USA Bin 5 Trial #1

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5176	10	90	1150	1640	0.383007
2	1	5176	10	70			1.157271
3	3	5176	10	85	1918	1719	2.306989
4	3	5176	10	55	1270	1673	2.903057
5	2	5176	10	85	1482		3.44434
6	1	5176	10	65			4.756754
7	1	5176	10	100			5.296192
8	1	5176	10	95			6.441878
9	3	5176	10	85	1868	1373	7.352238
10	1	5176	10	50			8.420207
11	2	5176	10	80	1121		8.647487
12	1	5176	10	65			9.448658
13	2	5176	10	50	1061		10.597771
14	1	5176	10	60			11.382776

USA Bin 5 Trial #2

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5179.2	18	60	1195	1408	0.453357
2	2	5179.2	18	65	1254		2.212846
3	1	5179.2	18	85			4.437981
4	2	5179.2	18	65	1226		5.486207
5	3	5179.2	18	65	1672	1347	6.746943
6	2	5179.2	18	85	1738		8.272436
7	1	5179.2	18	90			10.467352
8	1	5179.2	18	60			11.462636

USA Bin 5 Trial #3

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5174.8	7	65			1.331357
2	2	5174.8	7	75	1049		2.665399
3	3	5174.8	7	50	1424	1911	2.954272
4	1	5174.8	7	95			4.098962
5	2	5174.8	7	90	1964		6.089674
6	2	5174.8	7	70	1507		6.818248
7	3	5174.8	7	75	1031	1672	8.629548
8	2	5174.8	7	95	1186		9.621303
9	3	5174.8	7	70	1542	1530	11.53894

USA Bin 5 Trial #4

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Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5178.8	17	90	1571	1767	0.072402
2	2	5178.8	17	65	1891		1.971546
3	1	5178.8	17	65			2.730975
4	2	5178.8	17	55	1648		3.995652
5	2	5178.8	17	65	1009		4.959782
6	1	5178.8	17	65			6.755843
7	3	5178.8	17	75	1276	1185	7.288192
8	2	5178.8	17	90	1329		9.11941
9	3	5178.8	17	80	1627	1900	9.770632
10	2	5178.8	17	60	1330		11.118683

USA Bin 5 Trial #5

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5176.4	11	80			0.37555
2	2	5176.4	11	100	1668		1.679352
3	1	5176.4	11	100			2.372999
4	2	5176.4	11	70	1825		2.629479
5	1	5176.4	11	95			3.916745
6	3	5176.4	11	90	1621	1756	5.060625
7	1	5176.4	11	55			5.364704
8	3	5176.4	11	65	1937	1795	6.849095
9	3	5176.4	11	60	1123	1120	7.129778
10	2	5176.4	11	85	1936		7.824907
11	1	5176.4	11	70			8.74614
12	3	5176.4	11	60	1448	1769	10.084175
13	2	5176.4	11	85	1419		11.055293
14	2	5176.4	11	60	1853		11.347092

USA Bin 5 Trial #6

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5178.8	17	75	1454		1.133609
2	1	5178.8	17	100			2.350747
3	3	5178.8	17	75	1316	1050	3.249001
4	2	5178.8	17	85	1346		3.758465
5	1	5178.8	17	50			4.872045
6	3	5178.8	17	85	1562	1203	6.142461
7	2	5178.8	17	50	1023		7.902183
8	3	5178.8	17	55	1533	1201	9.444139
9	3	5178.8	17	85	1499	1884	9.620748

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10	3	5178.8	17	85	1559	1283	11.758448

USA Bin 5 Trial #7

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5178	15	95	1670	1078	0.342716
2	2	5178	15	65	1793		1.182973
3	3	5178	15	55	1667	1623	1.474651
4	3	5178	15	90	1115	1622	2.394241
5	3	5178	15	85	1603	1041	2.809908
6	2	5178	15	95	1397		3.484909
7	3	5178	15	90	1353	1892	3.721404
8	2	5178	15	95	1089		4.369991
9	2	5178	15	75	1247		4.866201
10	2	5178	15	95	1381		5.435844
11	3	5178	15	65	1418	1296	6.477082
12	1	5178	15	55			6.817493
13	2	5178	15	55	1292		7.62061
14	2	5178	15	100	1277		8.375492
15	2	5178	15	70	1884		8.950722
16	3	5178	15	60	1590	1168	9.439697
17	3	5178	15	85	1687	1147	9.993195
18	2	5178	15	65	1407		10.644435
19	2	5178	15	65	1405		11.179818
20	1	5178	15	75			11.853735

