

**Appendix A. Radar Parameters****<5300MHz>**

Type 1 Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	1222.5	818	Yes
2	22	1066.1	938	Yes
3	6	1618.1	618	Yes
4	3	1792.1	558	Yes
5	23	326.2	3066	Yes
6	20	1113.6	898	Yes
7	21	1089.3	918	Yes
8	10	1432.7	698	Yes
9	19	1139.0	878	Yes
10	9	1474.9	678	Yes
11	4	1730.1	578	Yes
12	15	1253.1	798	Yes
13	5	1672.2	598	Yes
14	7	1567.4	638	Yes
15	18	1165.5	858	Yes
16			2122	Yes
17			2411	Yes
18			3007	Yes
19			2302	Yes
20			2135	Yes
21			2396	Yes
22			759	Yes
23			1284	Yes
24			699	Yes
25			541	Yes
26			1083	NO
27			2604	Yes
28			2867	Yes
29			2114	NO
30			603	Yes

**<5300MHz>**

Type2 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	28	2.80	199	Yes
2	25	4.70	183	No
3	28	3.40	161	No
4	26	1.80	189	Yes
5	24	2.00	193	Yes
6	26	3.00	211	Yes
7	23	4.80	191	No
8	26	2.40	152	Yes
9	27	2.90	185	Yes
10	29	3.50	161	No
11	25	4.70	186	Yes
12	26	1.80	156	No
13	27	4.60	212	Yes
14	29	3.00	159	Yes
15	28	3.60	199	Yes
16	23	1.60	230	Yes
17	24	4.60	229	Yes
18	26	3.30	153	Yes
19	24	2.80	214	Yes
20	23	2.10	201	Yes
21	29	4.10	189	Yes
22	29	3.60	230	Yes
23	29	4.40	165	No
24	29	4.70	161	No
25	27	3.40	198	Yes
26	25	1.30	208	Yes
27	24	3.80	216	Yes
28	28	4.80	155	Yes
29	29	1.10	216	Yes
30	24	2.00	209	Yes

**<5300MHz>**

Type3 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	16	7.30	286	Yes
2	18	6.90	367	Yes
3	17	6.30	478	Yes
4	18	6.70	287	Yes
5	16	6.00	310	Yes
6	16	8.50	375	Yes
7	18	9.20	482	Yes
8	18	7.80	331	No
9	17	7.40	328	No
10	16	6.00	344	Yes
11	17	7.30	252	No
12	16	10.00	322	Yes
13	18	6.60	298	Yes
14	16	9.50	461	No
15	16	10.00	258	Yes
16	17	7.90	488	Yes
17	18	9.30	283	Yes
18	17	8.40	451	No
19	17	6.40	439	Yes
20	18	9.50	490	Yes
21	18	7.30	455	Yes
22	16	9.00	321	Yes
23	18	8.30	250	Yes
24	18	9.40	254	Yes
25	18	6.80	359	Yes
26	16	7.80	265	Yes
27	18	8.20	286	Yes
28	18	7.90	433	Yes
29	17	6.70	287	Yes
30	18	6.60	298	Yes

**<5300MHz>**

Type4 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	16	15.80	452	Yes
2	12	11.50	348	Yes
3	14	12.10	470	Yes
4	12	11.20	400	Yes
5	15	19.80	283	Yes
6	13	16.40	420	Yes
7	16	19.70	462	No
8	15	16.80	469	Yes
9	14	16.00	476	Yes
10	15	13.30	315	Yes
11	13	16.90	425	Yes
12	13	12.70	471	Yes
13	13	11.40	296	Yes
14	15	13.80	370	Yes
15	16	15.30	327	Yes
16	16	20.00	305	Yes
17	16	15.00	275	Yes
18	12	18.70	302	No
19	13	17.80	281	Yes
20	13	13.90	445	Yes
21	12	14.50	483	Yes
22	16	12.60	433	No
23	15	13.40	314	Yes
24	13	14.90	398	Yes
25	15	18.50	453	Yes
26	12	15.60	371	No
27	15	17.80	415	Yes
28	14	12.20	362	Yes
29	14	14.90	389	Yes
30	13	14.70	472	Yes

**<5300MHz>****Type 5**

Trial Number:1	Frequency (MHz)	5294.9	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	50	14			656144
2	1	55	8			730703
3	3	75	20	1382	1620	140564
4	3	75	9	1302	1572	486891
5	2	90	16	1502		854801
6	1	85	9			942692
7	2	85	6	1353		766607
8	1	60	11			511999
9	2	85	14	1804		63779
10	2	95	11	1193		807114
11	1	75	20			463983
12	1	50	14			669516
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Trial Number:2	Frequency (MHz)	5319.1	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	16	1535	1677	615252
2	2	60	19	991		852002
3	3	100	6	1052	931	365160
4	2	50	11	1748		687831
5	1	50	8			301731
6	3	80	7	1692	1058	1319318
7	1	65	7			188539
8	3	95	8	1684	973	985691
9	2	55	10	1323		591506
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Trial Number:3	Frequency (MHz)	5305.4	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	65	7	1076	1603	115484
2	3	75	8	1146	1591	306190
3	3	65	9	1177	1789	201770
4	2	65	10	1403		830492
5	2	95	10	1237		190647
6	2	85	10	1719		443856
7	2	85	14	1913		442689
8	2	70	11	1762		761988
9	3	70	14	1046	1831	223370
10	2	60	16	1169		148103
11	2	75	6	1147		743852
12	1	80	18			233319
13	2	75	9	1501		821348
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Trial Number:4	Frequency (MHz)	5305.1	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	55	15	1163		237103
2	1	65	16			657550
3	1	75	9			279509
4	3	65	13	1260	1028	829906
5	1	70	8			763872
6	3	55	12	1231	1517	896515
7	1	75	17			620506
8	3	80	20	1292	1052	15068
9	1	65	6			688755
10	2	75	5	1193		882697
11	1	50	9			450206
12	2	95	20	1332		673472
13	2	80	14	1608		258428
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Trial Number:5	Frequency (MHz)	5270.7	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	85	16			494411
2	2	60	20	1398		922496
3	2	50	19	1240		1142783
4	3	85	20	1574	1738	910803
5	3	85	20	982	1568	1164495
6	2	70	12	1033		266779
7	3	75	9	1798	1812	939619
8	2	100	8	953		205470
9	3	75	8	1325	1883	1266066
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Trial Number:6	Frequency (MHz)	5314.9	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	65	5			432185
2	1	90	18			692614
3	1	75	14			293120
4	2	60	14	1010		27652
5	2	55	12	1131		785923
6	1	65	15			762729
7	3	60	7	1861	1842	51011
8	1	100	6			295306
9	2	55	16	1704		378050
10	1	85	10			506468
11	2	90	8	1500		154061
12	2	80	8	958		501668
13	3	85	8	1275	1284	443705
14	3	60	11	963	1104	450665
15	2	50	11	1457		556346
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Trial Number:7	Frequency (MHz)	5294.9	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	12	1234		497005
2	2	50	7	1782		245100
3	2	50	18	1229		638125
4	3	60	8	1562	1123	400128
5	3	90	18	1091	1574	966012
6	3	60	12	1537	1440	224778
7	1	95	13			202605
8	2	75	9	1697		465649
9	1	70	8			947665
10	3	80	12	1674	1860	505880
11	3	55	10	1167	1504	202922
12	1	70	19			378171
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Trial Number:8	Frequency (MHz)	5302.4	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	100	13			832729
2	1	65	11			663470
3	1	65	12			1136749
4	2	70	5	1752		149749
5	1	80	11			430257
6	3	70	20	1170	1138	197588
7	3	95	18	1087	1714	469157
8	1	65	13			55016
9	3	70	11	1755	950	108427
10	2	70	20	1669		327928
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Trial Number:9	Frequency (MHz)	5263.9	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	9	1295		88423
2	2	70	16	1861		22830
3	3	100	9	1227	1319	782364
4	1	65	18			179738
5	1	80	7			589363
6	1	60	11			763104
7	1	85	10			461635
8	2	95	15	1381		885384
9	1	65	17			438561
10	3	50	20	1663	997	717337
11	3	85	8	1702	1014	54776
12	3	65	9	1323	1865	602701
13	3	85	6	1068	1768	332453
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Trial Number:10	Frequency (MHz)	5297.2	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	10	1007	1322	332650
2	2	95	18	1881		188705
3	1	80	11			348018
4	1	80	6			623568
5	2	60	16	1799		328311
6	1	70	15			418311
7	2	60	19	1764		605219
8	3	65	9	1690	1593	371648
9	2	60	14	996		428205
10	3	100	10	1680	1557	108767
11	3	70	9	961	1210	45780
12	2	50	10	1656		236938
13	2	60	12	1674		361309
14	3	75	6	1334	1160	453986
15	3	50	10	1627	1746	143386
16	2	55	16	1269		54033
17	2	95	20	965		415497
18	3	55	15	1739	1495	514523
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Trial Number:11	Frequency (MHz)	5298.7	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	11	1067		6617
2	3	65	15	1606	1008	598822
3	3	60	8	1658	1442	618750
4	2	65	11	1922		377658
5	3	85	16	1402	1469	451288
6	1	90	5			10605
7	1	95	13			554434
8	3	60	5	1176	1152	170945
9	1	65	12			608979
10	1	100	14			429639
11	3	75	20	1521	1257	618277
12	2	70	10	1549		497970
13	3	85	6	1451	1666	67920
14	2	65	12	965		403447
15	3	70	18	1055	1154	336749
16	1	85	13			457269
17	3	90	8	1740	1239	430585
18	3	85	16	1558	1621	415498
19	1	80	5			441754
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Trial Number:12	Frequency (MHz)	5313.4	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	65	11			986461
2	3	55	17	1553	1333	91055
3	3	65	14	1345	1885	1022101
4	3	50	20	1848	1667	961453
5	1	85	8			150439
6	2	50	19	1915		930679
7	3	55	20	1449	1498	1222195
8	1	55	13			1243118
9	1	55	7			1190433
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Trial Number:13	Frequency (MHz)	5311.3	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	85	15			6799
2	2	95	13	1812		283073
3	1	55	17			296194
4	1	55	5			456377
5	1	85	16			243484
6	1	70	15			368399
7	3	75	18	1128	1192	49216
8	2	65	19	1036		822147
9	1	75	6			187359
10	3	100	20	1459	1562	237858
11	2	55	11	1245		210720
12	2	55	14	1840		689620
13	3	65	6	1553	1048	731997
14	1	75	12			407217
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Trial Number:14	Frequency (MHz)	5312.2	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	10	1062	1352	291966
2	3	70	7	1886	1695	181621
3	2	85	8	1635		245339
4	1	80	17			89616
5	3	75	7	1759	1006	467789
6	2	85	13	1378		129026
7	2	60	11	1518		144948
8	3	55	20	1027	978	342715
9	1	50	17			131211
10	3	90	9	1256	1011	568288
11	1	75	11			592879
12	1	100	13			87422
13	2	90	6	1643		165032
14	1	50	7			372934
15	2	70	20	1246		52009
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Trial Number:15	Frequency (MHz)	5313.5	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	8	956		473668
2	2	90	11	1179		306510
3	3	90	7	1591	1348	345345
4	2	95	5	1580		282851
5	3	95	11	1149	1827	384434
6	3	100	16	1823	1632	165378
7	2	90	17	1710		237076
8	3	100	19	1402	1808	541018
9	1	60	15			362262
10	3	60	16	1120	1815	536119
11	2	60	6	951		267083
12	2	55	11	1080		318753
13	3	75	11	998	1160	157711
14	1	65	16			183853
15	3	95	19	1376	1748	243419
16	1	55	7			193713
17	2	70	11	1285		141838
18	3	100	18	1079	1669	25226
19	3	50	5	1145	1085	152736
20	3	70	11	1496	1068	303474



