5510	1
7	5510	1
8	5510	1
9	5510	1
10	5510	1
11	5494.8	1
12	5495.6	1
13	5495.6	1
14	5495.2	1
15	5496.4	1
16	5496.8	1
17	5496.4	1
18	5497.6	1
19	5492.8	1
20	5498.0	1
21	5525.6	1
22	5523.2	1
23	5522.8	1
24	5524.4	1
25	5522.8	1
26	5526.4	0
27	5523.6	1
28	5523.2	1
29	5523.6	1
30	5524.8	1
Detection Percentage: 93.3 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	85.7	1427		0.614495	
1	3	7	51.2	1826	1003	1.620328	
2	2	7	51.4	1442		2.308345	
3	1	7	63.7			3.045139	
4	1	7	87.9			3.581375	
5	2	7	62.3	1914		4.697828	
6	3	7	67	1350	1674	5.88185	1
7	1	7	79.4			6.722897	
8	1	7	59.5			7.114218	
9	2	7	96.1	1987		7.766717	
10	2	7	55	1117		8.943918	
11	2	7	56.7	1976		9.857201	
12	1	7	81.4			10.766468	
13	1	7	69.5			11.764963	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	96.1	1782	1781	0.713942	
1	2	13	94	1529		1.062536	
2	2	13	97.3	1388		2.185447	
3	3	13	92.2	1901	1646	2.751962	
4	2	13	64	1224		3.933463	
5	2	13	71.9	1157		4.029181	
6	2	13	96.6	1923		5.270284	
7	2	13	93	1937		5.746097	1
8	2	13	62.8	1063		6.65414	
9	3	13	71.7	1799	1224	7.980188	
10	1	13	82.4			8.715339	
11	1	13	90			9.077392	
12	2	13	84	1928		10.112942	
13	2	13	71.5	1451		11.085354	
14	2	13	68	1304		11.249506	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	99.3	1105	1684	0.0734	
1	3	13	74	1742	1849	1.48735	
2	3	13	58.7	1936	1730	2.964657	
3	1	13	78			3.134189	
4	1	13	91.7			4.390118	
5	1	13	73.3			5.345994	
6	2	13	83.4	1429		6.490829	1
7	1	13	81			7.498193	
8	1	13	62			8.174195	
9	1	13	77.1			9.208761	
10	2	13	88.8	1214		10.280718	
11	2	13	87.1	1069		11.562722	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	64.8	1488		0.930349	
1	3	16	61.9	1988	1291	1.74857	
2	1	16	77.2			3.785734	
3	3	16	75.2	1891	1123	4.837414	0
4	2	16	77	1855		6.523613	
5	2	16	72	1698		7.895433	
6	1	16	95.2			9.464858	
7	2	16	61.5	1457		11.280529	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	59.4	1060	1405	0.060827	
1	2	13	79.9	1514		1.143982	
2	2	13	85.9	1911		1.663983	
3	3	13	87.2	1465	1938	2.478056	
4	1	13	95.2			2.973605	
5	2	13	72.2	1481		3.645836	
6	1	13	72.6			4.159569	
7	2	13	57.5	1067		4.704971	
8	3	13	51.7	1759	1532	5.318564	
9	1	13	78.4			5.882278	1
10	1	13	75.5			6.521602	
11	2	13	62.7	1032		6.977494	
12	2	13	83.9	1863		8.072523	
13	2	13	83.8	1909		8.364126	
14	2	13	82.4	1965		9.401042	
15	2	13	65.5	1879		9.70306	
16	2	13	68	1255		10.141684	
17	1	13	91.5			11.273199	
18	2	13	82.9	1772		11.879515	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	57.7	1283	1837	0.680584	
1	2	9	60	1966		1.341474	
2	2	9	68.7	1934		2.129966	
3	3	9	80.9	1762	1631	2.427307	
4	1	9	83			3.564292	
5	1	9	62.5			3.840221	
6	2	9	77.3	1370		4.657865	
7	3	9	95.9	1791	1026	5.743982	1
8	3	9	64.9	1923	1008	6.264864	
9	1	9	77.9			7.163102	
10	3	9	73.4	1535	1053	8.15407	
11	2	9	90.3	1617		8.453234	
12	3	9	77.8	1578	1634	9.393458	
13	2	9	56.8	1030		9.991559	
14	2	9	79.3	1003		11.082418	
15	3	9	52.5	1395	1201	11.942344	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	67	1717		0.81793	
1	1	7	82.8			1.506221	
2	2	7	72.8	1274		2.617442	
3	3	7	62.9	1301	1864	3.233279	
4	2	7	87	1142		4.479245	
5	3	7	89.3	1827	1578	5.424932	
6	2	7	65.5	1612		6.309413	1
7	1	7	74.3			6.754994	
8	1	7	51.6			7.541375	
9	1	7	53.4			8.795816	
10	2	7	96.3	1434		9.381434	
11	1	7	61.1			10.697968	
12	3	7	71.3	1069	1895	11.245653	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	64	1754	1144	0.491432	
1	1	7	70.1			1.534514	
2	1	7	86.5			3.89144	
3	3	7	88.5	1592	1845	4.945238	
4	1	7	81.9			6.572891	1
5	1	7	81			7.34763	
6	2	7	80.3	1437		8.517366	
7	2	7	92.9	1072		9.947709	
8	2	7	83.9	1759		11.723552	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	58.8			0.096592	
1	3	10	91.1	1316	1702	1.284247	
2	3	10	53.2	1190	1470	2.019314	
3	2	10	61.5	1395		3.104361	
4	1	10	79			3.957226	
5	2	10	53.5	1037		4.479901	
6	2	10	74.1	1905		5.77352	
7	3	10	54.3	1100	1422	6.788044	1
8	2	10	86.3	1506		7.124492	
9	1	10	84.2			8.04556	
10	2	10	85.1	1695		8.930309	
11	1	10	75.9			9.940327	
12	1	10	91.6			10.348905	
13	3	10	88	1160	1375	11.192408	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	69.9	1793		0.359631	
1	1	10	95.8			1.107669	
2	3	10	88.1	1214	1821	1.309952	
3	2	10	99.3	1446		2.306197	
4	2	10	85.9	1282		2.53009	
5	2	10	85.7	1289		3.603691	
6	1	10	52			4.207849	
7	1	10	84.2			5.001063	
8	3	10	87.9	1387	1680	5.435307	
9	1	10	60.7			6.274748	1
10	3	10	77.4	1160	1231	6.846737	
11	1	10	74.1			7.324651	
12	3	10	64.5	1824	1657	8.117702	
13	3	10	57.5	1230	1486	8.548028	
14	2	10	93.6	1822		9.397078	
15	1	10	66.3			9.940991	
16	1	10	75.9			10.143293	
17	2	10	78.1	1845		11.14704	
18	2	10	50.4	1970		11.742157	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	95.4	1320		0.549144	
1	3	12	63.3	1704	1213	1.369321	
2	2	12	95.7	1260		2.577796	
3	2	12	82.1	1356		3.725441	
4	2	12	62.2	1631		5.244471	
5	1	12	55.1			6.377854	1
6	3	12	66	1190	1582	6.748293	
7	1	12	74.7			8.020157	
8	2	12	93	1117		9.41511	
9	1	12	56			10.7212	
10	1	12	89			11.488263	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	91.6			0.510852	
1	1	14	62.2			0.676531	
2	3	14	80.8	1087	1822	1.70027	
3	3	14	95.9	1067	1794	1.961535	
4	3	14	91.4	1393	1967	2.621338	
5	3	14	72.3	1647	1632	3.209436	
6	1	14	96			3.790505	
7	1	14	93.3			4.976048	
8	2	14	76.2	1482		5.443919	
9	2	14	65.4	1586		6.180651	1
10	3	14	84.2	1298	1681	6.757882	
11	3	14	71.5	1648	1029	7.481746	
12	2	14	86.1	1213		7.777406	
13	1	14	84			8.384515	
14	2	14	64.9	1199		9.239617	
15	2	14	82.3	1559		9.801183	
16	1	14	83.1			10.386756	
17	3	14	95.2	1306	1889	11.171609	
18	3	14	62.7	1660	1227	11.95284	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	90	1124		0.978781	
1	2	14	76.1	1289		1.910041	
2	3	14	53.2	1778	1177	3.023091	
3	2	14	59.5	1406		3.983125	
4	2	14	88.1	1823		5.159637	
5	2	14	89.3	1835		6.019702	1
6	3	14	86.7	1624	1618	7.53671	
7	2	14	64	1284		8.042471	
8	1	14	75			9.258833	
9	3	14	52.8	1511	1614	10.209001	
10	2	14	80.9	1617		11.130602	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	86.3	1477	1761	0.361099	
1	1	13	83.6			1.268353	
2	2	13	71.2	1596		1.73124	
3	2	13	99.9	1214		2.302483	
4	2	13	69.1	1040		3.03817	
5	1	13	88.5			3.69812	
6	3	13	92.4	1732	1978	4.475038	
7	2	13	91.5	1512		5.082752	
8	2	13	72.8	1222		6.28714	1
9	2	13	87	1697		6.566825	
10	1	13	87.5			7.284934	
11	2	13	56.7	1983		8.217686	
12	1	13	75.7			9.096293	
13	2	13	77.3	1966		9.318805	
14	1	13	57.1			10.254687	
15	3	13	56.3	1128	1168	11.106545	
16	2	13	86.1	1208		11.335788	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	52.6			0.197711	
1	1	16	78.4			1.058092	
2	2	16	78.8	1115		2.032754	
3	2	16	81.9	1035		2.606817	
4	2	16	66.6	1699		3.641733	
5	1	16	55.5			4.41829	
6	1	16	51.7			4.58736	
7	2	16	75.9	1185		5.369683	
8	3	16	88.5	1905	1603	6.218059	1
9	3	16	54.9	1901	1873	6.853364	
10	2	16	92.3	1882		7.803663	
11	2	16	86.3	1024		8.828567	
12	1	16	56.7			9.540931	
13	2	16	79.8	1209		10.449924	
14	1	16	98.5			10.748742	
15	2	16	93.5	1604		11.35178	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	62.9	1887		0.238821	
1	2	17	53.4	1480		1.20343	
2	3	17	92.4	1988	1679	1.367824	
3	2	17	58.8	1337		2.33888	
4	2	17	56.3	1300		3.028074	
5	2	17	60.7	1537		3.294675	
6	3	17	87.6	1437	1326	4.398941	
7	2	17	66.5	1516		5.045531	
8	1	17	69.3			5.109804	
9	2	17	66	1569		5.783863	1
10	2	17	62.7	1243		6.497077	
11	1	17	54.4			7.381213	
12	1	17	87			8.048393	
13	3	17	87.6	1049	1874	8.801373	
14	2	17	51.4	1710		9.155758	
15	3	17	70.9	1349	1718	9.65498	
16	3	17	57.6	1333	1951	10.518182	
17	2	17	82.4	1500		11.149232	
18	2	17	87.8	1379		11.784256	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	95.8	1035		0.389047	
1	2	16	79.5	1942		1.675364	
2	2	16	77.4	1004		3.050623	
3	2	16	99.5	1444		5.035491	
4	1	16	87.8			7.135382	1
5	2	16	96.1	1388		8.460046	
6	3	16	91.6	1766	1279	10.232667	
7	1	16	98.4			11.538128	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	52.7			0.639901	
1	1	19	95.2			2.007621	
2	3	19	64.5	1641	1216	3.50796	
3	2	19	82.7	1542		4.327991	
4	2	19	95.3	1248		6.62321	1
5	2	19	56.6	1969		7.085223	
6	3	19	96.7	1500	1204	8.090813	
7	1	19	99.7			9.54499	
8	2	19	91	1273		11.640678	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	95.1	1579		0.033801	
1	2	7	76.4	1274		0.968578	
2	1	7	62.5			1.782758	
3	1	7	97.9			2.28112	
4	2	7	62.5	1575		2.93897	
5	2	7	88.8	1944		3.350295	
6	3	7	84.7	1106	1151	3.889578	
7	2	7	58.4	1615		4.7801	
8	2	7	68.3	1457		5.329099	
9	1	7	67.3			5.99714	1
10	3	7	90.6	1374	1060	6.784066	
11	2	7	93.7	1106		7.547277	
12	3	7	76.3	1844	1453	7.60558	
13	2	7	85.3	1984		8.67808	
14	2	7	96.9	1930		9.241957	
15	3	7	56.7	1228	1125	9.623534	
16	1	7	82.3			10.310831	
17	2	7	82.6	1007		10.992764	
18	3	7	83.1	1850	1416	11.477624	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	69.1			0.239183	
1	2	20	67.5	1014		0.792056	
2	2	20	62.2	1155		1.882141	
3	2	20	78.9	1795		2.658637	
4	2	20	91.7	1546		3.015875	
5	1	20	55.8			3.841948	
6	2	20	53	1038		4.267442	
7	2	20	50.4	1199		4.797037	
8	1	20	53.7			5.800006	1
9	1	20	78.5			6.338673	
10	3	20	66.9	1302	1072	7.195263	
11	3	20	58.2	1660	1342	7.915863	
12	2	20	61.5	1825		8.351088	
13	1	20	80.9			9.182041	
14	1	20	87.3			9.893897	
15	2	20	79.6	1972		10.373017	
16	3	20	69.7	1138	1286	10.936822	
17	2	20	71.5	1940		11.415298	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	70	1040		0.337687	
1	2	11	61.5	1727		1.64364	
2	1	11	93.9			2.097083	
3	1	11	66.5			2.975009	
4	2	11	56.4	1656		4.259366	
5	3	11	59.7	1224	1499	4.633181	
6	1	11	87.4			5.985209	1
7	2	11	58.9	1037		6.625109	
8	3	11	91.1	1278	1264	7.769509	
9	2	11	79.1	1687		8.484606	
10	2	11	77.9	1386		9.43655	
11	2	11	76.6	1125		10.63048	
12	3	11	60.8	1109	1072	11.919158	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	88.2			0.286425	
1	2	17	53.7	1577		1.084727	
2	2	17	81.4	1349		2.62227	
3	1	17	77.8			2.790043	
4	2	17	70.1	1263		4.535283	
5	2	17	86.4	1884		5.480009	
6	3	17	93.8	1941	1017	6.328853	1
7	3	17	57.1	1521	1677	6.754427	
8	3	17	68.2	1471	1242	7.872517	
9	2	17	58	1724		8.531668	
10	2	17	51.9	1326		9.433551	
11	2	17	95.7	1775		10.474705	
12	1	17	73.5			11.668577	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	74.3			0.399907	
1	1	18	50.1			1.253001	
2	2	18	75.8	1417		1.831507	
3	3	18	61.6	1438	1983	2.688392	
4	1	18	69.2			3.387733	
5	3	18	85.7	1959	1619	3.94932	
6	2	18	75.5	1708		4.543196	
7	2	18	52.8	1903		5.254875	
8	2	18	66.6	1143		5.831509	1
9	3	18	67.1	1237	1730	6.540899	
10	1	18	61.7			7.066786	
11	3	18	82.9	1888	1346	8.03826	
12	2	18	53.1	1639		8.923362	
13	2	18	55.6	1488		9.856885	
14	3	18	97.5	1594	1210	10.052775	
15	2	18	76.2	1574		10.974549	
16	3	18	93.6	1791	1850	11.447559	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	87.4			0.961451	
1	2	14	92	1098		2.659716	
2	2	14	94.5	1379		3.923484	
3	1	14	54.9			5.029108	
4	1	14	96.2			5.829523	1
5	2	14	56.2	1025		7.549573	
6	2	14	80.1	1518		8.366477	
7	3	14	52.5	1445	1888	9.900702	
8	2	14	91.2	1893		11.215485	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	68.2	1668		0.014533	
1	2	18	99.3	1295		1.87253	
2	2	18	62.9	1574		2.126461	
3	3	18	94.1	1329	1978	3.205664	
4	2	18	73	1998		4.563138	
5	3	18	62.5	1516	1959	5.208157	1
6	2	18	53.4	1129		6.187902	
7	3	18	87.6	1891	1285	7.380964	
8	1	18	86.9			8.335182	
9	2	18	80	1615		9.06794	
10	2	18	74.7	1041		10.035754	
11	3	18	65.1	1159	1121	11.013843	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	73.8			0.734762	
1	2	9	80.4	1382		2.229645	
2	2	9	86.2	1036		3.108378	
3	2	9	81.4	1213		3.928756	
4	2	9	79	1122		5.454011	
5	1	9	95.1			6.527548	0
6	3	9	66.8	1963	1720	8.139412	
7	2	9	90.3	1307		8.738056	
8	1	9	57			10.621243	
9	2	9	76.1	1340		10.935478	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	83.7	1958		0.175488	
1	3	16	82.8	1306	1305	0.752415	
2	2	16	93.5	1054		1.612416	
3	2	16	63.8	1562		1.970013	
4	1	16	74.7			2.906446	
5	1	16	74.4			3.404349	
6	1	16	85.6			3.873456	
7	3	16	73	1360	1551	4.62235	
8	2	16	67.8	1495		4.930425	
9	3	16	99	1177	1824	5.61007	1
10	2	16	99.9	1555		6.478067	
11	2	16	54.9	1615		6.992422	
12	2	16	99.6	1639		7.285691	
13	2	16	54	1022		8.212507	
14	1	16	78.5			8.4862	
15	2	16	50.8	1115		9.011379	
16	1	16	82.1			9.993503	
17	2	16	66.7	1105		10.604284	
18	1	16	72.7			11.351295	
19	2	16	76.8	1614		11.54131	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	92.7			0.298683	
1	2	17	73.8	1190		0.9028	
2	1	17	88.3			1.727893	
3	2	17	62.2	1816		2.403713	
4	1	17	65.1			2.629956	
5	2	17	84.9	1896		3.403281	
6	2	17	97.6	1999		3.824413	
7	1	17	50.8			4.526861	
8	2	17	82.7	1951		5.078186	
9	3	17	57.1	1072	1430	5.870525	1
10	3	17	58.5	1801	1135	6.868828	
11	1	17	54.5			7.012789	
12	2	17	59.1	1849		8.035734	
13	1	17	80.4			8.460125	
14	2	17	53.6	1528		9.462924	
15	2	17	76	1779		9.650267	
16	1	17	80.4			10.163128	
17	2	17	86	1347		11.210242	
18	3	17	56.5	1779	1897	11.448519	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	55			0.336012	
1	3	16	69.4	1242	1741	0.987654	
2	1	16	72.8			2.084683	
3	3	16	95.1	1299	1116	2.751726	
4	2	16	70.4	1544		3.93137	
5	1	16	59.8			5.098974	
6	2	16	80.6	1233		5.881523	
7	2	16	73.5	1946		6.193192	1
8	2	16	99.3	1211		7.156345	
9	1	16	53.8			7.941682	
10	1	16	53.2			8.747367	
11	2	16	99.4	1768		10.013304	
12	2	16	65.8	1223		10.842894	
13	1	16	83.3			11.273487	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	90.9	1947	1566	0.38343	
1	2	13	70.4	1093		1.907604	
2	2	13	92	1907		2.791185	
3	2	13	89.4	1562		3.065793	
4	2	13	54.2	1129		4.002833	
5	3	13	50.8	1618	1063	5.530687	1
6	2	13	85.1	1480		6.740584	
7	2	13	55.4	1210		7.062799	
8	2	13	79.5	1813		8.866909	
9	2	13	59.2	1597		9.913242	
10	2	13	75.6	1852		10.781289	
11	2	13	75	1706		11.396359	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5510	9	1	333	1	5614.0, 5504.0, 5723.0, 5260.0, 5653.0, 5596.0, 5474.0, 5681.0, 5273.0, 5284.0, 5499.0, 5595.0, 5304.0, 5316.0, 5605.0, 5464.0, 5649.0, 5673.0, 5453.0, 5405.0, 5642.0, 5476.0, 5353.0, 5422.0, 5677.0, 5349.0, 5513.0, 5598.0, 5298.0, 5300.0, 5685.0, 5415.0, 5399.0, 5637.0, 5326.0, 5346.0, 5396.0, 5496.0, 5370.0, 5509.0, 5557.0, 5441.0, 5423.0, 5283.0, 5559.0, 5541.0, 5291.0, 5285.0, 5502.0, 5389.0, 5612.0, 5268.0, 5435.0, 5403.0, 5397.0, 5668.0, 5712.0, 5490.0, 5365.0, 5338.0, 5616.0, 5320.0, 5532.0, 5624.0, 5387.0, 5540.0, 5311.0, 5487.0, 5303.0, 5371.0, 5630.0, 5392.0, 5510.0, 5262.0, 5383.0, 5325.0, 5477.0, 5575.0, 5632.0, 5639.0, 5500.0, 5436.0, 5266.0, 5461.0, 5572.0, 5492.0, 5409.0, 5611.0, 5484.0, 5539.0, 5715.0, 5472.0, 5334.0, 5552.0, 5672.0, 5414.0, 5327.0, 5623.0, 5344.0, 5497.0 (number of hits: 11)
2	5510	9	1	333	1	5473.0, 5494.0, 5663.0, 5476.0, 5697.0, 5714.0, 5492.0, 5411.0, 5642.0, 5395.0, 5680.0, 5341.0, 5617.0, 5295.0, 5699.0, 5273.0, 5374.0, 5423.0, 5258.0, 5298.0, 5485.0, 5369.0, 5378.0, 5581.0, 5608.0, 5370.0, 5602.0, 5428.0, 5517.0, 5305.0, 5251.0, 5271.0, 5456.0, 5614.0, 5641.0, 5564.0, 5669.0, 5475.0, 5686.0, 5633.0, 5566.0, 5482.0, 5373.0, 5529.0, 5497.0, 5521.0, 5268.0, 5359.0, 5292.0, 5400.0, 5717.0, 5417.0, 5340.0, 5671.0, 5432.0, 5653.0, 5286.0, 5477.0, 5678.0, 5574.0, 5455.0, 5321.0, 5611.0, 5506.0, 5287.0, 5572.0, 5620.0, 5345.0, 5263.0, 5313.0, 5700.0, 5543.0, 5302.0, 5356.0, 5637.0, 5347.0, 5537.0, 5429.0, 5361.0, 5502.0, 5630.0, 5561.0, 5293.0, 5525.0, 5516.0, 5632.0, 5413.0, 5559.0, 5715.0, 5626.0, 5469.0, 5587.0, 5479.0, 5319.0, 5281.0, 5634.0, 5701.0, 5438.0, 5334.0, 5688.0 (number of hits: 10)
3	5510	9	1	333	1	5486.0, 5520.0, 5385.0, 5470.0, 5256.0, 5540.0, 5318.0, 5648.0, 5527.0, 5435.0, 5571.0, 5711.0, 5621.0, 5483.0, 5422.0, 5323.0, 5663.0, 5642.0, 5636.0, 5667.0, 5482.0, 5677.0, 5706.0, 5401.0, 5547.0, 5541.0, 5359.0, 5533.0, 5322.0, 5419.0, 5598.0, 5364.0, 5458.0, 5462.0, 5610.0, 5558.0, 5701.0, 5487.0, 5515.0, 5374.0, 5555.0, 5532.0, 5676.0, 5346.0, 5367.0, 5414.0, 5529.0, 5474.0, 5630.0, 5464.0, 5525.0, 5275.0, 5461.0, 5603.0, 5543.0,

