

Type 5 Radar Waveform_2

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	85.7	5			183.937
2	1	99.3	5			147.872
3	2	82	5	1098		244.955
4	3	68.4	5	1875	1369	142.823
5	1	75.4	5			182.581
6	1	62.5	5			157.578
7	1	67	5			374.286
8	2	80.4	5	1369		264.004
9	1	67.4	5			676.521
10	2	90.3	5	1249		609.409
11	2	52.4	5	1788		485.316
12	2	88.6	5	1363		207.354
13	2	73.2	5	1900		3.832
14	2	91.1	5	1572		156.869
15	1	73.6	5			417.547
16	3	90.2	5	1706	1265	22.765
17	1	80	5			581.882

Type 5 Radar Waveform_3

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	61.2	18	1304		346.925
2	2	89.8	18	1157		374.893
3	1	78.9	18			796.006
4	2	50	18	1305		457.429
5	2	76.6	18	1688		671.872
6	2	81.8	18	1668		439.175
7	2	89.2	18	1844		282.398
8	3	97	18	1590	1535	679.072
9	2	63.7	18	1619		604.565
10	3	77.1	18	1769	1696	753.698
11	2	93.6	18	1356		571.181
12	2	84.1	18	1639		493.054
13	1	52.6	18			65.177

Type 5 Radar Waveform_4

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	64.5	6	1611		101.719
2	2	77.4	6	1700		569.04
3	2	86.8	6	1013		611.54
4	2	64.1	6	1610		114.58
5	3	82.4	6	1616	1426	330.73
6	3	64	6	1494	1209	541.52
7	2	66.7	6	1059		768.89
8	2	76.9	6	1640		71.19
9	2	50.8	6	1794		704.46
10	1	98.4	6			709.65
11	2	78.9	6	1417		656.55
12	3	86.3	6	1584	1856	462.14
13	2	76.3	6	1809		548.1
14	3	58.5	6	1097	1176	184.7
15	2	63	6	1863		703.5

Type 5 Radar Waveform_5

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	68.8	20	1942		1020.56
2	1	62.3	20			1014.031
3	1	91.4	20			95.722
4	3	89.4	20	1670	1234	383.043
5	2	83.6	20	1380		628.924
6	2	85.6	20	1607		468.555
7	3	73	20	1368	1676	723.015
8	3	60.6	20	1346	1112	840.486
9	1	55.6	20			676.677
10	2	90.3	20	1609		507.218
11	3	58.7	20	1501	1415	1084.609

Type 5 Radar Waveform_6

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	75.5	15	1665		7.379
2	1	70.4	15			474.418
3	2	69.3	15	1427		13.385
4	2	55.9	15	1900		589.153
5	1	57.8	15			62.741
6	2	66.4	15	1805		400.548
7	3	62.8	15	1021	1682	598.156
8	1	61.1	15			259.424
9	3	86.3	15	1916	1102	99.691
10	3	70.7	15	1286	1474	461.339
11	1	71.5	15			27.886
12	2	52	15	1662		343.804
13	2	55.6	15	1387		334.402
14	2	58.1	15	1670		276.149
15	3	67.1	15	1653	1740	126.947
16	3	84.6	15	1279	1905	215.465
17	3	55	15	1774	1150	568.582

Type 5 Radar Waveform_7

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	69.1	9	1086	1310	258.613
2	1	59.8	9			567.06
3	3	65	9	1244	1060	142.96
4	2	67	9	1234		522.43
5	3	95.9	9	1801	1279	524.51
6	2	99.9	9	1769		90.34
7	2	55.3	9	1875		241.75
8	2	91.1	9	1832		79.72
9	2	93.3	9	1443		55.39
10	2	53.4	9	1774		312.67
11	3	62.9	9	1779	1072	121.64
12	2	98.8	9	1426		54.97
13	1	68.3	9			258.84
14	2	97.9	9	1342		161.04
15	2	60.2	9	1342		227.04
16	2	66.9	9	1158		311.91
17	1	55.4	9			100.8
18	1	79.8	9			423.5
19	2	78.9	9	1350		263.2
20	3	69.2	9	1766	1274	10.7