Trial Number:16	Frequency (MHz)	5300.7	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	15	1614		423167
2	2	60	8	1428		590649
3	3	85	7	1534	1642	12580
4	2	60	10	1626		330409
5	2	90	20	1028		107217
6	2	65	5	1487		791446
7	1	85	16			7511
8	2	55	13	1598		919511
9	1	60	16			1049047
10	1	85	10			469255
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Trial Number:17	Frequency (MHz)	5300.7	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	100	11	1063	1087	223378
2	2	95	17	1399		604337
3	1	95	8			313144
4	3	95	18	1609	1694	415810
5	1	60	14			291162
6	2	100	8	1294		143191
7	1	80	16			464314
8	3	95	10	1441	1257	643051
9	1	65	20			171070
10	3	50	11	1332	978	91556
11	3	70	6	1212	1521	624931
12	2	100	11	1842		275410
13	2	55	13	1447		639427
14	3	60	20	1917	1576	370016
15	2	80	12	1912		83304
16	3	70	18	1521	1654	70230
17	2	50	12	1047		25433
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Trial Number:18	Frequency (MHz)	5297.5	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	10	1637	1508	436227
2	2	75	10	1738		119228
3	2	70	11	1775		209796
4	2	55	18	1247		285966
5	2	95	13	1205		578476
6	3	65	5	1852	1385	128748
7	3	85	16	1650	973	705707
8	3	95	8	1270	1757	864649
9	3	90	18	969	1111	184528
10	3	100	13	1520	1089	336517
11	2	65	9	1408		885774
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Trial Number:19	Frequency (MHz)	5287	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	55	6	1570	1337	501358
2	3	90	18	1729	1091	694455
3	2	75	18	1378		730468
4	3	70	8	1107	1661	288230
5	2	95	9	1559		46312
6	1	90	7			610079
7	1	65	8			603683
8	2	70	7	1884		28481
9	2	75	12	1186		738095
10	1	70	6			607318
11	2	65	12	1199		717346
12	1	85	14			160752
13	2	50	18	1107		348584
14	3	50	15	1030	1107	735803
15	1	90	9			472885
16	1	55	8			8039
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Trial Number:20	Frequency (MHz)	5296.5	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	10	1096	1733	754705
2	2	55	17	1566		683965
3	1	80	11			785067
4	1	50	17			535979
5	2	100	11	1425		721800
6	3	60	6	1058	1805	288257
7	1	50	20			78724
8	2	55	20	1615		269078
9	2	95	14	1784		159338
10	3	55	16	1422	1816	277182
11	2	70	9	1431		207016
12	3	50	7	1941	1498	371809
13	1	100	9			589119
14	3	80	19	1232	1174	134273
15	1	70	15			708917
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Trial Number:21	Frequency (MHz)	5298.6	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	19	1920		5096
2	1	80	5			529549
3	1	100	17			463436
4	1	95	19			381060
5	3	65	17	1717	992	58983
6	1	85	10			214602
7	2	95	11	1186		386155
8	2	85	10	1062		477600
9	2	85	15	1124		578475
10	1	70	8			441286
11	3	65	14	1027	1628	370230
12	2	100	16	1635		12278
13	3	70	8	1076	1174	675600
14	2	95	9	1617		739020
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Trial Number:22	Frequency (MHz)	5307	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	90	17			644160
2	2	80	18	926		91807
3	3	90	6	1088	1808	490729
4	3	65	11	1672	1855	648154
5	3	60	19	1638	1592	507230
6	2	95	9	1806		487288
7	3	65	5	1277	1363	61755
8	2	65	16	1473		471358
9	3	60	17	1779	1414	288649
10	1	100	14			137281
11	3	85	20	1253	1010	290794
12	1	75	9			411583
13	1	80	9			220516
14	3	55	17	1784	1683	439631
15	1	55	17			464498
16	1	50	14			694296
17	3	75	13	1137	1055	677097
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Trial Number:23	Frequency (MHz)	5264.9	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	11	1118		643010
2	1	55	10			526012
3	1	75	15			384629
4	1	75	16			515103
5	3	50	18	1829	1086	968459
6	3	95	11	992	1122	503997
7	3	100	12	1227	1870	778064
8	3	60	7	1928	1737	308442
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Trial Number:24	Frequency (MHz)	5306.6	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	70	11	1417	1111	55304
2	3	95	6	1525	1722	626757
3	2	70	17	1677		678443
4	3	95	6	1776	1158	365753
5	2	80	9	1790		189328
6	2	80	19	1222		253243
7	3	85	16	1570	1166	349641
8	1	70	9			487412
9	1	55	17			408046
10	3	75	7	989	1620	484434
11	1	65	8			478136
12	1	65	18			364815
13	2	65	13	1577		71552
14	1	80	7			378893
15	3	50	20	1311	1672	497212
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Trial Number:25	Frequency (MHz)	5264.3	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	70	7			322035
2	3	100	5	1052	1891	746173
3	1	75	9			476046
4	1	60	18			80997
5	2	55	19	1790		907635
6	2	60	13	1415		911815
7	1	75	5			847511
8	1	85	20			1000829
9	3	75	10	1341	1743	1077187
10	2	75	12	1523		849586
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Trial Number:26	Frequency (MHz)	5297.3	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	12	1427	1452	544247
2	2	80	6	1474		495217
3	2	65	13	1145		614661
4	3	85	17	1306	1669	456913
5	3	80	9	963	1647	614969
6	3	80	13	1375	1502	428713
7	3	75	5	1897	1273	255812
8	2	70	5	947		21555
9	3	55	15	1228	1931	689488
10	3	75	14	1159	1447	727099
11	2	95	10	1306		504734
12	3	95	7	1364	1660	705964
13	1	65	16			301922
14	3	55	17	1154	1474	459127
15	3	95	5	1822	1585	65026
16	2	65	13	1396		184460
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19						
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Trial Number:27	Frequency (MHz)	5314.4	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	18	1446	1486	484949
2	1	100	8			831237
3	2	95	13	1621		36111
4	2	80	12	1728		81910
5	1	50	11			687220
6	3	75	5	1617	1724	790349
7	1	85	6			281779
8	2	75	16	1834		186849
9	2	50	14	1120		754760
10	2	100	20	1861		45558
11	3	55	14	1653	1346	90173
12	2	75	5	1468		504356
13	2	80	7	1703		421693
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Trial Number:28	Frequency (MHz)	5289.5	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	17			190405
2	1	70	11			140655
3	2	65	7	964		1003117
4	1	80	15			643630
5	1	80	18			694210
6	1	90	8			879683
7	1	100	9			1182909
8	1	85	11			854100
9	3	75	15	1319	1306	1266617
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Trial Number:29	Frequency (MHz)	5287.2	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	60	11	1926	1447	702656
2	3	50	8	978	1516	102153
3	1	90	19			584509
4	3	60	9	1237	1905	583477
5	2	65	5	1798		394234
6	2	65	6	1120		58994
7	2	65	19	1562		537060
8	1	100	5			95483
9	3	70	9	1661	1215	789605
10	2	80	14	1155		396999
11	2	85	12	1220		299691
12	3	95	12	1227	987	190209
13	2	60	14	1836		714151
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15						
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18						
19						
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Trial Number:30	Frequency (MHz)	5265.1	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	55	5	1637	1830	290800
2	1	65	16			379007
3	2	70	8	1854		458452
4	2	60	14	1767		328843
5	1	85	8			465840
6	1	65	17			324517
7	1	90	7			105766
8	2	95	8	1323		207787
9	3	60	14	1046	1027	561742
10	1	100	18			456455
11	2	50	15	1676		164150
12	1	70	19			385795
13	3	70	20	1319	1246	326982
14	2	50	17	1508		32760
15	3	65	9	1893	1806	481817
16	1	75	6			400573
17	3	90	13	1652	1405	106713
18	3	70	17	1361	1231	242982
19	3	75	15	1315	1609	273849
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**<5310MHz>**

Type 1 Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	19	1139.0	878	Yes
2	3	1792.1	558	Yes
3	6	1618.1	618	Yes
4	20	1113.6	898	Yes
5	15	1253.1	798	Yes
6	21	1089.3	918	Yes
7	11	1392.8	718	Yes
8	10	1432.7	698	Yes
9	4	1730.1	578	Yes
10	1	1930.5	518	Yes
11	13	1319.3	758	Yes
12	18	1165.5	858	Yes
13	5	1672.2	598	Yes
14	2	1858.7	538	Yes
15	12	1355.0	738	Yes
16			2060	Yes
17			1313	Yes
18			3018	Yes
19			1109	Yes
20			2203	Yes
21			641	Yes
22			687	Yes
23			2244	Yes
24			2093	Yes
25			1095	Yes
26			864	Yes
27			3006	Yes
28			2236	Yes
29			643	Yes
30			1712	Yes

**<5310MHz>**



Type2 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	29	4.90	189	Yes
2	25	2.80	226	Yes
3	29	2.70	178	Yes
4	27	1.10	150	Yes
5	28	5.00	212	Yes
6	25	4.80	203	Yes
7	24	3.90	176	Yes
8	23	3.60	228	Yes
9	26	3.60	213	Yes
10	23	1.30	173	Yes
11	24	4.20	216	Yes
12	29	2.80	169	Yes
13	23	3.40	208	No
14	24	3.40	199	Yes
15	26	2.00	152	Yes
16	26	1.50	223	Yes
17	26	2.20	208	Yes
18	28	3.80	191	Yes
19	23	1.30	151	Yes
20	25	2.10	220	Yes
21	26	1.70	150	Yes
22	28	4.40	208	Yes
23	23	1.80	158	Yes
24	25	2.50	161	Yes
25	28	4.70	217	Yes
26	25	3.10	209	Yes
27	27	2.80	199	Yes
28	23	4.40	188	Yes
29	24	1.60	178	No
30	24	2.90	228	Yes

**<5310MHz>**

Type3 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	17	8.10	382	No
2	18	7.20	500	Yes
3	17	6.30	325	Yes
4	17	7.20	449	Yes
5	17	7.90	335	Yes
6	18	6.50	290	No
7	17	7.40	429	Yes
8	16	6.80	439	Yes
9	18	8.00	404	Yes
10	17	7.30	462	Yes
11	17	7.60	295	No
12	18	7.20	368	No
13	16	8.90	258	Yes
14	17	7.30	493	Yes
15	18	9.70	325	Yes
16	16	7.40	396	No
17	17	7.50	261	Yes
18	17	6.40	274	Yes
19	16	9.50	282	Yes
20	17	9.90	472	Yes
21	18	9.00	262	Yes
22	17	7.50	498	Yes
23	16	9.30	460	Yes
24	18	9.50	485	Yes
25	16	9.80	407	No
26	16	6.70	411	Yes
27	17	6.60	481	Yes
28	17	7.40	384	Yes
29	18	9.30	382	Yes
30	17	7.30	460	Yes

**<5310MHz>**

Type4 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	15	16.30	371	Yes
2	16	19.50	413	Yes
3	16	11.50	392	Yes
4	12	16.10	266	Yes
5	15	17.20	449	No
6	14	12.60	413	Yes
7	15	11.90	370	Yes
8	13	13.80	264	Yes
9	16	13.40	380	Yes
10	15	16.40	361	Yes
11	15	18.10	359	No
12	15	15.00	430	Yes
13	16	13.00	469	Yes
14	16	16.60	294	Yes
15	12	13.40	483	Yes
16	16	12.80	428	Yes
17	16	16.90	326	Yes
18	15	16.90	278	Yes
19	13	14.00	342	Yes
20	16	17.70	443	Yes
21	15	16.60	495	Yes
22	14	19.60	433	No
23	14	16.50	293	Yes
24	16	14.10	328	Yes
25	15	11.10	339	Yes
26	13	12.30	403	No
27	12	14.60	380	Yes
28	15	11.20	484	Yes
29	12	11.60	453	No
30	12	17.80	379	No

**<5310MHz>****Type 5**

Trial Number:1	Frequency (MHz)	5301.9	Number of Bursts in trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	18	1781		64531
2	1	90	12			381630
3	1	90	10			359884
4	3	65	5	1104	1538	175839
5	3	65	12	1608	1706	298785
6	2	75	11	1468		82226
7	3	60	13	1927	1032	231274
8	3	65	10	1903	1319	433583
9	1	55	11			525566
10	3	95	6	1058	1526	222780
11	1	70	13			197603
12	1	60	7			435456
13	1	95	18			455903
14	1	65	13			423556
15	2	65	8	1542		606018
16	1	80	13			191509
17	3	70	15	1388	1069	267859
18	1	55	9			157087
19						
20						



Trial Number:2	Frequency (MHz)	5307	Number of Bursts in trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	75	9	1255	1166	380483
2	1	60	7			574050
3	2	100	18	1177		539283
4	2	95	20	1707		412838
5	2	50	11	985		290557
6	3	80	11	1836	1891	54990
7	1	95	8			441865
8	3	80	20	1744	920	106283
9	3	60	9	1311	1237	250414
10	3	75	15	1257	1615	208061
11	1	60	18			113115
12	1	70	10			276108
13	1	55	9			210758
14	3	85	14	982	1344	404629
15	3	60	7	1168	1757	278688
16	3	80	11	1089	1826	74243
17	3	70	14	1057	1846	205241
18	3	65	17	958	1201	65593
19	3	85	13	1344	1041	584262
20						





Trial Number:3	Frequency (MHz)	5306.5	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	16	954		522573
2	3	50	9	1047	1883	259568
3	2	60	12	1785		506295
4	2	85	9	1879		674916
5	3	70	15	1290	1890	760478
6	3	75	6	1920	1093	826019
7	3	90	18	1798	943	437990
8	3	60	17	1123	1581	441554
9	2	55	20	1297		100603
10	1	75	15			393674
11	2	85	13	1900		460997
12	1	90	8			178563
13	1	70	14			647129
14	2	80	14	1261		327374
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19						
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Trial Number:4	Frequency (MHz)	5310.2	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	65	15	1410		434443
2	2	80	8	943		437880
3	2	95	10	1391		324958
4	2	80	13	1135		128219
5	1	50	16			743665
6	2	75	8	974		292514
7	3	80	6	1570	1831	298356
8	1	95	15			556461
9	3	90	16	1753	1679	107715
10	1	75	5			231143
11	3	85	7	1780	1322	865515
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19						
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Trial Number:5	Frequency (MHz)	5311.9	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	55	16	1666	1878	477525
2	2	75	20	1087		55341
3	3	60	11	1916	1326	528400
4	1	80	10			352392
5	1	60	10			464113
6	2	90	11	1255		581888
7	1	65	5			474075
8	3	55	17	1063	1674	658863
9	1	90	7			403683
10	3	65	13	1420	965	131137
11	3	55	10	1898	1030	371770
12	2	75	16	932		35909
13	2	100	11	1274		144075
14	2	70	6	1864		417782
15	2	65	16	1812		336061
16	1	65	15			105215
17	2	55	8	1607		315630
18	1	85	16			586176
19						
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Trial Number:6	Frequency (MHz)	5321.6	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	95	17			193859
2	2	55	15	1688		680351
3	2	65	16	1127		20424
4	3	85	19	1743	1352	106464
5	3	95	9	1763	1709	270566
6	3	100	14	1786	1680	519163
7	3	55	11	1520	1043	555389
8	3	90	14	1654	1632	471158
9	3	65	12	1135	1471	707637
10	3	50	7	1278	1306	306003
11	2	80	18	1312		54514
12	2	90	17	1839		274504
13	1	60	16			360215
14	2	55	20	1587		687941
15	2	65	14	1627		725715
16						
17						
18						
19						
20						



Trial Number:7	Frequency (MHz)	5301.5	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	85	11	1074		1069612
2	2	80	9	1388		493128
3	1	70	5			775777
4	3	95	8	1122	1719	435201
5	2	70	9	1467		147674
6	3	50	9	1231	1464	700058
7	2	50	18	1211		544059
8	2	60	17	1386		762789
9	2	80	8	1152		633977
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18						
19						
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Trial Number:8	Frequency (MHz)	5302.3	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	85	9	1775		485611
2	1	100	10			148674
3	2	85	19	1147		346023
4	2	70	12	1510		415549
5	3	55	10	1305	1580	312395
6	1	100	19			338883
7	3	70	5	1204	1519	637522
8	2	75	13	1772		687866
9	2	100	7	1325		704731
10	1	55	8			531578
11	1	95	10			397874
12	2	95	10	1691		321592
13	1	90	19			255842
14	3	65	17	944	1854	731013
15						
16						
17						
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Trial Number:9	Frequency (MHz)	5304.4	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	14	1740	1511	185173
2	3	95	19	1067	1510	197121
3	1	70	11			135752
4	1	70	9			595168
5	2	70	17	1508		554439
6	1	55	9			385413
7	2	60	17	1156		38292
8	3	90	17	1653	1897	207053
9	2	50	9	1684		641276
10	2	55	20	1439		115330
11	1	60	15			341794
12	3	50	10	1201	1740	650458
13	1	90	8			245975
14	3	60	17	991	1336	534383
15	3	85	19	1397	1743	113089
16	3	65	17	1741	1876	578768
17	3	65	14	1843	1052	50087
18	2	60	7	1209		208499
19						
20						



Trial Number:10	Frequency (MHz)	5316.9	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	65	19	1391	1044	701361
2	2	95	12	1605		275479
3	2	70	17	1885		221932
4	1	60	18			26501
5	3	95	18	1373	1540	1117735
6	2	90	7	1677		62074
7	2	55	6	1727		470883
8	1	85	12			484821
9	3	60	6	1775	1926	886813
10	2	50	9	1000		724782
11						
12						
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Trial Number:11	Frequency (MHz)	5312.9	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	50	7	1181		98938
2	3	70	9	1217	1794	737143
3	1	70	19			98755
4	1	90	10			58111
5	3	60	20	1444	1633	930450
6	2	70	11	1398		118996
7	2	85	19	1142		832433
8	3	90	15	1581	1178	9958
9	3	75	8	1704	1212	627918
10	2	100	8	1261		845806
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Trial Number:12	Frequency (MHz)	5321.6	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	90	14			4048
2	2	80	5	1026		202346
3	3	55	20	1786	1902	453495
4	1	70	20			25851
5	3	55	17	1397	1290	325506
6	1	80	15			382213
7	1	95	13			361680
8	1	100	5			139482
9	3	80	20	1185	1195	104987
10	2	75	6	1658		246942
11	2	90	19	1745		293595
12	2	80	13	1337		57755
13	2	65	16	1817		85912
14	3	90	12	1404	1564	558400
15	3	70	11	1320	1238	235008
16	3	70	19	940	1807	262141
17	2	70	19	1643		578502
18	1	55	8			577979
19	3	50	20	1020	1347	56643
20	2	50	6	1646		506654