						5717.0, 5449.0, 5410.0, 5691.0, 5394.0, 5552.0, 5589.0, 5412.0, 5512.0, 5332.0, 5616.0, 5498.0, 5427.0, 5600.0, 5590.0, 5362.0, 5440.0, 5673.0, 5605.0, 5578.0, 5439.0, 5715.0, 5623.0, 5572.0, 5336.0, 5714.0, 5468.0, 5549.0, 5710.0, 5465.0, 5692.0, 5437.0, 5354.0, 5408.0, 5259.0, 5445.0, 5355.0, 5680.0, 5560.0, 5284.0, 5411.0, 5591.0, 5430.0, 5261.0, 5349.0 (number of hits: 7)
4	5510	9	1	333	1	5285.0, 5335.0, 5271.0, 5268.0, 5442.0, 5349.0, 5627.0, 5364.0, 5589.0, 5418.0, 5590.0, 5544.0, 5564.0, 5356.0, 5276.0, 5600.0, 5696.0, 5724.0, 5491.0, 5447.0, 5342.0, 5670.0, 5383.0, 5524.0, 5477.0, 5686.0, 5267.0, 5558.0, 5432.0, 5624.0, 5413.0, 5719.0, 5410.0, 5316.0, 5288.0, 5310.0, 5522.0, 5329.0, 5445.0, 5561.0, 5299.0, 5405.0, 5485.0, 5555.0, 5668.0, 5264.0, 5347.0, 5397.0, 5354.0, 5579.0, 5468.0, 5439.0, 5643.0, 5537.0, 5338.0, 5416.0, 5593.0, 5473.0, 5568.0, 5492.0, 5390.0, 5456.0, 5358.0, 5645.0, 5479.0, 5386.0, 5714.0, 5594.0, 5382.0, 5392.0, 5565.0, 5673.0, 5304.0, 5598.0, 5605.0, 5536.0, 5292.0, 5283.0, 5671.0, 5576.0, 5703.0, 5613.0, 5710.0, 5582.0, 5301.0, 5514.0, 5577.0, 5496.0, 5453.0, 5476.0, 5586.0, 5488.0, 5366.0, 5676.0, 5552.0, 5369.0, 5551.0, 5328.0, 5375.0, 5511.0 (number of hits: 7)
5	5510	9	1	333	1	5302.0, 5607.0, 5548.0, 5305.0, 5493.0, 5313.0, 5512.0, 5311.0, 5491.0, 5663.0, 5544.0, 5502.0, 5616.0, 5654.0, 5374.0, 5605.0, 5351.0, 5483.0, 5292.0, 5256.0, 5480.0, 5478.0, 5525.0, 5337.0, 5463.0, 5457.0, 5377.0, 5306.0, 5461.0, 5506.0, 5503.0, 5430.0, 5451.0, 5613.0, 5448.0, 5555.0, 5494.0, 5385.0, 5505.0, 5336.0, 5332.0, 5600.0, 5547.0, 5520.0, 5559.0, 5253.0, 5345.0, 5535.0, 5704.0, 5527.0, 5439.0, 5402.0, 5598.0, 5361.0, 5285.0, 5462.0, 5706.0, 5580.0, 5622.0, 5386.0, 5696.0, 5375.0, 5346.0, 5693.0, 5712.0, 5650.0, 5376.0, 5717.0, 5423.0, 5673.0, 5411.0, 5643.0, 5538.0, 5664.0, 5339.0, 5358.0, 5270.0, 5327.0, 5254.0, 5274.0, 5384.0, 5356.0, 5533.0, 5662.0, 5597.0, 5447.0, 5703.0, 5350.0, 5632.0, 5721.0, 5264.0, 5562.0, 5576.0, 5268.0, 5619.0, 5379.0, 5677.0, 5282.0, 5338.0, 5436.0 (number of hits: 11)
6	5510	9	1	333	1	5581.0, 5333.0, 5359.0, 5447.0, 5532.0, 5464.0, 5500.0, 5559.0, 5626.0, 5462.0, 5372.0, 5522.0, 5646.0, 5440.0, 5610.0, 5316.0, 5647.0, 5318.0, 5268.0, 5357.0, 5492.0, 5526.0, 5276.0, 5535.0, 5635.0, 5616.0, 5593.0, 5508.0, 5685.0, 5381.0, 5586.0, 5331.0, 5485.0, 5411.0, 5627.0,

						5604.0, 5521.0, 5574.0, 5568.0, 5459.0, 5601.0, 5564.0, 5493.0, 5397.0, 5577.0, 5482.0, 5503.0, 5543.0, 5555.0, 5278.0, 5415.0, 5398.0, 5523.0, 5624.0, 5488.0, 5665.0, 5418.0, 5569.0, 5394.0, 5515.0, 5661.0, 5688.0, 5501.0, 5552.0, 5605.0, 5607.0, 5544.0, 5659.0, 5707.0, 5455.0, 5549.0, 5252.0, 5472.0, 5272.0, 5358.0, 5369.0, 5371.0, 5363.0, 5677.0, 5496.0, 5608.0, 5701.0, 5255.0, 5366.0, 5667.0, 5531.0, 5349.0, 5705.0, 5494.0, 5424.0, 5341.0, 5560.0, 5598.0, 5591.0, 5617.0, 5514.0, 5417.0, 5433.0, 5451.0, 5263.0 (number of hits: 14)
7	5510	9	1	333	1	5391.0, 5619.0, 5484.0, 5430.0, 5654.0, 5559.0, 5649.0, 5464.0, 5645.0, 5480.0, 5481.0, 5399.0, 5482.0, 5717.0, 5262.0, 5689.0, 5389.0, 5705.0, 5521.0, 5436.0, 5501.0, 5316.0, 5507.0, 5331.0, 5415.0, 5457.0, 5456.0, 5533.0, 5720.0, 5545.0, 5601.0, 5322.0, 5418.0, 5437.0, 5566.0, 5363.0, 5466.0, 5318.0, 5686.0, 5570.0, 5426.0, 5694.0, 5423.0, 5406.0, 5412.0, 5465.0, 5710.0, 5340.0, 5376.0, 5546.0, 5693.0, 5541.0, 5333.0, 5575.0, 5605.0, 5386.0, 5396.0, 5344.0, 5696.0, 5616.0, 5361.0, 5708.0, 5499.0, 5658.0, 5625.0, 5380.0, 5468.0, 5702.0, 5700.0, 5425.0, 5606.0, 5293.0, 5496.0, 5326.0, 5706.0, 5250.0, 5672.0, 5488.0, 5278.0, 5576.0, 5500.0, 5270.0, 5321.0, 5572.0, 5723.0, 5327.0, 5416.0, 5698.0, 5251.0, 5366.0, 5633.0, 5400.0, 5594.0, 5643.0, 5530.0, 5677.0, 5427.0, 5308.0, 5642.0, 5485.0 (number of hits: 6)
8	5510	9	1	333	1	5579.0, 5310.0, 5480.0, 5665.0, 5316.0, 5433.0, 5322.0, 5636.0, 5381.0, 5443.0, 5517.0, 5545.0, 5573.0, 5599.0, 5717.0, 5372.0, 5479.0, 5637.0, 5279.0, 5417.0, 5411.0, 5528.0, 5441.0, 5526.0, 5518.0, 5709.0, 5610.0, 5683.0, 5474.0, 5349.0, 5617.0, 5362.0, 5695.0, 5399.0, 5654.0, 5561.0, 5700.0, 5334.0, 5544.0, 5672.0, 5682.0, 5275.0, 5467.0, 5590.0, 5348.0, 5525.0, 5455.0, 5565.0, 5571.0, 5426.0, 5722.0, 5460.0, 5291.0, 5428.0, 5646.0, 5496.0, 5476.0, 5272.0, 5542.0, 5342.0, 5295.0, 5419.0, 5531.0, 5298.0, 5576.0, 5598.0, 5696.0, 5415.0, 5648.0, 5503.0, 5369.0, 5294.0, 5516.0, 5498.0, 5405.0, 5403.0, 5309.0, 5429.0, 5337.0, 5588.0, 5563.0, 5523.0, 5288.0, 5484.0, 5448.0, 5352.0, 5472.0, 5710.0, 5538.0, 5312.0, 5594.0, 5611.0, 5347.0, 5624.0, 5607.0, 5255.0, 5394.0, 5454.0, 5511.0, 5619.0 (number of hits: 11)
9	5510	9	1	333	1	5568.0, 5537.0, 5401.0, 5714.0, 5386.0, 5660.0, 5610.0, 5362.0, 5417.0, 5414.0, 5487.0, 5662.0, 5378.0, 5456.0, 5702.0,

