



## Type 5 Radar Waveform\_8

Num of Bursts = 17  
Burst Interval (us) = 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	267490	1	8	90	1097	0	0	267490	0	705881
2	1068129	1	8	95	1705	0	0	1336716	705882	1411763
3	637576	2	8	50	1174	1845	0	1975997	1411764	2117645
4	250527	1	8	65	1499	0	0	2229543	2117646	2823527
5	1143512	3	8	100	1084	1318	1591	3374554	2823528	3529409
6	152930	2	8	70	1995	1853	0	3531477	3529410	4235291
7	1203199	1	8	80	1144	0	0	4738524	4235292	4941173
8	657547	2	8	50	1023	1587	0	5397215	4941174	5647055
9	889971	2	8	95	1216	1816	0	6289796	5647056	6352937
10	131122	3	8	85	1603	1213	1425	6423950	6352938	7058819
11	1159835	3	8	95	1461	1996	1319	7588026	7058820	7764701
12	312588	2	8	95	1813	1415	0	7905390	7764702	8470583
13	826192	1	8	85	1222	0	0	8734810	8470584	9176465
14	564402	1	8	65	1398	0	0	9300434	9176466	9882347
15	1234647	2	8	65	1868	1544	0	10536479	9882348	10588229
16	645951	2	8	70	1716	1182	0	11185842	10588230	11294111
17	274080	1	8	75	1436	0	0	11462820	11294112	11999993

Total number of pulses in waveform = 30

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## Type 5 Radar Waveform\_9

Num of Bursts = 10  
Burst Interval (us) = 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	790675	3	17	60	1155	1466	1055	790675	0	1199999
2	773505	3	17	100	1267	1539	1433	1567856	1200000	2399999
3	1745517	3	17	60	1867	1859	1179	3317612	2400000	3599999
4	1028430	1	17	80	1358	0	0	4350947	3600000	4799999
5	1222474	2	17	70	1807	1828	0	5574779	4800000	5999999
6	527587	3	17	65	1446	1901	1833	6106001	6000000	7199999
7	1702423	2	17	95	1082	1469	0	7813604	7200000	8399999
8	745057	2	17	95	1217	1643	0	8561212	8400000	9599999
9	1791356	2	17	85	1999	1199	0	10355428	9600000	10799999
10	973366	3	17	95	1509	1638	1281	11331992	10800000	11999999

Total number of pulses in waveform = 24

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## Type 5 Radar Waveform\_10

Num of Bursts = 14  
Burst Interval (us) = 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	101306	1	10	85	1382	0	0	101306	0	857142
2	1321239	2	10	50	1728	1913	0	1423927	857143	1714285
3	441926	3	10	70	1411	1191	1726	1869494	1714286	2571428
4	1548893	2	10	90	1164	1859	0	3422715	2571429	3428571
5	367889	2	10	90	1842	1501	0	3793627	3428572	4285714
6	638527	3	10	65	1574	1616	1517	4435497	4285715	5142857
7	1479787	3	10	50	1348	1570	1140	5919991	5142858	6000000
8	712972	2	10	100	1959	1481	0	6637021	6000001	6857143
9	260631	2	10	60	1810	1216	0	6901092	6857144	7714286
10	1282817	3	10	100	1411	1943	1650	8186935	7714287	8571429
11	1231889	3	10	70	1667	1459	1062	9423828	8571430	9428572
12	224736	3	10	55	1946	1710	1110	9652752	9428573	10285715
13	1048264	2	10	70	1546	1631	0	10705782	10285716	11142858
14	725599	3	10	70	1928	1292	1965	11434558	11142859	12000001

Total number of pulses in waveform = 34

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**Type 5 Radar Waveform\_11**

Num of Bursts = 13  
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	187663	3	18	100	1512	1748	1971	187663	0	923076
2	1009618	3	18	95	1041	1937	1138	1202512	923077	1846153
3	850251	1	18	80	1953	0	0	2056879	1846154	2769230
4	826145	2	18	55	1623	1359	0	2884977	2769231	3692307
5	1704545	2	18	85	1961	1271	0	4592504	3692308	4615384
6	220361	3	18	55	1177	1458	1288	4816097	4615385	5538461
7	732528	3	18	80	1554	1763	1374	5552548	5538462	6461538
8	1541012	1	18	65	1026	0	0	7098251	6461539	7384615
9	524181	1	18	80	1972	0	0	7623458	7384616	8307692
10	805392	2	18	85	1151	1606	0	8430822	8307693	9230769
11	1288460	1	18	60	1187	0	0	9722039	9230770	10153846
12	1236855	2	18	75	1565	1455	0	10960081	10153847	11076923
13	700885	2	18	85	1393	1398	0	11663986	11076924	12000000

Total number of pulses in waveform = 26

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**Type 5 Radar Waveform\_12**

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1127610	2	8	60	1164	1416	0	1127610	0	1333332
2	1294149	3	8	50	1036	1042	1112	2424339	1333333	2666665
3	1559570	2	8	75	1971	1922	0	3987099	2666666	3999998
4	639841	3	8	80	1652	1815	1877	4630833	3999999	5333331
5	835466	1	8	90	1622	0	0	5471643	5333332	6666664
6	1273590	3	8	50	1694	1001	1124	6746855	6666665	7999997
7	2253517	1	8	100	1763	0	0	9004191	7999998	9333330
8	550209	1	8	95	1151	0	0	9556163	9333331	10666663
9	1245780	3	8	80	1624	1586	1689	10803094	10666664	11999996

Total number of pulses in waveform = 19

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**Type 5 Radar Waveform\_13**

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	992794	1	12	75	1160	0	0	992794	0	1333332
2	413460	3	12	85	1743	1313	1376	1407414	1333333	2666665
3	1850466	3	12	75	1170	1104	1342	3262312	2666666	3999998
4	1076022	3	12	95	1740	1452	1947	4341950	3999999	5333331
5	2009676	3	12	65	1217	1870	1203	6356765	5333332	6666664
6	1033775	1	12	55	1850	0	0	7394830	6666665	7999997
7	1111569	3	12	65	1132	1646	1062	8508249	7999998	9333330
8	2125188	2	12	80	1877	1762	0	10637277	9333331	10666663
9	842400	3	12	70	1176	1925	1177	11483316	10666664	11999996

Total number of pulses in waveform = 22

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## Type 5 Radar Waveform\_14

Num of Bursts = 20  
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	208050	3	5	90	1541	1007	1087	208050	0	599999
2	693080	1	5	75	1853	0	0	904765	600000	1199999
3	697395	1	5	60	1536	0	0	1604013	1200000	1799999
4	454184	3	5	100	1728	1357	1246	2059733	1800000	2399999
5	518073	3	5	100	1126	1373	1130	2582137	2400000	2999999
6	809306	2	5	90	1018	1749	0	3395072	3000000	3599999
7	267015	1	5	65	1074	0	0	3664854	3600000	4199999
8	637659	3	5	100	1335	1993	1660	4303587	4200000	4799999
9	745798	3	5	50	1750	1091	1646	5054373	4800000	5399999
10	548615	1	5	95	1790	0	0	5607475	5400000	5999999
11	526371	1	5	65	1412	0	0	6135636	6000000	6599999
12	851091	2	5	60	1158	1343	0	6988139	6600000	7199999
13	589215	2	5	75	1374	1416	0	7579855	7200000	7799999
14	458374	3	5	70	1749	1627	1378	8041019	7800000	8399999
15	821794	1	5	50	1005	0	0	8867567	8400000	8999999
16	563245	2	5	60	1084	1025	0	9431817	9000000	9599999
17	206014	2	5	95	1701	1105	0	9639940	9600000	10199999
18	721403	2	5	75	1855	1902	0	10364149	10200000	10799999
19	656682	1	5	85	1088	0	0	11024588	10800000	11399999
20	945774	3	5	50	1225	1011	1845	11971450	11400000	11999999

Total number of pulses in waveform = 40

## Type 5 Radar Waveform\_15

Num of Bursts = 19  
Burst Interval (us) = 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	175568	1	14	80	1773	0	0	175568	0	631578
2	982755	1	14	85	1021	0	0	1160096	631579	1263157
3	724045	2	14	70	1223	1657	0	1885162	1263158	1894736
4	67283	1	14	100	1005	0	0	1955325	1894737	2526315
5	922003	1	14	90	1603	0	0	2878333	2526316	3157894
6	326186	3	14	60	1518	1578	1809	3206122	3157895	3789473
7	733272	3	14	60	1721	1330	1036	3944299	3789474	4421052
8	712707	3	14	90	1790	1543	1957	4661093	4421053	5052631
9	393926	1	14	75	1084	0	0	5060309	5052632	5684210
10	701333	2	14	50	1469	1621	0	5762726	5684211	6315789
11	959274	2	14	95	1978	1748	0	6725090	6315790	6947368
12	562883	2	14	55	1106	1219	0	7291699	6947369	7578947
13	852227	1	14	60	1478	0	0	8146251	7578948	8210526
14	459574	3	14	65	1598	1872	1515	8607303	8210527	8842105
15	276229	3	14	80	1007	1767	1777	8888517	8842106	9473684
16	649537	2	14	60	1684	1791	0	9542605	9473685	10105263
17	969298	1	14	65	1283	0	0	10515378	10105264	10736842
18	810570	3	14	95	1808	1888	1470	11327231	10736843	11368421
19	248253	3	14	85	1708	1271	1132	11580650	11368422	12000000

Total number of pulses in waveform = 38

## Type 5 Radar Waveform\_16

Num of Bursts = 8  
Burst Interval (us) = 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1281719	2	10	70	1098	1762	0	1281719	0	1499999
2	1514161	1	10	100	1091	0	0	2798740	1500000	2999999
3	393819	1	10	95	1047	0	0	3193650	3000000	4499999
4	1865709	2	10	95	1424	1521	0	5060406	4500000	5999999
5	1376666	1	10	85	1306	0	0	6440017	6000000	7499999
6	2272004	3	10	80	1744	1717	1634	8713327	7500000	8999999
7	436129	1	10	70	1008	0	0	9154551	9000000	10499999
8	2516257	1	10	55	1207	0	0	11671816	10500000	11999999

Total number of pulses in waveform = 12

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## Type 5 Radar Waveform\_17