Type 5 Radar Waveform_8

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	86.1	12	1045		685.971
2	2	91.1	12	1200		244.44
3	2	66.3	12	1171		33.49
4	2	80.2	12	1077		92.27
5	1	81.5	12			33.26
6	2	65.3	12	1827		303.46
7	3	57	12	1122	1447	490.93
8	2	59.2	12	1315		676.88
9	1	68.3	12			467.13
10	3	84.8	12	1323	1694	611.08
11	2	96.1	12	1235		635.51
12	2	60.7	12	1569		591.37
13	3	52	12	1591	1317	12.07
14	2	94.7	12	1655		427.8
15	2	93.6	12	1025		319.1

Type 5 Radar Waveform_9

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	89.5	18	1872		394.11
2	3	82.3	18	1429	1385	449.1
3	2	80.3	18	1351		342.42
4	1	97.9	18			172.73
5	2	99	18	1273		476.06
6	2	85.7	18	1624		75.44
7	2	64.3	18	1338		884.87
8	2	67.9	18	1095		213.91
9	2	64.2	18	1879		885.39
10	2	76.2	18	1080		787.57
11	3	80.2	18	1527	1688	675
12	1	58.4	18			519.6

Type 5 Radar Waveform_10

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	100	6			515.462
2	2	66.5	6	1549		167.091
3	2	83.1	6	1918		54.562
4	2	85.1	6	1880		905.953
5	3	56.4	6	1448	1800	389.474
6	3	68.6	6	1062	1072	411.495
7	2	92.4	6	1290		1068.765
8	3	79.6	6	1660	1715	489.996
9	1	74.6	6			575.467
10	1	79.2	6			504.418
11	3	73.7	6	1748	1185	288.509

Type 5 Radar Waveform_11

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	94.3	15	1926		479.194
2	2	99.6	15	1162		922.147
3	2	66.9	15	1245		332.843
4	2	65.8	15	1522		132.07
5	2	74.9	15	1590		750.707
6	2	75	15	1953		227.923
7	1	58	15			320.36
8	2	91	15	1904		1196.267
9	2	97.6	15	1067		738.833

Type 5 Radar Waveform_12

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	65.7	8	1667	1589	344.756
2	3	55.5	8	1916	1001	262.74
3	1	50.5	8			847.08
4	3	67.2	8	1822	1385	888.1
5	2	90.1	8	1057		388.78
6	3	76.9	8	1576	1752	216.76
7	1	94	8			981.54
8	2	56.6	8	1692		17.39
9	1	56	8			764.63
10	2	70.8	8	1766		817.03
11	1	87.1	8			768.7
12	2	56.3	8	1116		858.6

Type 5 Radar Waveform_13

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	99.6	19	1176	1073	151.042
2	2	98.6	19	1691		133.135
3	3	81	19	1820	1240	41.237
4	2	88.9	19	1146		409.54
5	2	56	19	1069		499.913
6	1	74.7	19			246.687
7	2	62.8	19	1668		11.89
8	2	60	19	1538		139.203
9	1	77.8	19			448.557
10	3	66.8	19	1705	1802	110.99
11	2	65	19	1430		622.583
12	2	84.8	19	1005		393.157
13	2	94.5	19	1548		437.91
14	3	72.1	19	1598	1007	188.343
15	2	53.1	19	1727		594.607
16	3	75.2	19	1851	1870	76.3
17	1	89.8	19			50.533
18	2	82.2	19	1600		537.567

Type 5 Radar Waveform_14

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	58.6	14	1924		564.437
2	2	58.4	14	1713		392.04
3	2	88.9	14	1821		559.88
4	1	96.9	14			82
5	2	81.2	14	1521		55.65
6	3	54.7	14	1565	1737	482.22
7	2	68.1	14	1420		224.76
8	2	87.1	14	1335		567.9
9	1	69.9	14			227.02
10	1	71.8	14			275.36
11	1	82.2	14			573.01
12	1	86.1	14			286.98
13	2	83.4	14	1246		614.4
14	2	71.4	14	1741		201.3
15	1	50.1	14			762.9

Type 5 Radar Waveform_15

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	63.2	11			360.01
2	3	99.8	11	1349	1118	563.27
3	3	97.3	11	1639	1805	260.86
4	2	97.7	11	1217		332.43
5	2	69.3	11	1858		314.57
6	3	82.8	11	1938	1099	706.6
7	1	99.8	11			211.56
8	3	86.7	11	1088	1019	733.32
9	1	67.5	11			50.73
10	2	87.1	11	1035		328.62
11	1	66	11			476.64
12	3	54.5	11	1093	1763	28.82
13	3	71.3	11	1459	1650	12.13
14	2	86.9	11	1936		672.1
15	1	80.7	11			239.5
16	1	80.6	11			127.2