Trial Number:13	Frequency (MHz)	5313.4	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	55	18			1180382
2	1	100	13			983858
3	3	85	6	1832	1118	103598
4	3	55	9	1199	1748	1381158
5	2	70	10	1653		975133
6	1	95	11			929755
7	1	60	11			556049
8	3	75	6	1010	1592	517029
9						
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11						
12						
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14						
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19						
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Trial Number:14	Frequency (MHz)	5307.2	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	14	1898	1012	772516
2	2	70	12	1911		179886
3	2	85	19	1534		589443
4	1	60	9			326388
5	1	95	12			721185
6	2	55	18	1734		84990
7	2	85	19	1395		488974
8	1	80	20			225346
9	1	85	17			433761
10	2	65	6	1716		169661
11	1	90	19			268062
12	1	85	17			636069
13	3	90	10	1442	1443	469044
14	3	85	20	1801	1528	427322
15						
16						
17						
18						
19						
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Trial Number:15	Frequency (MHz)	5311.3	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	5			582559
2	3	90	8	1060	1222	682779
3	3	75	10	1611	1124	211875
4	3	95	13	1206	1703	63741
5	1	65	12			799099
6	2	90	7	1046		790932
7	1	80	12			6748
8	2	70	19	1660		609249
9	1	95	6			871900
10	3	80	9	1368	1175	236245
11	2	100	8	976		74036
12	1	75	5			531462
13	1	60	19			872361
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17						
18						
19						
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Trial Number:16	Frequency (MHz)	5300.2	Number of Bursts in Trial:	11	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	80	9	1177		621842
2	2	85	12	1084		1006371
3	3	70	12	1262	1012	1012412
4	3	95	18	937	1450	466578
5	2	55	14	1423		298904
6	1	85	17			378859
7	3	80	8	1212	1840	1047463
8	2	65	11	1729		740752
9	2	70	5	1798		340811
10	2	75	18	1817		1025967
11	1	75	18			594219
12						
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15						
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17						
18						
19						
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Trial Number:17	Frequency (MHz)	5317.4	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	55	12			768227
2	3	95	12	1881	911	1436928
3	3	80	9	1282	977	955805
4	3	95	14	1248	1640	104362
5	1	70	17			1089468
6	3	100	8	1067	1771	778920
7	2	75	19	1707		56942
8	3	50	18	1387	1417	1123461
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Trial Number:18	Frequency (MHz)	5297.4	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	90	17			416300
2	3	65	19	1507	1608	622756
3	2	65	20	1776		532329
4	1	85	14			423622
5	3	75	9	1847	1211	509836
6	3	65	19	1300	949	199596
7	3	95	8	1513	1282	620695
8	2	80	19	1487		384261
9	3	80	20	1548	1129	332465
10	2	70	18	1831		527677
11	2	75	10	1754		5388
12	3	70	9	1047	1846	625123
13	2	75	11	1871		497910
14	3	60	8	1819	1297	7891
15	2	75	14	1913		323319
16	1	95	6			240728
17	1	85	13			619352
18						
19						
20						





Trial Number:19	Frequency (MHz)	5314.8	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	65	5			297049
2	1	80	19			546074
3	3	90	15	1475	1644	53598
4	3	95	18	1874	1044	36178
5	3	75	16	1224	1170	413165
6	2	75	9	1356		270825
7	2	95	15	966		115048
8	3	100	14	1187	1074	56395
9	1	70	5			204163
10	3	100	15	1669	1477	121802
11	2	80	10	977		315905
12	3	60	11	1614	1676	247001
13	3	65	17	1733	1018	115341
14	1	75	5			24657
15	3	75	14	1393	1813	215245
16	3	100	17	1357	1856	6333
17	2	90	13	1825		408981
18	1	65	19			19203
19	3	85	6	1025	1710	509040
20						



Trial Number:20	Frequency (MHz)	5305.4	Number of Bursts in Trial:	12	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	18	1743		449136
2	3	90	18	1227	1389	577640
3	1	95	11			152771
4	1	70	19			299692
5	3	50	10	1216	1696	124026
6	1	55	11			535443
7	2	85	15	1527		723
8	2	60	8	1622		417474
9	1	75	14			442168
10	1	65	14			45405
11	2	60	13	1295		213467
12	1	50	10			125498
13						
14						
15						
16						
17						
18						
19						
20						



Trial Number:21	Frequency (MHz)	5308.1	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	14	1104	956	214441
2	2	95	18	1119		378660
3	1	65	15			417341
4	2	100	10	1426		186344
5	3	60	14	1440	1091	579496
6	3	60	12	1102	1395	56510
7	2	50	6	1013		156805
8	1	85	12			16468
9	1	55	11			535443
10	2	85	15	1527		723
11	2	60	8	1622		417474
12	1	75	14			442168
13	1	65	14			45405
14	2	60	13	1295		213467
15	1	50	10			125498
16						
17						
18						
19						
20						



Trial Number:22	Frequency (MHz)	5315.6	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	16	1457		180350
2	3	50	16	1138	1015	591909
3	3	100	7	1515	965	571502
4	2	65	20	1279		179795
5	3	55	15	1386	1149	696475
6	3	85	7	1011	1279	372681
7	3	95	14	1104	956	214441
8	2	95	18	1119		378660
9	1	65	15			417341
10	2	100	10	1426		186344
11	3	60	14	1440	1091	579496
12	3	60	12	1102	1395	56510
13	2	50	6	1013		156805
14	1	85	12			16468
15						
16						
17						
18						
19						
20						



Trial Number:23	Frequency (MHz)	5310	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	90	20	1001	1700	472108
2	3	65	19	1121	1642	367565
3	1	80	5			51018
4	3	90	5	1070	1700	406602
5	3	65	11	963	1493	642507
6	3	60	16	1899	1172	531935
7	2	100	11	959		371673
8	3	90	13	1171	1437	297097
9	1	95	19			553995
10	1	95	5			22761
11	3	65	5	1366	1507	416043
12	1	95	8			231650
13	3	70	20	1055	1337	605465
14	3	55	16	1691	1519	413323
15	3	70	9	1298	1153	126941
16	3	100	6	1586	1303	244148
17	1	80	5			500395
18	3	90	20	1544	1684	556536
19						
20						



Trial Number:24	Frequency (MHz)	5297	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	17			308240
2	1	60	14			115590
3	3	95	9	1756	1014	959691
4	1	90	5			441729
5	2	85	8	1202		900182
6	3	80	17	1691	1719	657383
7	3	95	8	1400	1034	634757
8	2	60	8	1317		53140
9	2	85	7	987		32451
10	3	65	20	1699	1188	411988
11	1	80	12			177097
12	1	70	20			781004
13						
14						
15						
16						
17						
18						
19						
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Trial Number:25	Frequency (MHz)	5318.4	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	90	11	1253	1398	396588
2	3	85	16	1741	1503	129745
3	3	55	20	1670	1784	155336
4	1	70	11			683929
5	1	65	18			168884
6	1	100	8			295569
7	1	50	11			276848
8	3	50	19	1939	1134	877651
9	3	50	16	1035	1643	31321
10	1	60	12			81020
11	1	75	7			922799
12	3	75	19	1462	1853	98375
13						
14						
15						
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19						
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Trial Number:26	Frequency (MHz)	5305.3	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	90	17	1123	1587	212351
2	1	85	11			4980
3	1	95	12			244960
4	2	95	14	1316		42718
5	2	55	14	1004		445070
6	1	70	17			692968
7	2	85	17	1387		270546
8	3	75	8	1145	1038	680089
9	1	55	5			545903
10	2	95	7	1511		256724
11	1	55	13			223067
12	3	90	18	1440	1105	90239
13	3	55	13	1292	1937	470519
14	3	70	5	1078	1546	353978
15	2	70	16	1588		63061
16	1	95	10			413203
17	3	90	20	1010	1351	371288
18						
19						
20						





Trial Number:27	Frequency (MHz)	5303	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	7	1325	1192	710976
2	3	65	6	1115	1395	619974
3	2	75	5	1356		686201
4	2	65	11	1347		171273
5	3	75	20	1003	1069	543514
6	3	95	19	1368	1194	618951
7	1	85	9			584472
8	2	60	15	1086		461553
9	1	60	9			436410
10	2	100	12	1434		162359
11	3	80	19	1712	1791	462938
12	2	65	8	1715		16280
13	1	100	9			553532
14	1	55	16			470765
15	3	55	15	1545	1333	485058
16	3	85	5	1127	1718	68772
17						
18						
19						
20						



Trial Number:28	Frequency (MHz)	5301.9	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	100	19	1261	1134	408953
2	1	75	13			7258
3	3	85	13	1226	1781	1193561
4	2	85	6	1066		559528
5	2	95	17	1252		72560
6	2	60	19	1496		1310833
7	1	65	8			458576
8	1	50	15			528235
9	2	50	8	1900		175146
10						
11						
12						
13						
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17						
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19						
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Trial Number:29	Frequency (MHz)	5297.5	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	50	18	1187		29514
2	1	75	8			323624
3	3	85	13	1298	1508	390875
4	1	100	14			287935
5	3	60	18	1897	1056	672833
6	3	80	14	977	1797	3932
7	1	60	6			622627
8	1	55	5			124704
9	3	80	8	1017	1582	545347
10	2	50	12	1451		344828
11	1	85	12			518077
12	1	85	6			50726
13	1	50	14			707423
14	1	55	20			681971
15	3	65	14	1836	1719	316936
16						
17						
18						
19						
20						



Trial Number:30	Frequency (MHz)	5317.1	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	90	9	948		409460
2	2	60	11	1457		466642
3	3	65	17	1397	1715	208621
4	2	100	10	1064		45616
5	3	65	20	1416	1894	164903
6	1	75	11			429167
7	3	90	18	1729	1688	537254
8	1	50	16			302508
9	2	50	15	1634		77584
10	2	50	10	1935		230569
11	3	60	18	1457	1047	617182
12	3	80	9	1706	1614	8714
13	1	75	13			184944
14	2	85	8	1474		175840
15	1	60	13			188403
16	3	100	15	1189	1405	331233
17	2	55	11	1899		145682
18	2	50	8	1761		412112
19	1	80	19			255410
20						

**<5290MHz>**

Type 1 Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	13	1319.3	758	Yes
2	21	1089.3	918	Yes
3	14	1285.3	778	Yes
4	6	1618.1	618	Yes
5	18	1165.5	858	Yes
6	2	1858.7	538	Yes
7	19	1139.0	878	Yes
8	4	1730.1	578	Yes
9	5	1672.2	598	Yes
10	7	1567.4	638	Yes
11	12	1355.0	738	Yes
12	9	1474.9	678	Yes
13	3	1792.1	558	Yes
14	23	326.2	3066	Yes
15	10	1432.7	698	Yes
16			2494	Yes
17			613	Yes
18			1796	Yes
19			1777	Yes
20			2055	Yes
21			2924	Yes
22			1937	Yes
23			1648	Yes
24			1325	Yes
25			1112	Yes
26			2438	Yes
27			2016	Yes
28			747	Yes
29			570	Yes
30			756	Yes

**<5290MHz>**



Type2 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	23	3.80	212	Yes
2	25	2.20	220	Yes
3	27	2.50	219	Yes
4	24	1.70	215	Yes
5	25	3.30	151	Yes
6	29	2.50	184	No
7	23	4.60	225	Yes
8	28	4.00	163	Yes
9	23	3.30	167	Yes
10	24	3.90	205	Yes
11	29	3.60	171	Yes
12	26	3.00	219	Yes
13	23	3.00	184	Yes
14	29	2.80	156	No
15	28	1.60	162	Yes
16	28	4.60	217	Yes
17	26	1.00	223	No
18	29	2.50	188	Yes
19	29	1.00	215	Yes
20	26	4.80	225	No
21	26	1.50	205	Yes
22	25	3.40	154	Yes
23	27	3.90	181	No
24	26	2.90	200	Yes
25	28	1.60	154	Yes
26	25	1.40	217	Yes
27	28	3.30	219	Yes
28	27	3.60	159	Yes
29	28	4.80	220	Yes
30	26	2.00	192	Yes

**<5290MHz>**

Type3 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	17	6.90	442	Yes
2	16	7.50	455	Yes
3	18	8.50	448	Yes
4	16	7.90	311	Yes
5	17	6.90	267	Yes
6	18	9.70	474	Yes
7	16	6.50	488	Yes
8	18	7.20	339	No
9	17	6.90	412	Yes
10	18	7.10	266	Yes
11	18	8.00	279	Yes
12	17	7.30	338	Yes
13	17	8.00	482	Yes
14	16	6.70	492	Yes
15	16	6.80	432	Yes
16	18	6.10	271	Yes
17	18	6.80	439	Yes
18	17	6.00	496	Yes
19	17	8.10	481	Yes
20	18	9.80	307	No
21	17	8.20	424	Yes
22	18	6.80	389	Yes
23	17	6.90	296	Yes
24	16	7.10	321	Yes
25	17	8.40	481	Yes
26	18	7.70	286	Yes
27	18	7.60	491	Yes
28	16	7.90	443	Yes
29	16	8.30	453	Yes
30	17	8.30	289	Yes

**<5290MHz>**

Type4 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	12	11.50	351	Yes
2	16	16.00	416	Yes
3	15	15.20	424	Yes
4	13	13.20	322	Yes
5	13	19.50	291	Yes
6	16	17.20	358	Yes
7	12	11.70	412	Yes
8	15	17.30	338	No
9	13	17.90	265	Yes
10	16	13.00	394	Yes
11	15	19.80	291	Yes
12	14	11.70	312	No
13	13	16.90	296	Yes
14	16	19.50	453	No
15	13	16.00	413	Yes
16	16	16.00	362	Yes
17	16	16.60	481	Yes
18	14	17.40	334	Yes
19	14	19.70	319	Yes
20	15	19.80	283	No
21	12	11.90	491	Yes
22	16	11.70	369	Yes
23	14	19.70	356	No
24	16	12.40	274	Yes
25	15	14.00	456	Yes
26	16	12.20	262	Yes
27	15	19.20	315	Yes
28	13	17.60	409	Yes
29	14	15.80	455	Yes
30	13	13.40	312	No