						5548.0, 5316.0, 5299.0, 5344.0, 5712.0, 5449.0, 5583.0, 5388.0, 5552.0, 5699.0, 5688.0, 5675.0, 5503.0, 5504.0, 5497.0, 5650.0, 5431.0, 5540.0, 5383.0, 5410.0, 5255.0, 5409.0, 5382.0, 5697.0, 5524.0, 5376.0, 5701.0, 5433.0, 5587.0, 5329.0, 5339.0, 5630.0, 5368.0, 5434.0, 5562.0, 5632.0, 5585.0, 5640.0, 5627.0, 5717.0, 5618.0, 5390.0, 5253.0, 5336.0, 5572.0, 5254.0, 5307.0, 5272.0, 5451.0, 5354.0, 5276.0, 5724.0, 5560.0, 5716.0, 5379.0, 5342.0, 5508.0, 5529.0, 5580.0, 5479.0, 5592.0, 5494.0, 5642.0, 5356.0, 5693.0, 5340.0, 5620.0, 5608.0, 5367.0, 5387.0, 5649.0, 5539.0, 5515.0, 5598.0, 5708.0, 5493.0, 5535.0, 5361.0, 5330.0, 5442.0, 5694.0, 5257.0, 5427.0, 5290.0, 5346.0 (number of hits: 9)
10	5510	9	1	333	1	5307.0, 5670.0, 5587.0, 5283.0, 5364.0, 5265.0, 5256.0, 5397.0, 5334.0, 5443.0, 5542.0, 5369.0, 5380.0, 5537.0, 5573.0, 5630.0, 5272.0, 5570.0, 5328.0, 5533.0, 5536.0, 5701.0, 5693.0, 5343.0, 5453.0, 5638.0, 5273.0, 5724.0, 5489.0, 5519.0, 5318.0, 5705.0, 5523.0, 5545.0, 5352.0, 5444.0, 5408.0, 5503.0, 5697.0, 5339.0, 5716.0, 5479.0, 5528.0, 5471.0, 5312.0, 5685.0, 5593.0, 5456.0, 5571.0, 5394.0, 5354.0, 5534.0, 5598.0, 5315.0, 5492.0, 5297.0, 5461.0, 5551.0, 5308.0, 5251.0, 5671.0, 5640.0, 5669.0, 5363.0, 5538.0, 5294.0, 5476.0, 5371.0, 5525.0, 5502.0, 5340.0, 5280.0, 5390.0, 5509.0, 5436.0, 5442.0, 5500.0, 5263.0, 5322.0, 5347.0, 5607.0, 5292.0, 5713.0, 5513.0, 5653.0, 5676.0, 5601.0, 5602.0, 5321.0, 5345.0, 5688.0, 5516.0, 5414.0, 5474.0, 5428.0, 5557.0, 5555.0, 5381.0, 5278.0, 5719.0 (number of hits: 11)
11	5510	9	1	333	1	5582.0, 5437.0, 5434.0, 5536.0, 5272.0, 5706.0, 5465.0, 5287.0, 5457.0, 5537.0, 5665.0, 5290.0, 5609.0, 5662.0, 5482.0, 5680.0, 5456.0, 5584.0, 5390.0, 5356.0, 5586.0, 5702.0, 5353.0, 5320.0, 5299.0, 5504.0, 5477.0, 5605.0, 5715.0, 5497.0, 5339.0, 5499.0, 5534.0, 5400.0, 5414.0, 5544.0, 5376.0, 5266.0, 5550.0, 5618.0, 5647.0, 5594.0, 5611.0, 5691.0, 5383.0, 5289.0, 5703.0, 5620.0, 5492.0, 5707.0, 5567.0, 5454.0, 5366.0, 5273.0, 5641.0, 5583.0, 5705.0, 5385.0, 5310.0, 5252.0, 5302.0, 5432.0, 5592.0, 5280.0, 5405.0, 5608.0, 5626.0, 5528.0, 5458.0, 5509.0, 5275.0, 5663.0, 5395.0, 5513.0, 5565.0, 5520.0, 5563.0, 5613.0, 5698.0, 5686.0, 5486.0, 5502.0, 5416.0, 5494.0, 5500.0, 5367.0, 5720.0, 5525.0, 5489.0, 5677.0, 5441.0, 5261.0, 5596.0, 5569.0, 5336.0, 5649.0, 5268.0, 5711.0, 5551.0, 5255.0

						(number of hits: 12)
12	5510	9	1	333	1	5529.0, 5526.0, 5544.0, 5511.0, 5711.0, 5636.0, 5489.0, 5318.0, 5639.0, 5536.0, 5343.0, 5363.0, 5590.0, 5274.0, 5366.0, 5282.0, 5464.0, 5262.0, 5530.0, 5348.0, 5507.0, 5261.0, 5515.0, 5514.0, 5314.0, 5570.0, 5502.0, 5390.0, 5448.0, 5340.0, 5471.0, 5609.0, 5617.0, 5534.0, 5328.0, 5547.0, 5589.0, 5449.0, 5656.0, 5305.0, 5587.0, 5362.0, 5580.0, 5559.0, 5392.0, 5578.0, 5566.0, 5517.0, 5596.0, 5356.0, 5472.0, 5423.0, 5439.0, 5373.0, 5648.0, 5551.0, 5582.0, 5298.0, 5409.0, 5674.0, 5396.0, 5654.0, 5319.0, 5519.0, 5721.0, 5368.0, 5572.0, 5399.0, 5712.0, 5335.0, 5723.0, 5308.0, 5342.0, 5394.0, 5631.0, 5642.0, 5294.0, 5591.0, 5699.0, 5651.0, 5365.0, 5253.0, 5681.0, 5376.0, 5381.0, 5541.0, 5374.0, 5635.0, 5364.0, 5426.0, 5332.0, 5266.0, 5337.0, 5549.0, 5539.0, 5398.0, 5623.0, 5720.0, 5400.0, 5672.0
						(number of hits: 9)
13	5510	9	1	333	1	5715.0, 5290.0, 5591.0, 5669.0, 5627.0, 5605.0, 5620.0, 5502.0, 5402.0, 5506.0, 5486.0, 5277.0, 5408.0, 5637.0, 5540.0, 5560.0, 5525.0, 5512.0, 5383.0, 5351.0, 5537.0, 5417.0, 5653.0, 5291.0, 5544.0, 5336.0, 5630.0, 5633.0, 5684.0, 5405.0, 5458.0, 5592.0, 5601.0, 5698.0, 5284.0, 5667.0, 5282.0, 5534.0, 5589.0, 5268.0, 5671.0, 5483.0, 5562.0, 5361.0, 5604.0, 5308.0, 5528.0, 5607.0, 5556.0, 5665.0, 5389.0, 5426.0, 5318.0, 5550.0, 5470.0, 5457.0, 5553.0, 5454.0, 5595.0, 5499.0, 5397.0, 5559.0, 5297.0, 5654.0, 5475.0, 5452.0, 5465.0, 5566.0, 5309.0, 5350.0, 5252.0, 5694.0, 5685.0, 5618.0, 5327.0, 5298.0, 5680.0, 5305.0, 5434.0, 5255.0, 5634.0, 5416.0, 5442.0, 5495.0, 5572.0, 5392.0, 5629.0, 5453.0, 5428.0, 5474.0, 5466.0, 5292.0, 5385.0, 5567.0, 5358.0, 5704.0, 5494.0, 5302.0, 5387.0, 5678.0
						(number of hits: 8)
14	5510	9	1	333	1	5589.0, 5451.0, 5594.0, 5376.0, 5605.0, 5258.0, 5650.0, 5413.0, 5293.0, 5520.0, 5256.0, 5372.0, 5273.0, 5546.0, 5624.0, 5319.0, 5717.0, 5473.0, 5676.0, 5562.0, 5657.0, 5638.0, 5278.0, 5426.0, 5537.0, 5254.0, 5427.0, 5404.0, 5440.0, 5587.0, 5279.0, 5623.0, 5667.0, 5714.0, 5386.0, 5327.0, 5505.0, 5259.0, 5569.0, 5688.0, 5321.0, 5618.0, 5322.0, 5438.0, 5328.0, 5263.0, 5599.0, 5310.0, 5378.0, 5542.0, 5528.0, 5554.0, 5713.0, 5577.0, 5331.0, 5422.0, 5452.0, 5364.0, 5604.0, 5551.0, 5476.0, 5494.0, 5272.0, 5388.0, 5344.0, 5275.0, 5457.0, 5330.0, 5658.0, 5590.0, 5387.0, 5471.0, 5548.0, 5453.0, 5703.0, 5719.0, 5338.0, 5580.0, 5696.0, 5255.0,

						5526.0, 5700.0, 5317.0, 5668.0, 5320.0, 5665.0, 5666.0, 5377.0, 5488.0, 5585.0, 5690.0, 5276.0, 5565.0, 5468.0, 5574.0, 5336.0, 5615.0, 5691.0, 5456.0, 5425.0 (number of hits: 5)
15	5510	9	1	333	1	5535.0, 5403.0, 5295.0, 5579.0, 5321.0, 5682.0, 5590.0, 5254.0, 5257.0, 5578.0, 5542.0, 5556.0, 5453.0, 5529.0, 5613.0, 5606.0, 5361.0, 5574.0, 5565.0, 5281.0, 5544.0, 5288.0, 5433.0, 5272.0, 5561.0, 5536.0, 5672.0, 5610.0, 5252.0, 5308.0, 5461.0, 5495.0, 5628.0, 5365.0, 5696.0, 5467.0, 5364.0, 5537.0, 5336.0, 5304.0, 5554.0, 5333.0, 5315.0, 5521.0, 5523.0, 5261.0, 5340.0, 5334.0, 5463.0, 5531.0, 5275.0, 5389.0, 5593.0, 5500.0, 5468.0, 5264.0, 5680.0, 5317.0, 5712.0, 5582.0, 5469.0, 5298.0, 5605.0, 5522.0, 5374.0, 5690.0, 5625.0, 5501.0, 5481.0, 5723.0, 5517.0, 5671.0, 5448.0, 5721.0, 5504.0, 5474.0, 5258.0, 5668.0, 5384.0, 5370.0, 5268.0, 5475.0, 5596.0, 5518.0, 5466.0, 5425.0, 5484.0, 5280.0, 5442.0, 5717.0, 5250.0, 5678.0, 5503.0, 5292.0, 5273.0, 5514.0, 5646.0, 5345.0, 5450.0, 5355.0 (number of hits: 12)
16	5510	9	1	333	1	5550.0, 5462.0, 5611.0, 5722.0, 5658.0, 5682.0, 5290.0, 5415.0, 5410.0, 5364.0, 5670.0, 5313.0, 5439.0, 5540.0, 5318.0, 5700.0, 5590.0, 5543.0, 5565.0, 5285.0, 5524.0, 5668.0, 5489.0, 5714.0, 5665.0, 5374.0, 5373.0, 5458.0, 5699.0, 5661.0, 5330.0, 5510.0, 5268.0, 5698.0, 5607.0, 5576.0, 5523.0, 5577.0, 5643.0, 5625.0, 5292.0, 5702.0, 5252.0, 5680.0, 5656.0, 5296.0, 5603.0, 5718.0, 5547.0, 5475.0, 5678.0, 5581.0, 5389.0, 5614.0, 5650.0, 5676.0, 5259.0, 5715.0, 5417.0, 5349.0, 5267.0, 5386.0, 5498.0, 5572.0, 5704.0, 5444.0, 5530.0, 5284.0, 5447.0, 5681.0, 5529.0, 5492.0, 5534.0, 5616.0, 5274.0, 5612.0, 5705.0, 5470.0, 5679.0, 5562.0, 5651.0, 5535.0, 5380.0, 5684.0, 5635.0, 5430.0, 5638.0, 5400.0, 5297.0, 5608.0, 5288.0, 5723.0, 5480.0, 5418.0, 5450.0, 5286.0, 5329.0, 5667.0, 5347.0, 5299.0 (number of hits: 6)
17	5510	9	1	333	1	5497.0, 5315.0, 5695.0, 5426.0, 5703.0, 5682.0, 5410.0, 5519.0, 5269.0, 5669.0, 5376.0, 5371.0, 5689.0, 5553.0, 5711.0, 5570.0, 5396.0, 5702.0, 5617.0, 5337.0, 5459.0, 5527.0, 5434.0, 5648.0, 5347.0, 5428.0, 5418.0, 5536.0, 5298.0, 5338.0, 5278.0, 5432.0, 5443.0, 5406.0, 5619.0, 5615.0, 5301.0, 5697.0, 5596.0, 5367.0, 5650.0, 5700.0, 5658.0, 5496.0, 5577.0, 5420.0, 5361.0, 5589.0, 5254.0, 5429.0, 5460.0, 5630.0, 5447.0, 5452.0, 5511.0, 5306.0, 5351.0, 5601.0, 5379.0, 5544.0,

						5472.0, 5548.0, 5599.0, 5265.0, 5375.0, 5556.0, 5653.0, 5465.0, 5499.0, 5715.0, 5520.0, 5317.0, 5342.0, 5365.0, 5305.0, 5543.0, 5419.0, 5491.0, 5282.0, 5439.0, 5528.0, 5449.0, 5603.0, 5674.0, 5383.0, 5437.0, 5289.0, 5354.0, 5547.0, 5558.0, 5430.0, 5579.0, 5525.0, 5559.0, 5632.0, 5718.0, 5294.0, 5563.0, 5360.0, 5684.0 (number of hits: 10)
18	5510	9	1	333	1	5426.0, 5607.0, 5513.0, 5600.0, 5367.0, 5441.0, 5668.0, 5619.0, 5479.0, 5430.0, 5459.0, 5635.0, 5586.0, 5681.0, 5705.0, 5659.0, 5564.0, 5290.0, 5633.0, 5472.0, 5525.0, 5575.0, 5385.0, 5550.0, 5528.0, 5260.0, 5284.0, 5682.0, 5373.0, 5509.0, 5574.0, 5302.0, 5673.0, 5283.0, 5485.0, 5534.0, 5435.0, 5333.0, 5520.0, 5317.0, 5656.0, 5710.0, 5277.0, 5669.0, 5679.0, 5686.0, 5389.0, 5337.0, 5652.0, 5370.0, 5501.0, 5399.0, 5516.0, 5714.0, 5721.0, 5594.0, 5507.0, 5703.0, 5282.0, 5592.0, 5470.0, 5584.0, 5689.0, 5527.0, 5306.0, 5462.0, 5531.0, 5461.0, 5623.0, 5439.0, 5664.0, 5291.0, 5618.0, 5456.0, 5449.0, 5552.0, 5617.0, 5433.0, 5676.0, 5345.0, 5258.0, 5692.0, 5341.0, 5628.0, 5320.0, 5627.0, 5563.0, 5425.0, 5392.0, 5414.0, 5482.0, 5649.0, 5621.0, 5340.0, 5657.0, 5310.0, 5494.0, 5359.0, 5477.0, 5540.0 (number of hits: 10)
19	5510	9	1	333	1	5583.0, 5356.0, 5558.0, 5650.0, 5561.0, 5512.0, 5364.0, 5311.0, 5300.0, 5365.0, 5601.0, 5498.0, 5599.0, 5283.0, 5339.0, 5675.0, 5319.0, 5539.0, 5514.0, 5633.0, 5376.0, 5489.0, 5526.0, 5629.0, 5562.0, 5654.0, 5448.0, 5638.0, 5721.0, 5391.0, 5318.0, 5564.0, 5355.0, 5278.0, 5518.0, 5517.0, 5497.0, 5286.0, 5484.0, 5575.0, 5711.0, 5420.0, 5382.0, 5520.0, 5329.0, 5374.0, 5644.0, 5471.0, 5700.0, 5592.0, 5290.0, 5396.0, 5570.0, 5276.0, 5301.0, 5413.0, 5441.0, 5352.0, 5353.0, 5673.0, 5284.0, 5706.0, 5600.0, 5332.0, 5309.0, 5266.0, 5389.0, 5694.0, 5718.0, 5395.0, 5313.0, 5440.0, 5652.0, 5656.0, 5705.0, 5591.0, 5531.0, 5464.0, 5546.0, 5310.0, 5494.0, 5701.0, 5349.0, 5270.0, 5488.0, 5528.0, 5581.0, 5335.0, 5536.0, 5577.0, 5503.0, 5519.0, 5412.0, 5555.0, 5361.0, 5455.0, 5350.0, 5460.0, 5649.0, 5667.0 (number of hits: 12)
20	5510	9	1	333	1	5390.0, 5601.0, 5417.0, 5650.0, 5562.0, 5570.0, 5649.0, 5310.0, 5539.0, 5673.0, 5315.0, 5627.0, 5296.0, 5384.0, 5304.0, 5459.0, 5411.0, 5689.0, 5412.0, 5381.0, 5497.0, 5607.0, 5260.0, 5715.0, 5672.0, 5509.0, 5639.0, 5589.0, 5327.0, 5679.0, 5360.0, 5676.0, 5690.0, 5291.0, 5414.0, 5307.0, 5667.0, 5295.0, 5458.0, 5343.0,