USA Bin 5 Trial #8

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5176.8	12	75	1973		1.13432
2	2	5176.8	12	80	1259		2.910896
3	2	5176.8	12	85	1062		3.724877
4	3	5176.8	12	50	1159	1715	5.670306
5	1	5176.8	12	80			7.32279
6	3	5176.8	12	100	1127	1772	8.800145
7	3	5176.8	12	60	1092	1315	10.463643
8	3	5176.8	12	70	1825	1775	11.498145

USA Bin 5 Trial #9

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5176.4	11	100			0.073315
2	2	5176.4	11	60	1046		2.256868
3	3	5176.4	11	65	1988	1970	2.648681

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4	3	5176.4	11	100	1495	1430	4.529994
5	3	5176.4	11	80	1633	1902	5.965127
6	2	5176.4	11	60	1322		6.929956
7	1	5176.4	11	95			7.78435
8	2	5176.4	11	55	1574		9.312851
9	1	5176.4	11	95			10.231802
10	1	5176.4	11	85			11.521651

USA Bin 5 Trial #10

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5180	20	95	1505	1720	0.237604
2	3	5180	20	65	1475	1088	0.812667
3	2	5180	20	60	1410		1.842455
4	3	5180	20	55	1379	1889	2.157524
5	3	5180	20	50	1076	1513	3.152075
6	1	5180	20	50			3.815268
7	1	5180	20	85			4.312842
8	2	5180	20	75	1934		4.956554
9	1	5180	20	95			6.278285
10	3	5180	20	90	1163	1014	6.802033
11	1	5180	20	80			7.197405
12	2	5180	20	65	1123		8.193719
13	2	5180	20	50	1489		8.636714
14	2	5180	20	50	1983		9.284349
15	3	5180	20	95	1576	1712	10.364535
16	3	5180	20	75	1114	1754	10.621419
17	2	5180	20	100	1392		11.525864

USA Bin 5 Trial #11

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5250	6	55	2000	1657	0.43482
2	3	5250	6	50	1522	1693	1.731435
3	3	5250	6	100	1911	1009	2.513224
4	3	5250	6	55	1191	1608	4.150984
5	3	5250	6	55	1243	1162	5.900389
6	3	5250	6	100	1372	1122	6.320887
7	3	5250	6	70	1476	1731	7.999299
8	3	5250	6	95	1885	1322	8.877712
9	1	5250	6	80			10.55136
10	1	5250	6	85			10.918459

USA Bin 5 Trial #12

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Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5250	20	80			0.817543
2	3	5250	20	65	1709	1119	1.498293
3	3	5250	20	95	1489	1877	3.656876
4	3	5250	20	60	1573	1336	4.533843
5	1	5250	20	80			5.3971
6	3	5250	20	55	1940	1427	6.819312
7	1	5250	20	95			8.125382
8	1	5250	20	95			9.838577
9	2	5250	20	75	1874		11.466626

USA Bin 5 Trial #13

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5250	12	50	1020	1247	0.581649
2	3	5250	12	80	1096	1021	1.045245
3	3	5250	12	100	1341	1066	1.762675
4	2	5250	12	70	1874		2.12845
5	3	5250	12	100	1632	1731	2.890578
6	1	5250	12	65			3.325483
7	3	5250	12	65	1006	1126	4.084971
8	3	5250	12	90	1911	1007	4.653069
9	2	5250	12	100	1105		5.24218
10	2	5250	12	90	1625		5.461252
11	1	5250	12	55			6.083828
12	3	5250	12	60	1995	1678	6.956333
13	2	5250	12	100	1998		7.524869
14	1	5250	12	55			8.079905
15	1	5250	12	60			8.825693
16	2	5250	12	75	1620		9.036432
17	3	5250	12	90	1088	1839	9.899805
18	3	5250	12	80	1237	1273	10.788807
19	3	5250	12	95	1182	1753	11.182611
20	3	5250	12	90	1518	1441	11.487508

USA Bin 5 Trial #14

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5250	16	55			0.056919
2	2	5250	16	55	1068		1.209677
3	1	5250	16	65			2.209634
4	3	5250	16	60	1714	1603	4.044046

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5	3	5250	16	75	1229	1222	5.196921
6	2	5250	16	65	1307		6.465492
7	2	5250	16	85	1452		7.058213
8	3	5250	16	65	1379	1913	8.591305
9	1	5250	16	95			8.851748
10	1	5250	16	50			10.668758
11	3	5250	16	80	1509	1165	11.547765