**<5290MHz>****Type 5**

Trial Number:1	Frequency (MHz)	5294.9	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	50	14			656144
2	1	55	8			730703
3	3	75	20	1382	1620	140564
4	3	75	9	1302	1572	486891
5	2	90	16	1502		854801
6	1	85	9			942692
7	2	85	6	1353		766607
8	1	60	11			511999
9	2	85	14	1804		63779
10	2	95	11	1193		807114
11	1	75	20			463983
12	1	50	14			669516
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Trial Number:2	Frequency (MHz)	5319.1	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	16	1535	1677	615252
2	2	60	19	991		852002
3	3	100	6	1052	931	365160
4	2	50	11	1748		687831
5	1	50	8			301731
6	3	80	7	1692	1058	1319318
7	1	65	7			188539
8	3	95	8	1684	973	985691
9	2	55	10	1323		591506
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Trial Number:3	Frequency (MHz)	5305.4	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	65	7	1076	1603	115484
2	3	75	8	1146	1591	306190
3	3	65	9	1177	1789	201770
4	2	65	10	1403		830492
5	2	95	10	1237		190647
6	2	85	10	1719		443856
7	2	85	14	1913		442689
8	2	70	11	1762		761988
9	3	70	14	1046	1831	223370
10	2	60	16	1169		148103
11	2	75	6	1147		743852
12	1	80	18			233319
13	2	75	9	1501		821348
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Trial Number:4	Frequency (MHz)	5305.1	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	55	15	1163		237103
2	1	65	16			657550
3	1	75	9			279509
4	3	65	13	1260	1028	829906
5	1	70	8			763872
6	3	55	12	1231	1517	896515
7	1	75	17			620506
8	3	80	20	1292	1052	15068
9	1	65	6			688755
10	2	75	5	1193		882697
11	1	50	9			450206
12	2	95	20	1332		673472
13	2	80	14	1608		258428
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Trial Number:5	Frequency (MHz)	5270.7	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	85	16			494411
2	2	60	20	1398		922496
3	2	50	19	1240		1142783
4	3	85	20	1574	1738	910803
5	3	85	20	982	1568	1164495
6	2	70	12	1033		266779
7	3	75	9	1798	1812	939619
8	2	100	8	953		205470
9	3	75	8	1325	1883	1266066
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Trial Number:6	Frequency (MHz)	5314.9	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	65	5			432185
2	1	90	18			692614
3	1	75	14			293120
4	2	60	14	1010		27652
5	2	55	12	1131		785923
6	1	65	15			762729
7	3	60	7	1861	1842	51011
8	1	100	6			295306
9	2	55	16	1704		378050
10	1	85	10			506468
11	2	90	8	1500		154061
12	2	80	8	958		501668
13	3	85	8	1275	1284	443705
14	3	60	11	963	1104	450665
15	2	50	11	1457		556346
16						
17						
18						
19						
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Trial Number:7	Frequency (MHz)	5294.9	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	12	1234		497005
2	2	50	7	1782		245100
3	2	50	18	1229		638125
4	3	60	8	1562	1123	400128
5	3	90	18	1091	1574	966012
6	3	60	12	1537	1440	224778
7	1	95	13			202605
8	2	75	9	1697		465649
9	1	70	8			947665
10	3	80	12	1674	1860	505880
11	3	55	10	1167	1504	202922
12	1	70	19			378171
13						
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19						
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Trial Number:8	Frequency (MHz)	5302.4	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	100	13			832729
2	1	65	11			663470
3	1	65	12			1136749
4	2	70	5	1752		149749
5	1	80	11			430257
6	3	70	20	1170	1138	197588
7	3	95	18	1087	1714	469157
8	1	65	13			55016
9	3	70	11	1755	950	108427
10	2	70	20	1669		327928
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Trial Number:9	Frequency (MHz)	5263.9	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	9	1295		88423
2	2	70	16	1861		22830
3	3	100	9	1227	1319	782364
4	1	65	18			179738
5	1	80	7			589363
6	1	60	11			763104
7	1	85	10			461635
8	2	95	15	1381		885384
9	1	65	17			438561
10	3	50	20	1663	997	717337
11	3	85	8	1702	1014	54776
12	3	65	9	1323	1865	602701
13	3	85	6	1068	1768	332453
14						
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16						
17						
18						
19						
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Trial Number:10	Frequency (MHz)	5297.2	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	10	1007	1322	332650
2	2	95	18	1881		188705
3	1	80	11			348018
4	1	80	6			623568
5	2	60	16	1799		328311
6	1	70	15			418311
7	2	60	19	1764		605219
8	3	65	9	1690	1593	371648
9	2	60	14	996		428205
10	3	100	10	1680	1557	108767
11	3	70	9	961	1210	45780
12	2	50	10	1656		236938
13	2	60	12	1674		361309
14	3	75	6	1334	1160	453986
15	3	50	10	1627	1746	143386
16	2	55	16	1269		54033
17	2	95	20	965		415497
18	3	55	15	1739	1495	514523
19						
20						



Trial Number:11	Frequency (MHz)	5298.7	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	11	1067		6617
2	3	65	15	1606	1008	598822
3	3	60	8	1658	1442	618750
4	2	65	11	1922		377658
5	3	85	16	1402	1469	451288
6	1	90	5			10605
7	1	95	13			554434
8	3	60	5	1176	1152	170945
9	1	65	12			608979
10	1	100	14			429639
11	3	75	20	1521	1257	618277
12	2	70	10	1549		497970
13	3	85	6	1451	1666	67920
14	2	65	12	965		403447
15	3	70	18	1055	1154	336749
16	1	85	13			457269
17	3	90	8	1740	1239	430585
18	3	85	16	1558	1621	415498
19	1	80	5			441754
20						



Trial Number:12	Frequency (MHz)	5313.4	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	65	11			986461
2	3	55	17	1553	1333	91055
3	3	65	14	1345	1885	1022101
4	3	50	20	1848	1667	961453
5	1	85	8			150439
6	2	50	19	1915		930679
7	3	55	20	1449	1498	1222195
8	1	55	13			1243118
9	1	55	7			1190433
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18						
19						
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Trial Number:13	Frequency (MHz)	5311.3	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	85	15			6799
2	2	95	13	1812		283073
3	1	55	17			296194
4	1	55	5			456377
5	1	85	16			243484
6	1	70	15			368399
7	3	75	18	1128	1192	49216
8	2	65	19	1036		822147
9	1	75	6			187359
10	3	100	20	1459	1562	237858
11	2	55	11	1245		210720
12	2	55	14	1840		689620
13	3	65	6	1553	1048	731997
14	1	75	12			407217
15						
16						
17						
18						
19						
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Trial Number:14	Frequency (MHz)	5312.2	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	10	1062	1352	291966
2	3	70	7	1886	1695	181621
3	2	85	8	1635		245339
4	1	80	17			89616
5	3	75	7	1759	1006	467789
6	2	85	13	1378		129026
7	2	60	11	1518		144948
8	3	55	20	1027	978	342715
9	1	50	17			131211
10	3	90	9	1256	1011	568288
11	1	75	11			592879
12	1	100	13			87422
13	2	90	6	1643		165032
14	1	50	7			372934
15	2	70	20	1246		52009
16						
17						
18						
19						
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Trial Number:15	Frequency (MHz)	5313.5	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	8	956		473668
2	2	90	11	1179		306510
3	3	90	7	1591	1348	345345
4	2	95	5	1580		282851
5	3	95	11	1149	1827	384434
6	3	100	16	1823	1632	165378
7	2	90	17	1710		237076
8	3	100	19	1402	1808	541018
9	1	60	15			362262
10	3	60	16	1120	1815	536119
11	2	60	6	951		267083
12	2	55	11	1080		318753
13	3	75	11	998	1160	157711
14	1	65	16			183853
15	3	95	19	1376	1748	243419
16	1	55	7			193713
17	2	70	11	1285		141838
18	3	100	18	1079	1669	25226
19	3	50	5	1145	1085	152736
20	3	70	11	1496	1068	303474



Trial Number:16	Frequency (MHz)	5300.7	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	15	1614		423167
2	2	60	8	1428		590649
3	3	85	7	1534	1642	12580
4	2	60	10	1626		330409
5	2	90	20	1028		107217
6	2	65	5	1487		791446
7	1	85	16			7511
8	2	55	13	1598		919511
9	1	60	16			1049047
10	1	85	10			469255
11						
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Trial Number:17	Frequency (MHz)	5319	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	100	11	1063	1087	223378
2	2	95	17	1399		604337
3	1	95	8			313144
4	3	95	18	1609	1694	415810
5	1	60	14			291162
6	2	100	8	1294		143191
7	1	80	16			464314
8	3	95	10	1441	1257	643051
9	1	65	20			171070
10	3	50	11	1332	978	91556
11	3	70	6	1212	1521	624931
12	2	100	11	1842		275410
13	2	55	13	1447		639427
14	3	60	20	1917	1576	370016
15	2	80	12	1912		83304
16	3	70	18	1521	1654	70230
17	2	50	12	1047		25433
18						
19						
20						



Trial Number:18	Frequency (MHz)	5297.5	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	10	1637	1508	436227
2	2	75	10	1738		119228
3	2	70	11	1775		209796
4	2	55	18	1247		285966
5	2	95	13	1205		578476
6	3	65	5	1852	1385	128748
7	3	85	16	1650	973	705707
8	3	95	8	1270	1757	864649
9	3	90	18	969	1111	184528
10	3	100	13	1520	1089	336517
11	2	65	9	1408		885774
12						
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18						
19						
20						



Trial Number:19	Frequency (MHz)	5287.6	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	55	6	1570	1337	501358
2	3	90	18	1729	1091	694455
3	2	75	18	1378		730468
4	3	70	8	1107	1661	288230
5	2	95	9	1559		46312
6	1	90	7			610079
7	1	65	8			603683
8	2	70	7	1884		28481
9	2	75	12	1186		738095
10	1	70	6			607318
11	2	65	12	1199		717346
12	1	85	14			160752
13	2	50	18	1107		348584
14	3	50	15	1030	1107	735803
15	1	90	9			472885
16	1	55	8			8039
17						
18						
19						
20						



Trial Number:20	Frequency (MHz)	5296.5	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	10	1096	1733	754705
2	2	55	17	1566		683965
3	1	80	11			785067
4	1	50	17			535979
5	2	100	11	1425		721800
6	3	60	6	1058	1805	288257
7	1	50	20			78724
8	2	55	20	1615		269078
9	2	95	14	1784		159338
10	3	55	16	1422	1816	277182
11	2	70	9	1431		207016
12	3	50	7	1941	1498	371809
13	1	100	9			589119
14	3	80	19	1232	1174	134273
15	1	70	15			708917
16						
17						
18						
19						
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Trial Number:21	Frequency (MHz)	5298.6	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	19	1920		5096
2	1	80	5			529549
3	1	100	17			463436
4	1	95	19			381060
5	3	65	17	1717	992	58983
6	1	85	10			214602
7	2	95	11	1186		386155
8	2	85	10	1062		477600
9	2	85	15	1124		578475
10	1	70	8			441286
11	3	65	14	1027	1628	370230
12	2	100	16	1635		12278
13	3	70	8	1076	1174	675600
14	2	95	9	1617		739020
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Trial Number:22	Frequency (MHz)	5307	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	90	17			644160
2	2	80	18	926		91807
3	3	90	6	1088	1808	490729
4	3	65	11	1672	1855	648154
5	3	60	19	1638	1592	507230
6	2	95	9	1806		487288
7	3	65	5	1277	1363	61755
8	2	65	16	1473		471358
9	3	60	17	1779	1414	288649
10	1	100	14			137281
11	3	85	20	1253	1010	290794
12	1	75	9			411583
13	1	80	9			220516
14	3	55	17	1784	1683	439631
15	1	55	17			464498
16	1	50	14			694296
17	3	75	13	1137	1055	677097
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Trial Number:23	Frequency (MHz)	5264.9	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	11	1118		643010
2	1	55	10			526012
3	1	75	15			384629
4	1	75	16			515103
5	3	50	18	1829	1086	968459
6	3	95	11	992	1122	503997
7	3	100	12	1227	1870	778064
8	3	60	7	1928	1737	308442
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Trial Number:24	Frequency (MHz)	5306.6	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	70	11	1417	1111	55304
2	3	95	6	1525	1722	626757
3	2	70	17	1677		678443
4	3	95	6	1776	1158	365753
5	2	80	9	1790		189328
6	2	80	19	1222		253243
7	3	85	16	1570	1166	349641
8	1	70	9			487412
9	1	55	17			408046
10	3	75	7	989	1620	484434
11	1	65	8			478136
12	1	65	18			364815
13	2	65	13	1577		71552
14	1	80	7			378893
15	3	50	20	1311	1672	497212
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Trial Number:25	Frequency (MHz)	5264.3	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	70	7			322035
2	3	100	5	1052	1891	746173
3	1	75	9			476046
4	1	60	18			80997
5	2	55	19	1790		907635
6	2	60	13	1415		911815
7	1	75	5			847511
8	1	85	20			1000829
9	3	75	10	1341	1743	1077187
10	2	75	12	1523		849586
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Trial Number:26	Frequency (MHz)	5297.3	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	12	1427	1452	544247
2	2	80	6	1474		495217
3	2	65	13	1145		614661
4	3	85	17	1306	1669	456913
5	3	80	9	963	1647	614969
6	3	80	13	1375	1502	428713
7	3	75	5	1897	1273	255812
8	2	70	5	947		21555
9	3	55	15	1228	1931	689488
10	3	75	14	1159	1447	727099
11	2	95	10	1306		504734
12	3	95	7	1364	1660	705964
13	1	65	16			301922
14	3	55	17	1154	1474	459127
15	3	95	5	1822	1585	65026
16	2	65	13	1396		184460
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Trial Number:27	Frequency (MHz)	5314.4	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	18	1446	1486	484949
2	1	100	8			831237
3	2	95	13	1621		36111
4	2	80	12	1728		81910
5	1	50	11			687220
6	3	75	5	1617	1724	790349
7	1	85	6			281779
8	2	75	16	1834		186849
9	2	50	14	1120		754760
10	2	100	20	1861		45558
11	3	55	14	1653	1346	90173
12	2	75	5	1468		504356
13	2	80	7	1703		421693
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Trial Number:28	Frequency (MHz)	5289.5	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	17			190405
2	1	70	11			140655
3	2	65	7	964		1003117
4	1	80	15			643630
5	1	80	18			694210
6	1	90	8			879683
7	1	100	9			1182909
8	1	85	11			854100
9	3	75	15	1319	1306	1266617
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Trial Number:29	Frequency (MHz)	5287.2	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	60	11	1926	1447	702656
2	3	50	8	978	1516	102153
3	1	90	19			584509
4	3	60	9	1237	1905	583477
5	2	65	5	1798		394234
6	2	65	6	1120		58994
7	2	65	19	1562		537060
8	1	100	5			95483
9	3	70	9	1661	1215	789605
10	2	80	14	1155		396999
11	2	85	12	1220		299691
12	3	95	12	1227	987	190209
13	2	60	14	1836		714151
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Trial Number:30	Frequency (MHz)	5265.1	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	55	5	1637	1830	290800
2	1	65	16			379007
3	2	70	8	1854		458452
4	2	60	14	1767		328843
5	1	85	8			465840
6	1	65	17			324517
7	1	90	7			105766
8	2	95	8	1323		207787
9	3	60	14	1046	1027	561742
10	1	100	18			456455
11	2	50	15	1676		164150
12	1	70	19			385795
13	3	70	20	1319	1246	326982
14	2	50	17	1508		32760
15	3	65	9	1893	1806	481817
16	1	75	6			400573
17	3	90	13	1652	1405	106713
18	3	70	17	1361	1231	242982
19	3	75	15	1315	1609	273849
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**<5500MHz>**