						5680.0, 5434.0, 5255.0, 5529.0, 5364.0, 5467.0, 5503.0, 5636.0, 5254.0, 5624.0, 5720.0, 5323.0, 5660.0, 5602.0, 5527.0, 5651.0, 5626.0, 5440.0, 5400.0, 5691.0, 5698.0, 5259.0, 5332.0, 5644.0, 5349.0, 5473.0, 5558.0, 5272.0, 5701.0, 5423.0, 5534.0, 5647.0, 5404.0, 5409.0, 5483.0, 5336.0, 5567.0, 5257.0, 5478.0, 5612.0, 5319.0, 5361.0, 5592.0, 5718.0, 5294.0, 5545.0, 5329.0, 5632.0, 5277.0, 5623.0, 5521.0, 5453.0, 5501.0, 5377.0, 5512.0, 5538.0, 5563.0, 5554.0, 5442.0, 5273.0 (number of hits: 8)
21	5510	9	1	333	1	5596.0, 5295.0, 5411.0, 5704.0, 5667.0, 5523.0, 5520.0, 5315.0, 5515.0, 5420.0, 5273.0, 5371.0, 5434.0, 5294.0, 5605.0, 5300.0, 5419.0, 5374.0, 5546.0, 5629.0, 5270.0, 5365.0, 5452.0, 5426.0, 5457.0, 5314.0, 5676.0, 5284.0, 5349.0, 5342.0, 5464.0, 5316.0, 5659.0, 5666.0, 5370.0, 5441.0, 5281.0, 5404.0, 5646.0, 5663.0, 5564.0, 5656.0, 5572.0, 5290.0, 5260.0, 5269.0, 5446.0, 5582.0, 5682.0, 5581.0, 5545.0, 5548.0, 5578.0, 5514.0, 5482.0, 5347.0, 5551.0, 5502.0, 5595.0, 5626.0, 5262.0, 5713.0, 5276.0, 5305.0, 5651.0, 5636.0, 5416.0, 5317.0, 5438.0, 5537.0, 5383.0, 5658.0, 5372.0, 5504.0, 5455.0, 5691.0, 5432.0, 5369.0, 5421.0, 5529.0, 5399.0, 5409.0, 5692.0, 5664.0, 5288.0, 5706.0, 5458.0, 5686.0, 5711.0, 5373.0, 5495.0, 5532.0, 5465.0, 5687.0, 5474.0, 5277.0, 5617.0, 5321.0, 5470.0, 5382.0 (number of hits: 8)
22	5510	9	1	333	1	5668.0, 5493.0, 5460.0, 5617.0, 5254.0, 5687.0, 5701.0, 5514.0, 5476.0, 5456.0, 5465.0, 5409.0, 5525.0, 5659.0, 5407.0, 5287.0, 5598.0, 5645.0, 5335.0, 5588.0, 5516.0, 5387.0, 5260.0, 5642.0, 5426.0, 5635.0, 5406.0, 5290.0, 5526.0, 5381.0, 5455.0, 5711.0, 5576.0, 5470.0, 5602.0, 5497.0, 5445.0, 5355.0, 5486.0, 5284.0, 5664.0, 5566.0, 5561.0, 5463.0, 5676.0, 5294.0, 5568.0, 5338.0, 5330.0, 5577.0, 5347.0, 5569.0, 5671.0, 5348.0, 5609.0, 5608.0, 5571.0, 5250.0, 5519.0, 5653.0, 5343.0, 5466.0, 5366.0, 5305.0, 5622.0, 5412.0, 5459.0, 5616.0, 5575.0, 5612.0, 5574.0, 5490.0, 5322.0, 5590.0, 5372.0, 5724.0, 5422.0, 5277.0, 5399.0, 5339.0, 5467.0, 5591.0, 5410.0, 5656.0, 5531.0, 5562.0, 5292.0, 5650.0, 5473.0, 5549.0, 5657.0, 5613.0, 5503.0, 5483.0, 5678.0, 5499.0, 5665.0, 5462.0, 5686.0, 5451.0 (number of hits: 10)
23	5510	9	1	333	1	5722.0, 5531.0, 5562.0, 5474.0, 5360.0, 5536.0, 5315.0, 5712.0, 5524.0, 5261.0, 5690.0, 5448.0, 5445.0, 5482.0, 5526.0, 5471.0, 5566.0, 5307.0, 5374.0, 5453.0,

						5332.0, 5358.0, 5692.0, 5611.0, 5682.0, 5401.0, 5632.0, 5547.0, 5476.0, 5429.0, 5532.0, 5651.0, 5324.0, 5281.0, 5277.0, 5614.0, 5405.0, 5355.0, 5412.0, 5320.0, 5642.0, 5553.0, 5586.0, 5636.0, 5345.0, 5649.0, 5633.0, 5581.0, 5470.0, 5693.0, 5677.0, 5280.0, 5308.0, 5520.0, 5554.0, 5499.0, 5341.0, 5286.0, 5578.0, 5318.0, 5716.0, 5330.0, 5671.0, 5427.0, 5488.0, 5449.0, 5641.0, 5714.0, 5254.0, 5571.0, 5469.0, 5527.0, 5278.0, 5461.0, 5473.0, 5504.0, 5673.0, 5705.0, 5569.0, 5691.0, 5608.0, 5368.0, 5615.0, 5661.0, 5660.0, 5423.0, 5337.0, 5659.0, 5617.0, 5272.0, 5253.0, 5385.0, 5309.0, 5373.0, 5454.0, 5375.0, 5574.0, 5409.0, 5634.0, 5265.0 (number of hits: 6)
24	5510	9	1	333	1	5565.0, 5338.0, 5562.0, 5381.0, 5403.0, 5446.0, 5342.0, 5704.0, 5418.0, 5394.0, 5463.0, 5650.0, 5540.0, 5591.0, 5545.0, 5368.0, 5672.0, 5628.0, 5576.0, 5407.0, 5669.0, 5560.0, 5361.0, 5280.0, 5699.0, 5454.0, 5351.0, 5362.0, 5587.0, 5616.0, 5456.0, 5593.0, 5405.0, 5464.0, 5667.0, 5638.0, 5677.0, 5313.0, 5589.0, 5482.0, 5442.0, 5480.0, 5601.0, 5529.0, 5501.0, 5320.0, 5392.0, 5375.0, 5281.0, 5559.0, 5369.0, 5528.0, 5439.0, 5358.0, 5525.0, 5431.0, 5605.0, 5330.0, 5514.0, 5350.0, 5410.0, 5497.0, 5349.0, 5397.0, 5516.0, 5606.0, 5376.0, 5425.0, 5674.0, 5687.0, 5538.0, 5374.0, 5337.0, 5437.0, 5341.0, 5547.0, 5556.0, 5530.0, 5379.0, 5577.0, 5474.0, 5411.0, 5490.0, 5348.0, 5720.0, 5457.0, 5643.0, 5702.0, 5523.0, 5414.0, 5551.0, 5553.0, 5462.0, 5458.0, 5604.0, 5566.0, 5347.0, 5346.0, 5322.0, 5345.0 (number of hits: 9)
25	5510	9	1	333	1	5416.0, 5580.0, 5619.0, 5372.0, 5596.0, 5688.0, 5653.0, 5648.0, 5530.0, 5701.0, 5617.0, 5611.0, 5283.0, 5537.0, 5569.0, 5632.0, 5274.0, 5532.0, 5579.0, 5543.0, 5672.0, 5566.0, 5695.0, 5468.0, 5380.0, 5297.0, 5674.0, 5601.0, 5535.0, 5705.0, 5409.0, 5597.0, 5329.0, 5616.0, 5491.0, 5704.0, 5258.0, 5670.0, 5381.0, 5395.0, 5494.0, 5389.0, 5657.0, 5394.0, 5259.0, 5362.0, 5723.0, 5480.0, 5559.0, 5713.0, 5349.0, 5573.0, 5520.0, 5405.0, 5408.0, 5421.0, 5488.0, 5323.0, 5476.0, 5256.0, 5268.0, 5643.0, 5716.0, 5261.0, 5577.0, 5629.0, 5255.0, 5523.0, 5599.0, 5588.0, 5679.0, 5715.0, 5452.0, 5699.0, 5426.0, 5348.0, 5585.0, 5690.0, 5430.0, 5558.0, 5467.0, 5464.0, 5469.0, 5460.0, 5435.0, 5483.0, 5404.0, 5553.0, 5539.0, 5427.0, 5466.0, 5413.0, 5295.0, 5620.0, 5254.0, 5465.0, 5282.0, 5493.0, 5516.0, 5538.0 (number of hits: 6)

26	5510	9	1	333	1	5682.0, 5681.0, 5471.0, 5289.0, 5286.0, 5474.0, 5578.0, 5372.0, 5584.0, 5480.0, 5649.0, 5567.0, 5614.0, 5668.0, 5443.0, 5665.0, 5377.0, 5670.0, 5531.0, 5397.0, 5610.0, 5404.0, 5381.0, 5300.0, 5422.0, 5663.0, 5453.0, 5587.0, 5679.0, 5537.0, 5493.0, 5532.0, 5683.0, 5272.0, 5576.0, 5706.0, 5389.0, 5609.0, 5580.0, 5449.0, 5256.0, 5359.0, 5492.0, 5427.0, 5361.0, 5254.0, 5402.0, 5439.0, 5445.0, 5454.0, 5258.0, 5401.0, 5308.0, 5689.0, 5559.0, 5500.0, 5716.0, 5566.0, 5441.0, 5342.0, 5306.0, 5251.0, 5544.0, 5424.0, 5489.0, 5398.0, 5299.0, 5644.0, 5456.0, 5260.0, 5301.0, 5310.0, 5331.0, 5556.0, 5686.0, 5384.0, 5466.0, 5436.0, 5290.0, 5549.0, 5495.0, 5462.0, 5407.0, 5268.0, 5685.0, 5519.0, 5711.0, 5522.0, 5469.0, 5661.0, 5490.0, 5396.0, 5470.0, 5279.0, 5592.0, 5723.0, 5602.0, 5603.0, 5334.0, 5701.0 (number of hits: 7)
27	5510	9	1	333	1	5380.0, 5711.0, 5472.0, 5470.0, 5294.0, 5450.0, 5263.0, 5525.0, 5433.0, 5605.0, 5256.0, 5597.0, 5556.0, 5378.0, 5486.0, 5377.0, 5576.0, 5366.0, 5530.0, 5715.0, 5423.0, 5329.0, 5426.0, 5496.0, 5268.0, 5553.0, 5537.0, 5670.0, 5586.0, 5489.0, 5559.0, 5551.0, 5287.0, 5536.0, 5699.0, 5276.0, 5685.0, 5495.0, 5649.0, 5541.0, 5535.0, 5307.0, 5344.0, 5334.0, 5494.0, 5298.0, 5478.0, 5694.0, 5432.0, 5456.0, 5365.0, 5253.0, 5477.0, 5388.0, 5509.0, 5417.0, 5540.0, 5508.0, 5277.0, 5273.0, 5654.0, 5560.0, 5681.0, 5262.0, 5435.0, 5592.0, 5354.0, 5583.0, 5400.0, 5704.0, 5361.0, 5665.0, 5720.0, 5624.0, 5545.0, 5707.0, 5281.0, 5311.0, 5722.0, 5453.0, 5340.0, 5447.0, 5571.0, 5635.0, 5368.0, 5403.0, 5608.0, 5574.0, 5255.0, 5582.0, 5656.0, 5437.0, 5370.0, 5488.0, 5392.0, 5254.0, 5688.0, 5611.0, 5613.0, 5469.0 (number of hits: 6)
28	5510	9	1	333	1	5628.0, 5468.0, 5714.0, 5489.0, 5538.0, 5433.0, 5658.0, 5325.0, 5506.0, 5687.0, 5321.0, 5339.0, 5545.0, 5659.0, 5345.0, 5367.0, 5418.0, 5678.0, 5618.0, 5378.0, 5664.0, 5578.0, 5535.0, 5467.0, 5284.0, 5693.0, 5267.0, 5475.0, 5496.0, 5605.0, 5277.0, 5579.0, 5380.0, 5700.0, 5591.0, 5269.0, 5543.0, 5293.0, 5347.0, 5626.0, 5443.0, 5675.0, 5648.0, 5410.0, 5268.0, 5649.0, 5544.0, 5719.0, 5528.0, 5600.0, 5474.0, 5413.0, 5574.0, 5435.0, 5598.0, 5553.0, 5260.0, 5299.0, 5699.0, 5520.0, 5265.0, 5444.0, 5463.0, 5354.0, 5511.0, 5280.0, 5279.0, 5595.0, 5592.0, 5253.0, 5362.0, 5670.0, 5469.0, 5625.0, 5285.0, 5264.0, 5557.0, 5527.0, 5270.0, 5695.0, 5310.0, 5252.0, 5438.0, 5452.0, 5619.0,

						5708.0, 5513.0, 5309.0, 5393.0, 5262.0, 5491.0, 5290.0, 5401.0, 5283.0, 5392.0, 5593.0, 5681.0, 5263.0, 5621.0, 5561.0 (number of hits: 8)
29	5510	9	1	333	1	5702.0, 5279.0, 5700.0, 5555.0, 5613.0, 5617.0, 5278.0, 5469.0, 5686.0, 5276.0, 5265.0, 5585.0, 5351.0, 5396.0, 5389.0, 5507.0, 5444.0, 5281.0, 5703.0, 5694.0, 5317.0, 5629.0, 5320.0, 5489.0, 5633.0, 5664.0, 5574.0, 5599.0, 5715.0, 5511.0, 5681.0, 5665.0, 5493.0, 5451.0, 5331.0, 5427.0, 5455.0, 5554.0, 5381.0, 5272.0, 5499.0, 5297.0, 5459.0, 5429.0, 5498.0, 5569.0, 5467.0, 5310.0, 5250.0, 5600.0, 5697.0, 5590.0, 5283.0, 5559.0, 5650.0, 5353.0, 5457.0, 5512.0, 5263.0, 5626.0, 5293.0, 5486.0, 5666.0, 5621.0, 5339.0, 5343.0, 5264.0, 5688.0, 5292.0, 5301.0, 5570.0, 5478.0, 5532.0, 5452.0, 5433.0, 5350.0, 5369.0, 5508.0, 5380.0, 5608.0, 5299.0, 5256.0, 5306.0, 5513.0, 5337.0, 5290.0, 5390.0, 5291.0, 5564.0, 5537.0, 5491.0, 5258.0, 5410.0, 5654.0, 5506.0, 5413.0, 5619.0, 5307.0, 5483.0, 5678.0 (number of hits: 10)
30	5510	9	1	333	1	5435.0, 5568.0, 5432.0, 5426.0, 5539.0, 5365.0, 5329.0, 5477.0, 5704.0, 5551.0, 5662.0, 5338.0, 5349.0, 5357.0, 5364.0, 5404.0, 5564.0, 5314.0, 5327.0, 5597.0, 5367.0, 5636.0, 5401.0, 5284.0, 5647.0, 5347.0, 5456.0, 5654.0, 5480.0, 5541.0, 5487.0, 5414.0, 5444.0, 5488.0, 5637.0, 5293.0, 5659.0, 5619.0, 5462.0, 5259.0, 5420.0, 5676.0, 5362.0, 5481.0, 5378.0, 5423.0, 5615.0, 5709.0, 5634.0, 5452.0, 5455.0, 5374.0, 5614.0, 5489.0, 5536.0, 5285.0, 5448.0, 5678.0, 5335.0, 5381.0, 5671.0, 5277.0, 5514.0, 5699.0, 5648.0, 5466.0, 5681.0, 5372.0, 5441.0, 5275.0, 5345.0, 5276.0, 5344.0, 5690.0, 5603.0, 5433.0, 5308.0, 5720.0, 5457.0, 5413.0, 5458.0, 5496.0, 5653.0, 5465.0, 5474.0, 5438.0, 5509.0, 5348.0, 5405.0, 5354.0, 5583.0, 5529.0, 5698.0, 5337.0, 5380.0, 5621.0, 5715.0, 5521.0, 5273.0, 5643.0 (number of hits: 5)

5530 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	80 %	60%	Pass
Aggregate (Type1 to 4)	120	91.68 %	80%	Pass
Type 5	30	90 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5530 MHz, 80 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	89	1	598	1
2	5530	78	1	678	1
3	5530	92	1	578	1
4	5530	58	1	918	1
5	5530	102	1	518	1
6	5530	63	1	838	1
7	5530	59	1	898	1
8	5530	95	1	558	1
9	5530	62	1	858	1
10	5530	76	1	698	1
11	5530	81	1	658	1
12	5530	70	1	758	1
13	5530	18	1	3066	1
14	5530	65	1	818	1
15	5530	99	1	538	1
16	5530	18	1	2980	1
17	5530	47	1	1141	1
18	5530	24	1	2202	1
19	5530	55	1	977	1
20	5530	72	1	740	1
21	5530	40	1	1342	1
22	5530	26	1	2064	1
23	5530	30	1	1817	1
24	5530	21	1	2630	1
25	5530	32	1	1702	1
26	5530	20	1	2751	1
27	5530	20	1	2682	1
28	5530	31	1	1747	1
29	5530	23	1	2357	1
30	5530	83	1	636	1

Detection Percentage: 100 % (>60%)