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	420457	1	17	85	1363	0	0	420457	0	1090908
2	839503	1	17	70	1347	0	0	1261323	1090909	2181817
3	1753563	1	17	65	1859	0	0	3016233	2181818	3272726
4	914607	3	17	95	1617	1307	1042	3932699	3272727	4363635
5	427080	1	17	50	1131	0	0	4363745	4363636	5454544
6	1701817	3	17	80	1704	1568	1451	6066693	5454545	6545453
7	996940	2	17	100	1188	1263	0	7068356	6545454	7636362
8	780352	2	17	100	1385	1411	0	7851159	7636363	8727271
9	1141701	3	17	85	1696	1492	1294	8995656	8727272	9818180
10	1023187	2	17	50	1407	1744	0	10023325	9818181	10909089
11	1878685	1	17	75	1198	0	0	11905161	10909090	11999998

Total number of pulses in waveform = 20

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## Type 5 Radar Waveform\_18

Num of Bursts = 13  
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	390206	3	6	50	1448	1380	1130	390206	0	923076
2	1392537	2	6	75	1283	1086	0	1786701	923077	1846153
3	736772	2	6	100	1298	1659	0	2525842	1846154	2769230
4	439929	2	6	75	1193	1133	0	2968728	2769231	3692307
5	1155205	1	6	50	1029	0	0	4126259	3692308	4615384
6	885443	1	6	65	1580	0	0	5012731	4615385	5538461
7	636170	1	6	50	1415	0	0	5650481	5538462	6461538
8	821976	1	6	55	1786	0	0	6473872	6461539	7384615
9	1317706	3	6	95	1725	1138	1020	7793364	7384616	8307692
10	635045	2	6	80	1944	1177	0	8432292	8307693	9230769
11	1228268	2	6	50	1971	1727	0	9663681	9230770	10153846
12	756946	3	6	85	1314	1754	1091	10424325	10153847	11076923
13	1208517	2	6	100	1002	1729	0	11637001	11076924	12000000

Total number of pulses in waveform = 25

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## Type 5 Radar Waveform\_19

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	114272	1	19	80	1133	0	0	114272	0	1090908
2	1129232	3	19	85	1758	1040	1249	1244637	1090909	2181817
3	1892232	3	19	65	1426	1791	1803	3140916	2181818	3272726
4	548345	3	19	55	1858	1644	1116	3694281	3272727	4363635
5	1358977	3	19	60	1912	1138	1217	5057876	4363636	5454544
6	746124	2	19	100	1775	1294	0	5808267	5454545	6545453
7	1552369	1	19	75	1021	0	0	7363705	6545454	7636362
8	570197	1	19	50	1101	0	0	7934923	7636363	8727271
9	1709289	3	19	85	1923	1320	1838	9645313	8727272	9818180
10	1162162	1	19	100	1432	0	0	10812556	9818181	10909089
11	974122	3	19	90	1481	1156	1548	11788110	10909090	11999998

Total number of pulses in waveform = 24

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## Type 5 Radar Waveform\_20

Num of Bursts = 19  
Burst Interval (us) = 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	56763	3	9	65	1381	1830	1908	56763	0	631578
2	1005576	1	9	95	1629	0	0	1067458	631579	1263157
3	531086	2	9	65	1779	1754	0	1600173	1263158	1894736
4	651138	3	9	95	1574	1522	1643	2254844	1894737	2526315
5	304195	1	9	85	1653	0	0	2563778	2526316	3157894
6	738514	1	9	80	1222	0	0	3303945	3157895	3789473
7	1059896	1	9	90	1689	0	0	4365063	3789474	4421052
8	393389	2	9	70	1213	1726	0	4760141	4421053	5052631
9	337149	3	9	95	1960	1872	1826	5100229	5052632	5684210
10	1027544	2	9	75	1153	1026	0	6133431	5684211	6315789
11	574141	3	9	55	1035	1645	1440	6709751	6315790	6947368
12	347550	1	9	75	1744	0	0	7061421	6947369	7578947
13	865171	1	9	50	1598	0	0	7928336	7578948	8210526
14	483969	3	9	90	1984	1143	1356	8413903	8210527	8842105
15	809135	2	9	55	1609	1840	0	9227521	8842106	9473684
16	516219	1	9	85	1587	0	0	9747189	9473685	10105263
17	547908	2	9	60	1523	1613	0	10296684	10105264	10736842
18	1063266	2	9	100	1762	1786	0	11363086	10736843	11368421
19	479448	1	9	80	1439	0	0	11846082	11368422	12000000

Total number of pulses in waveform = 35

## Type 5 Radar Waveform\_21

Num of Bursts = 15  
Burst Interval (us) = 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	594325	14	14	60	1024	0	0	594325	0	799999
2	369564	1	14	95	1808	0	0	964913	800000	1599999
3	1210246	3	14	65	1921	1988	1858	2176967	1600000	2399999
4	778434	2	14	95	1806	1028	0	2961168	2400000	3199999
5	341627	1	14	50	1531	0	0	3305629	3200000	3999999
6	1307362	3	14	65	1198	1494	1944	4614522	4000000	4799999
7	375338	1	14	85	1714	0	0	4994496	4800000	5599999
8	862585	2	14	70	1529	1892	0	5858795	5600000	6399999
9	1201764	2	14	75	1631	1634	0	7063980	6400000	7199999
10	919120	1	14	75	1625	0	0	7986365	7200000	7999999
11	511435	2	14	75	1521	1052	0	8499425	8000000	8799999
12	866036	3	14	80	1500	1029	1327	9368034	8800000	9599999
13	523705	3	14	85	1230	1494	1782	9895595	9600000	10399999
14	1276781	1	14	55	1906	0	0	11176882	10400000	11199999
15	276942	3	14	85	1808	1995	1331	11455730	11200000	11999999

Total number of pulses in waveform = 29

## Type 5 Radar Waveform\_22

Num of Bursts = 20  
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	274962	1	18	55	1627	0	0	274962	0	599999
2	715094	1	18	90	1723	0	0	991683	600000	1199999
3	276362	1	18	65	1220	0	0	1269768	1200000	1799999
4	606101	2	18	65	1138	1074	0	1877089	1800000	2399999
5	853369	1	18	85	1061	0	0	2732670	2400000	2999999
6	598089	3	18	95	1653	1463	1474	3331820	3000000	3599999
7	611795	2	18	85	1944	1895	0	3948205	3600000	4199999
8	572609	1	18	95	1321	0	0	4524653	4200000	4799999
9	308154	1	18	95	1098	0	0	4834128	4800000	5399999
10	807114	1	18	50	1969	0	0	5642340	5400000	5999999
11	478692	1	18	50	1322	0	0	6123001	6000000	6599999
12	724371	3	18	70	1591	1654	1325	6848694	6600000	7199999
13	782068	3	18	75	1645	1875	1578	7635332	7200000	7799999
14	691643	1	18	85	1171	0	0	8332073	7800000	8399999
15	261871	1	18	80	1052	0	0	8595115	8400000	8999999
16	828834	3	18	100	1428	1825	1270	9425001	9000000	9599999
17	429621	3	18	100	1865	1035	1136	9859145	9600000	10199999
18	516113	2	18	50	1727	1767	0	10379294	10200000	10799999
19	441869	3	18	80	1936	1015	1804	10824657	10800000	11399999
20	1163284	2	18	75	1258	1845	0	11992696	11400000	11999999

Total number of pulses in waveform = 36



## Type 5 Radar Waveform\_23

Num of Bursts = 15  
Burst Interval (us) = 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	415470	1	12	60	1072	0	0	415470	0	799999
2	514326	1	12	85	1443	0	0	930868	800000	1599999
3	741447	3	12	90	1031	1663	1678	1673758	1600000	2399999
4	1265528	3	12	60	1496	1129	1266	2943658	2400000	3199999
5	796639	1	12	95	1618	0	0	3744188	3200000	3999999
6	266347	2	12	85	1193	1417	0	4012153	4000000	4799999
7	1512662	2	12	85	1916	1913	0	5527425	4800000	5599999
8	197386	2	12	75	1061	1382	0	5728640	5600000	6399999
9	826784	2	12	50	1139	1321	0	6557867	6400000	7199999
10	1101371	3	12	100	1991	1294	1077	7661698	7200000	7999999
11	597784	3	12	70	1515	1210	1672	8263844	8000000	8799999
12	1119645	1	12	85	1488	0	0	9387886	8800000	9599999
13	887893	3	12	60	1497	1627	1085	10277267	9600000	10399999
14	223681	1	12	85	1831	0	0	10505157	10400000	11199999
15	781489	1	12	90	1275	0	0	11288477	11200000	11999999

Total number of pulses in waveform = 29

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## Type 5 Radar Waveform\_24

Num of Bursts = 10  
Burst Interval (us) = 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1028625	3	5	100	1368	1700	1808	1028625	0	1199999
2	1136058	2	5	100	1513	1660	0	2169559	1200000	2399999
3	1398102	1	5	90	1392	0	0	3570834	2400000	3599999
4	1032732	2	5	70	1771	1027	0	4604958	3600000	4799999
5	721671	3	5	50	1522	1803	1306	5329427	4800000	5999999
6	1536160	1	5	50	1193	0	0	6870218	6000000	7199999
7	411641	3	5	75	1411	1444	1197	7283052	7200000	8399999
8	2249109	3	5	60	1134	1386	1107	9536213	8400000	9599999
9	1091109	1	5	70	1176	0	0	10630949	9600000	10799999
10	1217852	1	5	75	1310	0	0	11849977	10800000	11999999

Total number of pulses in waveform = 20

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## Type 5 Radar Waveform\_25

Num of Bursts = 13  
Burst Interval (us) = 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	622728	2	10	70	1640	1564	0	622728	0	923076
2	478050	2	10	70	1145	1030	0	1103982	923077	1846153
3	1048252	2	10	60	1830	1460	0	2154409	1846154	2769230
4	833357	1	10	50	1519	0	0	2991056	2769231	3692307
5	1144446	1	10	60	1249	0	0	4137021	3692308	4615384
6	1138502	3	10	55	1326	1972	1798	5276772	4615385	5538461
7	437672	3	10	50	1364	1825	1409	5719540	5538462	6461538
8	1469707	3	10	75	1261	1822	1656	7193845	6461539	7384615
9	1088656	3	10	75	1191	1082	1287	8287240	7384616	8307692
10	258487	1	10	80	1570	0	0	8549287	8307693	9230769
11	729477	2	10	90	1018	1338	0	9280334	9230770	10153846
12	1663360	3	10	85	1811	1399	1935	10946050	10153847	11076923
13	478071	1	10	90	1299	0	0	11429266	11076924	12000000