Type 1 Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	13	1319.3	758	Yes
2	4	1730.1	578	No
3	23	326.2	3066	Yes
4	10	1432.7	698	Yes
5	6	1618.1	618	Yes
6	1	1930.5	518	Yes
7	19	1139.0	878	No
8	3	1792.1	558	Yes
9	7	1567.4	638	Yes
10	8	1519.8	658	Yes
11	22	1066.1	938	Yes
12	6	1618.1	618	Yes
13	12	1355.0	738	Yes
14	2	1858.7	538	Yes
15	16	1222.5	818	Yes
16			2320	Yes
17			834	No
18			2198	Yes
19			2653	No
20			2831	Yes
21			974	Yes
22			787	Yes
23			767	No
24			2538	Yes
25			1989	No
26			1517	Yes
27			638	Yes
28			1087	Yes
29			766	Yes
30			2341	Yes

**<5500MHz>**



Type2 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	27	2.10	152	Yes
2	26	2.60	159	Yes
3	25	2.60	206	No
4	24	2.60	180	Yes
5	25	3.80	173	Yes
6	25	4.00	217	Yes
7	26	4.20	219	Yes
8	27	3.10	198	Yes
9	28	1.80	182	Yes
10	24	1.00	210	No
11	28	2.10	181	Yes
12	24	2.90	178	Yes
13	23	1.60	155	Yes
14	26	4.10	153	Yes
15	24	3.50	157	Yes
16	27	3.70	187	Yes
17	26	1.30	196	Yes
18	27	5.00	227	Yes
19	25	1.20	220	Yes
20	27	1.60	192	Yes
21	29	2.80	198	Yes
22	29	3.80	228	Yes
23	28	3.30	229	Yes
24	23	4.00	193	Yes
25	29	1.60	203	Yes
26	23	3.20	160	Yes
27	24	2.70	157	Yes
28	29	4.90	151	Yes
29	29	2.10	210	Yes
30	24	4.50	183	Yes



**<5500MHz>**

Type3 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	18	8.70	353	Yes
2	18	7.10	252	Yes
3	18	6.10	307	Yes
4	17	6.60	475	Yes
5	17	7.10	332	Yes
6	17	8.50	423	Yes
7	16	8.00	491	Yes
8	18	6.10	368	Yes
9	17	7.10	451	Yes
10	17	9.90	368	Yes
11	16	8.90	326	Yes
12	18	9.80	477	Yes
13	18	6.40	497	Yes
14	17	7.10	353	Yes
15	16	6.60	475	Yes
16	17	9.90	358	Yes
17	17	6.10	365	Yes
18	17	6.40	287	Yes
19	18	7.50	401	Yes
20	17	7.60	289	Yes
21	18	9.40	448	Yes
22	16	8.60	376	Yes
23	17	8.60	463	Yes
24	18	8.30	328	Yes
25	18	9.90	476	Yes
26	16	9.10	413	Yes
27	18	8.40	481	Yes
28	18	7.10	468	No
29	16	6.20	298	Yes
30	18	6.50	253	Yes

**<5500MHz>**

Type4 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	15	12.80	423	Yes
2	13	16.80	391	Yes
3	12	12.60	445	Yes
4	15	14.70	428	No
5	13	15.60	311	Yes
6	15	14.90	438	No
7	12	18.20	415	Yes
8	13	17.00	338	Yes
9	14	16.50	423	Yes
10	14	16.80	447	Yes
11	15	13.40	455	Yes
12	12	11.00	297	Yes
13	13	19.80	327	Yes
14	13	17.00	470	Yes
15	16	16.70	340	Yes
16	15	17.20	468	Yes
17	15	16.00	332	Yes
18	16	14.10	470	Yes
19	16	14.90	274	Yes
20	13	13.30	253	Yes
21	14	11.90	493	No
22	15	16.90	436	Yes
23	14	14.20	266	Yes
24	16	17.70	418	Yes
25	13	16.40	303	No
26	16	15.30	447	Yes
27	13	12.30	403	Yes
28	12	19.70	334	Yes
29	12	12.60	374	Yes
30	14	13.00	343	Yes

**<5500MHz>****Type 5**

Trial Number:1	Frequency (MHz)	5506.4	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	85	18	1708		466778
2	3	60	15	1449	1565	53735
3	3	55	12	1216	963	755494
4	1	100	13			278801
5	1	95	18			144368
6	2	70	13	1280		119880
7	3	80	8	1104	1532	768063
8	1	85	5			215280
9	2	90	6	912		91048
10	3	95	10	906	1859	511133
11	2	95	17	1542		496320
12	3	100	15	1352	1657	114018
13	3	70	16	1653	1085	625236
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Trial Number:2	Frequency (MHz)	5502	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	19	1020		220721
2	1	50	11			1026149
3	3	60	8	1746	1389	293833
4	3	65	17	1240	1861	893631
5	3	70	11	1231	1714	223443
6	2	60	5	1121		480968
7	2	80	13	1849		198277
8	1	90	18			908794
9	3	50	13	1314	1911	975791
10	1	60	7			752226
11	2	90	6	1810		596393
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Trial Number:3	Frequency (MHz)	5506.8	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	85	13	1688		215873
2	3	100	8	1123	1692	239832
3	3	75	9	1034	1028	789314
4	2	85	12	972		683746
5	1	75	7			1105736
6	2	95	13	1268		1133110
7	1	90	11			929087
8	3	65	8	1177	1679	815974
9	3	100	18	1898	1332	313721
10	2	80	17	1902		1136260
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Trial Number:4	Frequency (MHz)	5496.7	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	7	1403		941983
2	1	85	18			994863
3	1	65	16			15940
4	2	60	18	1463		504831
5	1	60	16			243310
6	3	70	15	1866	1030	812396
7	3	100	7	1068	1142	409350
8	2	95	7	1714		1064218
9	1	50	15			982232
10	3	60	10	1132	1761	690362
11	1	55	13			772652
12	1	80	20			50698
13	2	70	17	1632		630773
14	1	100	20			575167
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19						
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Trial Number:5	Frequency (MHz)	5500.9	Number of Bursts in Trial:	16	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	8	1267		400311
2	1	95	15			142551
3	1	85	18			296915
4	2	80	13	951		148168
5	2	80	14	1274		123338
6	3	55	9	1575	1469	447241
7	3	70	15	1385	1200	713254
8	3	75	18	1556	1713	651516
9	2	100	16	1569		63085
10	2	100	14	1766		485412
11	2	65	10	1704		663443
12	3	65	20	1070	1195	347028
13	2	80	17	1569		620836
14	3	55	11	1161	1340	387148
15	3	100	14	1881	1392	50323
16	2	85	19	1288		11470
17						
18						
19						
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Trial Number:6	Frequency (MHz)	5501.6	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	50	19	1665	1151	443872
2	3	50	5	1379	1563	112637
3	1	60	5			580018
4	3	65	9	1510	957	274772
5	3	65	9	1717	1719	644395
6	1	70	14			105611
7	1	100	5			740083
8	1	70	6			164031
9	3	55	6	1890	1125	288183
10	1	90	12			327430
11	3	50	9	1726	991	637564
12	3	50	6	1910	1497	223230
13	3	60	16	953	1688	250533
14	3	70	8	1440	1280	687680
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Trial Number:7	Frequency (MHz)	5493.2	Number of Bursts in Trial:	14	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	50	12			101774
2	2	55	5	1425		310670
3	3	80	12	1782	1485	844778
4	2	100	6	1412		125079
5	3	100	15	1057	1133	470536
6	1	90	18			746222
7	3	80	7	1532	1658	836087
8	2	90	16	1541		210989
9	2	70	14	1449		136835
10	2	50	15	1027		98416
11	1	75	6			9522
12	3	80	18	1470	1268	194720
13	1	85	8			310478
14	1	70	15			552861
15						
16						
17						
18						
19						
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Trial Number:8	Frequency (MHz)	5506.8	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	90	8	1287		219852
2	3	55	12	1779	945	227065
3	1	60	9			211091
4	1	100	7			461609
5	3	60	17	1852	1554	507697
6	3	55	12	1048	1047	14628
7	3	95	9	1026	1231	704889
8	1	95	18			72163
9	3	75	13	1343	1263	279248
10	2	70	8	1067		783610
11	1	85	6			62182
12	1	60	19			864728
13						
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17						
18						
19						
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Trial Number:9	Frequency (MHz)	5505.8	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	100	15			994514
2	3	85	14	1650	1131	166391
3	1	90	16			535782
4	1	80	12			234294
5	3	70	17	1208	1100	841487
6	3	65	11	1185	1810	309116
7	3	65	20	1228	1587	258243
8	2	65	11	1601		100274
9	2	80	18	1732		160478
10	1	60	15			263618
11	2	65	13	1303		985538
12	1	100	16			176774
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17						
18						
19						
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Trial Number:10	Frequency (MHz)	5499.8	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	80	8	1679		396083
2	1	65	9			285863
3	3	50	18	1260	951	476406
4	3	60	11	1523	1923	784572
5	2	80	7	1521		245756
6	2	55	11	1763		237666
7	3	95	8	1708	1498	431760
8	3	100	20	1403	1661	435553
9	2	80	17	1624		779322
10	1	100	14			407983
11	1	85	17			725632
12	3	100	14	1471	1154	766174
13	1	75	13			787910
14	3	55	15	1084	1666	427181
15	1	75	5			166052
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Trial Number:11	Frequency (MHz)	5502.1	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	8	1072	1767	749436
2	2	50	18	1231		546869
3	2	70	13	1722		121196
4	2	100	6	1371		29268
5	3	95	13	1790	1051	703205
6	2	50	9	1620		307429
7	3	60	12	1292	1379	678171
8	1	95	18			198582
9	2	60	9	1517		500765
10	2	65	18	1478		322547
11	2	65	6	1236		52187
12	2	75	5	1475		253162
13	3	55	19	1809	953	479243
14	3	100	7	1167	1490	10268
15	2	80	17	1248		768723
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18						
19						
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Trial Number:12	Frequency (MHz)	5493.2	Number of Bursts in Trial:	9	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	50	16	1453	1709	593850
2	1	55	10			1297606
3	1	50	18			894255
4	2	55	20	1067		950093
5	2	55	15	1720		155106
6	3	55	14	1680	1289	78617
7	3	55	15	1449	1194	649520
8	2	65	11	1666		322755
9	2	95	11	1727		484422
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Trial Number:13	Frequency (MHz)	5497.1	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	75	9	996		266678
2	2	65	15	1769		307337
3	3	50	5	1806	950	834872
4	3	85	14	1478	941	910538
5	1	80	19			392036
6	1	55	15			779478
7	1	80	5			1055890
8	2	85	8	1803		855826
9	2	50	5	1306		492704
10	1	50	14			581675
11	1	95	9			45206
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Trial Number:14	Frequency (MHz)	5494.3	Number of Bursts in Trial:	10	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	20	1347		1038695
2	1	85	16			84551
3	3	95	14	1613	987	822084
4	3	60	16	1895	1603	751718
5	2	80	18	1396		490211
6	2	75	14	1560		890130
7	1	80	8			516321
8	2	50	5	1289		1045408
9	3	85	16	1680	1786	69289
10	2	55	10	1392		453090
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Trial Number:15	Frequency (MHz)	5497.4	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	65	11	1805	1864	657720
2	1	90	20			567796
3	1	60	13			1475586
4	3	80	6	1703	1614	1488540
5	1	65	16			612980
6	1	55	12			1335921
7	1	70	18			482751
8	3	75	19	1600	1227	997058
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Trial Number:16	Frequency (MHz)	5500.8	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	50	9	982	1599	713572
2	2	95	6	1602		112701
3	3	75	6	1523	1758	330707
4	3	90	10	1339	1723	341793
5	1	90	12			668822
6	2	90	6	1473		60787
7	1	50	13			478701
8	2	80	10	1293		456428
9	2	90	5	1181		711558
10	3	100	14	1471	1518	422669
11	2	55	9	1030		429180
12	3	100	5	1568	1216	760384
13	2	100	6	1285		441064
14	1	85	17			109108
15	3	70	15	1632	1548	222013
16						
17						
18						
19						
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Trial Number:17	Frequency (MHz)	5500.1	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	75	9			592678
2	3	85	8	1489	1749	681447
3	3	100	14	1172	1781	785001
4	1	70	9			347640
5	2	100	13	1230		754015
6	1	80	11			174709
7	1	80	20			286294
8	3	65	9	1840	1578	811556
9	2	50	5	1350		443415
10	2	75	12	1766		583324
11	3	70	8	1521	1831	100488
12	3	95	12	1651	1034	309811
13	1	100	14			653962
14	1	70	18			88709
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17						
18						
19						
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Trial Number:18	Frequency (MHz)	5497.8	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	16	1751		132968
2	1	65	17			370462
3	1	90	6			178922
4	1	90	16			732745
5	1	80	15			378596
6	1	50	13			396581
7	3	55	9	1765	1663	56594
8	3	85	11	1542	1653	718289
9	2	80	20	1506		280130
10	1	70	19			44650
11	3	70	16	1309	1731	447397
12	2	75	9	1459		374805
13	1	65	16			486044
14	2	55	7	1693		358932
15	3	90	10	1339	981	42075
16						
17						
18						
19						
20						