USA Bin 5 Trial #15

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5250	15	50	1627	1294	0.778149
2	2	5250	15	65	1686		1.61364
3	1	5250	15	100			2.277417
4	1	5250	15	70			2.872147
5	1	5250	15	70			3.773006
6	1	5250	15	100			4.610679
7	1	5250	15	100			5.2185
8	2	5250	15	85	1886		6.684965
9	2	5250	15	55	1703		6.939536
10	3	5250	15	60	1438	1848	8.417625
11	1	5250	15	95			9.341925
12	2	5250	15	75	1149		9.826706
13	2	5250	15	65	1804		11.02215
14	2	5250	15	80	1903		11.874086

USA Bin 5 Trial #16

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5250	19	60			0.558384
2	1	5250	19	80			2.321813
3	2	5250	19	90	1471		3.506622
4	1	5250	19	65			4.666826
5	2	5250	19	80	1374		5.906696
6	2	5250	19	60	1587		7.745378
7	3	5250	19	50	1370	1920	8.250691
8	1	5250	19	85			10.508598
9	3	5250	19	75	1554	1564	11.951921

USA Bin 5 Trial #17

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5250	8	90	1024		0.781053
2	3	5250	8	65	1793	1940	0.803627

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3	1	5250	8	60			2.334566
4	1	5250	8	100			3.0243
5	2	5250	8	80	1346		3.548404
6	1	5250	8	80			4.226328
7	3	5250	8	55	1168	1899	5.069499
8	3	5250	8	100	1226	1297	6.168192
9	3	5250	8	55	1762	1593	6.418282
10	3	5250	8	80	1081	1279	7.283557
11	3	5250	8	95	1549	1343	8.525714
12	1	5250	8	70			9.212503
13	2	5250	8	55	1468		9.688866
14	1	5250	8	85			11.02801
15	1	5250	8	80			11.75416

USA Bin 5 Trial #18

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5250	19	100	1171		0.150749
2	2	5250	19	60	1812		1.904636
3	2	5250	19	95	1126		3.139902
4	3	5250	19	60	1199	1976	4.310795
5	1	5250	19	70			5.941759
6	3	5250	19	65	1491	1955	7.274482
7	2	5250	19	70	1416		9.322743
8	2	5250	19	85	1720		10.660679
9	1	5250	19	60			11.295305

USA Bin 5 Trial #19

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5250	16	60	1397		0.08245
2	3	5250	16	60	1739	1343	2.356012
3	2	5250	16	85	1985		4.327434
4	1	5250	16	50			5.999546
5	3	5250	16	75	1937	1396	6.885668
6	3	5250	16	100	1500	1543	8.747386
7	1	5250	16	50			9.51906
8	3	5250	16	65	1042	1448	11.753962

USA Bin 5 Trial #20

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5250	11	90			0.665479
2	1	5250	11	75			0.829606

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3	1	5250	11	70			1.390404
4	3	5250	11	80	1088	1929	2.14267
5	2	5250	11	70	1677		2.723089
6	1	5250	11	85			3.54118
7	2	5250	11	85	1584		4.282378
8	1	5250	11	90			5.225502
9	3	5250	11	85	1862	1341	5.501191
10	3	5250	11	70	1713	1979	6.659573
11	3	5250	11	80	1694	1707	7.00395
12	1	5250	11	90			7.728946
13	1	5250	11	90			8.502513
14	3	5250	11	65	1718	1051	9.244122
15	3	5250	11	55	1197	1956	9.750756
16	3	5250	11	80	1179	1783	10.035343
17	3	5250	11	100	1381	1991	11.078569
18	3	5250	11	85	1327	1261	11.599821

USA Bin 5 Trial #21

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5324	10	85	1275		0.526848
2	3	5324	10	90	1072	1687	1.324941
3	3	5324	10	90	1478	1805	1.460063
4	1	5324	10	95			2.157871
5	1	5324	10	70			2.947301
6	3	5324	10	70	1281	1274	3.866046
7	3	5324	10	60	1164	1417	4.404398
8	1	5324	10	60			4.812047
9	2	5324	10	60	1528		5.985906
10	3	5324	10	90	1193	1905	6.469129
11	2	5324	10	75	1080		7.279747
12	1	5324	10	75			7.632049
13	2	5324	10	90	1634		8.596836
14	2	5324	10	90	1359		8.712929
15	2	5324	10	85	1342		9.664365
16	3	5324	10	95	1257	1904	10.03769
17	2	5324	10	85	1394		11.140677
18	1	5324	10	90			11.689645

USA Bin 5 Trial #22

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5324.8	8	85	1899		0.449757
2	2	5324.8	8	55	1875		1.106085