Total number of pulses in waveform = 27

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## Type 5 Radar Waveform\_26

Num of Bursts = 20  
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	320346	3	9	80	1794	1237	1065	320346	0	599999
2	344899	3	9	55	1454	1783	1160	669341	600000	1199999
3	935269	2	9	65	1241	1274	0	1609007	1200000	1799999
4	256767	3	9	80	1844	1841	1941	1868289	1800000	2399999
5	632820	3	9	90	1971	1539	1224	2506435	2400000	2999999
6	847161	3	9	85	1823	1260	1792	3358330	3000000	3599999
7	355670	1	9	70	1071	0	0	3718875	3600000	4199999
8	1042485	3	9	55	1771	1775	1922	4762431	4200000	4799999
9	467498	2	9	65	1653	1285	0	5235397	4800000	5399999
10	171450	1	9	75	1463	0	0	5409785	5400000	5999999
11	1167883	3	9	75	1619	1344	1000	6579131	6000000	6599999
12	605378	3	9	55	1816	1796	1830	7188472	6600000	7199999
13	114701	1	9	80	1748	0	0	7308615	7200000	7799999
14	931802	3	9	65	1052	1786	1512	8242165	7800000	8399999
15	209497	1	9	100	1262	0	0	8456012	8400000	8999999
16	796548	1	9	55	1423	0	0	9253822	9000000	9599999
17	877621	1	9	85	1244	0	0	10132866	9600000	10199999
18	515090	2	9	70	1215	1146	0	10649200	10200000	10799999
19	680318	2	9	65	1027	1384	0	11331879	10800000	11399999
20	298466	3	9	100	1698	1467	1235	11632756	11400000	11999999

Total number of pulses in waveform = 44

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## Type 5 Radar Waveform\_27

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	715657	1	6	65	1652	0	0	715657	0	1090908
2	1174422	3	6	90	1894	1890	1564	1891731	1090909	2181817
3	704565	1	6	55	1143	0	0	2601644	2181818	3272726
4	881917	3	6	55	1113	1680	1595	3484704	3272727	4363635
5	892391	3	6	90	1750	1773	1871	4381483	4363636	5454544
6	2105927	2	6	80	1201	1384	0	6492804	5454545	6545453
7	525289	2	6	85	1050	1342	0	7020678	6545454	7636362
8	1444656	2	6	60	1864	1546	0	8467726	7636363	8727271
9	517340	1	6	65	1307	0	0	8988476	8727272	9818180
10	1782394	2	6	55	1084	1415	0	10772177	9818181	10909089
11	164823	2	6	75	1085	1785	0	10939499	10909090	11999998

Total number of pulses in waveform = 22

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## Type 5 Radar Waveform\_28

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	657575	3	17	95	1582	1181	1743	657575	0	999999
2	531548	1	17	95	1895	0	0	1193629	1000000	1999999
3	1547602	3	17	50	1003	1034	1574	2743126	2000000	2999999
4	374165	3	17	55	1851	1412	1748	3120902	3000000	3999999
5	1416235	2	17	90	1730	1847	0	4542148	4000000	4999999
6	1119879	2	17	65	1018	1872	0	5665604	5000000	5999999
7	1225934	3	17	60	1800	1378	1471	6894428	6000000	6999999
8	688085	3	17	75	1575	1041	1079	7587162	7000000	7999999
9	705592	2	17	70	1732	1573	0	8296449	8000000	8999999
10	1572397	1	17	65	1706	0	0	9872151	9000000	9999999
11	980296	2	17	95	1903	1107	0	10854153	10000000	10999999
12	1108443	3	17	60	1627	1305	1538	11965606	11000000	11999999

Total number of pulses in waveform = 28

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## Type 5 Radar Waveform\_29

Num of Bursts = 19  
Burst Interval (us) = 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	482851	3	8	80	1746	1792	1851	482851	0	631578
2	367382	2	8	60	1912	1970	0	855622	631579	1263157
3	470965	3	8	70	1090	1075	1484	1330469	1263158	1894736
4	611072	3	8	85	1245	1481	1475	1945190	1894737	2526315
5	827395	2	8	85	1081	1750	0	2776786	2526316	3157894
6	521304	3	8	90	1741	1530	1157	3300921	3157895	3789473
7	1108762	2	8	75	1176	1706	0	4414111	3789474	4421052
8	339687	1	8	95	1941	0	0	4756680	4421053	5052631
9	658423	1	8	85	1860	0	0	5417044	5052632	5684210
10	715207	3	8	100	1973	1022	1931	6134111	5684211	6315789
11	323709	3	8	75	1198	1166	1098	6462746	6315790	6947368
12	1030635	3	8	75	1678	1371	1860	7496843	6947369	7578947
13	628251	3	8	95	1217	1185	1692	8130003	7578948	8210526
14	210476	2	8	100	1525	1773	0	8344573	8210527	8842105
15	784210	1	8	70	1220	0	0	9132081	8842106	9473684
16	650509	3	8	100	1377	1078	1019	9783810	9473685	10105263
17	334765	3	8	75	1948	1395	1300	10122049	10105264	10736842
18	1190240	3	8	85	1872	1841	1867	11316932	10736843	11368421
19	443651	2	8	60	1865	1693	0	11766163	11368422	12000000

Total number of pulses in waveform = 46

## Type 5 Radar Waveform\_30

Num of Bursts = 17  
Burst Interval (us) = 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	391994	2	19	75	1350	1164	0	391994	0	705881
2	509651	1	19	90	1857	0	0	904159	705882	1411763
3	950753	1	19	65	1890	0	0	1856769	1411764	2117645
4	953891	3	19	60	1047	1174	1221	2812550	2117646	2823527
5	432437	2	19	100	1766	1460	0	3248429	2823528	3529409
6	400623	2	19	80	1221	1578	0	3652278	3529410	4235291
7	1002211	3	19	85	1426	1878	1907	4657288	4235292	4941173
8	603832	2	19	55	1723	1141	0	5266331	4941174	5647055
9	389468	2	19	60	1787	1099	0	5658663	5647056	6352937
10	1362741	3	19	100	1799	1148	1494	7024290	6352938	7058819
11	48311	1	19	60	1210	0	0	7077042	7058820	7764701
12	694300	2	19	75	1719	1139	0	7772552	7764702	8470583
13	803368	3	19	75	1991	1163	1292	8578778	8470584	9176465
14	658878	1	19	95	1736	0	0	9242102	9176466	9882347
15	1307069	2	19	60	1292	1394	0	10550907	9882348	10588229
16	555656	3	19	100	1883	1463	1099	11109249	10588230	11294111
17	203415	1	19	100	1703	0	0	11317109	11294112	11999993

Total number of pulses in waveform = 34



### Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5327	1	16	5327	1
2	5327	1	17	5327	1
3	5327	1	18	5327	1
4	5327	1	19	5327	1
5	5327	1	20	5327	1
6	5327	1	21	5327	1
7	5327	1	22	5327	1
8	5327	1	23	5327	1
9	5327	1	24	5327	1
10	5327	1	25	5327	1
11	5327	1	26	5327	1
12	5327	1	27	5327	1
13	5327	1	28	5327	1
14	5327	1	29	5327	1
15	5327	1	30	5327	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5329	6	5	5336	15
20	5324	60	17	5307	51
34	5302	102	31	5316	93
40	5298	120	34	5291	102
44	5306	132	35	5296	105
45	5308	135	45	5288	135
50	5300	150	46	5282	138
51	5336	153	59	5298	177
69	5340	207	75	5330	225
71	5314	213	78	5326	234
77	5304	231	81	5310	243
--	--	--	83	5332	249
--	--	--	87	5327	261
--	--	--	88	5283	264
--	--	--	93	5289	279
--	--	--	95	5292	285
--	--	--	96	5306	288

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5295	24	13	5291	39
9	5340	27	22	5340	66
26	5296	78	24	5314	72
29	5335	87	56	5304	168
30	5281	90	58	5295	174
43	5285	129	81	5335	243
55	5291	165	86	5323	258
62	5338	186	89	5281	267
73	5321	219	92	5288	276
88	5290	264	--	--	--
92	5315	276	--	--	--
93	5287	279	--	--	--
97	5330	291	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5303	9	3	5317	9
15	5290	45	19	5286	57
30	5331	90	24	5337	72
32	5322	96	37	5285	111
33	5323	99	48	5328	144
44	5287	132	49	5280	147
46	5285	138	54	5309	162
57	5340	171	61	5322	183
61	5309	183	77	5334	231
65	5317	195	89	5300	267
83	5337	249	99	5296	297
85	5307	255	--	--	--
89	5304	267	--	--	--
96	5293	288	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5300	9	4	5336	12
8	5291	24	9	5294	27
33	5311	99	10	5309	30
35	5319	105	15	5318	45
40	5294	120	18	5288	54
41	5314	123	20	5338	60
48	5280	144	22	5286	66
54	5337	162	25	5303	75
63	5313	189	36	5304	108
65	5283	195	47	5331	141
--	--	--	50	5292	150
--	--	--	53	5300	159
--	--	--	55	5291	165
--	--	--	65	5298	195
--	--	--	74	5302	222

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5336	3	3	5330	9
4	5285	12	36	5325	108
5	5326	15	39	5299	117
13	5314	39	45	5321	135
25	5310	75	46	5300	138
42	5329	126	60	5307	180
46	5328	138	64	5322	192
58	5305	174	68	5334	204
64	5291	192	69	5291	207
74	5284	222	70	5287	210
83	5319	249	75	5314	225
--	--	--	81	5332	243
--	--	--	85	5306	255
--	--	--	89	5337	267

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5301	30	1	5291	3
21	5338	63	42	5305	126
35	5326	105	52	5336	156
43	5324	129	72	5302	216
49	5316	147	74	5331	222
50	5311	150	79	5295	237
55	5337	165	86	5340	258
56	5312	168	93	5339	279
59	5299	177	--	--	--
62	5305	186	--	--	--
68	5282	204	--	--	--
70	5300	210	--	--	--
72	5294	216	--	--	--
85	5296	255	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5280	6	6	5326	18
3	5337	9	8	5324	24
6	5336	18	15	5318	45
8	5335	24	19	5282	57
15	5320	45	20	5304	60
20	5323	60	28	5313	84
27	5326	81	32	5323	96
33	5285	99	35	5320	105
44	5319	132	48	5291	144
59	5325	177	50	5309	150
68	5304	204	54	5314	162
71	5309	213	71	5280	213
83	5300	249	72	5336	216
85	5305	255	79	5327	237
88	5288	264	85	5283	255
96	5302	288	97	5330	291