Trial Number:19	Frequency (MHz)	5494.3	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	11	1770	1698	895988
2	1	95	6			1014130
3	1	95	8			635530
4	3	55	8	1240	1233	623044
5	2	75	18	1630		682633
6	2	75	11	1003		1155602
7	1	65	17			1030418
8	2	95	10	1188		1189859
9	2	80	20	1481		88823
10	3	55	11	1793	1569	213538
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19						
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Trial Number:20	Frequency (MHz)	5500	Number of Bursts in Trial:		Detection (Yes / No)	
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	50	7			202055
2	1	50	15			544282
3	3	80	7	1507	984	603480
4	3	85	14	1309	1219	424885
5	3	75	17	1160	1398	698137
6	3	65	10	1771	1440	338449
7	1	90	18			250124
8	3	90	17	914	1535	56475
9	3	70	18	1752	1346	368227
10	3	75	20	1035	1911	131274
11	1	65	6			317590
12	3	55	8	1070	993	669710
13	1	90	16			289719
14	2	85	5	1496		159017
15	3	90	17	1725	1046	651721
16	3	65	15	1918	1389	345437
17	1	70	11			577907
18						
19						
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Trial Number:21	Frequency (MHz)	5494.5	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	20	1002		1475943
2	2	95	16	1363		301642
3	3	55	9	1049	1247	15520
4	3	95	17	1339	1391	1061674
5	1	50	15			838968
6	2	55	9	1181		699368
7	1	85	18			54022
8	2	60	20	949		330723
9						
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12						
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19						
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Trial Number:22	Frequency (MHz)	5498.8	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	55	11	1162		616500
2	2	95	13	1198		530499
3	3	85	6	1229	1319	382947
4	3	90	13	1551	1515	630175
5	2	85	10	1062		711594
6	3	60	13	1111	1203	582097
7	2	75	18	1301		200039
8	3	75	16	1311	1202	861618
9	3	95	20	1524	1853	36958
10	1	70	16			531969
11	1	50	8			619078
12	2	75	5	1151		474169
13	1	80	15			136340
14						
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17						
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Trial Number:23	Frequency (MHz)	5499.9	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	9	1716	1181	726330
2	1	65	6			939434
3	3	60	6	1380	1917	907766
4	3	50	6	1637	1834	1170060
5	2	65	17	1481		1166528
6	1	65	14			542575
7	3	95	16	920	1198	810385
8	1	90	16			1160323
9	2	65	15	1823		1020555
10	3	60	20	1179	1798	999045
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12						
13						
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18						
19						
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Trial Number:24	Frequency (MHz)	5503	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	90	17	1055	1500	455012
2	3	70	7	1089	1660	890580
3	2	80	14	1361		788899
4	3	50	13	1069	1435	17626
5	3	60	6	1227	1885	418007
6	3	55	19	1401	1645	539469
7	1	95	12			527278
8	2	55	20	1871		191581
9	1	80	14			815875
10	3	60	9	1762	1445	475896
11	3	80	8	1775	1417	272082
12	2	55	5	1482		151712
13	3	85	20	1866	1790	216614
14						
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18						
19						
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Trial Number:25	Frequency (MHz)	5506.2	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	11	987		204115
2	1	50	10			118042
3	3	90	8	919	1192	209031
4	2	90	12	1118		283468
5	1	50	16			485400
6	1	70	15			339487
7	2	95	16	964		580719
8	1	85	20			342269
9	2	80	12	1778		86790
10	2	50	15	1885		461341
11	2	70	19	1644		742436
12	1	80	6			655764
13	1	55	15			371410
14	3	100	20	1620	1281	341237
15	1	95	7			42623
16	2	70	7	1256		183848
17						
18						
19						
20						



Trial Number:26	Frequency (MHz)	5495.2	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	75	12	1772		66340
2	2	50	14	1903		456048
3	3	80	14	1819	1136	369166
4	1	100	20			258241
5	2	55	5	1492		227270
6	3	100	18	1612	1180	929962
7	1	65	10			504302
8	2	70	19	1821		734625
9	3	85	14	1356	1226	6987
10	2	50	16	1262		636838
11	3	75	12	941	1918	778529
12	1	65	8			214978
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16						
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18						
19						
20						



Trial Number:27	Frequency (MHz)	5492.7	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	17	1439	1899	590120
2	1	90	6			656621
3	3	75	19	988	1828	165114
4	2	95	7	1805		485391
5	3	90	14	1563	1665	631281
6	2	50	6	963		445014
7	2	65	7	1617		675643
8	1	85	6			677408
9	2	95	6	1286		139698
10	2	75	17	1729		727420
11	3	65	8	990	1253	413319
12	2	70	8	991		301949
13	2	90	17	1287		31350
14	2	50	9	1846		485449
15	1	55	16			511983
16	3	50	5	1518	1153	568725
17						
18						
19						
20						



Trial Number:28	Frequency (MHz)	5499.1	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	60	6			976987
2	2	85	6	1877		751973
3	3	70	8	1928	1692	709538
4	3	90	19	1244	1048	245101
5	1	85	8			505847
6	2	50	16	1294		993075
7	1	95	10			527435
8	2	90	9	1430		857717
9	2	95	18	1616		958814
10	3	70	17	1570	943	580424
11	1	50	16			521953
12	2	70	7	1095		475140
13						
14						
15						
16						
17						
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19						
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Trial Number:29	Frequency (MHz)	5496.9	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	100	11			526288
2	3	90	5	1554	1244	589445
3	2	85	6	1619		231321
4	1	85	11			182731
5	1	95	5			422036
6	1	60	15			24308
7	3	60	17	1816	1606	427429
8	3	60	14	1092	1086	162722
9	3	95	10	1066	1582	322153
10	2	55	7	1566		344671
11	1	80	18			397760
12	2	80	5	1205		21558
13	2	65	5	1164		128061
14	3	55	6	1189	1877	20839
15	1	100	11			19912
16	2	100	8	912		8527
17	2	55	17	1579		138289
18	1	80	15			381911
19	3	100	14	1359	1594	9226
20						



Trial Number:30	Frequency (MHz)	5506.7	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	95	7	1512		64427
2	2	65	11	1148		87334
3	3	55	8	1919	1011	539151
4	3	50	8	1020	1808	122493
5	1	95	8			500617
6	1	55	5			301247
7	2	50	15	1165		221572
8	1	85	7			443684
9	2	85	12	1771		804136
10	3	65	19	1454	1380	65483
11	3	90	20	934	1849	842056
12	1	100	12			354510
13	2	100	19	1345		237388
14						
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**<5510MHz>**

Type 1 Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	11	1392.8	718	Yes
2	20	1113.6	898	Yes
3	17	1193.3	838	Yes
4	14	1285.3	778	Yes
5	23	326.2	3066	No
6	4	1730.1	578	Yes
7	21	1089.3	918	Yes
8	10	1432.7	698	No
9	6	1618.1	618	Yes
10	15	1253.1	798	Yes
11	9	1490.3	671	Yes
12	1	1930.5	518	Yes
13	22	1066.1	938	Yes
14	18	1165.5	858	No
15	8	1519.8	658	Yes
16			1958	No
17			2755	Yes
18			2828	No
19			1115	Yes
20			724	Yes
21			2615	Yes
22			2749	No
23			898	Yes
24			986	Yes
25			2890	Yes
26			2587	Yes
27			684	Yes
28			671	Yes
29			1069	Yes
30			1759	Yes

**<5510MHz>**



Type2 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	24	2.30	202	Yes
2	26	2.80	199	Yes
3	25	4.40	223	No
4	27	2.50	230	Yes
5	23	4.60	203	No
6	27	1.40	222	Yes
7	26	5.00	161	Yes
8	25	3.50	188	Yes
9	29	1.40	227	Yes
10	24	4.90	229	Yes
11	25	2.80	210	Yes
12	29	1.30	202	Yes
13	26	1.50	198	Yes
14	24	2.30	193	Yes
15	29	2.50	155	Yes
16	28	2.90	154	Yes
17	27	3.30	222	Yes
18	23	4.20	164	Yes
19	25	4.50	223	Yes
20	26	3.80	154	Yes
21	28	4.30	212	Yes
22	24	2.80	213	Yes
23	23	1.20	173	Yes
24	28	1.30	152	Yes
25	23	5.00	225	Yes
26	26	1.90	191	No
27	29	4.50	193	Yes
28	29	1.70	177	Yes
29	27	1.90	172	Yes
30	26	3.50	155	Yes

**<5510MHz>**

Type3 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	17	6.40	472	Yes
2	18	6.60	372	No
3	18	9.20	461	Yes
4	16	8.20	250	Yes
5	17	6.90	284	Yes
6	18	9.80	454	Yes
7	18	7.40	408	Yes
8	17	6.70	413	Yes
9	18	8.10	361	Yes
10	17	7.10	369	Yes
11	18	6.00	323	Yes
12	16	8.90	420	Yes
13	16	7.50	269	Yes
14	16	9.50	320	No
15	18	6.30	406	Yes
16	17	8.70	416	Yes
17	18	9.40	306	Yes
18	16	7.10	404	Yes
19	16	6.80	456	Yes
20	16	9.70	322	Yes
21	18	8.60	404	Yes
22	16	8.00	270	Yes
23	18	8.10	308	No
24	18	7.60	477	Yes
25	17	7.00	313	Yes
26	18	6.80	421	Yes
27	16	6.00	432	Yes
28	18	9.30	434	Yes
29	17	9.50	405	Yes
30	16	7.30	264	Yes

**<5510MHz>**

Type4 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	16	12.80	359	Yes
2	15	19.50	265	Yes
3	16	14.00	370	Yes
4	15	15.20	307	No
5	14	13.10	474	Yes
6	15	12.00	440	Yes
7	15	13.70	376	No
8	16	12.50	318	Yes
9	15	15.30	453	Yes
10	13	17.40	262	Yes
11	14	11.60	461	Yes
12	15	18.90	468	Yes
13	13	13.10	259	Yes
14	15	11.70	264	Yes
15	13	16.70	421	Yes
16	16	13.20	397	Yes
17	15	19.40	473	Yes
18	13	16.90	428	Yes
19	13	14.50	289	No
20	13	17.50	443	Yes
21	14	13.70	411	Yes
22	16	14.60	324	Yes
23	16	14.20	394	Yes
24	14	17.20	306	No
25	15	14.00	421	Yes
26	12	19.80	335	No
27	13	16.70	425	Yes
28	12	15.10	276	Yes
29	15	16.40	271	Yes
30	16	13.60	427	Yes

**<5510MHz>****Type 5**

Trial Number:1	Frequency (MHz)	5519.2	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	50	9	1517		263457
2	2	55	9	1772		324826
3	1	90	7			733075
4	2	65	19	1762		353288
5	1	75	5			178715
6	2	50	6	1850		30999
7	1	85	6			659551
8	2	85	13	1802		278469
9	1	65	5			369430
10	2	65	20	1107		657895
11	1	55	15			30273
12	2	60	15	1553		48169
13	2	80	12	1065		238845
14	2	55	7	1366		124660
15	1	60	17			233876
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Trial Number:2	Frequency (MHz)	5523.3	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	17	1330		146615
2	3	85	19	1608	978	211597
3	3	65	20	1323	1764	161952
4	1	85	6			461096
5	1	65	12			170880
6	1	100	13			433643
7	3	50	15	1913	1669	296792
8	2	80	13	1189		709450
9	1	75	16			208309
10	2	75	16	1836		757829
11	2	100	7	1118		21243
12	1	70	6			660713
13	1	90	7			27448
14	3	60	17	1780	955	206739
15	2	100	11	1663		773663
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Trial Number:3	Frequency (MHz)	5506.8	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	75	8			691803
2	1	55	9			328526
3	1	70	7			566765
4	1	65	15			605835
5	2	65	10	1383		141578
6	2	55	18	1508		178762
7	3	80	14	1562	1762	551827
8	2	50	12	1392		931663
9	3	100	14	1162	1685	536398
10	3	100	14	1730	1680	743002
11	1	70	16			792554
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Trial Number:4	Frequency (MHz)	5499.2	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	90	8	1036		844520
2	3	60	16	1393	1346	1293192
3	3	70	11	1312	1078	496187
4	3	60	16	1157	1029	1121696
5	2	95	7	1696		438080
6	3	70	15	1142	1217	951215
7	2	85	15	1803		85875
8	2	50	17	1402		230721
9	3	70	13	1719	1738	100910
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Trial Number:5	Frequency (MHz)	5508.1	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	20	1443	1906	61259
2	2	95	7	1337		941578
3	2	100	7	1584		800834
4	1	100	13			540247
5	2	55	9	1080		1205262
6	2	100	5	1472		537440
7	3	50	7	1735	1928	1045208
8	1	100	15			146361
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Trial Number:6	Frequency (MHz)	5522.7	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	70	7	1215	1658	599208
2	3	85	15	1146	1056	764339
3	3	90	6	1778	1356	198669
4	3	60	19	1374	1413	776709
5	3	50	5	974	1733	362562
6	2	55	17	1879		293447
7	3	65	13	1069	1107	350062
8	2	80	16	1766		568184
9	2	70	14	1036		230024
10	1	90	10			283077
11	2	95	10	1566		627375
12	2	80	15	1395		670268
13	3	60	7	1210	1406	351630
14	2	100	20	917		143424
15	2	50	6	1348		41862
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Trial Number:7	Frequency (MHz)	5517.9	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	50	7			202055
2	1	50	15			544282
3	3	80	7	1507	984	603480
4	3	85	14	1309	1219	424885
5	3	75	17	1160	1398	698137
6	3	65	10	1771	1440	338449
7	1	90	18			250124
8	3	90	17	914	1535	56475
9	3	70	18	1752	1346	368227
10	3	75	20	1035	1911	131274
11	1	65	6			317590
12	3	55	8	1070	993	669710
13	1	90	16			289719
14	2	85	5	1496		159017
15	3	90	17	1725	1046	651721
16	3	65	15	1918	1389	345437
17	1	70	11			577907
18						
19						
20						



Trial Number:8	Frequency (MHz)	5514.9	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	55	9	1509	1818	724405
2	1	75	18			308681
3	1	70	7			32908
4	1	90	16			400217
5	2	70	10	1163		293364
6	3	70	19	1005	1454	309990
7	3	70	6	1310	981	44402
8	1	80	7			260982
9	1	90	9			384819
10	2	55	14	1794		462498
11	2	70	15	1542		103970
12	2	60	16	943		190228
13	2	100	14	1724		72274
14	3	55	17	1021	1740	621276
15	1	85	14			308571
16	1	55	18			200280
17						
18						
19						
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Trial Number:9	Frequency (MHz)	5523.1	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	65	7			641236
2	1	90	20			429123
3	1	70	5			648832
4	1	75	14			24027
5	1	75	14			389020
6	2	50	13	1498		303377
7	1	100	11			645228
8	3	60	14	1805	1727	223353
9	3	90	7	1599	1466	730316
10	3	50	11	1060	1651	655288
11	2	80	6	1678		291305
12	3	70	7	1280	1365	137163
13	3	50	19	1115	1708	72880
14	3	65	11	1391	1145	743072
15	2	80	7	1543		598100
16	2	60	17	1134		129693
17						
18						
19						
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Trial Number:10	Frequency (MHz)	5517.2	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	6			556981
2	3	50	15	1058	1568	276806
3	3	70	13	1536	1859	486690
4	2	70	6	1208		169266
5	3	55	6	1905	1122	110700
6	3	55	12	1568	1157	834601
7	2	50	19	1266		1087972
8	3	55	7	1722	1711	946468
9	1	100	15			978672
10	3	85	11	1672	1501	170984
11	1	60	10			571209
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Trial Number:11	Frequency (MHz)	5509.2	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	17			69481
2	1	70	14			84639
3	2	85	10	1117		50644
4	1	90	15			51348
5	2	65	13	1325		148573
6	2	75	15	1874		386428
7	2	95	6	1222		567139
8	1	85	8			578854
9	1	75	9			464060
10	1	90	8			229324
11	3	100	18	1132	1789	113110
12	3	90	15	1426	1161	594510
13	2	60	7	1024		447942
14	2	80	15	1152		478808
15	1	70	6			258314
16	3	75	16	1145	1197	65300
17	3	65	11	1564	1409	13711
18	2	50	17	1943		594836
19	1	60	17			110335
20	1	55	10			250182