Type 5 Radar Waveform_16

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	51.9	13	1997		1233.67
2	2	62.4	13	1744		404.237
3	2	95.7	13	1212		597.083
4	3	97.2	13	1697	1410	508.95
5	2	98.8	13	1614		342.207
6	3	72	13	1206	1457	46.843
7	1	79.3	13			743.27
8	3	60.6	13	1457	1525	903.167
9	2	50	13	1927		1284.833

Type 5 Radar Waveform_17

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	82.5	16	1809		242.438
2	2	52.3	16	1237		391.667
3	3	51.3	16	1742	1510	664.953
4	1	90.7	16			1054.26
5	3	99.8	16	1946	1815	402.347
6	3	62.6	16	1297	1176	178.393
7	1	56.4	16			1008.3
8	2	89.2	16	1946		800.067
9	1	66.1	16			1108.533

Type 5 Radar Waveform_18

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	75	20	1929		8.706
2	2	99.9	20	1483		503.108
3	1	93.8	20			334.635
4	2	91.8	20	1602		460.863
5	3	93.3	20	1560	1557	447.781
6	1	58.5	20			431.708
7	2	74.9	20	1967		301.346
8	2	96.2	20	1712		257.064
9	2	61.2	20	1822		546.381
10	2	90.9	20	1572		421.489
11	3	88.4	20	1129	1851	75.906
12	1	66.5	20			144.174
13	3	74.9	20	1912	1253	163.132
14	1	84.5	20			668.799
15	2	91.9	20	1981		65.487
16	1	90.1	20			499.865
17	3	96.2	20	1420	1220	644.082

Type 5 Radar Waveform_19

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	94.9	18			581.501
2	2	74.8	18	1350		1294.847
3	2	97.6	18	1696		260.633
4	2	95	18	1604		685.31
5	1	58.3	18			259.047
6	2	57.8	18	1466		375.083
7	2	86.1	18	1782		400.52
8	2	64.1	18	1963		984.867
9	1	50.6	18			813.533

Type 5 Radar Waveform_20

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	86	9	1751		325.395
2	1	53.8	9			199.553
3	3	75.4	9	1576	1561	901.526
4	3	92.3	9	1861	1045	307.589
5	3	93.2	9	1176	1025	462.092
6	1	61.1	9			189.045
7	3	98.5	9	1875	1075	122.668
8	2	79.9	9	1414		330.252
9	1	77.6	9			734.065
10	2	99.3	9	1514		659.998
11	1	68.2	9			654.941
12	3	68.6	9	1639	1264	607.654
13	1	87	9			901.077

Type 5 Radar Waveform_21						
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	63.1	7			605.828
2	2	54.5	7	1668		226.026
3	3	60.7	7	1953	1146	312.687
4	2	82.1	7	1979		50.61
5	1	93.1	7			120.573
6	1	59.9	7			31.527
7	2	50.6	7	1170		493.23
8	2	80.6	7	1881		267.563
9	2	67	7	1358		223.327
10	3	94.8	7	1909	1587	443.04
11	1	73.6	7			195.113
12	1	81.7	7			213.247
13	1	62.6	7			648.14
14	3	90.1	7	1641	1297	277.553
15	1	82.1	7			154.557
16	1	90	7			252.9
17	3	66.7	7	1646	1181	258.433
18	1	91.4	7			515.067
Type 5 Radar Waveform_22						
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	77.8	11	1962		334.725
2	2	73.4	11	1812		673.21
3	2	82.4	11	1711		656.37
4	2	54	11	1255		593.08
5	3	73.2	11	1707	1102	102.3
6	1	80.9	11			873.82
7	2	51.2	11	1922		807.24
8	3	99	11	1681	1148	614.16
9	2	89.4	11	1547		859.91
10	2	60.4	11	1499		402.03
11	2	95.2	11	1448		838.2
12	1	58	11			281.3

Type 5 Radar Waveform_23

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	82.6	7	1803		606.398
2	3	85.2	7	1933	1206	441.921
3	2	97.4	7	1236		201.542
4	2	96	7	1293		307.133
5	1	85.1	7			151.764
6	2	90.7	7	1949		181.585
7	2	83	7	1227		396.646
8	2	62.9	7	1780		321.527
9	2	64.2	7	1989		51.588
10	2	69.1	7	1707		328.589
11	2	68	7	1737		235.791
12	2	70.6	7	1690		87.302
13	1	93.2	7			422.663
14	1	79.2	7			499.764
15	2	55.7	7	1189		142.985
16	1	99.9	7			253.606
17	3	88.5	7	1760	1426	49.537
18	3	81.2	7	1927	1627	46.758
19	3	89.7	7	1780	1759	42.079