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5286	3	2	5285	6
2	5302	6	5	5317	15
7	5308	21	11	5326	33
46	5307	138	39	5315	117
55	5296	165	51	5329	153
66	5294	198	61	5298	183
75	5314	225	63	5296	189
77	5318	231	85	5337	255
83	5285	249	89	5301	267
91	5291	273	90	5292	270
93	5283	279	96	5282	288
94	5301	282	--	--	--
96	5336	288	--	--	--
98	5306	294	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5311	9	1	5286	3
9	5316	27	2	5302	6
19	5310	57	7	5308	21
34	5330	102	46	5307	138
35	5290	105	55	5296	165
51	5302	153	66	5294	198
54	5327	162	75	5314	225
56	5296	168	77	5318	231
73	5325	219	83	5285	249
77	5281	231	91	5291	273
79	5339	237	93	5283	279
81	5334	243	94	5301	282
84	5299	252	96	5336	288
91	5287	273	98	5306	294

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5292	3	0	5292	0
11	5305	33	25	5317	75
16	5288	48	46	5320	138
32	5300	96	51	5337	153
40	5333	120	53	5280	159
41	5315	123	73	5297	219
57	5289	171	83	5298	249
89	5320	267	86	5321	258
94	5325	282	93	5303	279
--	--	--	95	5327	285

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5323	18	13	5315	39
16	5289	48	14	5302	42
19	5313	57	15	5306	45
26	5324	78	29	5319	87
63	5333	189	37	5317	111
64	5309	192	41	5293	123
--	--	--	53	5287	159
--	--	--	71	5333	213
--	--	--	85	5340	255
--	--	--	90	5286	270
--	--	--	95	5295	285
--	--	--	97	5296	291
--	--	--	98	5299	294

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5281	9	3	5315	9
13	5321	39	20	5339	60
15	5298	45	25	5340	75
18	5305	54	27	5285	81
26	5296	78	36	5305	108
41	5292	123	43	5298	129
73	5280	219	46	5291	138
85	5317	255	50	5302	150
86	5299	258	52	5295	156
87	5304	261	53	5323	159
96	5312	288	54	5297	162
--	--	--	59	5325	177
--	--	--	61	5287	183
--	--	--	66	5307	198
--	--	--	83	5294	249
--	--	--	91	5303	273



Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
19	5327	57	3	5329	9
20	5301	60	34	5284	102
24	5307	72	37	5337	111
26	5320	78	42	5338	126
27	5328	81	48	5294	144
29	5317	87	59	5297	177
34	5290	102	64	5339	192
37	5318	111	66	5332	198
50	5294	150	78	5280	234
51	5297	153	79	5281	237
73	5313	219	86	5306	258
74	5289	222	90	5310	270
77	5321	231	91	5312	273
80	5314	240	93	5308	279
89	5312	267	98	5331	294

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5330	21	10	5331	30
10	5319	30	15	5312	45
11	5331	33	24	5336	72
13	5328	39	28	5295	84
39	5311	117	41	5320	123
49	5283	147	65	5289	195
58	5291	174	68	5323	204
60	5338	180	70	5283	210
63	5292	189	80	5319	240
67	5316	201	86	5305	258
71	5317	213	89	5298	267
93	5334	279	94	5296	282

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5335	6	1	5284	3
9	5281	27	6	5289	18
15	5322	45	11	5312	33
21	5299	63	34	5311	102
28	5318	84	37	5333	111
33	5303	99	39	5321	117
34	5311	102	42	5319	126
36	5323	108	53	5335	159
38	5302	114	74	5332	222
50	5326	150	79	5318	237
52	5314	156	94	5310	282
59	5282	177	97	5337	291
63	5293	189	--	--	--
66	5304	198	--	--	--
72	5327	216	--	--	--
74	5296	222	--	--	--
75	5289	225	--	--	--
78	5305	234	--	--	--
98	5324	294	--	--	--
99	5332	297	--	--	--

# Radar Statistical Performance for 802.11ac-VHT80

## Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5253	1	598	89	1
2	5253	1	778	68	1
3	5253	1	698	76	1
4	5253	1	838	63	1
5	5253	1	858	62	1
6	5253	1	518	102	1
7	5253	1	558	95	1
8	5253	1	3066	18	1
9	5253	1	658	81	1
10	5253	1	938	57	1
11	5253	1	718	74	1
12	5253	1	678	78	1
13	5253	1	878	61	1
14	5253	1	738	72	1
15	5253	1	798	67	1
16	5253	1	1975	27	1
17	5253	1	1874	29	1
18	5253	1	2137	25	1
19	5253	1	3060	18	1
20	5253	1	2673	20	1
21	5253	1	2855	19	1
22	5253	1	1463	37	1
23	5253	1	2613	21	1
24	5253	1	2063	26	1
25	5253	1	530	100	1
26	5253	1	1793	30	1
27	5253	1	760	70	1
28	5253	1	833	64	1
29	5253	1	1139	47	1
30	5253	1	2089	26	1
Detection Percentage (%)					100%

## Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5270	2.0	163	23	1
2	5270	1.1	212	27	1
3	5270	4.0	196	27	1
4	5270	1.1	219	28	1
5	5270	4.5	222	29	1
6	5270	2.8	209	28	1
7	5270	4.3	188	25	1
8	5270	2.9	181	25	1
9	5270	2.4	156	23	1
10	5270	2.2	220	25	1
11	5270	1.6	160	26	1
12	5270	3.7	218	26	1
13	5270	5.0	172	23	1
14	5270	4.8	230	27	1
15	5270	3.6	185	23	1
16	5270	3.1	217	28	1
17	5270	2.7	202	27	1
18	5270	1.6	194	29	1
19	5270	3.8	220	28	1
20	5270	5.0	164	23	1
21	5270	2.0	180	27	1
22	5270	4.7	205	23	1
23	5270	5.0	163	24	1
24	5270	3.1	211	27	1
25	5270	2.6	209	29	1
26	5270	1.8	189	26	1
27	5270	3.9	202	25	1
28	5270	1.1	202	25	1
29	5270	4.6	183	25	1
30	5270	4.2	211	25	1
Detection Percentage (%)					100%

### Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5290	7.3	480	16	1
2	5290	7.3	443	18	1
3	5290	9.6	258	16	1
4	5290	9.2	333	18	1
5	5290	9.1	285	17	1
6	5290	7.0	461	18	1
7	5290	10.0	444	17	1
8	5290	9.4	487	16	1
9	5290	8.4	329	18	1
10	5290	7.2	464	16	1
11	5290	9.8	377	17	1
12	5290	7.9	307	17	1
13	5290	9.3	461	16	1
14	5290	8.7	471	16	1
15	5290	6.4	408	18	1
16	5290	8.2	310	18	1
17	5290	6.6	344	18	1
18	5290	8.7	358	18	1
19	5290	6.0	343	16	1
20	5290	6.7	460	18	1
21	5290	9.7	485	17	1
22	5290	8.0	377	17	1
23	5290	9.9	315	16	1
24	5290	9.9	363	16	1
25	5290	7.7	374	16	1
26	5290	9.4	347	16	1
27	5290	9.8	346	16	1
28	5290	9.1	303	16	1
29	5290	9.1	297	18	1
30	5290	7.1	435	18	1
Detection Percentage (%)					100%

## Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5309	11.4	495	14	1
2	5309	18.8	403	14	1
3	5309	15.4	469	16	1
4	5309	17.2	412	13	1
5	5309	12.5	495	12	1
6	5309	18.4	450	14	1
7	5309	12.9	449	14	1
8	5309	16.1	449	13	1
9	5309	14.0	375	12	1
10	5309	13.6	500	16	1
11	5309	16.2	466	15	1
12	5309	12.0	441	13	1
13	5309	19.9	359	14	1
14	5309	15.5	254	15	1
15	5309	19.2	389	13	1
16	5309	16.1	278	16	1
17	5309	14.8	360	13	1
18	5309	15.9	275	14	1
19	5309	12.4	463	12	1
20	5309	18.4	267	14	1
21	5309	11.2	326	13	1
22	5309	15.6	393	15	1
23	5309	14.4	326	12	1
24	5309	12.4	412	16	1
25	5309	15.2	423	16	1
26	5309	11.4	442	14	1
27	5309	12.8	370	13	1
28	5309	17.6	269	16	1
29	5309	19.0	384	16	1
30	5309	12.6	252	14	1
Detection Percentage (%)					100%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows:  $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 100\% + 100\% + 100\%) / 4 = 100\% (>80\%)$



## Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5256.8	1	16	5290.0	1
2	5254.0	1	17	5290.0	1
3	5259.2	1	18	5290.0	1
4	5257.6	1	19	5290.0	1
5	5255.2	1	20	5290.0	1
6	5259.6	1	21	5324.0	1
7	5254.4	1	22	5321.2	1
8	5256.0	1	23	5326.0	1
9	5258.8	1	24	5324.8	1
10	5255.6	1	25	5325.6	1
11	5290.0	1	26	5320.8	1
12	5290.0	1	27	5322.4	1
13	5290.0	1	28	5324.4	1
14	5290.0	1	29	5323.2	1
15	5290.0	1	30	5320.4	1
Detection Percentage (%)					100%

## Type 5 Radar Waveform\_1

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	702777	2	12	80	1529	1672	0	702777	0	1199999
2	964934	1	12	85	1537	0	0	1670912	1200000	2399999
3	1495100	2	12	60	1065	1453	0	3167549	2400000	3599999
4	779600	1	12	55	1443	0	0	3949667	3600000	4799999
5	875517	1	12	65	1983	0	0	4826627	4800000	5999999
6	1406590	3	12	50	1964	1061	1896	6235200	6000000	7199999
7	1067357	1	12	100	1460	0	0	7307478	7200000	8399999
8	2195852	3	12	60	1848	1719	1748	9504790	8400000	9599999
9	649237	1	12	95	1919	0	0	10159342	9600000	10799999
10	1372297	1	12	75	1087	0	0	11533558	10800000	11999999

Total number of pulses in waveform = 16

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**Type 5 Radar Waveform\_2**