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	23	4.3	172	1
2	5530	29	2	203	1
3	5530	25	1.1	162	1
4	5530	23	4.3	187	1
5	5530	25	2.7	186	1
6	5530	26	1.7	196	1
7	5530	25	3.4	211	1
8	5530	26	1.4	185	1
9	5530	26	4.2	216	1
10	5530	26	2.8	177	1
11	5530	23	1.4	166	1
12	5530	27	2.7	209	1
13	5530	27	2	169	1
14	5530	25	1.8	151	1
15	5530	23	4.3	167	1
16	5530	25	4.7	159	1
17	5530	23	1.1	226	1
18	5530	23	4.6	229	1
19	5530	24	3.1	190	1
20	5530	29	4.6	159	1
21	5530	26	1.1	167	1
22	5530	29	1	202	1
23	5530	29	2.5	163	1
24	5530	26	3.8	183	1
25	5530	23	3.2	168	1
26	5530	24	4.6	196	1
27	5530	24	2.7	210	1
28	5530	27	3	193	1
29	5530	26	3.7	183	1
30	5530	27	1.9	200	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	18	8.2	208	1
2	5530	18	7.8	293	1
3	5530	17	7.4	206	1
4	5530	18	9.7	474	1
5	5530	17	8	323	1
6	5530	18	6.9	349	1
7	5530	16	9.3	480	1
8	5530	16	8.5	209	1
9	5530	16	8.4	357	1
10	5530	18	6	240	0
11	5530	16	6	250	1
12	5530	18	9.4	325	1
13	5530	18	9.2	431	1
14	5530	18	7.1	424	1
15	5530	18	6	371	1
16	5530	17	8.5	379	1
17	5530	18	8.5	312	1
18	5530	17	6.5	308	1
19	5530	16	9.5	220	1
20	5530	17	6.3	352	0
21	5530	18	6.8	211	1
22	5530	16	7.1	271	1
23	5530	17	8.5	298	1
24	5530	18	7.5	323	1
25	5530	17	6.4	398	1
26	5530	18	6.6	415	1
27	5530	18	7.6	296	1
28	5530	16	6.6	463	0
29	5530	16	8.3	243	1
30	5530	16	9.7	494	0
Detection Percentage: 86.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	15	14.3	468	1
2	5530	15	11.8	456	0
3	5530	16	16.2	235	1
4	5530	15	19.7	232	1
5	5530	13	14.8	469	1
6	5530	15	12	209	1
7	5530	16	11.2	243	1
8	5530	12	14	342	1
9	5530	14	15.4	282	1
10	5530	16	19.7	267	1
11	5530	12	12	443	1
12	5530	12	19.4	200	1
13	5530	13	20	371	1
14	5530	14	19.1	268	1
15	5530	13	13.4	441	1
16	5530	12	19.1	237	0
17	5530	16	12.7	478	1
18	5530	16	16.6	394	1
19	5530	14	14.7	436	0
20	5530	13	11.1	365	1
21	5530	15	11.9	203	1
22	5530	14	14.2	352	0
23	5530	15	11.3	443	1
24	5530	12	14.4	429	1
25	5530	12	17.1	389	0
26	5530	15	17.2	416	1
27	5530	15	18.1	474	1
28	5530	16	12.1	378	1
29	5530	15	13.6	407	0
30	5530	13	14.6	466	1
Detection Percentage: 80 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5530	1
2	5530	1
3	5530	1
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	0
11	5494.0	1
12	5494.4	1
13	5494.0	1
14	5494.8	1
15	5497.6	0
16	5497.6	0
17	5497.6	1
18	5496.4	1
19	5497.2	1
20	5492.8	1
21	5564.8	1
22	5565.2	1
23	5562.0	1
24	5566.0	1
25	5564.8	1
26	5563.6	1
27	5568.0	1
28	5564.8	1
29	5565.6	1
30	5564.8	1
Detection Percentage: 90 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	84.6			0.481875	
1	3	12	72.5	1349	1494	1.314259	
2	2	12	67.1	1648		2.595721	
3	2	12	93	1815		2.788447	
4	2	12	54.2	1869		4.5353	
5	1	12	80.2			5.123057	
6	3	12	98.4	1609	1533	6.320288	1
7	2	12	62.5	1648		6.98823	
8	1	12	69			7.984102	
9	2	12	53.5	1358		8.432795	
10	2	12	83.4	1164		9.994303	
11	2	12	90.9	1582		10.564764	
12	2	12	66.9	1538		11.531858	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	94.6	1712		0.786769	
1	2	7	71	1380		1.403008	
2	2	7	79.4	1384		2.583984	
3	1	7	70			3.762126	
4	2	7	56.7	1300		4.945437	
5	2	7	70.7	1647		5.022163	
6	2	7	78.3	1460		6.005597	1
7	3	7	67.6	1686	1293	7.400063	
8	1	7	97.3			8.707956	
9	2	7	84.1	1409		9.170941	
10	2	7	52.9	1915		10.220307	
11	2	7	67.4	1246		11.258574	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	71.6	1562	1454	0.453615	
1	2	11	89	1736		1.127607	
2	3	11	72.7	1252	1229	2.283905	
3	1	11	64			3.154604	
4	2	11	62	1292		4.257188	
5	3	11	78	1017	1204	5.42274	
6	1	11	75.4			5.954154	1
7	3	11	78.6	1420	1799	7.06584	
8	2	11	96	1154		7.839612	
9	2	11	84.4	1158		8.549423	
10	2	11	74.5	1281		9.743867	
11	2	11	81.4	1101		10.572235	
12	3	11	51.5	1593	1800	11.110482	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	73	1803		0.189215	
1	1	10	94.7			0.903371	
2	2	10	80.3	1360		2.044659	
3	3	10	80.7	1997	1913	3.280709	
4	3	10	66.5	1116	1755	3.73423	
5	3	10	59.9	1886	1607	4.462886	
6	2	10	62.8	1233		5.681484	
7	2	10	64.1	1206		6.747746	1
8	3	10	90.3	1451	1161	7.146919	
9	3	10	56.3	1232	1406	7.961062	
10	2	10	51	1391		8.631756	
11	3	10	93.5	1118	1053	10.053864	
12	1	10	50.2			10.431006	
13	2	10	75.9	1581		11.388678	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	67.7	1585		0.157673	
1	3	13	59.5	1690	1141	1.456123	
2	2	13	62.3	1102		2.044716	
3	2	13	60.2	1429		2.566238	
4	1	13	69.9			3.345433	
5	1	13	96			3.761908	
6	1	13	85.4			4.736249	
7	3	13	53.7	1651	1073	5.533136	1
8	1	13	88.5			6.171498	
9	1	13	91.7			7.428219	
10	2	13	79.3	1141		7.907489	
11	3	13	71.4	1197	1430	8.421346	
12	1	13	50.8			9.175467	
13	3	13	56.5	1275	1171	9.77391	
14	2	13	62.7	1537		10.816925	
15	1	13	65.2			11.577243	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	82.1	1205		0.177732	
1	1	10	89.3			0.963519	
2	3	10	75.2	1218	1313	2.26415	
3	3	10	83.5	1055	1427	3.149079	
4	1	10	78.8			3.338354	
5	2	10	68.3	1563		4.641664	
6	2	10	99.1	1783		5.482862	
7	2	10	94.1	1648		6.250897	1
8	1	10	90.6			6.529383	
9	2	10	86.9	1851		7.414774	
10	3	10	91.2	1411	1433	8.103312	
11	3	10	65.6	1284	1602	9.35341	
12	2	10	64.2	1958		10.136925	
13	3	10	69.7	1726	1201	11.162821	
14	2	10	69.1	1103		11.405503	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	94.7			0.975916	
1	2	12	81.6	1292		2.115398	
2	2	12	56.1	1228		3.051011	
3	1	12	98.8			4.015969	
4	2	12	73.4	1981		6.562421	1
5	2	12	73.3	1086		7.137993	
6	2	12	50.8	1710		8.664892	
7	2	12	71.8	1393		9.81556	
8	1	12	93.6			11.643381	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	92	1598		0.64539	
1	2	16	67.9	1030		1.6123	
2	2	16	94.7	1831		1.901196	
3	2	16	56.5	1016		3.163821	
4	1	16	58.5			3.638955	
5	3	16	52	1874	1312	4.950342	
6	2	16	54.6	1406		5.940357	
7	2	16	56.7	1216		6.527106	1
8	2	16	96.6	1487		7.192682	
9	2	16	75.2	1536		8.53631	
10	3	16	69.8	1177	1711	9.183758	
11	2	16	60.6	1760		10.186195	
12	3	16	80.7	1246	1453	10.988034	
13	2	16	54.7	1598		11.880283	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	57	1253	1039	0.500592	
1	2	8	97.4	1473		0.784012	
2	1	8	50.1			1.516396	
3	1	8	50.6			2.049352	
4	1	8	64.6			2.711051	
5	3	8	77	1113	1579	3.366965	
6	1	8	55			4.192984	
7	2	8	88.9	1969		5.223927	
8	2	8	72.1	1076		5.902885	
9	1	8	57.4			6.124362	1
10	1	8	80.7			6.777653	
11	3	8	50.9	1371	1592	7.617896	
12	1	8	63.1			8.044446	
13	2	8	94	1223		8.841037	
14	3	8	73.8	1226	1421	9.480476	
15	1	8	74.1			10.36277	
16	1	8	70.2			10.824253	
17	1	8	74.5			11.59599	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	63.2	1922	1337	1.18713	
1	3	14	95.6	1811	1621	1.975151	
2	3	14	91.5	1025	1860	4.008267	
3	2	14	78.3	1318		5.798657	0
4	3	14	85.9	1144	1525	7.191035	
5	2	14	94.9	1926		7.52702	
6	2	14	65.8	1671		9.786023	
7	2	14	98.4	1390		11.511202	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	52.7	1053		1.087506	
1	2	10	66	1321		1.518426	
2	3	10	53	1391	1204	3.957184	
3	3	10	94	1694	1214	5.339387	
4	3	10	96.5	1441	1987	7.231876	0
5	2	10	51.2	1869		8.155371	
6	2	10	99	1922		9.263434	
7	2	10	56.8	1828		11.436039	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	57.3	1492		0.48067	
1	3	11	80.2	1958	1110	1.413866	
2	3	11	96.7	1241	1995	1.968011	
3	3	11	51.6	1084	1666	2.930217	
4	1	11	81.8			3.267676	
5	2	11	89.1	1701		4.699779	
6	2	11	51	1889		4.824458	
7	2	11	65.8	1673		6.063824	1
8	2	11	53.7	1004		7.145684	
9	1	11	98.1			7.49707	
10	3	11	97.7	1555	1945	8.117408	
11	3	11	81.7	1663	1996	9.443807	
12	1	11	65.7			9.888777	
13	3	11	69.9	1280	1511	10.682602	
14	2	11	79.8	1624		11.333888	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	94.3	1916		0.736566	
1	3	10	96.9	1500	1341	1.35503	
2	2	10	70.9	1889		2.769783	
3	2	10	64.9	1622		4.254088	
4	1	10	51.8			5.278549	
5	2	10	89.7	1190		5.519692	
6	3	10	90.4	1272	1216	7.483003	1
7	2	10	98	1729		8.721584	
8	1	10	61.8			9.166598	
9	3	10	79.3	1603	1161	10.296902	
10	2	10	79.9	1165		11.860257	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	56.1	1622		0.720076	
1	3	12	73.1	1537	1714	1.700327	
2	3	12	79.2	1774	1239	2.54452	
3	2	12	64.2	1368		3.308322	
4	2	12	95.1	1627		3.605359	
5	2	12	68	1953		4.445021	
6	2	12	51.3	1799		5.236957	
7	1	12	97.5			6.820174	1
8	2	12	71.8	1771		7.42865	
9	2	12	68.3	1340		7.987933	
10	3	12	99.6	1719	1282	8.819652	
11	2	12	73.5	1353		9.937293	
12	2	12	62.1	1938		11.09252	
13	3	12	79.7	1776	1286	11.172904	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	97	1659	1070	0.702347	
1	3	19	76.1	1199	1159	1.543235	
2	2	19	90.1	1413		2.957469	
3	1	19	50.1			4.185508	
4	1	19	88.4			4.655442	
5	2	19	90.8	1566		6.083651	0
6	2	19	88	1991		6.732496	
7	2	19	69.6	1472		7.878318	
8	1	19	60.6			9.240341	
9	2	19	62.7	1356		10.141479	
10	1	19	67.7			11.742381	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	73.4			0.205401	
1	1	19	74.3			1.629321	
2	2	19	74.3	1851		2.003631	
3	2	19	86.5	1205		3.573074	
4	1	19	68.9			4.063313	
5	2	19	75.6	1454		5.408941	0
6	2	19	77	1589		6.423164	
7	3	19	63.6	1121	1327	7.481593	
8	2	19	53.4	1188		8.991255	
9	2	19	51.4	1664		9.593102	
10	2	19	68.7	1936		10.403733	
11	2	19	80	1895		11.214109	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	80.1	1268		0.616262	
1	2	19	82.5	1652		1.401009	
2	2	19	85.3	1019		1.735974	
3	2	19	71	1781		2.915323	
4	2	19	67.5	1653		3.664288	
5	2	19	61.6	1565		3.855487	
6	2	19	66.3	1059		4.99696	
7	2	19	73.6	1092		5.92509	
8	3	19	97.2	1625	1550	6.272471	1
9	1	19	95.3			6.891525	
10	2	19	87.6	1230		7.886708	
11	2	19	92.8	1240		8.86698	
12	2	19	92.5	1641		9.40406	
13	3	19	77.1	1994	1661	9.819191	
14	2	19	58.5	1229		10.544947	
15	2	19	50.8	1692		11.404544	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	70.7	1648		0.793083	
1	3	16	50.2	1989	1392	1.400627	
2	1	16	71.6			2.503363	
3	2	16	81.1	1659		3.503402	
4	1	16	99.5			4.346695	
5	2	16	64.3	1281		5.370149	
6	2	16	68.2	1436		6.423704	1
7	1	16	95			7.35756	
8	1	16	64			8.223462	
9	1	16	72.8			8.872237	
10	1	16	87.3			9.567092	
11	1	16	58.3			10.467048	
12	2	16	56.6	1947		11.667796	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	68.7	1879		0.917665	
1	3	18	68.4	1416	1611	2.457844	
2	3	18	63	1862	1996	3.471904	
3	2	18	87.5	1414		5.22356	1
4	1	18	63			6.436526	
5	2	18	71.2	1863		8.96059	
6	1	18	84.7			10.084126	
7	1	18	55.7			11.682309	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	55.9	1861		0.050486	
1	2	7	91	1511		1.020492	
2	1	7	69.9			1.681364	
3	2	7	64.5	1455		2.333147	
4	3	7	79.5	1952	1030	2.975771	
5	3	7	63	1340	1009	3.037774	
6	2	7	70.7	1467		3.925874	
7	3	7	95.6	1909	1601	4.208419	
8	2	7	73.6	1385		5.184682	
9	1	7	90.8			5.793765	
10	2	7	58	1737		6.202826	1
11	2	7	91	1612		7.146937	
12	2	7	63.4	1862		7.274998	
13	2	7	57.1	1700		7.80208	
14	1	7	53.7			8.798362	
15	2	7	98.6	1825		9.346606	
16	3	7	85.9	1655	1488	10.024546	
17	1	7	59.2			10.570844	
18	3	7	53.3	1018	1016	10.807308	
19	3	7	73	1574	1005	11.758849	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	65.8	1507	1351	0.948275	
1	2	13	69.5	1511		1.637449	
2	2	13	78.1	1168		3.117705	
3	1	13	85.9			3.810841	
4	2	13	64.9	1616		4.481565	
5	3	13	58.5	1767	1845	6.11645	1
6	2	13	99	1786		7.002328	
7	1	13	55.7			8.432082	
8	2	13	70.9	1993		8.788404	
9	2	13	97.9	1535		10.320174	
10	2	13	92.9	1894		11.057093	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	78.9	1440	1842	0.457356	
1	3	12	90.7	1064	1401	1.11096	
2	2	12	76.1	1578		1.384901	
3	1	12	70.6			2.165238	
4	2	12	56.6	1834		2.93006	
5	1	12	67			3.276816	
6	2	12	70.8	1163		4.150144	
7	3	12	96.6	1229	1583	4.329561	
8	3	12	97.3	1183	1835	4.825895	
9	1	12	97.4			5.989666	1
10	2	12	77.5	1634		6.397293	
11	2	12	78.1	1499		6.613426	
12	2	12	79.5	1298		7.206481	
13	1	12	69.7			7.964638	
14	3	12	60.8	1708	1159	8.950133	
15	3	12	76	1580	1270	9.113451	
16	2	12	73.8	1694		9.946392	
17	2	12	92.5	1778		10.368032	
18	3	12	79.9	1663	1910	10.943322	
19	2	12	97.8	1905		11.691778	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	77.2			0.801386	
1	2	20	54.6	1985		1.426537	
2	2	20	74.5	1541		2.229269	
3	1	20	93.9			4.124277	
4	2	20	69.6	1034		4.679771	
5	2	20	66.3	1611		5.781722	1
6	3	20	51.4	1269	1115	7.249711	
7	3	20	90.5	1376	1957	7.827768	
8	2	20	78.4	1352		9.037183	
9	1	20	80.5			10.178728	
10	2	20	59.4	1071		11.715304	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	85.2	1582		0.62527	
1	1	10	67.1			1.430131	
2	3	10	77.4	1329	1490	2.237373	
3	2	10	55.7	1108		3.524871	
4	2	10	78.6	1151		4.038027	
5	3	10	82.5	1139	1496	4.870875	
6	2	10	64.9	1985		5.907985	1
7	2	10	54.9	1764		7.333969	
8	1	10	88			7.634151	
9	2	10	75.8	1018		8.620003	
10	1	10	89.4			10.033502	
11	2	10	70.5	1829		10.600854	
12	2	10	55.7	1239		11.661177	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	50.9	1856	1863	0.622233	
1	2	13	50.3	1425		1.035242	
2	2	13	97.2	1994		1.839634	
3	1	13	98.9			2.72961	
4	2	13	64.8	1880		3.350698	
5	1	13	78.5			4.003262	
6	2	13	71.3	1277		4.606897	
7	3	13	59.2	1911	1174	5.857487	
8	2	13	76.3	1183		6.285987	1
9	2	13	93	1539		7.26058	
10	1	13	71			7.656306	
11	2	13	88.5	1731		8.992878	
12	3	13	76	1328	1884	9.456044	
13	2	13	68.1	1966		9.970162	
14	2	13	56.9	1616		10.889595	
15	1	13	62.9			11.701652	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	78.8			0.174675	
1	2	16	88.3	1265		1.086438	
2	2	16	92.3	1209		2.146188	
3	2	16	68.9	1104		2.524958	
4	2	16	65.4	1551		3.598544	
5	2	16	92.4	1559		4.583981	
6	1	16	74			5.091777	
7	2	16	65.4	1661		6.37345	1
8	1	16	83.2			6.56293	
9	1	16	66.2			7.808388	
10	2	16	69.3	1092		8.253155	
11	2	16	75.4	1883		8.966846	
12	2	16	76.2	1678		10.072724	
13	2	16	57	1929		10.51346	
14	3	16	50.2	1337	1198	11.864188	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	53.3			0.0686	
1	3	5	79.4	1915	1710	1.27125	
2	3	5	76.2	1081	1986	2.537414	
3	2	5	86.5	1636		2.903484	
4	2	5	78.4	1846		3.771619	
5	2	5	96.6	1778		4.520465	
6	3	5	67	1062	1119	5.53731	
7	2	5	72	1411		6.394147	1
8	2	5	56.3	1570		6.981248	
9	1	5	52.6			8.508784	
10	2	5	95.9	1049		9.423949	
11	1	5	95.3			10.217982	
12	1	5	57.7			10.681745	
13	2	5	90.2	1454		11.643965	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	88.5			0.984022	
1	3	13	78.7	1613	1189	2.659841	
2	2	13	95.1	1439		3.655066	
3	2	13	55.6	1595		4.161951	
4	2	13	71.4	1263		6.514272	1
5	1	13	90.1			7.341451	
6	2	13	87.9	1661		8.679572	
7	2	13	79.7	1941		10.458123	
8	1	13	68.7			11.262411	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	72.6			0.687808	
1	1	11	97.8			0.958745	
2	2	11	72.1	1427		1.753959	
3	1	11	71.6			3.204944	
4	2	11	89	1925		3.942966	
5	1	11	85.5			4.765333	
6	2	11	81	1713		5.78697	
7	2	11	69.5	1381		6.46525	1
8	1	11	86.5			7.091853	
9	2	11	76.7	1371		7.826752	
10	2	11	93.3	1220		9.076313	
11	2	11	53.7	1450		9.970725	
12	1	11	50.9			10.456706	
13	2	11	92.6	1277		11.685598	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (μS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	76	1130		0.08431	
1	3	13	95.9	1861	1223	1.424346	
2	2	13	84.8	1341		3.39557	
3	1	13	91.7			4.44151	
4	2	13	99.4	1981		5.892242	
5	1	13	54.3			6.601725	1
6	3	13	61.4	1067	1172	8.036086	
7	3	13	96.5	1429	1070	8.968634	
8	1	13	90.8			10.294987	
9	1	13	57.1			10.946096	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530	9	1	333	1	5480.0, 5653.0, 5623.0, 5390.0, 5333.0, 5562.0, 5441.0, 5352.0, 5395.0, 5329.0, 5268.0, 5665.0, 5498.0, 5419.0, 5401.0, 5423.0, 5310.0, 5493.0, 5351.0, 5591.0, 5521.0, 5713.0, 5588.0, 5657.0, 5721.0, 5377.0, 5704.0, 5416.0, 5278.0, 5331.0, 5341.0, 5554.0, 5253.0, 5451.0, 5706.0, 5270.0, 5639.0, 5411.0, 5509.0, 5457.0, 5600.0, 5428.0, 5722.0, 5566.0, 5609.0, 5638.0, 5654.0, 5618.0, 5295.0, 5406.0, 5464.0, 5343.0, 5577.0, 5602.0, 5319.0, 5682.0, 5300.0, 5697.0, 5705.0, 5455.0, 5715.0, 5582.0, 5314.0, 5500.0, 5650.0, 5615.0, 5610.0, 5263.0, 5672.0, 5510.0, 5702.0, 5534.0, 5699.0, 5317.0, 5712.0, 5479.0, 5422.0, 5376.0, 5663.0, 5674.0, 5447.0, 5607.0, 5318.0, 5328.0, 5383.0, 5446.0, 5473.0, 5294.0, 5558.0, 5365.0, 5514.0, 5306.0, 5459.0, 5273.0, 5281.0, 5342.0, 5570.0, 5617.0, 5403.0, 5264.0 (number of hits: 12)
2	5530	9	1	333	1	5477.0, 5452.0, 5466.0, 5644.0, 5436.0, 5407.0, 5692.0, 5337.0, 5622.0, 5690.0, 5462.0, 5471.0, 5598.0, 5276.0, 5665.0, 5511.0, 5277.0, 5555.0, 5418.0, 5384.0, 5660.0, 5591.0, 5621.0, 5722.0, 5579.0, 5534.0, 5640.0, 5676.0, 5464.0, 5657.0, 5374.0, 5492.0, 5359.0, 5375.0, 5615.0, 5365.0, 5649.0, 5585.0, 5535.0, 5448.0, 5674.0, 5561.0, 5522.0, 5497.0, 5597.0, 5287.0, 5470.0, 5361.0, 5506.0, 5490.0, 5317.0, 5505.0, 5434.0, 5709.0, 5669.0, 5459.0, 5631.0, 5373.0, 5391.0, 5488.0, 5693.0, 5551.0, 5682.0, 5473.0, 5672.0, 5380.0, 5269.0, 5519.0, 5697.0, 5655.0, 5262.0, 5606.0, 5559.0, 5577.0, 5504.0, 5695.0, 5264.0, 5658.0, 5456.0, 5286.0, 5705.0, 5397.0, 5275.0, 5425.0, 5680.0, 5282.0, 5599.0, 5564.0, 5603.0, 5630.0, 5575.0, 5299.0, 5426.0, 5312.0, 5424.0, 5699.0, 5571.0, 5342.0, 5350.0, 5307.0 (number of hits: 16)
3	5530	9	1	333	1	5516.0, 5348.0, 5412.0, 5361.0, 5355.0, 5385.0, 5495.0, 5415.0, 5551.0, 5462.0, 5457.0, 5702.0, 5288.0, 5319.0, 5367.0, 5287.0, 5566.0, 5544.0, 5312.0, 5705.0, 5389.0, 5322.0, 5674.0, 5606.0, 5489.0, 5612.0, 5492.0, 5508.0, 5578.0, 5314.0, 5567.0, 5370.0, 5407.0, 5716.0, 5323.0, 5689.0, 5479.0, 5603.0, 5422.0, 5473.0, 5468.0, 5645.0, 5399.0, 5543.0, 5281.0, 5649.0, 5659.0, 5491.0, 5433.0, 5369.0, 5522.0, 5701.0, 5656.0, 5671.0, 5293.0,