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3	2	5324.8	8	90	1862		1.296299
4	1	5324.8	8	50			2.253622
5	2	5324.8	8	55	1684		2.668219
6	2	5324.8	8	80	1673		3.374028
7	3	5324.8	8	55	1379	1224	3.82465
8	1	5324.8	8	85			4.859259
9	2	5324.8	8	100	1963		5.678999
10	1	5324.8	8	75			6.10006
11	3	5324.8	8	100	1672	1474	6.907
12	3	5324.8	8	90	1667	1029	7.144717
13	1	5324.8	8	70			8.143466
14	2	5324.8	8	85	1278		8.662865
15	2	5324.8	8	90	1031		9.112376
16	3	5324.8	8	85	1867	1408	9.821917
17	3	5324.8	8	55	1082	1503	10.134249
18	1	5324.8	8	100			11.212545
19	1	5324.8	8	85			11.379814

USA Bin 5 Trial #23

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5321.6	16	70			0.500544
2	1	5321.6	16	70			2.095431
3	3	5321.6	16	100	1341	1799	2.537129
4	3	5321.6	16	85	1015	1315	3.707907
5	3	5321.6	16	85	1950	1187	5.240878
6	3	5321.6	16	85	1088	1997	6.741146
7	2	5321.6	16	65	1940		7.94096
8	3	5321.6	16	50	1329	1884	8.821657
9	3	5321.6	16	50	1901	1099	10.441525
10	1	5321.6	16	70			11.912089

USA Bin 5 Trial #24

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5320	20	55			0.192828
2	1	5320	20	100			0.870958
3	3	5320	20	75	1751	1902	1.540508
4	3	5320	20	75	1962	1915	2.799829
5	2	5320	20	50	1822		3.586439
6	1	5320	20	80			4.133304
7	2	5320	20	70	1882		5.00623
8	1	5320	20	50			5.789115
9	2	5320	20	100	1513		6.283542

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10	1	5320	20	95			7.119452
11	2	5320	20	100	1736		7.548626
12	2	5320	20	50	1700		8.463092
13	3	5320	20	80	1799	1059	9.74049
14	1	5320	20	70			10.490582
15	1	5320	20	55			10.507251
16	2	5320	20	50	1060		11.957918

USA Bin 5 Trial #25

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5320	20	50	1929	1601	0.277513
2	1	5320	20	80			1.164483
3	1	5320	20	75			1.915826
4	1	5320	20	100			3.079164
5	1	5320	20	60			3.935522
6	2	5320	20	70	1021		4.721778
7	3	5320	20	95	1706	1979	4.842865
8	3	5320	20	65	1442	1908	6.345935
9	2	5320	20	55	1488		6.959369
10	2	5320	20	100	1830		7.35963
11	3	5320	20	50	1917	1562	8.661899
12	2	5320	20	70	1537		9.206572
13	3	5320	20	65	1798	1642	10.191965
14	3	5320	20	75	1881	1089	10.47591
15	3	5320	20	50	1079	1153	11.694266

USA Bin 5 Trial #26

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5320.8	18	95	1808		1.315329
2	3	5320.8	18	75	1568	1753	1.781051
3	1	5320.8	18	95			3.014799
4	1	5320.8	18	75			5.557111
5	2	5320.8	18	55	1263		7.410165
6	3	5320.8	18	55	1188	1064	8.011121
7	2	5320.8	18	100	1230		9.304201
8	3	5320.8	18	85	1755	1939	11.26003

USA Bin 5 Trial #27

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5322.8	13	60	1735	1888	0.050017
2	3	5322.8	13	85	1678	1260	0.741321

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3	2	5322.8	13	65	1494		1.460794
4	3	5322.8	13	100	1250	1838	1.807206
5	2	5322.8	13	100	1665		2.55529
6	3	5322.8	13	90	1158	1384	3.35313
7	2	5322.8	13	50	1226		4.123652
8	3	5322.8	13	90	1107	1109	4.541022
9	1	5322.8	13	55			5.267222
10	1	5322.8	13	50			5.561911
11	3	5322.8	13	80	1240	1219	6.223294
12	1	5322.8	13	65			6.607515
13	3	5322.8	13	100	1823	1220	7.729729
14	2	5322.8	13	90	1336		7.853277
15	2	5322.8	13	80	1044		8.952894
16	3	5322.8	13	50	1500	1143	9.132654
17	1	5322.8	13	65			9.727396
18	1	5322.8	13	100			10.468057
19	1	5322.8	13	85			11.164418
20	3	5322.8	13	55	1483	1106	11.666083

USA Bin 5 Trial #28

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	1	5321.6	16	70			0.178279
2	3	5321.6	16	65	1354	1777	1.05691
3	2	5321.6	16	90	1440		1.667173
4	3	5321.6	16	75	1205	1641	2.441682
5	1	5321.6	16	75			3.551071
6	2	5321.6	16	80	1494		4.780792
7	3	5321.6	16	50	1094	1144	5.08987
8	1	5321.6	16	70			5.654711
9	2	5321.6	16	80	1320		6.719667
10	3	5321.6	16	75	1904	1422	7.764321
11	2	5321.6	16	55	1774		8.012925
12	2	5321.6	16	100	1036		9.504291
13	2	5321.6	16	60	1232		9.85515
14	3	5321.6	16	85	1867	1435	10.692764
15	3	5321.6	16	70	1374	1781	11.376227