Num of Bursts = 8  
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1453385	1	5	55	1157	0	0	1453385	0	1499999
2	870592	3	5	80	1743	1823	1571	2325134	1500000	2999999
3	2087741	2	5	50	1206	1492	0	4418012	3000000	4499999
4	1574601	2	5	95	1859	1735	0	5995311	4500000	5999999
5	1292172	3	5	80	1291	1472	1055	7291077	6000000	7499999
6	382180	3	5	80	1704	1297	1202	7677075	7500000	8999999
7	1484515	2	5	65	1085	1917	0	9165793	9000000	10499999
8	2722047	3	5	85	1474	1932	1897	11890842	10500000	11999999

Total number of pulses in waveform = 19

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**Type 5 Radar Waveform\_3**

Num of Bursts = 19  
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	90363	3	18	80	1352	1432	1183	90363	0	631578
2	960254	1	18	50	1849	0	0	1054584	631579	1263157
3	321524	3	18	95	1678	1217	1290	1377957	1263158	1894736
4	932447	2	18	55	1815	1542	0	2314589	1894737	2526315
5	321405	1	18	95	1357	0	0	2639351	2526316	3157894
6	842224	2	18	55	1159	1060	0	3482932	3157895	3789473
7	326063	2	18	55	1615	1271	0	3811214	3789474	4421052
8	674108	3	18	60	1862	1008	1262	4488208	4421053	5052631
9	579519	3	18	75	1008	1140	1212	5071859	5052632	5684210
10	849516	1	18	55	1348	0	0	5924735	5684211	6315789
11	578972	1	18	75	1114	0	0	6505055	6315790	6947368
12	663814	1	18	80	1406	0	0	7169983	6947369	7578947
13	728079	3	18	55	1566	1946	1736	7899468	7578948	8210526
14	488981	3	18	60	1642	1947	1867	8393697	8210527	8842105
15	587269	2	18	55	1982	1886	0	8986422	8842106	9473684
16	1000071	2	18	70	1353	1126	0	9990361	9473685	10105263
17	381299	2	18	65	1532	1820	0	10374139	10105264	10736842
18	757425	2	18	85	1502	1726	0	11134916	10736843	11368421
19	493403	1	18	75	1497	0	0	11631547	11368422	12000000

Total number of pulses in waveform = 38

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**Type 5 Radar Waveform\_4**

Num of Bursts = 13  
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	732332	3	14	100	1029	1300	1251	732332	0	923076
2	191273	3	14	60	1055	1721	1554	927185	923077	1846153
3	1351157	2	14	75	1861	1745	0	2282672	1846154	2769230
4	717360	1	14	75	1060	0	0	3003638	2769231	3692307
5	1183395	2	14	100	1248	1122	0	4188093	3692308	4615384
6	639034	1	14	65	1807	0	0	4829497	4615385	5538461
7	843075	1	14	85	1763	0	0	5674379	5538462	6461538
8	1269892	3	14	85	1921	1866	1020	6946034	6461539	7384615
9	682175	1	14	75	1212	0	0	7633016	7384616	8307692
10	1281833	3	14	90	1042	1693	1716	8916061	8307693	9230769
11	662110	3	14	75	1047	1944	1980	9582622	9230770	10153846
12	585305	2	14	60	1600	1952	0	10172898	10153847	11076923
13	1143904	3	14	75	1032	1745	1747	11320354	11076924	12000000

Total number of pulses in waveform = 28

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## Type 5 Radar Waveform\_5

Num of Bursts = 18  
Burst Interval (us) = 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	459058	1	8	75	1767	0	0	459058	0	666666
2	658946	1	8	65	1890	0	0	1119771	666667	1333333
3	440343	2	8	65	1680	1403	0	1562004	1333334	2000000
4	759843	2	8	60	1907	1768	0	2324930	2000001	2666667
5	610621	2	8	60	1922	1988	0	2939226	2666668	3333334
6	457065	3	8	80	1191	1625	1536	3400201	3333335	4000001
7	963304	3	8	65	1413	1098	1511	4367857	4000002	4666668
8	864579	2	8	55	1006	1493	0	5236458	4666669	5333335
9	556549	3	8	100	1241	1444	1416	5795506	5333336	6000002
10	853320	2	8	70	1519	1069	0	6652927	6000003	6666669
11	146972	1	8	55	1627	0	0	6802487	6666670	7333336
12	682115	1	8	90	1793	0	0	7486229	7333337	8000003
13	888361	3	8	75	1851	1417	1906	8376383	8000004	8666670
14	885514	1	8	60	1622	0	0	9267071	8666671	9333337
15	397933	1	8	85	1295	0	0	9666626	9333338	10000004
16	847292	1	8	80	1303	0	0	10515213	10000005	10666671
17	265742	2	8	90	1810	1580	0	10782258	10666672	11333338
18	1071481	3	8	80	1429	1742	1506	11857129	11333339	12000005

Total number of pulses in waveform = 34  
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## Type 5 Radar Waveform\_6

Num of Bursts = 20  
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	411441	1	19	60	1182	0	0	411441	0	599999
2	223228	2	19	75	1038	1673	0	635851	600000	1199999
3	716895	1	19	70	1173	0	0	1355457	1200000	1799999
4	644016	1	19	65	1111	0	0	2000646	1800000	2399999
5	529825	1	19	90	1322	0	0	2531582	2400000	2999999
6	1039965	1	19	55	1117	0	0	3572869	3000000	3599999
7	526103	1	19	50	1044	0	0	4100089	3600000	4199999
8	312449	1	19	55	1726	0	0	4413582	4200000	4799999
9	788787	3	19	80	1016	1075	1087	5204095	4800000	5399999
10	527305	2	19	60	1185	1672	0	5734578	5400000	5999999
11	305981	3	19	100	1049	1523	1048	6043416	6000000	6599999
12	697828	3	19	80	1427	1396	1721	6744864	6600000	7199999
13	859077	2	19	75	1185	1192	0	7608485	7200000	7799999
14	489584	2	19	85	1410	1281	0	8100446	7800000	8399999
15	482253	3	19	95	1342	1006	1138	8585390	8400000	8999999
16	645600	1	19	90	1367	0	0	9234476	9000000	9599999
17	762340	2	19	70	1524	1437	0	9998183	9600000	10199999
18	496380	1	19	50	1150	0	0	10497524	10200000	10799999
19	583060	1	19	85	1894	0	0	11081734	10800000	11399999
20	688639	1	19	50	1894	0	0	11772267	11400000	11999999

Total number of pulses in waveform = 33  
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## Type 5 Radar Waveform\_7

Num of Bursts = 10  
Burst Interval (us) = 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1127769	3	6	75	1978	1945	1792	1127769	0	1199999
2	432673	2	6	80	1057	1041	0	1566157	1200000	2399999
3	1627111	2	6	50	1266	1147	0	3195366	2400000	3599999
4	577779	3	6	100	1808	1330	1565	3775558	3600000	4799999
5	1680825	2	6	55	1888	1891	0	5461086	4800000	5999999
6	1083797	3	6	75	1496	1444	1123	6548662	6000000	7199999
7	727588	2	6	70	1893	1661	0	7280313	7200000	8399999
8	2181693	2	6	65	1546	1856	0	9465560	8400000	9599999
9	1096049	1	6	55	1682	0	0	10565011	9600000	10799999
10	645036	3	6	95	1937	1393	1969	11211729	10800000	11999999

Total number of pulses in waveform = 23  
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## Type 5 Radar Waveform\_8

Num of Bursts = 18  
Burst Interval (us) = 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	575847	2	10	55	1579	1550	0	575847	0	666666
2	436737	2	10	50	1741	1428	0	1015713	666667	1333333
3	519482	3	10	50	1740	1355	1344	1538364	1333334	2000000
4	1044861	1	10	50	1267	0	0	2587664	2000001	2666667
5	565253	3	10	100	1903	1814	1876	3154184	2666668	3333334
6	479630	3	10	50	1938	1985	1843	3639407	3333335	4000001
7	576037	2	10	95	1465	1873	0	4221210	4000002	4666668
8	950826	3	10	85	1335	1921	1585	5175374	4666669	5333335
9	730417	2	10	95	1300	1645	0	5910632	5333336	6000002
10	417298	2	10	85	1170	1714	0	6330875	6000003	6666669
11	447218	2	10	60	1806	1461	0	6780977	6666670	7333336
12	632583	1	10	55	1728	0	0	7416827	7333337	8000003
13	1020017	3	10	75	1484	1171	1623	8438572	8000004	8666670
14	518473	2	10	75	1596	1502	0	8961323	8666671	9333337
15	926578	1	10	90	1223	0	0	9890999	9333338	10000004
16	384196	2	10	95	1872	1812	0	10276418	10000005	10666671
17	730871	3	10	95	1215	1129	1793	11010973	10666672	11333338
18	357554	2	10	80	1870	1071	0	11372664	11333339	12000005

Total number of pulses in waveform = 39

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## Type 5 Radar Waveform\_9

Num of Bursts = 11  
Burst Interval (us) = 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	957007	1	17	85	1065	0	0	957007	0	1090908
2	557923	1	17	95	1041	0	0	1515995	1090909	2181817
3	767171	2	17	75	1641	1461	0	2284207	2181818	3272726
4	1421351	2	17	85	1359	1729	0	3708660	3272727	4363635
5	989447	3	17	100	1026	1791	1399	4701195	4363636	5454544
6	1365352	1	17	50	1402	0	0	6070763	5454545	6545453
7	1479563	3	17	50	1602	1024	1570	7551728	6545454	7636362
8	941083	2	17	80	1431	1962	0	8497007	7636363	8727271
9	851181	1	17	65	1738	0	0	9351581	8727272	9818180
10	1364589	1	17	60	1728	0	0	10717908	9818181	10909089
11	987174	3	17	55	1889	1176	1384	11706810	10909090	11999998

Total number of pulses in waveform = 20

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## Type 5 Radar Waveform\_10