Type 5 Radar Waveform_24

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	55.7	13	1049		53.586
2	1	55.5	13			386.391
3	2	65.1	13	1547		612.022
4	2	79.7	13	1187		663.883
5	3	93	13	1168	1773	976.124
6	3	63.8	13	1871	1704	999.995
7	3	82.9	13	1588	1810	159.705
8	2	69.7	13	1477		551.516
9	2	71.7	13	1904		191.357
10	1	52.7	13			610.418
11	2	56.3	13	1239		257.209

Type 5 Radar Waveform_25

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	85	13			578.785
2	2	55.6	13	1040		376.28
3	2	76.8	13	1894		1100.36
4	2	98.2	13	1359		1146.18
5	1	87.7	13			359.27
6	2	61.4	13	1840		957.08
7	1	57.9	13			358.55
8	1	98.5	13			601.71
9	3	94.1	13	1801	1359	979.4
10	1	91.9	13			260.3

Type 5 Radar Waveform_26

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	57.9	10	1836	1197	914.425
2	2	51.5	10	1473		905.803
3	3	71.6	10	1246	1081	900.976
4	3	68.8	10	1063	1954	597.429
5	3	84.5	10	1274	1252	671.792
6	2	64.7	10	1620		353.245
7	3	72.7	10	1638	1363	485.438
8	2	81.8	10	1799		206.092
9	1	59.4	10			742.545
10	2	70.8	10	1617		762.488
11	2	79.8	10	1709		485.421
12	2	98.4	10	1320		223.054
13	3	64.4	10	1538	1440	840.877

Type 5 Radar Waveform_27						
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	62.9	15	1519	1653	387.928
2	2	67.8	15	1994		128.761
3	2	95.5	15	1832		248.537
4	2	90	15	1095		55.99
5	2	74.4	15	1928		625.213
6	2	97.4	15	1307		449.417
7	2	99.9	15	1851		389.23
8	2	55.6	15	1684		561.793
9	2	93.3	15	1244		535.007
10	3	74.3	15	1485	1419	247.28
11	2	78.7	15	1690		433.213
12	3	75	15	1713	1216	365.367
13	1	69.1	15			23.29
14	1	68.7	15			509.593
15	2	88.3	15	1529		249.517
16	2	87.3	15	1733		444.3
17	2	77	15	1177		550.933
18	1	50.6	15			145.467
Type 5 Radar Waveform_28						
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	94	12	1208	1861	108.355
2	2	72.9	12	1371		38.013
3	2	94.5	12	1402		5.31
4	2	96	12	1173		615.13
5	1	84.4	12			497.9
6	2	93.1	12	1898		708.3
7	1	65.5	12			201.51
8	1	96.8	12			507.3
9	3	71.1	12	1740	1990	205.11
10	2	52.8	12	1312		410.03
11	1	82	12			201.56
12	2	57.2	12	1688		392.59
13	2	58	12	1758		474.95
14	2	82	12	1709		105.06
15	2	84.7	12	1284		157.1
16	1	61.8	12			361.5

Type 5 Radar Waveform_29

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	67.6	7	1782		583.062
2	3	63.7	7	1000	1683	487.16
3	2	84.9	7	1071		678.07
4	2	98.3	7	1431		268.03
5	1	90.9	7			461.44
6	3	81.6	7	1925	1186	325.58
7	2	82.1	7	1638		358.9
8	2	98.8	7	1470		452.2
9	2	75.9	7	1423		118.7
10	1	93.1	7			5.44
11	3	91.4	7	1406	1518	465.7
12	2	95.6	7	1481		226.92
13	1	80.5	7			30.92
14	3	63.4	7	1220	1142	471.2
15	2	62.6	7	1476		196.1
16	2	55.3	7	1734		683.9

Type 5 Radar Waveform_30

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	88.8	8	1650	1618	252.454
2	2	54.3	8	1327		1148.82
3	1	67.4	8			1120.13
4	1	67.3	8			1103.17
5	2	50.9	8	1719		1102.7
6	2	66.1	8	1055		1186.25
7	2	90.3	8	1452		1132.37
8	2	58.6	8	1870		1169.62
9	2	96.5	8	1886		1036.9
10	1	71	8			56.8