USA Bin 5 Trial #29

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	3	5322.8	13	90	1252	1996	0.8093
2	1	5322.8	13	100			2.048156
3	2	5322.8	13	90	1352		3.318068

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4	3	5322.8	13	60	1959	1118	4.289293
5	3	5322.8	13	60	1326	1001	4.966399
6	1	5322.8	13	70			6.119529
7	1	5322.8	13	65			7.32565
8	3	5322.8	13	100	1306	1742	8.94519
9	2	5322.8	13	95	1954		10.543699
10	1	5322.8	13	80			11.445397

USA Bin 5 Trial #30

Burst #	Pulses	Frequency (MHz)	Chirp (MHz)	PW (uS)	Inter-pulse spacing (uS)	Inter-pulse spacing (uS)	Pulse Start (S)
1	2	5323.2	12	80	1346		0.48306
2	2	5323.2	12	75	1857		1.891416
3	3	5323.2	12	85	1682	1778	3.502485
4	1	5323.2	12	95			4.702771
5	2	5323.2	12	80	1759		7.130393
6	2	5323.2	12	75	1775		8.957821
7	1	5323.2	12	100			9.045593
8	2	5323.2	12	75	1412		11.79459

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*See the Bin6 Radar Characteristics at the end of this report.

Channel 5250 MHz, 160MHz BW, USA Frequency Hopping Radar Statistical Performance

Trial	Hop #	Freq (GHz)	Pulse Start (mS)	1=Detection 0=No Detection	Detection Percentage	Limit
1	15	5271	45	1	76.7%	70.0%
2	3	5322	9	0		
3	8	5257	24	1		
4	3	5289	9	1		
5	3	5264	9	1		
6	1	5291	3	1		
7	5	5289	15	1		
8	5	5277	15	1		
9	0	5256	0	1		
10	7	5290	21	1		
11	14	5326	42	1		
12	3	5325	9	0		
13	10	5271	30	0		
14	2	5283	6	1		
15	7	5327	21	1		
16	1	5314	3	1		
17	4	5281	12	1		
18	6	5304	18	1		
19	7	5289	21	1		
20	0	5273	0	0		
21	4	5257	12	1		
22	4	5270	12	0		
23	3	5266	9	1		
24	1	5317	3	1		
25	6	5253	18	1		
26	7	5286	21	0		
27	4	5266	12	1		
28	1	5273	3	0		
29	4	5256	12	1		
30	5	5312	15	1		

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USA Frequency Hopping Trial #1

Hop #	Freq (GHz)	Pulse Start (mS)
15	5271	45
19	5251	57
30	5264	90
31	5278	93
34	5266	102
37	5304	111
45	5319	135
53	5292	159
57	5252	171
67	5289	201
68	5261	204
72	5293	216
81	5285	243
86	5281	258
96	5322	288

USA Frequency Hopping Trial #2

Hop #	Freq (GHz)	Pulse Start (mS)
3	5322	9
7	5280	21
11	5261	33
15	5299	45
18	5286	54
21	5320	63
41	5298	123
67	5327	201
69	5252	207
71	5292	213
73	5297	219
77	5259	231
83	5303	249
89	5290	267
91	5312	273
94	5257	282
95	5308	285
98	5269	294

USA Frequency Hopping Trial #3

Hop #	Freq (GHz)	Pulse Start (mS)
8	5257	24

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9	5328	27
14	5265	42
17	5253	51
23	5327	69
43	5319	129
56	5315	168
57	5314	171
70	5297	210
82	5324	246
86	5279	258
87	5295	261
89	5310	267
95	5252	285

USA Frequency Hopping Trial #4

Hop #	Freq (GHz)	Pulse Start (mS)
3	5289	9
15	5275	45
23	5315	69
24	5279	72
41	5287	123
44	5258	132
57	5277	171
59	5298	177
60	5282	180
66	5322	198
70	5317	210
75	5314	225
76	5309	228
78	5318	234
83	5276	249
85	5293	255
96	5321	288

USA Frequency Hopping Trial #5

Hop #	Freq (GHz)	Pulse Start (mS)
3	5264	9
21	5278	63
26	5320	78
40	5265	120
47	5289	141
53	5328	159
61	5291	183
65	5283	195