Num of Bursts = 14  
Burst Interval (us) = 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	767839	2	9	80	1991	1417	0	767839	0	857142
2	444826	3	9	50	1761	1485	1432	1216073	857143	1714285
3	1283606	2	9	50	1781	1134	0	2504357	1714286	2571428
4	511541	3	9	60	1056	1396	1246	3018813	2571429	3428571
5	1153139	3	9	80	1021	1844	1194	4175650	3428572	4285714
6	557195	1	9	60	1342	0	0	4736904	4285715	5142857
7	1076865	3	9	85	1341	1449	1425	5815111	5142858	6000000
8	946045	1	9	55	1525	0	0	6765371	6000001	6857143
9	151321	2	9	95	1937	1407	0	6918217	6857144	7714286
10	1079121	1	9	85	1874	0	0	8000682	7714287	8571429
11	1026099	3	9	55	1686	1753	1062	9028655	8571430	9428572
12	834134	1	9	85	1788	0	0	9867290	9428573	10285715
13	887281	2	9	60	1900	1142	0	10756359	10285716	11142858
14	512978	3	9	50	1554	1191	1740	11272379	11142859	12000001

Total number of pulses in waveform = 30

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## Type 5 Radar Waveform\_11

Num of Bursts = 15  
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	351874	2	8	75	1903	1636	0	351874	0	799999
2	1002762	2	8	65	1176	1412	0	1358175	800000	1599999
3	584483	3	8	50	1960	1846	1420	1945246	1600000	2399999
4	738006	3	8	100	1914	1038	1988	2688478	2400000	3199999
5	1077742	1	8	95	1449	0	0	3771160	3200000	3999999
6	711215	3	8	60	1052	1205	1487	4483824	4000000	4799999
7	1010767	3	8	70	1115	1462	1944	5498335	4800000	5599999
8	778106	1	8	95	1765	0	0	6280962	5600000	6399999
9	127728	2	8	50	1415	1626	0	6410455	6400000	7199999
10	866478	3	8	85	1506	1694	1162	7279974	7200000	7999999
11	1364069	3	8	60	1486	1235	1408	8648405	8000000	8799999
12	734750	1	8	60	1397	0	0	9387284	8800000	9599999
13	542840	3	8	50	1441	1597	1390	9931521	9600000	10399999
14	513905	2	8	60	1451	1730	0	10449854	10400000	11199999
15	1272389	2	6	50	1582	1664	0	11725424	11200000	11999999

Total number of pulses in waveform = 34

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## Type 5 Radar Waveform\_12

Num of Bursts = 13  
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	722294	3	6	55	1174	1183	1835	722294	0	923076
2	801919	2	6	80	1959	1172	0	1528405	923077	1846153
3	965391	2	6	85	1486	1852	0	2496927	1846154	2769230
4	1165791	2	6	80	1529	1388	0	3666056	2769231	3692307
5	431948	2	6	75	1164	1170	0	4100921	3692308	4615384
6	871807	3	6	50	1233	1601	1118	4975062	4615385	5538461
7	1266951	1	6	65	1680	0	0	6245965	5538462	6461538
8	560599	1	6	85	1443	0	0	6808244	6461539	7384615
9	582084	1	6	90	1454	0	0	7391771	7384616	8307692
10	1481048	2	6	70	1256	1462	0	8874273	8307693	9230769
11	932676	1	6	60	1442	0	0	9809667	9230770	10153846
12	1227232	3	6	85	1177	1851	1804	11038341	10153847	11076923
13	616297	2	6	55	1889	1447	0	11659470	11076924	12000000

Total number of pulses in waveform = 25

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## Type 5 Radar Waveform\_13

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	712304	2	19	100	1939	1171	0	712304	0	999999
2	1103370	2	19	50	1335	1037	0	1818784	1000000	1999999
3	410058	2	19	65	1252	1741	0	2231214	2000000	2999999
4	1724451	1	19	70	1438	0	0	3958658	3000000	3999999
5	880087	1	19	70	1790	0	0	4840183	4000000	4999999
6	1039711	2	19	60	1125	1488	0	5881684	5000000	5999999
7	551832	2	19	65	1401	1461	0	6436129	6000000	6999999
8	1028449	3	19	60	1235	1891	1232	7467440	7000000	7999999
9	1009153	2	19	70	1092	1657	0	8480951	8000000	8999999
10	1206654	2	19	55	1546	1170	0	9690354	9000000	9999999
11	441700	2	19	90	1896	1801	0	10134770	10000000	10999999
12	1311820	3	19	100	1019	1439	1569	11450287	11000000	11999999

Total number of pulses in waveform = 24

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## Type 5 Radar Waveform\_14

Num of Bursts = 14  
Burst Interval (us) = 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	445441	3	18	100	1110	1867	1561	445441	0	857142
2	1172689	3	18	55	1341	1096	1916	1622668	857143	1714285
3	706840	2	18	70	1208	1671	0	2333861	1714286	2571428
4	1050110	3	18	80	1963	1558	1995	3386850	2571429	3428571
5	491315	2	18	65	1096	1570	0	3883681	3428572	4285714
6	864659	1	18	85	1003	0	0	4751006	4285715	5142857
7	773019	2	18	55	1884	1621	0	5525028	5142858	6000000
8	1155342	1	18	90	1735	0	0	6683875	6000001	6857143
9	191275	1	18	85	1733	0	0	6876885	6857144	7714286
10	1105197	3	18	65	1204	1054	1960	7983815	7714287	8571429
11	1208088	3	18	90	1008	1493	1409	9196121	8571430	9428572
12	426020	3	18	70	1343	1547	1632	9626051	9428573	10285715
13	938032	1	18	95	1735	0	0	10568605	10285716	11142858
14	704240	1	18	65	1979	0	0	11274580	11142859	12000001

Total number of pulses in waveform = 29

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## Type 5 Radar Waveform\_15

Num of Bursts = 10  
Burst Interval (us) = 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	587436	1	5	85	1718	0	0	587436	0	1199999
2	742974	3	5	85	1917	1952	1044	1332128	1200000	2399999
3	1722369	1	5	85	1581	0	0	3059410	2400000	3599999
4	1146963	1	5	90	1240	0	0	4207954	3600000	4799999
5	1335427	2	5	95	1407	1610	0	5544621	4800000	5999999
6	1362141	3	5	50	1409	1521	1009	6909779	6000000	7199999
7	1459490	3	5	95	1517	1816	1332	8373208	7200000	8399999
8	1127345	1	5	100	1775	0	0	9505218	8400000	9599999
9	531263	3	5	100	1433	1582	1244	10038256	9600000	10799999
10	1616428	2	5	65	1617	1779	0	11658943	10800000	11999999

Total number of pulses in waveform = 20

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## Type 5 Radar Waveform\_16

Num of Bursts = 9  
Burst Interval (us) = 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	19139	2	14	55	1436	1292	0	19139	0	1333332
2	2380118	1	14	70	1990	0	0	2401985	1333333	2666665
3	1287725	3	14	95	1516	1684	1753	3691700	2666666	3999998
4	1434258	1	14	60	1678	0	0	5130911	3999999	5333331
5	820343	1	14	50	1095	0	0	5952932	5333332	6666664
6	851581	2	14	80	1752	1763	0	6805608	6666665	7999997
7	1717775	1	14	85	1658	0	0	8526898	7999998	9333330
8	2115513	1	14	100	1609	0	0	10644069	9333331	10666663
9	1054376	3	14	90	1103	1229	1131	11700054	10666664	11999996

Total number of pulses in waveform = 15

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**Type 5 Radar Waveform\_17**

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	209870	3	9	75	1788	1831	1115	209870	0	999999
2	1234957	2	9	80	1181	1612	0	1449561	1000000	1999999
3	1517434	2	9	70	1050	1617	0	2969788	2000000	2999999
4	589723	1	9	55	1031	0	0	3562178	3000000	3999999
5	1285645	3	9	60	1918	1947	1751	4848854	4000000	4999999
6	1117816	2	9	95	1909	1683	0	5972286	5000000	5999999
7	780494	1	9	65	1251	0	0	6756372	6000000	6999999
8	797452	3	9	75	1823	1187	1794	7555075	7000000	7999999
9	580027	2	9	50	1284	1114	0	8139906	8000000	8999999
10	965891	3	9	80	1097	1136	1060	9108195	9000000	9999999
11	1203584	3	9	80	1711	1818	1263	10315072	10000000	10999999
12	735444	3	9	85	1802	1648	1530	11055308	11000000	11999999

Total number of pulses in waveform = 28

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**Type 5 Radar Waveform\_18**

Num of Bursts = 8  
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	482255	2	12	80	1221	1166	0	482255	0	1499999
2	2162778	2	12	65	1048	1832	0	2647420	1500000	2999999
3	758088	1	12	50	1981	0	0	3408388	3000000	4499999
4	2513199	2	12	65	1071	1903	0	5923568	4500000	5999999
5	789144	1	12	65	1690	0	0	6715686	6000000	7499999
6	1965175	1	12	85	1298	0	0	8682551	7500000	8999999
7	335627	2	12	65	1093	1692	0	9019476	9000000	10499999
8	1905670	2	12	85	1253	1136	0	10927931	10500000	11999999

Total number of pulses in waveform = 13

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**Type 5 Radar Waveform\_19**

Num of Bursts = 15  
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	487558	3	17	80	1734	1373	1162	487558	0	799999
2	594627	3	17	85	1060	1759	1720	1086454	800000	1599999
3	711490	3	17	70	1061	1440	1684	1802483	1600000	2399999
4	1182629	1	17	100	1512	0	0	2989297	2400000	3199999
5	986067	1	17	80	1675	0	0	3976876	3200000	3999999
6	363568	3	17	60	1190	1670	1592	4342119	4000000	4799999
7	932923	1	17	50	1685	0	0	5279494	4800000	5599999
8	878931	2	17	75	1696	1016	0	6160110	5600000	6399999
9	683069	2	17	60	1826	1159	0	6845891	6400000	7199999
10	544566	2	17	65	1180	1826	0	7393442	7200000	7999999
11	888056	2	17	85	1878	1407	0	8284504	8000000	8799999
12	680753	1	15	70	1499	0	0	8968542	8800000	9599999
13	983030	3	17	100	1346	1384	1090	9953071	9600000	10399999
14	671349	1	17	70	1845	0	0	10628240	10400000	11199999
15	675515	3	17	65	1219	1283	1586	11305600	11200000	11999999

Total number of pulses in waveform = 31

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**Type 5 Radar Waveform\_20**

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	702691	1	10	90	1797	0	0	702691	0	1199999
2	609632	2	10	70	1750	1829	0	1314120	1200000	2399999
3	1565089	2	10	95	1013	1694	0	2882788	2400000	3599999
4	1353333	1	10	80	1494	0	0	4238828	3600000	4799999
5	1735946	3	10	70	1775	1582	1036	5976268	4800000	5999999
6	881962	2	10	60	1748	1979	0	6862623	6000000	7199999
7	395483	3	10	50	1585	1565	1541	7261833	7200000	8399999
8	2025654	2	10	75	1944	1086	0	9292178	8400000	9599999
9	586513	2	10	65	1467	1948	0	9881721	9600000	10799999
10	934738	2	10	60	1554	1584	0	10819874	10800000	11999999