Trial Number:12	Frequency (MHz)	5507.2	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	5	1212	959	675428
2	3	55	15	1047	1397	558438
3	2	70	5	1193		59162
4	1	95	14			379825
5	2	100	9	1133		44686
6	2	75	19	1184		39572
7	2	90	7	1716		17222
8	1	80	19			766412
9	3	80	11	1711	1899	712416
10	2	60	15	1594		564077
11	1	70	6			104139
12	1	70	18			203299
13	3	75	10	1664	1439	610564
14	1	75	8			163642
15	3	60	5	1689	1789	460769
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Trial Number:13	Frequency (MHz)	5498.7	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	55	20			236713
2	2	60	9	1414		23414
3	3	100	9	1394	1304	512419
4	2	65	16	1910		694805
5	2	60	14	1087		602473
6	2	100	16	1267		181179
7	3	95	15	1693	1819	307112
8	2	85	19	1729		386176
9	2	50	13	1073		336118
10	3	75	14	1838	1880	315743
11	3	100	5	1138	1405	418662
12	1	90	10			530204
13	1	75	20			422573
14	1	75	19			66610
15	3	80	13	1192	1344	263472
16	3	85	12	1257	1665	623991
17	3	50	13	1672	1410	179888
18	3	85	9	1792	1187	472574
19	1	95	16			163884
20	1	100	17			402823



Trial Number:14	Frequency (MHz)	5504.1	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	12	1070	1136	400216
2	3	85	12	1662	1108	242595
3	1	55	20			605968
4	1	80	11			188070
5	1	50	15			664234
6	1	85	19			550746
7	1	90	5			530789
8	3	75	14	1852	932	12470
9	2	85	12	1248		662037
10	2	55	8	1833		685408
11	2	55	11	1646		336802
12	2	60	14	1683		270818
13	2	60	6	1819		557496
14	3	80	13	1810	1714	33112
15	3	75	5	1217	1322	418034
16	3	60	15	957	1893	671306
17						
18						
19						
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Trial Number:15	Frequency (MHz)	5520.2	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	9	1799		587631
2	2	95	8	1834		114426
3	1	90	20			466738
4	1	70	20			261954
5	1	80	15			381400
6	2	95	15	1117		216857
7	3	75	19	1548	1175	241499
8	2	50	17	1929		500123
9	1	80	6			291713
10	1	65	18			435041
11	1	50	20			171911
12	2	75	14	1017		423109
13	3	95	9	1188	943	124299
14	3	75	19	1639	1424	351534
15	1	60	17			115561
16	2	75	5	1616		84846
17	2	85	11	928		207763
18	1	75	11			127440
19	2	95	8	1790		445758
20	3	100	9	1007	1275	129983



Trial Number:16	Frequency (MHz)	5508.5	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	75	20	1236		782615
2	1	95	12			576537
3	1	75	7			79125
4	3	65	8	1144	1091	225366
5	3	70	8	1441	1032	269995
6	3	95	18	980	1833	8979
7	1	75	10			86190
8	3	75	5	1359	1082	702596
9	2	55	11	1375		487934
10	3	50	20	954	1185	427587
11	3	95	15	1668	1796	106861
12	1	85	14			418166
13	1	55	8			212966
14	3	70	5	1770	1311	93281
15	3	80	9	1161	996	380589
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18						
19						
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Trial Number:17	Frequency (MHz)	5514.8	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	95	5			1158092
2	1	90	20			974533
3	1	60	10			968463
4	1	60	6			82664
5	2	55	14	1839		936350
6	3	95	8	1301	1108	221119
7	1	70	15			689498
8	1	55	8			794205
9	1	55	17			352015
10	3	55	6	1115	1755	1140837
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Trial Number:18	Frequency (MHz)	5505.7	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	100	8	1731	945	657184
2	3	65	12	1794	1024	1212138
3	1	60	15			331789
4	1	95	11			441303
5	1	60	16			1033584
6	1	60	17			885766
7	3	80	18	1771	1297	505771
8	1	50	6			86721
9	3	60	15	1659	1494	420408
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Trial Number:19	Frequency (MHz)	5518.6	Number of Bursts in Trial:	15	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	50	7	1705	1407	105393
2	1	75	6			682900
3	3	100	11	1001	1159	594893
4	3	70	8	1871	1855	170900
5	3	55	5	1342	1134	786904
6	2	55	16	1076		794342
7	1	85	6			312787
8	3	65	19	1917	1219	765686
9	1	50	6			552117
10	2	95	16	1372		312907
11	1	75	8			412970
12	2	70	8	1800		534004
13	2	100	19	1249		32263
14	1	80	8			749344
15	3	95	18	1289	1164	438432
16						
17						
18						
19						
20						



Trial Number:20	Frequency (MHz)	5506.8	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	11	1696		1316906
2	3	55	15	1471	1048	150404
3	2	100	16	1871		1019486
4	1	60	11			618902
5	1	90	6			672245
6	3	60	12	1253	1286	1305775
7	3	80	8	1611	1420	1264536
8	3	70	12	1566	1626	549390
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Trial Number:21	Frequency (MHz)	5497.8	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	15	1145		322269
2	3	60	16	1750	1781	308004
3	2	50	13	1111		988362
4	1	95	10			886124
5	1	100	9			1058014
6	3	60	19	1643	1725	454783
7	3	80	17	1795	1161	227498
8	3	70	9	1277	1710	236659
9	1	80	20			897968
10	2	90	13	1717		986530
11	1	85	13			1026834
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19						
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Trial Number:22	Frequency (MHz)	5496.1	Number of Bursts in Trial:	22	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	65	8	1423	1774	585615
2	2	85	9	1682		20416
3	2	50	7	977		418125
4	2	55	11	1211		121725
5	3	60	13	1817	1362	468057
6	2	85	13	1863		379402
7	1	90	6			274857
8	1	90	5			433757
9	3	80	13	1655	1398	340751
10	2	65	17	1153		357078
11	1	55	17			486045
12	3	55	13	1868	1523	147483
13	3	60	20	1676	1045	361918
14	1	100	10			177247
15	3	85	18	1254	1278	215355
16	1	100	12			349647
17	3	65	19	1128	978	47157
18	2	90	17	1839		630144
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Trial Number:23	Frequency (MHz)	5511.5	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	55	18	1906	1567	1084646
2	1	80	8			246664
3	2	100	14	1534		1168916
4	3	80	13	1182	1194	85064
5	3	90	18	1125	1665	650756
6	3	95	19	1111	1821	1446756
7	2	95	17	987		1443612
8	2	80	16	1885		42865
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Trial Number:24	Frequency (MHz)	5503.5	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	12	1900		150266
2	3	70	20	1006	1630	967059
3	1	100	18			380304
4	1	75	13			375804
5	2	65	10	1462		982520
6	1	85	5			61341
7	3	55	8	1726	951	533914
8	2	90	7	1663		643868
9	1	75	7			436947
10	3	100	20	1695	1023	855684
11	3	65	20	963	1609	761775
12	1	80	20			673949
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Trial Number:25	Frequency (MHz)	5518.2	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	95	19	1076		696983
2	2	80	10	1452		548545
3	2	85	11	1226		482599
4	1	65	17			808433
5	1	90	16			719210
6	3	55	6	1399	968	911673
7	2	100	10	1071		70316
8	1	65	8			757899
9	1	70	20			1156347
10	2	50	12	1153		979400
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Trial Number:26	Frequency (MHz)	5519.1	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	75	16			1027208
2	2	50	10	1315		555964
3	3	60	14	989	1912	896636
4	2	100	12	1037		745079
5	2	85	5	1753		763686
6	3	85	6	1268	1133	896224
7	2	90	16	1648		670108
8	1	95	10			546170
9	3	95	17	1032	1589	642314
10	3	80	8	1879	982	677233
11	2	50	11	1850		119816
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Trial Number:27	Frequency (MHz)	5508.4	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	80	16	1768		30480
2	2	70	7	939		500211
3	3	90	9	1883	1088	559284
4	2	100	13	1539		91886
5	2	85	5	1318		456196
6	1	55	13			336297
7	1	85	16			68206
8	3	50	7	1766	1505	583302
9	3	85	12	1434	1216	286628
10	3	95	7	1372	1254	97552
11	3	85	10	1901	1525	77181
12	1	70	20			578220
13	1	95	7			358574
14	2	70	19	1504		179950
15	3	95	15	1469	1534	332402
16	2	90	15	941		338104
17	3	80	15	987	1072	623992
18	1	75	18			314276
19						
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Trial Number:28	Frequency (MHz)	5511.8	Number of Bursts in Trial:	17	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	55	19	1441		370999
2	3	60	14	1299	1902	329688
3	1	60	6			220211
4	2	60	14	1306		563053
5	3	85	13	1146	1313	501881
6	1	100	15			531187
7	2	80	15	1389		570827
8	1	60	20			272408
9	1	90	14			182515
10	1	100	10			475961
11	3	70	20	1174	966	675595
12	1	100	7			337098
13	2	95	19	951		527632
14	3	80	17	1444	1758	405468
15	1	90	18			266388
16	2	95	13	1864		352004
17	2	80	19	1616		596419
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Trial Number:29	Frequency (MHz)	5503.3	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	95	15			514553
2	3	100	5	1774	1844	387426
3	1	75	12			592002
4	2	55	13	1170		849683
5	2	100	15	1459		614598
6	2	100	8	1636		619476
7	1	60	12			247265
8	2	75	8	1197		746450
9	1	90	20			383951
10	2	100	19	1775		563116
11	3	60	13	1554	1006	395879
12	2	95	16	948		351693
13	1	75	7			11389
14	2	60	14	1439		209856
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Trial Number:30	Frequency (MHz)	5499.9	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	95	13	1233	1753	438648
2	1	85	12			97175
3	1	80	14			39486
4	1	50	17			581816
5	3	65	9	1883	1642	285703
6	1	60	5			216044
7	3	70	14	1705	1694	589929
8	2	85	6	1663		512521
9	1	60	15			284422
10	2	60	13	1641		99891
11	1	95	18			19630
12	3	80	17	1290	1219	76728
13	2	55	16	1273		202701
14	1	100	12			620920
15	1	50	15			473321
16	1	55	7			361500
17	2	80	15	1086		152346
18	1	90	19			538421
19	2	85	5	1228		286837
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**<5530MHz>**

Type 1 Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	19	1139.0	878	Yes
2	7	1567.4	638	Yes
3	2	1858.7	538	Yes
4	17	1193.3	838	Yes
5	13	1319.3	758	Yes
6	12	1355.0	738	Yes
7	23	326.2	3066	Yes
8	5	1672.2	598	Yes
9	14	1285.3	778	Yes
10	10	1432.7	698	Yes
11	9	1474.9	678	Yes
12	15	1253.1	798	Yes
13	3	1792.1	558	Yes
14	21	1089.3	918	Yes
15	18	1165.5	858	Yes
16			1958	Yes
17			2755	Yes
18			2828	Yes
19			1115	Yes
20			724	Yes
21			2615	Yes
22			2749	Yes
23			2741	Yes
24			986	Yes
25			2890	Yes
26			2587	Yes
27			684	Yes
28			671	Yes
29			1069	Yes
30			1759	Yes

**<5530MHz>**



Type2 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	24	2.30	202	Yes
2	26	2.80	199	Yes
3	25	4.40	223	Yes
4	27	2.50	230	Yes
5	23	4.60	203	Yes
6	27	1.40	222	Yes
7	26	5.00	161	Yes
8	25	3.50	188	No
9	29	1.40	227	Yes
10	24	4.90	229	Yes
11	25	2.80	210	Yes
12	29	1.30	202	Yes
13	26	1.50	198	Yes
14	24	2.30	193	Yes
15	29	2.50	155	Yes
16	28	2.90	154	Yes
17	27	3.30	222	Yes
18	23	4.20	164	Yes
19	25	4.50	223	Yes
20	26	3.80	154	Yes
21	28	4.30	212	Yes
22	24	2.80	213	No
23	23	1.20	173	Yes
24	28	1.30	152	Yes
25	23	5.00	225	Yes
26	26	1.90	191	Yes
27	29	4.50	193	Yes
28	29	1.70	177	Yes
29	27	1.90	172	Yes
30	26	3.50	155	Yes

**<5530MHz>**

Type3 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	17	6.40	472	Yes
2	18	6.60	372	Yes
3	18	9.20	461	Yes
4	16	8.20	250	Yes
5	17	6.90	284	No
6	18	9.80	454	Yes
7	18	7.40	408	Yes
8	17	6.70	413	Yes
9	18	8.10	361	Yes
10	17	7.10	369	Yes
11	18	6.00	323	Yes
12	16	8.90	420	Yes
13	16	7.50	269	Yes
14	16	9.50	320	Yes
15	18	6.30	406	Yes
16	17	8.70	416	No
17	18	9.40	306	Yes
18	16	7.10	404	Yes
19	16	6.80	456	Yes
20	16	9.70	322	Yes
21	18	8.60	404	Yes
22	16	8.00	270	No
23	18	8.10	308	Yes
24	18	7.60	477	Yes
25	17	7.00	313	Yes
26	18	6.80	421	Yes
27	16	6.00	432	Yes
28	18	9.30	434	Yes
29	17	9.50	405	Yes
30	16	7.30	264	No

**<5530MHz>**

Type4 Trial #	Number Pulses per Burst	Pulse Width(us)	PRI(us)	Detection(Yes / No)
1	16	12.80	359	Yes
2	15	19.50	265	Yes
3	16	14.00	370	No
4	15	15.20	307	Yes
5	14	13.10	474	Yes
6	15	12.00	440	Yes
7	15	13.70	376	Yes
8	16	12.50	318	Yes
9	15	15.30	453	Yes
10	13	17.40	262	Yes
11	14	11.60	461	Yes
12	15	18.90	468	Yes
13	13	13.10	259	Yes
14	15	11.70	264	Yes
15	13	16.70	421	Yes
16	16	13.20	397	Yes
17	15	19.40	473	Yes
18	13	16.90	428	Yes
19	13	14.50	289	Yes
20	13	17.50	443	Yes
21	14	13.70	411	Yes
22	16	14.60	324	Yes
23	16	14.20	394	Yes
24	14	17.20	306	No
25	15	14.00	421	Yes
26	12	19.80	335	Yes
27	13	16.70	425	Yes
28	12	15.10	276	Yes
29	15	16.40	271	Yes
30	16	13.60	427	Yes