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68	5251	204
70	5261	210
77	5296	231
78	5258	234
85	5273	255
89	5322	267

USA Frequency Hopping Trial #6

Hop #	Freq (GHz)	Pulse Start (mS)
1	5291	3
2	5259	6
4	5311	12
7	5316	21
12	5285	36
28	5266	84
35	5258	105
43	5277	129
57	5313	171
59	5272	177
61	5275	183
63	5306	189
71	5255	213
80	5278	240
89	5262	267
93	5254	279
96	5281	288
98	5271	294

USA Frequency Hopping Trial #7

Hop #	Freq (GHz)	Pulse Start (mS)
5	5289	15
6	5310	18
10	5274	30
27	5272	81
37	5286	111
41	5288	123
46	5320	138
48	5314	144
52	5294	156
55	5269	165
63	5252	189
74	5283	222
83	5290	249
92	5325	276

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94	5300	282
95	5293	285
96	5318	288
99	5323	297

USA Frequency Hopping Trial #8

Hop #	Freq (GHz)	Pulse Start (mS)
5	5277	15
8	5273	24
9	5305	27
19	5292	57
23	5256	69
31	5299	93
32	5311	96
35	5276	105
36	5297	108
40	5318	120
46	5254	138
51	5316	153
54	5315	162
60	5300	180
65	5282	195
67	5253	201
70	5323	210
72	5264	216
78	5313	234
79	5306	237
83	5260	249
87	5320	261
91	5265	273
96	5314	288

USA Frequency Hopping Trial #9

Hop #	Freq (GHz)	Pulse Start (mS)
0	5256	0
2	5300	6
3	5326	9
4	5318	12
9	5295	27
10	5254	30
11	5327	33
19	5267	57
24	5272	72
38	5286	114

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47	5260	141
70	5325	210
74	5293	222
81	5296	243
86	5301	258
90	5253	270
98	5304	294

USA Frequency Hopping Trial #10

Hop #	Freq (GHz)	Pulse Start (mS)
7	5290	21
12	5254	36
15	5280	45
19	5293	57
25	5298	75
40	5269	120
43	5312	129
44	5285	132
45	5305	135
46	5277	138
48	5328	144
65	5266	195
66	5281	198
69	5324	207
71	5265	213
72	5313	216
81	5275	243
84	5320	252
87	5296	261
92	5263	276

USA Frequency Hopping Trial #11

Hop #	Freq (GHz)	Pulse Start (mS)
14	5326	42
24	5317	72
25	5293	75
27	5318	81
33	5304	99
35	5270	105
38	5324	114
45	5320	135
48	5289	144
49	5291	147
65	5278	195

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69	5282	207
80	5307	240
88	5252	264

USA Frequency Hopping Trial #12

Hop #	Freq (GHz)	Pulse Start (mS)
3	5325	9
5	5299	15
20	5275	60
32	5264	96
34	5295	102
39	5312	117
40	5277	120
46	5252	138
50	5322	150
52	5289	156
61	5314	183
76	5313	228
81	5298	243
87	5328	261
88	5261	264
90	5256	270
98	5286	294
99	5321	297

USA Frequency Hopping Trial #13

Hop #	Freq (GHz)	Pulse Start (mS)
10	5271	30
16	5252	48
17	5301	51
20	5260	60
24	5283	72
26	5295	78
32	5297	96
45	5293	135
58	5277	174
74	5273	222
78	5302	234
89	5289	267

USA Frequency Hopping Trial #14

Hop #	Freq (GHz)	Pulse Start (mS)
2	5283	6
7	5318	21

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10	5269	30
18	5262	54
24	5251	72
27	5327	81
33	5307	99
35	5290	105
36	5259	108
44	5273	132
55	5325	165
56	5252	168
67	5304	201
72	5253	216
83	5316	249
84	5250	252

USA Frequency Hopping Trial #15

Hop #	Freq (GHz)	Pulse Start (mS)
7	5327	21
11	5276	33
14	5326	42
15	5263	45
21	5260	63
23	5320	69
25	5271	75
51	5252	153
52	5280	156
55	5312	165
62	5283	186
64	5255	192
65	5257	195
67	5285	201
74	5277	222
77	5287	231
82	5319	246
85	5288	255
86	5298	258
93	5314	279

USA Frequency Hopping Trial #16

Hop #	Freq (GHz)	Pulse Start (mS)
1	5314	3
5	5250	15
9	5278	27
20	5265	60

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22	5252	66
33	5274	99
45	5288	135
48	5312	144
56	5260	168
62	5306	186
64	5280	192
66	5271	198
89	5326	267
90	5277	270
94	5294	282