Total number of pulses in waveform = 20

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**Type 5 Radar Waveform\_21**

Num of Bursts = 20  
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	190986	3	10	95	1852	1275	1691	190986	0	599999
2	752789	3	10	90	1661	1530	1692	948593	600000	1199999
3	837697	3	10	95	1218	1563	1544	1791173	1200000	1799999
4	472864	1	10	65	1122	0	0	2268362	1800000	2399999
5	339078	2	10	75	1059	1958	0	2608562	2400000	2999999
6	590686	2	10	80	1134	1576	0	3202265	3000000	3599999
7	711442	3	10	95	1035	1484	1154	3916417	3600000	4199999
8	514951	3	10	90	1791	1221	1248	4435041	4200000	4799999
9	932833	3	10	75	1479	1906	1514	5372134	4800000	5399999
10	326629	3	10	60	1927	1820	1812	5703662	5400000	5999999
11	854746	1	10	65	1803	0	0	6563967	6000000	6599999
12	403953	1	10	70	1112	0	0	6969723	6600000	7199999
13	405753	1	10	80	1251	0	0	7376588	7200000	7799999
14	916702	3	10	60	1682	1687	1686	8294541	7800000	8399999
15	510330	2	10	75	1431	1991	0	8809926	8400000	8999999
16	562764	2	10	70	1480	1489	0	9376112	9000000	9599999
17	273924	1	10	90	1310	0	0	9653005	9600000	10199999
18	719863	3	10	50	1947	1156	1989	10374178	10200000	10799999
19	503001	2	10	55	1259	1423	0	10882271	10800000	11399999
20	639229	1	10	85	1188	0	0	11524182	11400000	11999999

Total number of pulses in waveform = 43

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**Type 5 Radar Waveform\_22**

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	279873	2	17	60	1876	1340	0	279873	0	1333332
2	2054838	1	17	80	1570	0	0	2337927	1333333	2666665
3	347893	3	17	90	1787	1325	1656	2687390	2666666	3999998
4	2414820	1	17	70	1159	0	0	5106978	3999999	5333331
5	769745	3	17	75	1055	1350	1845	5877882	5333332	6666664
6	1122977	1	17	75	1532	0	0	7005109	6666665	7999997
7	1218048	3	17	100	1409	1106	1876	8224689	7999998	9333330
8	1219966	3	17	65	1316	1069	1497	9449046	9333331	10666663
9	1489245	3	17	80	1257	1462	1482	10942173	10666664	11999996

Total number of pulses in waveform = 20

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## Type 5 Radar Waveform\_23

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	403158	1	5	50	1814	0	0	403158	0	857142
2	900247	3	5	80	1425	1333	1548	1305219	857143	1714285
3	672889	2	5	85	1321	1915	0	1982414	1714286	2571428
4	796612	3	5	85	1680	1914	1965	2782262	2571429	3428571
5	1242331	1	5	85	1602	0	0	4030152	3428572	4285714
6	1031344	3	5	55	1803	1722	1767	5063098	4285715	5142857
7	314504	2	5	75	1986	1037	0	5382894	5142858	6000000
8	1225231	3	5	100	1025	1711	1263	6611148	6000001	6857143
9	854701	1	5	80	1184	0	0	7469848	6857144	7714286
10	990503	2	5	95	1847	1669	0	8461535	7714287	8571429
11	291181	1	5	60	1869	0	0	8756232	8571430	9428572
12	1022940	3	5	70	1494	1662	1147	9781041	9428573	10285715
13	714878	2	5	70	1317	1087	0	10500222	10285716	11142858
14	1257246	3	5	85	1137	1089	1236	11759872	11142859	12000001

Total number of pulses in waveform = 30

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## Type 5 Radar Waveform\_24

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	534130	1	8	70	1448	0	0	534130	0	1090908
2	927858	3	8	50	1501	1794	1294	1463436	1090909	2181817
3	845475	2	8	60	1853	1306	0	2313500	2181818	3272726
4	1107879	2	8	75	1474	1933	0	3424538	3272727	4363635
5	1274460	3	8	80	1464	1286	1488	4702405	4363636	5454544
6	1836600	1	8	65	1504	0	0	6543243	5454545	6545453
7	55478	1	8	65	1888	0	0	6600225	6545454	7636362
8	1801337	3	8	55	1524	1104	1477	8403450	7636363	8727271
9	1099534	3	8	50	1349	1363	1555	9507089	8727272	9818180
10	968045	3	8	65	1395	1817	1737	10479401	9818181	10909089
11	1313161	2	8	90	1585	1279	0	11797511	10909090	11999998

Total number of pulses in waveform = 24

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## Type 5 Radar Waveform\_25

Num of Bursts = 16  
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	510524	1	6	55	1925	0	0	510524	0	749999
2	816293	2	6	90	1420	1242	0	1328742	750000	1499999
3	470838	1	6	90	1450	0	0	1802242	1500000	2249999
4	1087571	3	6	100	1074	1388	1066	2891263	2250000	2999999
5	747140	3	6	85	1028	1502	1866	3641931	3000000	3749999
6	165508	1	6	95	1946	0	0	3811835	3750000	4499999
7	1233575	2	6	75	1315	1385	0	5047356	4500000	5249999
8	257801	2	6	90	1533	1731	0	5307857	5250000	5999999
9	1139968	1	6	100	1273	0	0	6451089	6000000	6749999
10	452060	2	6	95	1487	1788	0	6904422	6750000	7499999
11	947986	3	6	90	1400	1766	1002	7855683	7500000	8249999
12	1061676	3	6	70	1683	1143	1751	8921527	8250000	8999999
13	524295	3	6	55	1908	1212	1123	9450399	9000000	9749999
14	567156	2	6	80	1362	1000	0	10021798	9750000	10499999
15	503300	3	6	75	1796	1710	1586	10527460	10500000	11249999
16	1223338	2	6	50	1065	1259	0	11755890	11250000	11999999

Total number of pulses in waveform = 34

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## Type 5 Radar Waveform\_26

Num of Bursts = 18  
Burst Interval (us) = 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	578444	2	18	100	1212	1714	0	578444	0	666666
2	158905	1	18	70	1309	0	0	740275	666667	1333333
3	814094	2	18	60	1708	1113	0	1555678	1333334	2000000
4	495614	3	18	95	1884	1267	1200	2054113	2000001	2666667
5	852107	2	18	65	1364	1988	0	2910571	2666668	3333334
6	546013	1	18	75	1860	0	0	3459936	3333335	4000001
7	862523	2	18	90	1318	1922	0	4324319	4000002	4666668
8	448028	1	18	90	1137	0	0	4775587	4666669	5333335
9	944788	1	18	100	1383	0	0	5721512	5333336	6000002
10	560677	2	18	60	1815	1687	0	6283572	6000003	6666669
11	916535	2	18	65	1430	1095	0	7203609	6666670	7333336
12	389648	2	18	55	1479	1987	0	7595782	7333337	8000003
13	471924	3	18	75	1922	1942	1059	8071172	8000004	8666670
14	1040209	3	18	60	1576	1889	1304	9116304	8666671	9333337
15	703209	2	18	95	1647	1886	0	9824282	9333338	10000004
16	729022	3	18	65	1019	1634	1275	10556837	10000005	10666671
17	742039	3	18	60	1265	1938	1060	11302804	10666672	11333338
18	179651	2	18	70	1494	1409	0	11486718	11333339	12000005

Total number of pulses in waveform = 37

## Type 5 Radar Waveform\_27

Num of Bursts = 16  
Burst Interval (us) = 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	487223	2	14	90	1518	1114	0	487223	0	749999
2	931873	3	14	100	1262	1414	1532	1421728	750000	1499999
3	387732	1	14	55	1400	0	0	1813668	1500000	2249999
4	701140	2	14	65	1368	1743	0	2516208	2250000	2999999
5	695862	3	14	100	1252	1566	1844	3215181	3000000	3749999
6	619477	1	14	60	1849	0	0	3839320	3750000	4499999
7	1071676	3	14	65	1735	1230	1261	4912845	4500000	5249999
8	340557	3	14	80	1420	1444	1625	5257628	5250000	5999999
9	1461543	1	14	85	1954	0	0	6723660	6000000	6749999
10	563740	3	14	60	1196	1797	1268	7289354	6750000	7499999
11	559702	3	14	100	1007	1706	1582	7853317	7500000	8249999
12	885424	3	14	100	1437	1846	1184	8743036	8250000	8999999
13	717582	1	14	60	1610	0	0	9465085	9000000	9749999
14	709174	2	14	95	1489	1495	0	10175869	9750000	10499999
15	842449	1	14	75	1053	0	0	11021302	10500000	11249999
16	704638	1	14	65	1301	0	0	11726993	11250000	11999999

Total number of pulses in waveform = 33

## Type 5 Radar Waveform\_28

Num of Bursts = 20  
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	190986	3	10	95	1852	1275	1691	190986	0	599999
2	752789	3	10	90	1661	1530	1692	948593	600000	1199999
3	837697	3	10	95	1218	1563	1544	1791173	1200000	1799999
4	472864	1	10	65	1122	0	0	2268362	1800000	2399999
5	339078	2	10	75	1059	1958	0	2608562	2400000	2999999
6	590686	2	10	80	1134	1576	0	3202265	3000000	3599999
7	711442	3	10	95	1035	1484	1154	3916417	3600000	4199999
8	514951	3	10	90	1791	1221	1248	4435041	4200000	4799999
9	932833	3	10	75	1479	1906	1514	5372134	4800000	5399999
10	326629	3	10	60	1927	1820	1812	5703662	5400000	5999999
11	854746	1	10	65	1803	0	0	6563967	6000000	6599999
12	403953	1	10	70	1112	0	0	6969723	6600000	7199999
13	405753	1	10	80	1251	0	0	7376588	7200000	7799999
14	916702	3	10	60	1682	1687	1686	8294541	7800000	8399999
15	510330	2	10	75	1431	1991	0	8809926	8400000	8999999
16	562764	2	10	70	1480	1489	0	9376112	9000000	9599999
17	273924	1	10	90	1310	0	0	9653005	9600000	10199999
18	719863	3	10	50	1947	1156	1989	10374178	10200000	10799999
19	503001	2	10	55	1259	1423	0	10882271	10800000	11399999
20	639229	1	10	85	1188	0	0	11524182	11400000	11999999