Radar Type 6 - Radar Statistical Performance

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

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
53	5501	159	5	5507	15
54	5509	162	22	5511	66
67	5516	201	24	5528	72
68	5508	204	30	5493	90
70	5494	210	31	5515	93
100	5493	300	35	5530	105
--	--	--	39	5505	117
--	--	--	67	5527	201
--	--	--	70	5512	210
--	--	--	85	5517	255
--	--	--	93	5498	279
--	--	--	95	5525	285

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5497	12	18	5526	54
25	5499	75	22	5492	66
45	5528	135	23	5499	69
47	5513	141	34	5530	102
53	5517	159	43	5517	129
63	5512	189	47	5528	141
74	5506	222	54	5493	162
85	5493	255	75	5508	225
96	5490	288	92	5519	276
--	--	--	96	5500	288

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5508	36	22	5500	66
21	5522	63	27	5497	81
24	5512	72	35	5514	105
28	5506	84	62	5496	186
44	5495	132	71	5527	213
52	5505	156	78	5491	234
67	5510	201	80	5529	240
89	5501	267	81	5528	243
--	--	--	95	5510	285

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
19	5529	57	23	5495	69
60	5510	180	34	5513	102
62	5497	186	42	5494	126
72	5511	216	74	5507	222
79	5492	237	77	5521	231
87	5509	261	91	5515	273
97	5528	291	99	5528	297

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5522	36	36	5501	108
13	5524	39	39	5520	117
19	5493	57	71	5526	213
36	5492	108	78	5524	234
53	5495	159	89	5516	267
56	5498	168	--	--	--
98	5528	294	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5523	27	2	5508	6
10	5495	30	17	5504	51
13	5530	39	23	5520	69
15	5494	45	28	5513	84
17	5508	51	31	5500	93
20	5522	60	33	5530	99
34	5516	102	40	5517	120
49	5498	147	42	5498	126
70	5525	210	47	5525	141
73	5503	219	77	5510	231
74	5529	222	--	--	--
85	5517	255	--	--	--
88	5527	264	--	--	--
97	5521	291	--	--	--
100	5511	300	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
19	5502	57	26	5501	78
22	5522	66	27	5527	81
30	5513	90	40	5498	120
34	5499	102	44	5502	132
77	5523	231	50	5519	150
78	5493	234	53	5511	159
80	5527	240	68	5514	204
19	5502	57	91	5528	273
--	--	--	95	5520	285

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
34	5506	102	9	5496	27
48	5500	144	15	5515	45
50	5503	150	19	5516	57
54	5526	162	66	5509	198
57	5497	171	85	5521	255
70	5527	210	88	5492	264
73	5520	219	92	5499	276

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5495	42	5	5523	15
16	5516	48	7	5504	21
23	5507	69	17	5529	51
39	5524	117	22	5493	66
65	5500	195	25	5525	75
86	5513	258	41	5497	123
14	5495	42	63	5506	189
16	5516	48	76	5519	228
23	5507	69	78	5491	234
--	--	--	95	5500	285
--	--	--	97	5496	291
--	--	--	100	5517	300

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
68	5495	204	3	5499	9
71	5523	213	24	5518	72
79	5516	237	38	5505	114
85	5509	255	41	5524	123
99	5519	297	68	5520	204
--	--	--	80	5494	240
--	--	--	91	5513	273

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5494	9	5	5505	15
12	5501	36	23	5494	69
24	5525	72	26	5525	78
30	5507	90	33	5521	99
36	5502	108	46	5522	138
37	5490	111	62	5517	186
47	5504	141	63	5492	189
51	5526	153	66	5512	198
88	5497	264	70	5496	210
97	5499	291	71	5513	213

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5523	6	8	5501	24
6	5507	18	13	5514	39
15	5512	45	22	5510	66
17	5495	51	32	5515	96
20	5526	60	41	5491	123
22	5529	66	47	5528	141
41	5519	123	83	5526	249
63	5497	189	93	5520	279
72	5493	216	98	5500	294
76	5503	228	--	--	--
78	5509	234	--	--	--
84	5513	252	--	--	--
96	5502	288	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5525	24	7	5514	21
25	5500	75	33	5527	99
27	5514	81	37	5492	111
38	5510	114	39	5497	117
45	5490	135	56	5512	168
51	5496	153	57	5528	171
88	5524	264	63	5498	189
89	5494	267	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
22	5497	66	6	5519	18
45	5494	135	9	5491	27
58	5502	174	21	5516	63
99	5527	297	35	5490	105
--	--	--	38	5501	114
--	--	--	40	5514	120
--	--	--	43	5517	129
--	--	--	81	5512	243
--	--	--	84	5530	252
--	--	--	99	5523	297