USA Frequency Hopping Trial #17

Hop #	Freq (GHz)	Pulse Start (mS)
4	5281	12
8	5290	24
22	5274	66
28	5327	84
30	5322	90
40	5265	120
47	5324	141
48	5313	144
52	5280	156
53	5272	159
55	5271	165
59	5277	177
60	5283	180
62	5262	186
71	5256	213
79	5302	237
83	5321	249
87	5286	261
93	5294	279
94	5312	282

USA Frequency Hopping Trial #18

Hop #	Freq (GHz)	Pulse Start (mS)
6	5304	18
28	5294	84
44	5293	132
47	5312	141
71	5255	213
80	5292	240
82	5268	246

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87	5314	261
92	5262	276
93	5328	279
94	5284	282
97	5289	291
99	5321	297

USA Frequency Hopping Trial #19

Hop #	Freq (GHz)	Pulse Start (mS)
7	5289	21
11	5275	33
13	5285	39
18	5318	54
19	5262	57
24	5298	72
31	5268	93
33	5284	99
37	5272	111
43	5316	129
45	5313	135
47	5257	141
55	5288	165
57	5286	171
72	5324	216
81	5323	243
89	5296	267
90	5326	270
91	5328	273
98	5309	294
99	5283	297

USA Frequency Hopping Trial #20

Hop #	Freq (GHz)	Pulse Start (mS)
0	5273	0
8	5313	24
11	5307	33
14	5324	42
17	5320	51
18	5269	54
21	5288	63
23	5265	69
44	5327	132
48	5280	144
61	5282	183

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62	5322	186
63	5284	189
79	5258	237
83	5290	249
85	5311	255
88	5252	264
89	5274	267
94	5281	282

USA Frequency Hopping Trial #21

Hop #	Freq (GHz)	Pulse Start (mS)
4	5257	12
6	5263	18
7	5295	21
8	5288	24
15	5270	45
28	5293	84
32	5299	96
35	5327	105
37	5274	111
38	5272	114
42	5294	126
45	5275	135
49	5273	147
50	5315	150
65	5277	195
78	5313	234
82	5278	246
86	5306	258
89	5262	267
90	5300	270
96	5291	288

USA Frequency Hopping Trial #22

Hop #	Freq (GHz)	Pulse Start (mS)
4	5270	12
23	5303	69
26	5254	78
36	5297	108
39	5324	117
51	5306	153
52	5267	156
56	5251	168
70	5292	210

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71	5296	213
75	5312	225
78	5316	234
80	5295	240
87	5286	261
95	5252	285
99	5318	297

USA Frequency Hopping Trial #23

Hop #	Freq (GHz)	Pulse Start (mS)
3	5266	9
4	5272	12
10	5327	30
11	5279	33
16	5301	48
19	5316	57
24	5317	72
39	5274	117
45	5275	135
66	5253	198
79	5298	237
87	5293	261
94	5286	282
95	5314	285

USA Frequency Hopping Trial #24

Hop #	Freq (GHz)	Pulse Start (mS)
1	5317	3
9	5297	27
16	5264	48
17	5318	51
18	5302	54
21	5323	63
23	5325	69
27	5273	81
30	5266	90
33	5319	99
36	5312	108
47	5328	141
51	5321	153
61	5283	183
63	5263	189
65	5259	195
68	5261	204

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86	5269	258
92	5286	276
98	5301	294
99	5282	297

USA Frequency Hopping Trial #25

Hop #	Freq (GHz)	Pulse Start (mS)
6	5253	18
12	5284	36
15	5297	45
21	5274	63
43	5325	129
48	5299	144
49	5300	147
61	5288	183
67	5280	201
69	5277	207
72	5263	216
73	5320	219
78	5328	234
86	5326	258
89	5265	267
90	5254	270
93	5308	279

USA Frequency Hopping Trial #26

Hop #	Freq (GHz)	Pulse Start (mS)
7	5286	21
15	5262	45
19	5301	57
20	5260	60
27	5308	81
31	5320	93
32	5326	96
33	5268	99
38	5282	114
40	5274	120
50	5297	150
54	5299	162
58	5261	174
60	5285	180
72	5310	216
81	5305	243
88	5275	264

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90	5295	270
92	5256	276

USA Frequency Hopping Trial #27

Hop #	Freq (GHz)	Pulse Start (mS)
4	5266	12
7	5252	21
10	5267	30
11	5265	33
14	5326	42
17	5275	51
36	5268	108
50	5273	150
56	5311	168
62	5269	186
67	5313	201
68	5254	204
70	5307	210
71	5309	213
75	5262	225
77	5287	231
83	5283	249
95	5290	285