Total number of pulses in waveform = 43

**Type 5 Radar Waveform\_29**

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	192365	2	12	85	1961	1486	0	192365	0	999999
2	930769	1	12	85	1138	0	0	1126581	1000000	1999999
3	1231177	1	12	100	1027	0	0	2358896	2000000	2999999
4	964227	2	12	50	1549	1748	0	3324150	3000000	3999999
5	903939	1	12	100	1319	0	0	4231386	4000000	4999999
6	911520	3	12	95	1674	1561	1386	5144225	5000000	5999999
7	996514	1	12	90	1387	0	0	6145360	6000000	6999999
8	1252861	2	12	50	1720	1280	0	7399608	7000000	7999999
9	1342428	1	12	80	1381	0	0	8745036	8000000	8999999
10	1188169	2	12	50	1242	1961	0	9934586	9000000	9999999
11	185463	1	12	90	1685	0	0	10123252	10000000	10999999
12	1032025	2	12	70	1717	1639	0	11156962	11000000	11999999

Total number of pulses in waveform = 19

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**Type 5 Radar Waveform\_30**

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	74857	3	19	100	1155	1254	1202	74857	0	1199999
2	1634350	1	19	55	1253	0	0	1712818	1200000	2399999
3	1548688	2	19	75	1967	1411	0	3262759	2400000	3599999
4	575996	1	19	95	1488	0	0	3842133	3600000	4799999
5	1492254	2	19	85	1600	1099	0	5335875	4800000	5999999
6	1712966	1	19	100	1354	0	0	7051540	6000000	7199999
7	1291416	3	19	90	1401	1024	1503	8344310	7200000	8399999
8	105891	1	19	70	1524	0	0	8454129	8400000	9599999
9	1311493	1	19	90	1323	0	0	9767146	9600000	10799999
10	1461679	1	19	50	1283	0	0	11230148	10800000	11999999

Total number of pulses in waveform = 16

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### Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5327	1	16	5327	1
2	5327	1	17	5327	1
3	5327	1	18	5327	1
4	5327	1	19	5327	1
5	5327	1	20	5327	1
6	5327	1	21	5327	1
7	5327	1	22	5327	1
8	5327	1	23	5327	1
9	5327	1	24	5327	1
10	5327	1	25	5327	1
11	5327	1	26	5327	1
12	5327	1	27	5327	1
13	5327	1	28	5327	1
14	5327	1	29	5327	1
15	5327	1	30	5327	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5313	33	3	5311	9
20	5343	60	4	5355	12
28	5302	84	5	5335	15
35	5356	105	9	5328	27
36	5327	108	10	5327	30
40	5345	120	20	5310	60
46	5347	138	31	5339	93
57	5300	171	41	5326	123
66	5331	198	42	5321	126
68	5342	204	49	5343	147
79	5332	237	51	5356	153
84	5297	252	55	5303	165
90	5298	270	61	5351	183
93	5301	279	71	5336	213
95	5355	285	72	5312	216
98	5326	294	77	5352	231
99	5350	297	98	5340	294
--	--	--	99	5323	297

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5297	3	3	5337	9
7	5338	21	6	5315	18
19	5309	57	12	5338	36
20	5320	60	18	5311	54
21	5346	63	29	5303	87
24	5319	72	37	5298	111
42	5351	126	49	5345	147
50	5353	150	52	5327	156
55	5299	165	53	5321	159
71	5336	213	56	5336	168
78	5355	234	66	5314	198
83	5354	249	67	5330	201
86	5305	258	71	5348	213
91	5350	273	76	5302	228
--	--	--	94	5319	282

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5340	0	3	5320	9
5	5326	15	9	5332	27
19	5313	57	26	5317	78
20	5337	60	27	5302	81
24	5323	72	33	5316	99
25	5319	75	37	5321	111
30	5348	90	46	5353	138
36	5306	108	47	5327	141
41	5333	123	53	5310	159
47	5298	141	54	5308	162
56	5303	168	57	5357	171
59	5325	177	63	5301	189
69	5307	207	70	5341	210
74	5335	222	72	5326	216
76	5339	228	74	5337	222
88	5299	264	76	5312	228
--	--	--	87	5342	261



Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5321	0	3	5330	9
1	5351	3	12	5344	36
3	5302	9	14	5326	42
5	5329	15	18	5337	54
13	5349	39	22	5339	66
16	5335	48	27	5298	81
17	5355	51	52	5346	156
36	5323	108	63	5334	189
41	5328	123	69	5320	207
45	5336	135	72	5356	216
46	5339	138	74	5328	222
49	5333	147	75	5340	225
52	5353	156	93	5345	279
62	5347	186	--	--	--
68	5316	204	--	--	--
69	5340	207	--	--	--
73	5307	219	--	--	--
84	5356	252	--	--	--
95	5310	285	--	--	--
96	5297	288	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5338	21	0	5313	0
31	5327	93	1	5334	3
52	5332	156	9	5345	27
54	5340	162	11	5330	33
58	5297	174	17	5311	51
64	5313	192	26	5354	78
86	5309	258	34	5308	102
88	5312	264	42	5315	126
89	5341	267	58	5317	174
95	5314	285	60	5307	180
97	5346	291	68	5320	204
99	5326	297	84	5336	252
--	--	--	87	5303	261
--	--	--	91	5348	273

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5329	3	0	5314	0
27	5303	81	18	5311	54
30	5346	90	42	5356	126
42	5301	126	49	5319	147
55	5340	165	91	5342	273
68	5353	204	94	5349	282
72	5338	216	97	5320	291
80	5325	240	0	5314	0
87	5323	261	--	--	--
88	5322	264	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5338	30	1	5336	3
16	5326	48	6	5327	18
22	5334	66	23	5307	69
24	5324	72	35	5337	105
33	5340	99	39	5323	117
45	5316	135	42	5351	126
46	5328	138	51	5299	153
58	5317	174	60	5339	180
62	5329	186	61	5310	183
65	5314	195	68	5319	204
66	5355	198	85	5355	255
76	5354	228	96	5346	288
79	5318	237	--	--	--
85	5302	255	--	--	--
97	5307	291	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5341	27	6	5315	18
10	5304	30	17	5322	51
42	5331	126	23	5319	69
48	5315	144	42	5306	126
55	5306	165	43	5302	129
63	5310	189	51	5331	153
74	5329	222	52	5310	156
81	5325	243	57	5329	171
87	5308	261	60	5312	180
92	5336	276	75	5305	225
93	5343	279	77	5354	231
95	5322	285	79	5344	237
--	--	--	89	5336	267
--	--	--	99	5301	297

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
20	5329	60	6	5305	18
23	5327	69	7	5355	21
27	5326	81	9	5311	27
29	5328	87	23	5349	69
30	5297	90	31	5303	93
38	5342	114	41	5306	123
45	5343	135	43	5325	129
46	5320	138	56	5357	168
50	5298	150	63	5302	189
51	5336	153	69	5326	207
58	5330	174	73	5317	219
63	5346	189	--	--	--
64	5356	192	--	--	--
68	5348	204	--	--	--
78	5324	234	--	--	--
85	5308	255	--	--	--
94	5341	282	--	--	--
95	5332	285	--	--	--
97	5352	291	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5318	6	48	5321	144
3	5310	9	69	5354	207
38	5299	114	72	5344	216
40	5338	120	77	5353	231
46	5341	138	82	5316	246
51	5357	153	89	5315	267
55	5323	165	93	5303	279
62	5353	186	--	--	--
63	5330	189	--	--	--
75	5332	225	--	--	--
77	5326	231	--	--	--
94	5322	282	--	--	--
97	5355	291	--	--	--

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5314	0	4	5329	12
5	5318	15	11	5298	33
6	5313	18	27	5338	81
7	5323	21	28	5355	84
10	5350	30	50	5299	150
21	5353	63	77	5319	231
51	5300	153	--	--	--
58	5325	174	--	--	--
75	5355	225	--	--	--
89	5343	267	--	--	--
92	5349	276	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5309	15	9	5334	27
9	5332	27	11	5328	33
33	5323	99	14	5344	42
37	5310	111	19	5321	57
38	5356	114	37	5329	111
39	5333	117	38	5298	114
41	5353	123	40	5341	120
46	5315	138	41	5326	123
51	5344	153	51	5315	153
63	5350	189	59	5335	177
67	5312	201	67	5299	201
77	5343	231	77	5353	231
79	5322	237	91	5357	273
--	--	--	93	5356	279
--	--	--	94	5314	282

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
63	5310	189	6	5312	18
72	5349	216	10	5302	30
78	5323	234	15	5332	45
79	5336	237	17	5349	51
84	5311	252	23	5308	69
87	5331	261	24	5325	72
93	5314	279	36	5318	108
--	--	--	47	5354	141
--	--	--	54	5351	162
--	--	--	55	5313	165
--	--	--	59	5339	177
--	--	--	64	5303	192
--	--	--	66	5350	198
--	--	--	72	5299	216
--	--	--	96	5305	288

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5326	3	20	5314	60
19	5345	57	23	5299	69
40	5323	120	24	5338	72
56	5338	168	30	5308	90
58	5307	174	47	5343	141
73	5299	219	69	5340	207
80	5324	240	71	5297	213
84	5319	252	80	5326	240
89	5341	267	81	5310	243
99	5353	297	86	5302	258
--	--	--	96	5337	288
--	--	--	99	5325	297

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5340	6	1	5319	3
3	5310	9	5	5346	15
10	5355	30	14	5314	42
24	5313	72	17	5306	51
46	5326	138	20	5323	60
59	5341	177	25	5332	75
60	5305	180	28	5333	84
65	5339	195	35	5331	105
66	5300	198	41	5300	123
73	5349	219	63	5305	189
75	5331	225	73	5347	219
76	5304	228	74	5326	222
99	5308	297	75	5345	225
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## 6. CONCLUSION

The data collected relate only the item(s) tested and show that the **US Wi-Fi AP 2x2 OD ext.**

**antenna, Model No.: FZCWMBOM1, FCC ID: 2AD8UFZCWMBOM1** is in compliance with Part 15E of the FCC Rules & IC Rules.

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The End