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5512	3	4	5523	12
27	5528	81	18	5521	54
28	5494	84	23	5517	69
37	5496	111	27	5494	81
49	5513	147	36	5493	108
51	5497	153	41	5508	123
52	5507	156	42	5522	126
61	5490	183	48	5506	144
67	5530	201	54	5505	162
78	5520	234	60	5515	180
79	5491	237	73	5530	219
97	5501	291	--	--	--



Product	AC1200 Wi-Fi Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/08
Test Item	Radar Statistical Performance Check (802.11ac-VHT80 mode – 5530MHz) – Mode 2		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	1	838	63	1
2	5494	1	698	76	1
3	5496	1	3066	18	1
4	5499	1	858	62	1
5	5502	1	558	95	1
6	5504	1	658	81	1
7	5507	1	718	74	1
8	5510	1	878	61	1
9	5513	1	638	83	1
10	5515	1	618	86	1
11	5518	1	758	70	0
12	5521	1	518	102	0
13	5523	1	778	68	0
14	5526	1	538	98	1
15	5529	1	798	67	1
16	5530	1	2416	22	1
17	5533	1	999	53	1
18	5535	1	1856	29	1
19	5538	1	2148	25	1
20	5541	1	2899	19	1
21	5543	1	2830	19	1
22	5546	1	2041	26	1
23	5549	1	2930	18	1
24	5552	1	1162	46	1
25	5554	1	1540	35	1
26	5557	1	1849	29	1



Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5560	1	1849	29	1
28	5562	1	765	69	1
29	5565	1	810	66	1
30	5569	1	2708	20	1
Detection Percentage (%)					90%



Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	8.8	444	17	1
2	5494	10	212	17	1
3	5496	8.4	410	17	1
4	5499	9	366	17	1
5	5502	6	231	18	0
6	5504	6	277	17	1
7	5507	8.3	237	16	1
8	5510	7.5	412	16	1
9	5513	9	395	17	0
10	5515	9.5	252	17	1
11	5518	8.7	216	16	1
12	5521	9.6	271	17	1
13	5523	8.8	429	17	0
14	5526	10	455	18	1
15	5529	9.2	295	17	1
16	5530	9.8	304	16	1
17	5533	8.8	484	18	1
18	5535	7.5	307	18	1
19	5538	9.2	258	18	1
20	5541	9.5	383	17	0
21	5543	9.9	321	16	1
22	5546	6.7	417	18	1
23	5549	7.8	201	18	1
24	5552	9.2	466	17	1
25	5554	6	315	17	1
26	5557	7.9	279	17	1
27	5560	7.1	318	16	1
28	5562	9.5	384	17	1
29	5565	9.7	397	18	1
30	5569	7.2	336	17	1
Detection Percentage (%)					86.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	7.7	419	17	1
2	5494	9.1	386	17	1
3	5496	8.0	287	17	1
4	5499	7.9	252	18	1
5	5502	9.2	491	16	1
6	5504	6.3	236	17	1
7	5507	8.1	439	16	1
8	5510	9.5	262	16	1
9	5513	7.6	253	17	1
10	5515	8.3	206	18	1
11	5518	8.3	485	17	1
12	5521	6.2	414	17	1
13	5523	8.1	495	16	0
14	5526	7.1	372	16	1
15	5529	8.5	260	17	0
16	5530	6.1	496	17	1
17	5533	8.7	410	17	1
18	5535	8.3	283	16	1
19	5538	6.5	495	17	1
20	5541	6.3	390	18	1
21	5543	10.0	307	16	0
22	5546	7.5	240	18	0
23	5549	9.5	291	17	1
24	5552	6.5	431	17	1
25	5554	6.0	292	17	1
26	5557	8.7	223	17	1
27	5560	9.4	259	18	1
28	5562	7.7	421	17	1
29	5565	6.1	220	17	1
30	5569	9.1	352	16	1
Detection Percentage (%)					86.7%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	19.2	477	15	1
2	5494	13.1	294	13	1
3	5496	17.1	486	15	1
4	5499	19.1	362	16	1
5	5502	18.9	329	15	1
6	5504	15.4	417	13	1
7	5507	19.9	394	13	1
8	5510	14.9	461	12	1
9	5513	18.5	364	14	0
10	5515	11.1	496	14	1
11	5518	11.8	442	12	1
12	5521	13.5	325	14	1
13	5523	19.9	288	15	1
14	5526	12	242	13	1
15	5529	18.6	244	13	1
16	5530	16.2	472	13	1
17	5533	18.2	384	12	1
18	5535	15.6	269	13	1
19	5538	11.6	487	14	1
20	5541	17.8	219	14	0
21	5543	19.8	341	14	0
22	5546	19.9	253	15	1
23	5549	11.6	281	15	1
24	5552	16	243	15	1
25	5554	13.9	241	16	0
26	5557	16.5	432	12	1
27	5560	11.7	432	12	1
28	5562	12.9	250	13	1
29	5565	19.4	319	16	0
30	5569	19.2	356	15	0
Detection Percentage (%)					80%