						5401.0, 5707.0, 5717.0, 5266.0, 5253.0, 5525.0, 5417.0, 5264.0, 5618.0, 5677.0, 5622.0, 5469.0, 5662.0, 5570.0, 5419.0, 5435.0, 5552.0, 5607.0, 5505.0, 5301.0, 5484.0, 5531.0, 5660.0, 5256.0, 5589.0, 5343.0, 5654.0, 5686.0, 5538.0, 5453.0, 5558.0, 5515.0, 5321.0, 5376.0, 5452.0, 5439.0, 5338.0, 5286.0, 5506.0, 5357.0, 5465.0, 5340.0, 5390.0, 5602.0, 5694.0 (number of hits: 19)
4	5530	9	1	333	1	5579.0, 5601.0, 5263.0, 5538.0, 5706.0, 5702.0, 5285.0, 5269.0, 5427.0, 5666.0, 5275.0, 5564.0, 5632.0, 5643.0, 5387.0, 5609.0, 5416.0, 5355.0, 5420.0, 5509.0, 5309.0, 5439.0, 5403.0, 5401.0, 5432.0, 5647.0, 5388.0, 5325.0, 5657.0, 5274.0, 5605.0, 5720.0, 5684.0, 5385.0, 5426.0, 5381.0, 5251.0, 5431.0, 5562.0, 5497.0, 5386.0, 5559.0, 5517.0, 5705.0, 5365.0, 5258.0, 5704.0, 5370.0, 5521.0, 5615.0, 5257.0, 5410.0, 5460.0, 5652.0, 5721.0, 5575.0, 5362.0, 5361.0, 5443.0, 5512.0, 5685.0, 5696.0, 5254.0, 5468.0, 5586.0, 5272.0, 5498.0, 5352.0, 5566.0, 5300.0, 5614.0, 5659.0, 5674.0, 5414.0, 5390.0, 5631.0, 5672.0, 5622.0, 5536.0, 5394.0, 5277.0, 5500.0, 5315.0, 5293.0, 5290.0, 5548.0, 5518.0, 5718.0, 5297.0, 5502.0, 5597.0, 5598.0, 5455.0, 5448.0, 5490.0, 5534.0, 5467.0, 5508.0, 5537.0, 5329.0 (number of hits: 20)
5	5530	9	1	333	1	5575.0, 5688.0, 5451.0, 5363.0, 5383.0, 5650.0, 5424.0, 5488.0, 5561.0, 5443.0, 5315.0, 5606.0, 5515.0, 5720.0, 5463.0, 5604.0, 5545.0, 5646.0, 5414.0, 5372.0, 5719.0, 5633.0, 5411.0, 5524.0, 5392.0, 5612.0, 5523.0, 5454.0, 5692.0, 5723.0, 5393.0, 5479.0, 5359.0, 5630.0, 5402.0, 5382.0, 5555.0, 5639.0, 5312.0, 5346.0, 5702.0, 5406.0, 5704.0, 5685.0, 5593.0, 5491.0, 5403.0, 5564.0, 5687.0, 5313.0, 5641.0, 5655.0, 5343.0, 5566.0, 5438.0, 5428.0, 5582.0, 5525.0, 5486.0, 5276.0, 5703.0, 5574.0, 5695.0, 5260.0, 5295.0, 5572.0, 5567.0, 5674.0, 5648.0, 5658.0, 5446.0, 5373.0, 5475.0, 5321.0, 5724.0, 5307.0, 5698.0, 5388.0, 5509.0, 5435.0, 5536.0, 5538.0, 5605.0, 5501.0, 5294.0, 5426.0, 5711.0, 5477.0, 5460.0, 5263.0, 5665.0, 5527.0, 5516.0, 5539.0, 5289.0, 5557.0, 5375.0, 5325.0, 5470.0, 5495.0 (number of hits: 20)
6	5530	9	1	333	1	5317.0, 5518.0, 5476.0, 5323.0, 5420.0, 5647.0, 5706.0, 5454.0, 5670.0, 5666.0, 5669.0, 5568.0, 5356.0, 5269.0, 5386.0, 5596.0, 5573.0, 5368.0, 5602.0, 5365.0, 5425.0, 5270.0, 5583.0, 5626.0, 5399.0, 5560.0, 5421.0, 5493.0, 5308.0, 5452.0, 5352.0, 5547.0, 5655.0, 5271.0, 5347.0,

						5277.0, 5272.0, 5504.0, 5618.0, 5545.0, 5589.0, 5259.0, 5264.0, 5554.0, 5479.0, 5494.0, 5367.0, 5268.0, 5324.0, 5717.0, 5417.0, 5465.0, 5346.0, 5302.0, 5320.0, 5412.0, 5361.0, 5539.0, 5257.0, 5599.0, 5615.0, 5387.0, 5711.0, 5443.0, 5534.0, 5716.0, 5336.0, 5327.0, 5505.0, 5251.0, 5459.0, 5294.0, 5278.0, 5496.0, 5695.0, 5567.0, 5391.0, 5595.0, 5410.0, 5475.0, 5467.0, 5300.0, 5523.0, 5548.0, 5497.0, 5512.0, 5325.0, 5639.0, 5687.0, 5690.0, 5710.0, 5444.0, 5586.0, 5678.0, 5611.0, 5334.0, 5537.0, 5581.0, 5447.0, 5285.0 (number of hits: 19)
7	5530	9	1	333	1	5546.0, 5467.0, 5459.0, 5529.0, 5684.0, 5266.0, 5408.0, 5394.0, 5423.0, 5361.0, 5629.0, 5603.0, 5597.0, 5414.0, 5516.0, 5610.0, 5499.0, 5661.0, 5664.0, 5582.0, 5370.0, 5698.0, 5432.0, 5456.0, 5371.0, 5617.0, 5566.0, 5630.0, 5625.0, 5264.0, 5614.0, 5567.0, 5523.0, 5645.0, 5478.0, 5438.0, 5498.0, 5309.0, 5254.0, 5345.0, 5321.0, 5373.0, 5343.0, 5575.0, 5451.0, 5618.0, 5285.0, 5433.0, 5506.0, 5303.0, 5634.0, 5411.0, 5288.0, 5611.0, 5519.0, 5615.0, 5434.0, 5647.0, 5316.0, 5441.0, 5428.0, 5380.0, 5721.0, 5298.0, 5640.0, 5293.0, 5281.0, 5578.0, 5644.0, 5619.0, 5277.0, 5320.0, 5308.0, 5327.0, 5279.0, 5384.0, 5508.0, 5340.0, 5482.0, 5354.0, 5486.0, 5714.0, 5310.0, 5270.0, 5485.0, 5701.0, 5333.0, 5604.0, 5500.0, 5251.0, 5631.0, 5540.0, 5608.0, 5685.0, 5480.0, 5598.0, 5418.0, 5436.0, 5522.0, 5262.0 (number of hits: 14)
8	5530	9	1	333	1	5318.0, 5275.0, 5307.0, 5640.0, 5431.0, 5306.0, 5393.0, 5616.0, 5404.0, 5539.0, 5543.0, 5411.0, 5292.0, 5342.0, 5412.0, 5320.0, 5406.0, 5394.0, 5661.0, 5261.0, 5260.0, 5461.0, 5385.0, 5694.0, 5644.0, 5542.0, 5254.0, 5580.0, 5664.0, 5298.0, 5600.0, 5484.0, 5666.0, 5449.0, 5494.0, 5553.0, 5601.0, 5448.0, 5701.0, 5562.0, 5345.0, 5521.0, 5504.0, 5677.0, 5599.0, 5714.0, 5683.0, 5688.0, 5334.0, 5450.0, 5523.0, 5281.0, 5671.0, 5360.0, 5445.0, 5384.0, 5482.0, 5483.0, 5555.0, 5352.0, 5713.0, 5577.0, 5473.0, 5511.0, 5408.0, 5674.0, 5502.0, 5609.0, 5633.0, 5558.0, 5691.0, 5673.0, 5428.0, 5595.0, 5305.0, 5363.0, 5662.0, 5712.0, 5308.0, 5414.0, 5638.0, 5419.0, 5369.0, 5291.0, 5587.0, 5612.0, 5349.0, 5396.0, 5323.0, 5451.0, 5488.0, 5680.0, 5569.0, 5442.0, 5333.0, 5432.0, 5339.0, 5658.0, 5462.0, 5667.0 (number of hits: 14)
9	5530	9	1	333	1	5446.0, 5660.0, 5643.0, 5552.0, 5605.0, 5459.0, 5435.0, 5288.0, 5332.0, 5656.0, 5701.0, 5700.0, 5300.0, 5480.0, 5658.0,