**<5530MHz>****Type 5**

Trial Number:1	Frequency (MHz)	5504.8	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	70	7	1826	1117	433330
2	3	55	15	989	1491	210419
3	1	100	16			429464
4	2	65	18	967		642952
5	1	90	10			337749
6	3	55	5	1417	1656	364400
7	2	90	18	1899		295224
8	3	60	20	1798	1121	69938
9	3	55	12	1048	1734	331173
10	1	80	14			577534
11	3	100	18	1495	1808	319895
12	2	55	16	1498		186787
13	1	55	9			645092
14	2	100	11	1025		373190
15	3	70	8	1834	1091	351446
16	3	90	20	1552	1193	48757
17	3	65	7	1218	1674	138835
18	2	60	19	993		440105
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Trial Number:2	Frequency (MHz)	5559.3	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	55	16			690050
2	3	75	15	1835	1867	379299
3	2	70	19	1469		330909
4	1	75	18			610874
5	2	85	10	1049		444083
6	3	60	14	1462	1416	393622
7	3	60	19	1356	1808	235920
8	3	100	15	1000	1770	11023
9	1	70	10			254600
10	1	95	5			270557
11	2	95	15	1522		361087
12	1	70	8			414562
13	2	55	14	1232		474697
14	3	50	20	1312	1509	114679
15	3	85	12	1725	1577	15011
16	1	90	5			655990
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19						
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Trial Number:3	Frequency (MHz)	5520.9	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	100	12	1498	1428	105233
2	1	75	14			638297
3	2	70	14	1337		77902
4	2	85	19	1711		643922
5	2	100	9	1367		400402
6	2	80	18	1427		557470
7	2	70	10	1324		106312
8	3	85	16	1597	1909	97118
9	1	100	7			540883
10	3	60	16	1163	1228	388421
11	1	70	8			484108
12	3	100	6	1084	1776	379314
13	3	75	11	1234	927	452444
14	1	85	10			537701
15	3	85	11	1610	1633	27338
16	3	55	19	1165	1518	128582
17	3	60	14	1786	1225	434531
18	1	75	12			291281
19						
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Trial Number:4	Frequency (MHz)	5504.5	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	7	941		40956
2	3	90	19	1089	1351	470833
3	2	75	19	1765		701446
4	2	60	20	1408		943986
5	2	75	12	1612		404682
6	3	55	16	1440	1560	1297147
7	1	90	13			1203487
8	3	75	15	1365	992	518682
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Trial Number:5	Frequency (MHz)	5539.1	Number of Bursts in Trial:	12	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	100	8			886074
2	3	75	10	1389	1585	959156
3	2	65	12	1064		233579
4	2	50	16	1807		577169
5	2	70	13	1611		658381
6	1	90	17			559333
7	3	75	13	1785	1696	975044
8	2	65	8	1610		290597
9	2	80	7	1734		280239
10	2	75	7	946		683251
11	2	60	6	1873		58732
12	1	75	13			64473
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19						
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Trial Number:6	Frequency (MHz)	5519.7	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	75	13	1147		115725
2	3	85	19	1034	1785	361524
3	3	65	18	970	1525	1036723
4	1	50	20			1075834
5	2	90	9	1118		577551
6	1	70	12			338976
7	1	100	5			510268
8	1	60	13			583568
9	3	80	14	944	971	712332
10	3	65	18	1354	1923	1007068
11	3	65	7	1230	1187	864463
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Trial Number:7	Frequency (MHz)	5512.7	Number of Bursts in Trial:	15	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	95	11	1506		518589
2	3	90	5	1337	1060	234809
3	1	70	10			412217
4	2	50	9	1533		479408
5	3	90	6	1121	1470	460301
6	3	55	18	1894	1234	228944
7	3	60	16	1513	1523	655697
8	3	75	19	1545	1799	712624
9	1	90	19			35333
10	2	50	12	1949		462020
11	2	75	10	1220		42386
12	3	60	9	1589	1876	520944
13	1	100	13			781384
14	1	50	10			582678
15	2	85	18	1913		629719
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17						
18						
19						
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Trial Number:8	Frequency (MHz)	5550.9	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	95	8			85122
2	1	95	20			976067
3	2	80	20	1632		332105
4	1	80	14			117923
5	2	90	16	1803		59473
6	1	55	7			512489
7	3	95	13	1833	1798	40564
8	1	50	17			865730
9	2	50	17	1739		606266
10	2	75	5	1230		1050625
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Trial Number:9	Frequency (MHz)	5556.7	Number of Bursts in Trial:	20	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	80	10	984		371655
2	2	90	12	1199		513970
3	3	85	5	1825	1405	442830
4	3	65	20	1810	1366	571699
5	2	60	19	1434		573844
6	2	70	9	1545		363619
7	2	85	15	1885		364485
8	1	70	12			403067
9	2	85	20	1214		16096
10	3	100	13	1092	954	437120
11	1	90	9			8047
12	1	70	11			251694
13	1	65	20			85664
14	1	55	9			467596
15	2	85	10	1786		414021
16	2	60	5	1680		183793
17	3	85	7	971	1080	470448
18	3	95	14	1862	1544	234862
19	3	80	10	1733	1714	431696
20	2	95	5	1156		392369



Trial Number:10	Frequency (MHz)	5510.3	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	18	1346	1446	153671
2	3	85	17	1711	1542	583418
3	2	75	15	1118		725009
4	2	55	5	1069		719443
5	3	80	5	1373	1550	361797
6	2	50	10	1528		479282
7	3	55	9	1368	1707	152820
8	2	65	9	1377		633667
9	3	50	6	1048	1107	772688
10	2	65	8	1694		241087
11	1	75	13			426342
12	3	75	20	1837	1340	580990
13	2	80	20	1328		218931
14						
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Trial Number:11	Frequency (MHz)	5505.6	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	100	7	1556	1193	697342
2	2	60	13	1024		1117672
3	1	70	8			974445
4	3	90	13	1025	1099	622927
5	2	55	10	1289		662115
6	1	90	18			476421
7	2	70	19	1098		1149607
8	3	70	15	1472	1188	1063516
9	2	50	11	1517		717762
10	1	60	14			281952
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Trial Number:12	Frequency (MHz)	5505.8	Number of Bursts in Trial:	9	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	85	18			1299540
2	2	50	18	1829		697324
3	1	95	18			1181185
4	2	70	17	1602		749643
5	3	65	13	1712	1459	1050951
6	2	75	18	1001		720476
7	3	70	5	1839	1570	851702
8	2	65	12	938		1063967
9	1	85	10			848486
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Trial Number:13	Frequency (MHz)	5511.7	Number of Bursts in Trial:	8	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	50	13			183097
2	3	95	18	1052	945	1263658
3	1	90	16			18671
4	2	95	15	1464		909496
5	3	70	16	1080	1751	1419257
6	3	55	19	1708	1894	231808
7	1	50	12			290197
8	2	75	10	1112		263244
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Trial Number:14	Frequency (MHz)	5526.8	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	65	6			560021
2	1	80	15			761782
3	3	65	20	1487	1460	444830
4	3	90	6	1323	1747	21831
5	2	65	6	1704		179551
6	3	60	16	1684	1167	475298
7	3	50	17	1893	1135	834594
8	3	60	10	1455	1625	614425
9	2	90	12	1287		351397
10	3	75	13	1716	1335	411995
11	1	60	6			818485
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Trial Number:15	Frequency (MHz)	5503	Number of Bursts in Trial:	14	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	80	10	1598	1733	661635
2	1	75	7			465257
3	1	75	7			588726
4	1	70	18			301090
5	2	85	18	1718		699452
6	3	80	13	1102	1550	271046
7	3	70	16	1458	1866	156506
8	1	75	17			758848
9	1	80	6			758014
10	1	95	19			157704
11	3	80	6	1918	1919	725365
12	3	75	9	1875	1584	233680
13	3	90	14	1634	1593	591446
14	2	70	12	1616		119821
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Trial Number:16	Frequency (MHz)	5505.7	Number of Bursts in Trial:	19	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	80	9	1428		185711
2	2	90	20	1431		524121
3	3	75	6	1685	1482	99568
4	3	70	8	1560	1758	564678
5	2	60	20	967		165727
6	2	85	17	1068		135428
7	1	95	9			301782
8	1	55	11			350415
9	3	90	14	1623	1685	174770
10	1	50	17			575752
11	2	85	18	963		237789
12	2	100	15	1157		95347
13	2	55	7	1075		461821
14	1	70	11			578836
15	2	90	10	1674		522151
16	1	95	6			435492
17	2	95	13	1579		480942
18	3	85	12	1848	1427	492202
19	2	95	8	1820		141157
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Trial Number:17	Frequency (MHz)	5512.5	Number of Bursts in Trial:	11	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	90	10			1066214
2	2	75	17	1053		221930
3	3	70	5	1859	1794	743105
4	3	90	10	1624	1805	945208
5	1	55	12			449126
6	3	95	19	1170	1566	658313
7	2	100	15	1098		146242
8	2	55	6	955		720443
9	3	90	10	1007	1381	336982
10	2	95	20	1000		971512
11	2	55	11	993		182761
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Trial Number:18	Frequency (MHz)	5519	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	50	9	978	1262	80178
2	3	70	15	1467	1849	347260
3	1	90	15			474517
4	1	55	7			469249
5	3	80	16	1096	1573	731500
6	1	60	18			488775
7	3	90	15	1460	1738	876844
8	1	85	10			602753
9	1	60	15			724832
10	1	60	19			336039
11	1	100	12			240709
12	3	80	7	1439	1917	1520
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Trial Number:19	Frequency (MHz)	5519.8	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	16	1270		122577
2	1	85	18			355836
3	3	85	5	1809	1430	780226
4	2	70	5	1410		970065
5	2	50	8	1510		1003668
6	3	55	17	1865	1407	920608
7	3	70	16	1405	1070	981636
8	1	75	19			1119114
9	3	95	7	1672	1042	832670
10	2	85	20	1811		1110598
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Trial Number:20	Frequency (MHz)	5511.4	Number of Bursts in Trial:	11	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	3	85	5	1450	1033	337794
2	3	90	5	1775	1037	290666
3	2	55	17	1130		259159
4	1	100	6			287499
5	3	90	11	1040	1493	911054
6	1	65	14			1000852
7	2	100	16	1186		745402
8	3	85	7	1404	1069	530992
9	1	95	14			350432
10	2	65	7	1065		378747
11	1	85	8			339326
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Trial Number:21	Frequency (MHz)	5540.8	Number of Bursts in Trial:	8	Detection (Yes / No)	No
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	85	8			1444922
2	1	65	16			190793
3	3	70	18	1721	1120	955822
4	2	100	18	1547		292295
5	1	70	11			1005508
6	3	95	7	1739	1021	1248328
7	3	60	18	1469	1536	42807
8	3	100	17	1390	1471	1009705
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Trial Number:22	Frequency (MHz)	5531.4	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	65	6	1042		71392
2	3	85	17	1758	1822	826913
3	3	85	6	1145	1575	801092
4	1	95	17			229570
5	3	70	19	1406	1414	592188
6	3	95	19	1061	1647	681957
7	1	75	6			920394
8	3	85	20	1909	1412	557437
9	3	60	11	1602	1294	16523
10	3	90	15	1498	1781	846512
11	1	90	10			665240
12	1	75	14			161700
13	2	50	8	1280		465153
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Trial Number:23	Frequency (MHz)	5557.3	Number of Bursts in Trial:	9	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	100	10	949		250315
2	3	55	18	1376	1177	414349
3	2	60	14	1156		986469
4	2	55	7	1934		1003079
5	2	50	9	1690		153359
6	1	70	11			238395
7	3	75	19	1886	1052	278027
8	2	75	16	1665		595852
9	3	70	19	1327	1608	577410
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Trial Number:24	Frequency (MHz)	5548.5	Number of Bursts in Trial:	16	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	95	14	1213		2432
2	2	65	7	1826		143887
3	3	100	18	1051	1208	577637
4	1	70	17			628047
5	1	60	20			35249
6	2	65	14	1347		478025
7	3	90	19	1023	930	99860
8	2	75	17	1911		277037
9	3	65	11	1123	1556	711213
10	1	55	15			681876
11	3	55	10	1858	1811	718741
12	1	95	20			602490
13	3	100	6	1039	1041	656554
14	3	55	7	1877	1086	638616
15	1	75	5			525818
16	2	90	6	1544		410382
17						
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Trial Number:25	Frequency (MHz)	5513.9	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	15			311629
2	1	65	10			294161
3	2	90	15	1387		171711
4	3	90	16	1512	1593	773502
5	2	95	6	1122		589640
6	1	70	16			699368
7	1	60	13			376747
8	2	55	5	1695		763847
9	2	80	5	1393		152839
10	3	75	20	1417	1815	400652
11	2	95	9	1672		335975
12	2	100	12	1039		614959
13	3	95	8	1111	1494	513149
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Trial Number:26	Frequency (MHz)	5507.7	Number of Bursts in Trial:	13	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	70	13	1819		318151
2	2	80	17	1610		332147
3	2	85	15	1657		706379
4	2	60	9	1283		333978
5	2	65	17	1692		224260
6	3	50	15	1773	1473	525192
7	2	55	16	1192		346356
8	1	60	5			297192
9	3	75	13	1852	1908	436623
10	2	85	9	1647		121705
11	2	60	19	1537		279959
12	1	65	11			576915
13	2	85	17	1169		571572
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Trial Number:27	Frequency (MHz)	5503.8	Number of Bursts in Trial:	12	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	100	8			423553
2	2	85	12	989		825901
3	2	65	10	1467		339476
4	1	50	5			571998
5	1	55	15			947340
6	2	70	10	1536		567567
7	3	50	7	1325	996	430230
8	2	95	9	1082		209282
9	1	65	8			461631
10	2	100	11	1483		503944
11	2	85	19	1366		679074
12	1	85	8			611184
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Trial Number:28	Frequency (MHz)	5560.4	Number of Bursts in Trial:	10	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	100	17			1058335
2	2	75	12	1783		763759
3	3	55	8	1524	1046	111811
4	3	90	20	948	1240	643932
5	3	100	16	1848	1741	690492
6	3	50	10	1255	1888	544899
7	3	95	14	1068	1886	770469
8	2	85	15	1668		343992
9	3	55	8	1486	1477	16465
10	2	100	11	1225		730193
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Trial Number:29	Frequency (MHz)	5529	Number of Bursts in Trial:	8	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	2	60	13	1327		655997
2	3	100	14	1574	1483	418457
3	2	75	6	1237		695059
4	1	55	18			274057
5	3	80	13	1138	1006	246829
6	2	80	16	1055		1031112
7	3	50	15	1101	1361	924421
8	3	95	10	938	1235	727080
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Trial Number:30	Frequency (MHz)	5519.5	Number of Bursts in Trial:	18	Detection (Yes / No)	Yes
Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (us)
1	1	80	7			556440
2	1	50	18			398845
3	3	70	19	1415	1030	362189
4	2	60	20	1045		643003
5	3	65	16	1232	1487	287756
6	2	60	6	1198		576254
7	1	55	9			470558
8	3	85	17	1081	1153	152017
9	3	85	11	1171	1061	54565
10	1	65	10			268684
11	2	55	12	1837		659942
12	3	95	16	1852	1509	374886
13	3	60	13	1630	1922	385450
14	2	95	12	1720		480969
15	3	75	6	1171	1425	461218
16	3	50	9	1361	1488	222911
17	2	60	20	1470		661116
18	3	90	5	1282	1519	117748
19						
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