USA Frequency Hopping Trial #28

Hop #	Freq (GHz)	Pulse Start (mS)
1	5273	3
11	5292	33
21	5327	63
22	5281	66
26	5258	78
38	5328	114
39	5304	117
43	5252	129
46	5324	138
51	5326	153
64	5297	192
69	5261	207
80	5291	240
87	5266	261
88	5295	264
89	5309	267
95	5280	285

USA Frequency Hopping Trial #29

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Hop #	Freq (GHz)	Pulse Start (mS)
4	5256	12
7	5266	21
8	5302	24
11	5274	33
12	5269	36
27	5286	81
35	5308	105
42	5328	126
44	5297	132
47	5310	141
50	5322	150
55	5283	165
63	5280	189
66	5317	198
70	5272	210
74	5285	222
78	5277	234
83	5321	249
86	5295	258
90	5299	270

USA Frequency Hopping Trial #30

Hop #	Freq (GHz)	Pulse Start (mS)
5	5312	15
10	5310	30
15	5298	45
23	5299	69
30	5278	90
35	5320	105
41	5285	123
43	5263	129
44	5302	132
48	5283	144
50	5280	150
52	5326	156
57	5300	171
58	5290	174
61	5311	183
62	5304	186
65	5296	195
71	5262	213
78	5284	234

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84	5271	252
90	5316	270
91	5256	273
93	5303	279
97	5295	291

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Appendix C: List of Test Equipment Used to perform the test

Equip#	Manufacturer/ Model	Description	Last Cal	Next Due
55107	Keysight (Agilent/HP) / N5182B	MXG X-Series RF Vector Signal Generator	7-Sep-17	7-Sep-18
55109	Keysight (Agilent/HP) / N9030A-550	PXA Signal Analyzer, 3Hz to 50GHz	29-Sep-17	29-Sep-18
54668	Megaphase / RA08-S1S1-18	SMA Cable	03 Aug 2017	03 Aug 2018
56123	Pasternack / PE6072	SMA 50 Ohm Termination	01 Dec 2017	01 Dec 2018
54696	DITOM / D3C2060	Splitter	16-Nov-17	16-Nov-18
41993	Mini-Circuits / ZFSC-2-9G+	Splitter	17-Aug-17	17-Aug-18
55561	Megaphase / F120-S1S1-48	SMA Cable	17-Aug-17	17-Aug-18
55096	National Instruments / PXI-1042	Chassis, PXI	Cal not Req'd	Cal not Req'd
55578	Aeroflex / BWS20-W2	20dB SMA Attenuator	17-Aug-17	17-Aug-18
55847	Dynawave / SMSM-A2PH-012	SMA Cable, 12 IN	17 Aug 2017	17 Aug 2018
54635	Megaphase / F120-S1S1-48	SMA Cable	17-Aug-17	17-Aug-18
55873	Dynawave / SMSM-A2PH-024	SMA Cable, 24 IN	23-Oct-17	23-Oct-18
55868	Dynawave / SMSM-A2PH-024	SMA Cable, 24 IN	23-Oct-17	23-Oct-18

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55588	Aeroflex / BWS30-W2	30dB SMA Attenuator	20-Jul-17	20-Jul-18
42003	Mini-Circuits / BWS30W2+	SMA 30dB Attenuator	21-Sep-17	21-Sep-18
55167	RF Lambda / RFLT4WDC40GK	4 Way Power Divider 40GHz	25-Jan-18	25-Jan-19
55915	Dynawave / SMSM-A2PH-012	SMA Cable, 12 IN	23-Oct-17	23-Oct-18
55931	Dynawave / SMSM-A2PH-012	SMA Cable, 12 IN	23-Oct-17	23-Oct-18
55912	Dynawave / SMSM-A2PH-012	SMA Cable, 12 IN	23-Oct-17	23-Oct-18
55913	Dynawave / SMSM-A2PH-012	SMA Cable, 12 IN	23-Oct-17	23-Oct-18
55358	Mini-Circuits / ZFSC-2-10G	SPLITTER, 2-10GHZ	11-Apr-18	11-Apr-19
54659	Pulsar / PS4-09-452/4S	Splitter	21 Sep 2017	21 Sep 2018
55895	Dynawave / SMSM-A2PH-018	SMA Cable, 18 IN	23-Oct-17	23-Oct-18
55886	Dynawave / SMSM-A2PH-018	SMA Cable, 18 IN	23-Oct-17	23-Oct-18
55888	Dynawave / SMSM-A2PH-018	SMA Cable, 18 IN	23-Oct-17	23-Oct-18
55898	Dynawave / SMSM-A2PH-018	SMA Cable, 18 IN	23-Oct-17	23-Oct-18
56328	Pasternack / PE5019-1	Torque Wrench	28-Feb-18	28-Feb-19

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End

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