						5649.0, 5491.0, 5522.0, 5651.0, 5642.0, 5379.0, 5694.0, 5571.0, 5676.0, 5713.0, 5542.0, 5437.0, 5324.0, 5680.0, 5395.0, 5365.0, 5599.0, 5610.0, 5648.0, 5573.0, 5496.0, 5625.0, 5612.0, 5409.0, 5469.0, 5356.0, 5429.0, 5666.0, 5722.0, 5652.0, 5695.0, 5506.0, 5382.0, 5669.0, 5555.0, 5255.0, 5387.0, 5467.0, 5453.0, 5371.0, 5489.0, 5432.0, 5315.0, 5346.0, 5532.0, 5608.0, 5576.0, 5328.0, 5517.0, 5370.0, 5352.0, 5383.0, 5291.0, 5340.0, 5644.0, 5415.0, 5326.0, 5607.0, 5673.0, 5551.0, 5414.0, 5474.0, 5614.0, 5330.0, 5374.0, 5367.0, 5347.0, 5585.0, 5270.0, 5336.0, 5549.0, 5366.0, 5344.0, 5362.0, 5633.0, 5575.0, 5541.0, 5304.0, 5342.0, 5523.0, 5443.0, 5355.0, 5334.0, 5272.0, 5692.0 (number of hits: 13)
10	5530	9	1	333	1	5342.0, 5707.0, 5394.0, 5299.0, 5470.0, 5509.0, 5510.0, 5401.0, 5291.0, 5319.0, 5514.0, 5524.0, 5305.0, 5373.0, 5341.0, 5685.0, 5306.0, 5369.0, 5499.0, 5465.0, 5352.0, 5433.0, 5347.0, 5259.0, 5712.0, 5705.0, 5298.0, 5520.0, 5615.0, 5593.0, 5614.0, 5657.0, 5722.0, 5666.0, 5398.0, 5362.0, 5635.0, 5605.0, 5254.0, 5473.0, 5469.0, 5423.0, 5443.0, 5606.0, 5523.0, 5474.0, 5575.0, 5271.0, 5267.0, 5502.0, 5601.0, 5444.0, 5281.0, 5428.0, 5633.0, 5430.0, 5715.0, 5497.0, 5584.0, 5318.0, 5585.0, 5339.0, 5282.0, 5711.0, 5697.0, 5624.0, 5310.0, 5505.0, 5314.0, 5300.0, 5327.0, 5684.0, 5376.0, 5652.0, 5358.0, 5645.0, 5366.0, 5594.0, 5364.0, 5292.0, 5693.0, 5590.0, 5316.0, 5294.0, 5721.0, 5578.0, 5307.0, 5354.0, 5555.0, 5627.0, 5573.0, 5384.0, 5420.0, 5312.0, 5484.0, 5330.0, 5265.0, 5277.0, 5361.0, 5551.0 (number of hits: 12)
11	5530	9	1	333	1	5389.0, 5304.0, 5534.0, 5478.0, 5337.0, 5458.0, 5486.0, 5586.0, 5256.0, 5526.0, 5346.0, 5649.0, 5648.0, 5441.0, 5584.0, 5618.0, 5574.0, 5711.0, 5495.0, 5698.0, 5565.0, 5474.0, 5352.0, 5400.0, 5341.0, 5257.0, 5340.0, 5333.0, 5265.0, 5523.0, 5673.0, 5620.0, 5330.0, 5490.0, 5335.0, 5263.0, 5394.0, 5393.0, 5457.0, 5356.0, 5557.0, 5602.0, 5614.0, 5293.0, 5680.0, 5406.0, 5408.0, 5667.0, 5644.0, 5684.0, 5562.0, 5550.0, 5706.0, 5416.0, 5324.0, 5657.0, 5496.0, 5312.0, 5605.0, 5627.0, 5581.0, 5619.0, 5349.0, 5471.0, 5327.0, 5319.0, 5355.0, 5701.0, 5282.0, 5502.0, 5655.0, 5497.0, 5338.0, 5510.0, 5548.0, 5391.0, 5491.0, 5377.0, 5296.0, 5342.0, 5720.0, 5596.0, 5704.0, 5512.0, 5372.0, 5470.0, 5515.0, 5410.0, 5325.0, 5477.0, 5359.0, 5398.0, 5350.0, 5351.0, 5481.0, 5499.0, 5696.0, 5492.0, 5580.0, 5607.0

						(number of hits: 19)
12	5530	9	1	333	1	5685.0, 5381.0, 5717.0, 5384.0, 5354.0, 5628.0, 5670.0, 5572.0, 5432.0, 5277.0, 5630.0, 5419.0, 5296.0, 5416.0, 5559.0, 5711.0, 5378.0, 5617.0, 5258.0, 5688.0, 5721.0, 5285.0, 5514.0, 5404.0, 5412.0, 5631.0, 5479.0, 5535.0, 5694.0, 5497.0, 5478.0, 5682.0, 5636.0, 5323.0, 5622.0, 5657.0, 5299.0, 5565.0, 5284.0, 5716.0, 5287.0, 5543.0, 5368.0, 5601.0, 5722.0, 5499.0, 5301.0, 5530.0, 5590.0, 5570.0, 5544.0, 5496.0, 5338.0, 5342.0, 5350.0, 5494.0, 5557.0, 5418.0, 5502.0, 5707.0, 5367.0, 5351.0, 5377.0, 5586.0, 5463.0, 5490.0, 5626.0, 5402.0, 5715.0, 5486.0, 5405.0, 5527.0, 5465.0, 5619.0, 5710.0, 5441.0, 5401.0, 5339.0, 5624.0, 5390.0, 5263.0, 5525.0, 5398.0, 5616.0, 5651.0, 5480.0, 5254.0, 5510.0, 5269.0, 5607.0, 5316.0, 5359.0, 5265.0, 5380.0, 5331.0, 5610.0, 5574.0, 5655.0, 5417.0, 5356.0
						(number of hits: 17)
13	5530	9	1	333	1	5570.0, 5356.0, 5482.0, 5496.0, 5671.0, 5307.0, 5384.0, 5277.0, 5644.0, 5343.0, 5270.0, 5322.0, 5308.0, 5626.0, 5364.0, 5639.0, 5391.0, 5381.0, 5702.0, 5654.0, 5418.0, 5713.0, 5465.0, 5409.0, 5413.0, 5367.0, 5497.0, 5327.0, 5332.0, 5661.0, 5710.0, 5269.0, 5423.0, 5340.0, 5663.0, 5665.0, 5627.0, 5554.0, 5541.0, 5513.0, 5292.0, 5353.0, 5398.0, 5469.0, 5683.0, 5476.0, 5329.0, 5323.0, 5553.0, 5331.0, 5684.0, 5387.0, 5534.0, 5709.0, 5557.0, 5372.0, 5492.0, 5457.0, 5573.0, 5678.0, 5689.0, 5637.0, 5521.0, 5495.0, 5682.0, 5344.0, 5264.0, 5434.0, 5721.0, 5717.0, 5437.0, 5419.0, 5309.0, 5436.0, 5594.0, 5487.0, 5527.0, 5696.0, 5295.0, 5703.0, 5607.0, 5525.0, 5545.0, 5408.0, 5350.0, 5512.0, 5424.0, 5560.0, 5293.0, 5310.0, 5313.0, 5584.0, 5448.0, 5314.0, 5634.0, 5435.0, 5575.0, 5321.0, 5369.0, 5660.0
						(number of hits: 16)
14	5530	9	1	333	1	5583.0, 5532.0, 5339.0, 5266.0, 5306.0, 5393.0, 5430.0, 5447.0, 5350.0, 5547.0, 5626.0, 5619.0, 5540.0, 5497.0, 5482.0, 5457.0, 5410.0, 5551.0, 5395.0, 5367.0, 5321.0, 5603.0, 5284.0, 5665.0, 5257.0, 5651.0, 5536.0, 5315.0, 5558.0, 5499.0, 5531.0, 5696.0, 5579.0, 5642.0, 5686.0, 5648.0, 5255.0, 5348.0, 5639.0, 5325.0, 5609.0, 5473.0, 5283.0, 5292.0, 5451.0, 5581.0, 5297.0, 5448.0, 5667.0, 5300.0, 5616.0, 5555.0, 5654.0, 5488.0, 5331.0, 5666.0, 5279.0, 5689.0, 5608.0, 5589.0, 5309.0, 5409.0, 5253.0, 5630.0, 5617.0, 5662.0, 5541.0, 5459.0, 5604.0, 5601.0, 5656.0, 5391.0, 5523.0, 5429.0, 5698.0, 5659.0, 5453.0, 5356.0, 5434.0, 5621.0,

						5365.0, 5676.0, 5329.0, 5442.0, 5705.0, 5522.0, 5717.0, 5674.0, 5624.0, 5403.0, 5277.0, 5521.0, 5423.0, 5385.0, 5677.0, 5684.0, 5560.0, 5443.0, 5681.0, 5383.0 (number of hits: 15)
15	5530	9	1	333	1	5526.0, 5360.0, 5387.0, 5278.0, 5597.0, 5711.0, 5318.0, 5674.0, 5541.0, 5366.0, 5582.0, 5454.0, 5486.0, 5626.0, 5619.0, 5722.0, 5508.0, 5432.0, 5364.0, 5418.0, 5433.0, 5385.0, 5472.0, 5351.0, 5372.0, 5536.0, 5431.0, 5633.0, 5528.0, 5410.0, 5580.0, 5469.0, 5275.0, 5330.0, 5656.0, 5579.0, 5565.0, 5268.0, 5271.0, 5425.0, 5538.0, 5599.0, 5356.0, 5434.0, 5321.0, 5251.0, 5719.0, 5586.0, 5400.0, 5375.0, 5531.0, 5646.0, 5344.0, 5273.0, 5681.0, 5664.0, 5389.0, 5545.0, 5368.0, 5407.0, 5682.0, 5507.0, 5677.0, 5652.0, 5395.0, 5697.0, 5439.0, 5643.0, 5412.0, 5369.0, 5297.0, 5459.0, 5451.0, 5685.0, 5571.0, 5466.0, 5540.0, 5335.0, 5282.0, 5585.0, 5371.0, 5563.0, 5592.0, 5465.0, 5444.0, 5324.0, 5424.0, 5594.0, 5414.0, 5481.0, 5446.0, 5363.0, 5603.0, 5692.0, 5676.0, 5666.0, 5269.0, 5690.0, 5476.0, 5287.0 (number of hits: 12)
16	5530	9	1	333	1	5416.0, 5257.0, 5374.0, 5411.0, 5509.0, 5361.0, 5332.0, 5678.0, 5559.0, 5270.0, 5402.0, 5693.0, 5601.0, 5590.0, 5421.0, 5376.0, 5459.0, 5719.0, 5373.0, 5297.0, 5612.0, 5547.0, 5709.0, 5629.0, 5329.0, 5544.0, 5695.0, 5471.0, 5363.0, 5395.0, 5494.0, 5689.0, 5412.0, 5568.0, 5507.0, 5611.0, 5273.0, 5599.0, 5289.0, 5617.0, 5622.0, 5311.0, 5691.0, 5470.0, 5379.0, 5608.0, 5308.0, 5538.0, 5428.0, 5427.0, 5392.0, 5632.0, 5510.0, 5497.0, 5369.0, 5250.0, 5613.0, 5663.0, 5403.0, 5337.0, 5558.0, 5587.0, 5690.0, 5658.0, 5580.0, 5638.0, 5539.0, 5551.0, 5687.0, 5688.0, 5338.0, 5352.0, 5288.0, 5644.0, 5627.0, 5620.0, 5457.0, 5420.0, 5330.0, 5318.0, 5562.0, 5585.0, 5292.0, 5453.0, 5711.0, 5640.0, 5336.0, 5436.0, 5460.0, 5388.0, 5554.0, 5651.0, 5267.0, 5526.0, 5320.0, 5506.0, 5375.0, 5717.0, 5556.0, 5535.0 (number of hits: 19)
17	5530	9	1	333	1	5520.0, 5369.0, 5287.0, 5432.0, 5342.0, 5273.0, 5464.0, 5547.0, 5538.0, 5319.0, 5642.0, 5674.0, 5410.0, 5523.0, 5289.0, 5264.0, 5644.0, 5670.0, 5568.0, 5609.0, 5400.0, 5526.0, 5651.0, 5627.0, 5611.0, 5484.0, 5717.0, 5624.0, 5516.0, 5426.0, 5405.0, 5255.0, 5333.0, 5456.0, 5318.0, 5461.0, 5720.0, 5506.0, 5575.0, 5433.0, 5398.0, 5361.0, 5266.0, 5548.0, 5283.0, 5587.0, 5424.0, 5519.0, 5427.0, 5513.0, 5706.0, 5672.0, 5696.0, 5362.0, 5649.0, 5659.0, 5714.0, 5481.0, 5493.0, 5415.0,

						5679.0, 5673.0, 5680.0, 5549.0, 5598.0, 5256.0, 5402.0, 5350.0, 5637.0, 5376.0, 5662.0, 5676.0, 5275.0, 5430.0, 5458.0, 5463.0, 5665.0, 5324.0, 5562.0, 5668.0, 5593.0, 5643.0, 5474.0, 5596.0, 5638.0, 5528.0, 5648.0, 5512.0, 5380.0, 5617.0, 5284.0, 5661.0, 5335.0, 5683.0, 5270.0, 5396.0, 5308.0, 5486.0, 5641.0, 5699.0 (number of hits: 16)
18	5530	9	1	333	1	5403.0, 5442.0, 5458.0, 5491.0, 5357.0, 5470.0, 5539.0, 5499.0, 5681.0, 5359.0, 5285.0, 5308.0, 5284.0, 5475.0, 5417.0, 5496.0, 5482.0, 5716.0, 5301.0, 5399.0, 5568.0, 5702.0, 5581.0, 5443.0, 5633.0, 5628.0, 5292.0, 5619.0, 5657.0, 5266.0, 5344.0, 5648.0, 5412.0, 5354.0, 5450.0, 5576.0, 5302.0, 5679.0, 5404.0, 5268.0, 5548.0, 5646.0, 5352.0, 5506.0, 5569.0, 5339.0, 5545.0, 5672.0, 5529.0, 5572.0, 5353.0, 5464.0, 5658.0, 5591.0, 5562.0, 5492.0, 5563.0, 5347.0, 5521.0, 5402.0, 5279.0, 5490.0, 5257.0, 5504.0, 5630.0, 5617.0, 5615.0, 5502.0, 5592.0, 5647.0, 5522.0, 5719.0, 5534.0, 5485.0, 5409.0, 5271.0, 5570.0, 5699.0, 5434.0, 5609.0, 5307.0, 5599.0, 5530.0, 5303.0, 5651.0, 5715.0, 5427.0, 5611.0, 5392.0, 5555.0, 5385.0, 5306.0, 5396.0, 5508.0, 5315.0, 5281.0, 5428.0, 5649.0, 5693.0, 5493.0 (number of hits: 23)
19	5530	9	1	333	1	5566.0, 5571.0, 5659.0, 5336.0, 5341.0, 5381.0, 5612.0, 5498.0, 5608.0, 5633.0, 5680.0, 5431.0, 5567.0, 5512.0, 5359.0, 5335.0, 5453.0, 5371.0, 5446.0, 5262.0, 5622.0, 5552.0, 5437.0, 5439.0, 5614.0, 5615.0, 5609.0, 5518.0, 5523.0, 5700.0, 5546.0, 5650.0, 5310.0, 5585.0, 5637.0, 5653.0, 5499.0, 5703.0, 5632.0, 5685.0, 5398.0, 5721.0, 5468.0, 5535.0, 5346.0, 5412.0, 5304.0, 5485.0, 5467.0, 5554.0, 5627.0, 5301.0, 5709.0, 5466.0, 5580.0, 5343.0, 5409.0, 5557.0, 5664.0, 5316.0, 5573.0, 5643.0, 5390.0, 5272.0, 5597.0, 5621.0, 5668.0, 5382.0, 5291.0, 5556.0, 5326.0, 5515.0, 5594.0, 5420.0, 5266.0, 5605.0, 5577.0, 5497.0, 5694.0, 5300.0, 5705.0, 5403.0, 5509.0, 5286.0, 5338.0, 5501.0, 5404.0, 5452.0, 5678.0, 5500.0, 5590.0, 5603.0, 5559.0, 5292.0, 5630.0, 5399.0, 5532.0, 5476.0, 5677.0, 5349.0 (number of hits: 20)
20	5530	9	1	333	1	5562.0, 5593.0, 5402.0, 5510.0, 5310.0, 5275.0, 5518.0, 5505.0, 5627.0, 5421.0, 5521.0, 5549.0, 5519.0, 5527.0, 5395.0, 5482.0, 5367.0, 5626.0, 5679.0, 5309.0, 5443.0, 5430.0, 5372.0, 5415.0, 5656.0, 5642.0, 5633.0, 5452.0, 5539.0, 5618.0, 5616.0, 5376.0, 5589.0, 5405.0, 5303.0, 5591.0, 5316.0, 5678.0, 5570.0, 5417.0,

						5560.0, 5406.0, 5454.0, 5321.0, 5554.0, 5313.0, 5715.0, 5680.0, 5573.0, 5386.0, 5284.0, 5369.0, 5479.0, 5401.0, 5660.0, 5646.0, 5499.0, 5491.0, 5269.0, 5531.0, 5360.0, 5436.0, 5440.0, 5522.0, 5543.0, 5457.0, 5624.0, 5534.0, 5480.0, 5455.0, 5636.0, 5287.0, 5362.0, 5291.0, 5254.0, 5536.0, 5665.0, 5556.0, 5649.0, 5588.0, 5672.0, 5681.0, 5276.0, 5585.0, 5332.0, 5260.0, 5298.0, 5305.0, 5704.0, 5281.0, 5458.0, 5577.0, 5572.0, 5294.0, 5532.0, 5448.0, 5412.0, 5394.0, 5657.0, 5381.0 (number of hits: 20)
21	5530	9	1	333	1	5577.0, 5390.0, 5558.0, 5381.0, 5651.0, 5718.0, 5539.0, 5314.0, 5682.0, 5499.0, 5383.0, 5358.0, 5363.0, 5699.0, 5290.0, 5646.0, 5709.0, 5644.0, 5272.0, 5332.0, 5309.0, 5483.0, 5291.0, 5719.0, 5327.0, 5581.0, 5600.0, 5571.0, 5484.0, 5410.0, 5710.0, 5406.0, 5641.0, 5667.0, 5586.0, 5348.0, 5628.0, 5453.0, 5440.0, 5273.0, 5378.0, 5468.0, 5508.0, 5519.0, 5704.0, 5657.0, 5282.0, 5623.0, 5417.0, 5723.0, 5274.0, 5514.0, 5379.0, 5580.0, 5436.0, 5422.0, 5441.0, 5619.0, 5698.0, 5574.0, 5680.0, 5485.0, 5307.0, 5521.0, 5447.0, 5706.0, 5425.0, 5389.0, 5458.0, 5617.0, 5687.0, 5393.0, 5413.0, 5547.0, 5579.0, 5541.0, 5689.0, 5627.0, 5340.0, 5418.0, 5532.0, 5345.0, 5306.0, 5271.0, 5369.0, 5707.0, 5373.0, 5637.0, 5545.0, 5300.0, 5409.0, 5636.0, 5700.0, 5481.0, 5527.0, 5691.0, 5295.0, 5567.0, 5462.0, 5260.0 (number of hits: 13)
22	5530	9	1	333	1	5593.0, 5637.0, 5683.0, 5311.0, 5421.0, 5469.0, 5553.0, 5270.0, 5427.0, 5548.0, 5641.0, 5659.0, 5426.0, 5563.0, 5549.0, 5667.0, 5512.0, 5568.0, 5428.0, 5303.0, 5716.0, 5400.0, 5586.0, 5318.0, 5552.0, 5498.0, 5591.0, 5700.0, 5662.0, 5260.0, 5717.0, 5625.0, 5495.0, 5397.0, 5366.0, 5288.0, 5524.0, 5291.0, 5285.0, 5561.0, 5255.0, 5423.0, 5283.0, 5510.0, 5280.0, 5610.0, 5660.0, 5622.0, 5485.0, 5522.0, 5339.0, 5293.0, 5587.0, 5528.0, 5374.0, 5685.0, 5454.0, 5372.0, 5479.0, 5398.0, 5347.0, 5336.0, 5346.0, 5650.0, 5274.0, 5435.0, 5598.0, 5377.0, 5378.0, 5529.0, 5557.0, 5542.0, 5715.0, 5515.0, 5555.0, 5532.0, 5584.0, 5388.0, 5509.0, 5680.0, 5619.0, 5564.0, 5296.0, 5518.0, 5581.0, 5724.0, 5629.0, 5655.0, 5301.0, 5408.0, 5702.0, 5357.0, 5545.0, 5697.0, 5521.0, 5541.0, 5475.0, 5654.0, 5316.0, 5319.0 (number of hits: 26)
23	5530	9	1	333	1	5466.0, 5409.0, 5611.0, 5535.0, 5567.0, 5591.0, 5683.0, 5301.0, 5621.0, 5363.0, 5633.0, 5509.0, 5441.0, 5381.0, 5579.0, 5493.0, 5551.0, 5713.0, 5549.0, 5252.0,

						5658.0, 5540.0, 5368.0, 5317.0, 5588.0, 5570.0, 5488.0, 5537.0, 5565.0, 5339.0, 5627.0, 5620.0, 5275.0, 5589.0, 5380.0, 5626.0, 5327.0, 5649.0, 5257.0, 5689.0, 5679.0, 5406.0, 5529.0, 5462.0, 5590.0, 5601.0, 5478.0, 5510.0, 5515.0, 5408.0, 5294.0, 5276.0, 5477.0, 5696.0, 5376.0, 5714.0, 5710.0, 5374.0, 5347.0, 5297.0, 5366.0, 5383.0, 5525.0, 5524.0, 5592.0, 5722.0, 5659.0, 5273.0, 5718.0, 5473.0, 5677.0, 5413.0, 5418.0, 5390.0, 5665.0, 5533.0, 5586.0, 5320.0, 5527.0, 5336.0, 5600.0, 5447.0, 5625.0, 5672.0, 5345.0, 5438.0, 5375.0, 5446.0, 5299.0, 5638.0, 5377.0, 5513.0, 5334.0, 5410.0, 5603.0, 5449.0, 5616.0, 5604.0, 5521.0, 5322.0 (number of hits: 18)
24	5530	9	1	333	1	5590.0, 5697.0, 5428.0, 5430.0, 5554.0, 5448.0, 5707.0, 5373.0, 5287.0, 5370.0, 5702.0, 5705.0, 5295.0, 5346.0, 5523.0, 5714.0, 5310.0, 5335.0, 5516.0, 5593.0, 5592.0, 5352.0, 5269.0, 5482.0, 5442.0, 5250.0, 5270.0, 5458.0, 5526.0, 5601.0, 5669.0, 5252.0, 5336.0, 5340.0, 5376.0, 5365.0, 5717.0, 5580.0, 5625.0, 5700.0, 5614.0, 5303.0, 5563.0, 5542.0, 5684.0, 5364.0, 5368.0, 5616.0, 5386.0, 5720.0, 5677.0, 5588.0, 5463.0, 5411.0, 5347.0, 5418.0, 5555.0, 5276.0, 5520.0, 5535.0, 5644.0, 5504.0, 5604.0, 5298.0, 5575.0, 5349.0, 5468.0, 5251.0, 5664.0, 5261.0, 5534.0, 5449.0, 5338.0, 5681.0, 5673.0, 5512.0, 5674.0, 5612.0, 5690.0, 5522.0, 5533.0, 5654.0, 5362.0, 5350.0, 5687.0, 5655.0, 5388.0, 5715.0, 5666.0, 5683.0, 5663.0, 5608.0, 5661.0, 5620.0, 5305.0, 5277.0, 5722.0, 5646.0, 5473.0, 5556.0 (number of hits: 15)
25	5530	9	1	333	1	5669.0, 5541.0, 5538.0, 5342.0, 5590.0, 5601.0, 5398.0, 5519.0, 5463.0, 5585.0, 5688.0, 5340.0, 5574.0, 5629.0, 5265.0, 5559.0, 5660.0, 5679.0, 5487.0, 5257.0, 5623.0, 5500.0, 5645.0, 5556.0, 5666.0, 5282.0, 5302.0, 5337.0, 5414.0, 5723.0, 5285.0, 5575.0, 5373.0, 5634.0, 5515.0, 5434.0, 5383.0, 5689.0, 5386.0, 5527.0, 5613.0, 5671.0, 5681.0, 5374.0, 5604.0, 5716.0, 5361.0, 5399.0, 5584.0, 5430.0, 5484.0, 5597.0, 5335.0, 5551.0, 5388.0, 5326.0, 5595.0, 5615.0, 5560.0, 5442.0, 5460.0, 5552.0, 5503.0, 5295.0, 5426.0, 5466.0, 5297.0, 5700.0, 5401.0, 5275.0, 5593.0, 5447.0, 5553.0, 5390.0, 5635.0, 5472.0, 5298.0, 5389.0, 5392.0, 5644.0, 5412.0, 5594.0, 5633.0, 5636.0, 5354.0, 5423.0, 5695.0, 5485.0, 5377.0, 5673.0, 5705.0, 5328.0, 5664.0, 5692.0, 5470.0, 5568.0, 5571.0, 5639.0, 5710.0, 5394.0 (number of hits: 14)

26	5530	9	1	333	1	5480.0, 5722.0, 5600.0, 5428.0, 5711.0, 5546.0, 5381.0, 5250.0, 5346.0, 5568.0, 5312.0, 5427.0, 5619.0, 5526.0, 5713.0, 5645.0, 5542.0, 5333.0, 5654.0, 5649.0, 5474.0, 5335.0, 5350.0, 5563.0, 5502.0, 5625.0, 5648.0, 5689.0, 5332.0, 5469.0, 5452.0, 5479.0, 5585.0, 5466.0, 5640.0, 5596.0, 5475.0, 5436.0, 5348.0, 5407.0, 5588.0, 5622.0, 5253.0, 5674.0, 5721.0, 5718.0, 5443.0, 5505.0, 5507.0, 5624.0, 5611.0, 5481.0, 5465.0, 5695.0, 5331.0, 5595.0, 5577.0, 5716.0, 5307.0, 5707.0, 5341.0, 5441.0, 5609.0, 5405.0, 5539.0, 5613.0, 5561.0, 5258.0, 5283.0, 5560.0, 5607.0, 5630.0, 5514.0, 5471.0, 5489.0, 5435.0, 5709.0, 5702.0, 5316.0, 5608.0, 5661.0, 5389.0, 5301.0, 5571.0, 5667.0, 5692.0, 5397.0, 5266.0, 5328.0, 5605.0, 5370.0, 5449.0, 5431.0, 5531.0, 5295.0, 5252.0, 5470.0, 5573.0, 5525.0, 5394.0 (number of hits: 14)
27	5530	9	1	333	1	5680.0, 5573.0, 5683.0, 5401.0, 5687.0, 5255.0, 5655.0, 5287.0, 5510.0, 5259.0, 5408.0, 5284.0, 5515.0, 5487.0, 5713.0, 5671.0, 5344.0, 5447.0, 5495.0, 5703.0, 5635.0, 5563.0, 5525.0, 5489.0, 5405.0, 5534.0, 5429.0, 5686.0, 5535.0, 5295.0, 5388.0, 5290.0, 5338.0, 5634.0, 5530.0, 5354.0, 5267.0, 5470.0, 5498.0, 5667.0, 5415.0, 5678.0, 5369.0, 5306.0, 5270.0, 5321.0, 5626.0, 5262.0, 5451.0, 5511.0, 5254.0, 5544.0, 5662.0, 5282.0, 5371.0, 5688.0, 5359.0, 5554.0, 5356.0, 5562.0, 5436.0, 5595.0, 5505.0, 5281.0, 5473.0, 5588.0, 5609.0, 5682.0, 5298.0, 5276.0, 5637.0, 5402.0, 5424.0, 5331.0, 5715.0, 5468.0, 5277.0, 5462.0, 5494.0, 5386.0, 5481.0, 5364.0, 5261.0, 5391.0, 5325.0, 5650.0, 5666.0, 5492.0, 5677.0, 5584.0, 5472.0, 5531.0, 5319.0, 5360.0, 5312.0, 5480.0, 5455.0, 5444.0, 5379.0, 5448.0 (number of hits: 17)
28	5530	9	1	333	1	5724.0, 5467.0, 5479.0, 5671.0, 5516.0, 5532.0, 5668.0, 5549.0, 5530.0, 5583.0, 5513.0, 5721.0, 5460.0, 5449.0, 5487.0, 5292.0, 5290.0, 5293.0, 5714.0, 5495.0, 5408.0, 5319.0, 5562.0, 5313.0, 5581.0, 5418.0, 5458.0, 5554.0, 5510.0, 5572.0, 5582.0, 5344.0, 5260.0, 5425.0, 5661.0, 5412.0, 5622.0, 5621.0, 5304.0, 5438.0, 5258.0, 5603.0, 5677.0, 5341.0, 5614.0, 5252.0, 5674.0, 5452.0, 5618.0, 5354.0, 5491.0, 5635.0, 5446.0, 5587.0, 5647.0, 5287.0, 5679.0, 5297.0, 5699.0, 5596.0, 5259.0, 5598.0, 5518.0, 5496.0, 5332.0, 5469.0, 5634.0, 5461.0, 5565.0, 5540.0, 5717.0, 5653.0, 5468.0, 5521.0, 5681.0, 5588.0, 5442.0, 5299.0, 5346.0, 5676.0, 5673.0, 5393.0, 5434.0, 5688.0, 5374.0,

						5497.0, 5289.0, 5273.0, 5311.0, 5340.0, 5719.0, 5320.0, 5655.0, 5504.0, 5263.0, 5520.0, 5713.0, 5683.0, 5376.0, 5544.0 (number of hits: 19)
29	5530	9	1	333	1	5449.0, 5452.0, 5724.0, 5285.0, 5440.0, 5506.0, 5359.0, 5524.0, 5257.0, 5397.0, 5294.0, 5388.0, 5613.0, 5448.0, 5313.0, 5461.0, 5443.0, 5477.0, 5592.0, 5671.0, 5654.0, 5345.0, 5648.0, 5590.0, 5297.0, 5499.0, 5637.0, 5290.0, 5517.0, 5277.0, 5264.0, 5271.0, 5591.0, 5340.0, 5632.0, 5474.0, 5263.0, 5652.0, 5495.0, 5366.0, 5610.0, 5659.0, 5390.0, 5379.0, 5589.0, 5549.0, 5641.0, 5436.0, 5600.0, 5681.0, 5577.0, 5466.0, 5722.0, 5605.0, 5275.0, 5336.0, 5695.0, 5446.0, 5255.0, 5327.0, 5694.0, 5416.0, 5710.0, 5526.0, 5615.0, 5475.0, 5708.0, 5528.0, 5322.0, 5507.0, 5380.0, 5481.0, 5511.0, 5491.0, 5541.0, 5689.0, 5376.0, 5718.0, 5421.0, 5508.0, 5342.0, 5272.0, 5365.0, 5423.0, 5482.0, 5705.0, 5457.0, 5667.0, 5530.0, 5700.0, 5353.0, 5602.0, 5558.0, 5403.0, 5701.0, 5553.0, 5653.0, 5561.0, 5489.0, 5597.0 (number of hits: 17)
30	5530	9	1	333	1	5302.0, 5686.0, 5633.0, 5387.0, 5321.0, 5400.0, 5574.0, 5483.0, 5285.0, 5457.0, 5438.0, 5516.0, 5595.0, 5517.0, 5412.0, 5550.0, 5632.0, 5619.0, 5404.0, 5331.0, 5700.0, 5718.0, 5420.0, 5326.0, 5549.0, 5620.0, 5282.0, 5306.0, 5626.0, 5401.0, 5451.0, 5310.0, 5447.0, 5415.0, 5657.0, 5271.0, 5348.0, 5601.0, 5572.0, 5319.0, 5377.0, 5444.0, 5261.0, 5286.0, 5293.0, 5568.0, 5315.0, 5460.0, 5581.0, 5279.0, 5263.0, 5674.0, 5602.0, 5638.0, 5528.0, 5409.0, 5487.0, 5421.0, 5710.0, 5634.0, 5327.0, 5476.0, 5354.0, 5486.0, 5470.0, 5590.0, 5275.0, 5375.0, 5359.0, 5680.0, 5664.0, 5542.0, 5599.0, 5439.0, 5320.0, 5288.0, 5539.0, 5548.0, 5347.0, 5610.0, 5715.0, 5524.0, 5475.0, 5694.0, 5305.0, 5283.0, 5379.0, 5361.0, 5382.0, 5386.0, 5711.0, 5691.0, 5594.0, 5410.0, 5693.0, 5251.0, 5677.0, 5456.0, 5525.0, 5644.0 (number of hits: 11)

10 Annex A (Normative) - Test Setup Photographs

Please refer to R1709193-DFS-Photo Report

11 Annex B (Normative) - EUT Photographs

Please refer to R1709193-DFS-Photo Report

12 Annex C (Informative)- Declaration of Similarity

FORTINET.

Declaration of Similarity

October 6, 2017

We *Fortinet, Inc.* hereby declare that products in the table below are electrically identical with the same electromagnetic emissions and electromagnetic compatibility characteristics except for the following hardware design changes:

	FAP-U321EV	FAP-U323EV
CPU	BCM58525	BCM58525
WiFi+BT/BLE/PHY	BCM43525 *2+20704	BCM43525 *2+20704
Memory	NOR 64MB + DDR3 512MB	NOR 64MB + DDR3 512MB
Radio #1	2.4GHz/5GHz 3x3	2.4GHz/5GHz 3x3
Radio #2	5GHz 3X3	5GHz 3X3
BT/BLE	yes	yes
Ethernet ports	2 x LAN/PoE	2 x LAN/PoE
Antennas	Internal	External (6x)
POE	at, redundant	at, redundant
Notes	Change from 58535+43465+43525 to 58525+43525*2	Change from 58535+43465+43525 to 58525+43525*2

	CPU	WiFi/BT/Switch	Radio#1	Radio#2	BT/BLE	PoE	antennas
FAP-U321EV	BCM58525	BCM43525 *2+BCM20704	2.4GHz/5GHz 3X3	5GHz 3X3	Yes	at, redundant	internal
FAP-U323EV	BCM58525	BCM43525 *2+BCM20704	2.4GHz/5GHz 3X3	5GHz 3X3	Yes	at, redundant	external

Product Models covered are:

FORTIAP-U321EVxxxxxx, FAP-U321EVxxxxxx
FORTIAP-U323EVxxxxxx, FAP-U323EVxxxxxx

(where "x" can be "0-9", or "A-Z", or "-", or blank for marketing purposes or software changes only and no Safety or EMC related changes)

Please contact me should there be need for any additional clarification or information.

Sincerely,

Andrew Ji
Fortinet, Inc.
Director

899 Kifer Road, Sunnyvale, CA 94086
Tel: 408 235 7700 Fax: 408 235 7737

13 Annex D (Informative)- A2LA Electrical Testing Certificate

Accredited Laboratory

A2LA has accredited

BAY AREA COMPLIANCE LABORATORIES CORP.

Sunnyvale, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. This laboratory also meets the requirements of A2LA R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Presented this 30th day of August 2016.

Senior Director of Quality & Communications
For the Accreditation Council
Certificate Number 3297.02
Valid to September 30, 2018

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

- END OF REPORT -