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

waveforms is as follows:
$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (90\% + 86.7\% + 86.7\% + 80\%) / 4 = 85.9\% (>80\%)$$

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5530.0	1	16	5494.6	1
2	5530.0	1	17	5493.8	1
3	5530.0	1	18	5494.6	1
4	5530.0	1	19	5496.6	1
5	5530.0	1	20	5494.6	1
6	5530.0	1	21	5563.8	1
7	5530.0	1	22	5566.6	1
8	5530.0	1	23	5561.8	0
9	5530.0	1	24	5562.6	1
10	5530.0	1	25	5564.2	1
11	5495.0	1	26	5564.2	1
12	5493.4	1	27	5564.6	1
13	5494.2	1	28	5566.6	1
14	5497.8	1	29	5562.6	1
15	5496.6	1	30	5563.8	1
Detection Percentage (%)					96.7%

Type 5 Radar Waveform_1

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	76.2	5	1305		204.648
2	2	66.9	5	1669		199.968
3	2	53.5	5	1369		341.577
4	2	74.1	5	1129		652.61
5	1	88.7	5			211.593
6	3	71.4	5	1638	1984	286.787
7	2	74.7	5	1029		477.3
8	1	75.5	5			441.063
9	3	83.8	5	1381	1345	622.127
10	3	94	5	1502	1099	254.37
11	1	72.7	5			77.403
12	2	91.5	5	1778		656.147
13	2	94.9	5	1065		452.7
14	3	97.3	5	1313	1068	162.163
15	2	78	5	1842		356.557
16	2	67.5	5	1386		387.8
17	2	76.6	5	1089		438.133
18	1	99.4	5			450.667

Type 5 Radar Waveform_2

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	61.6	16	1211	1413	576.755
2	3	56	16	1126	1437	470.691
3	1	55.4	16			239.332
4	2	86.3	16	1633		270.893
5	3	70.4	16	1287	1965	572.674
6	2	54.2	16	1815		611.735
7	2	75.9	16	1596		117.216
8	1	66.3	16			294.417
9	3	81	16	1095	1041	101.728
10	2	97.4	16	1668		109.759
11	1	83.2	16			80.171
12	3	63.6	16	1873	1599	459.462
13	1	74.9	16			565.793
14	3	95.1	16	1561	1559	274.874
15	2	54.4	16	1873		18.635
16	2	64.5	16	1773		525.176
17	2	89.2	16	1123		315.137
18	2	92.3	16	1218		427.558
19	3	80.8	16	1229	1437	114.979

Type 5 Radar Waveform_3

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	51.5	7	1580		466.27
2	2	60.9	7	1123		210.579
3	3	55.7	7	1079	1987	281.885
4	3	63.9	7	1278	1757	334.603
5	2	86.8	7	1463		456.901
6	2	60.9	7	1505		528.738
7	2	95.3	7	1191		154.636
8	3	81	7	1912	1676	325.214
9	2	60	7	1538		228.081
10	2	79.5	7	1679		207.439
11	2	67.6	7	1283		360.016
12	2	58	7	1128		172.414
13	3	59.1	7	1955	1192	655.702
14	1	58.7	7			187.039
15	1	65.7	7			648.347
16	3	84.9	7	1821	1886	638.965
17	3	89.3	7	1844	1561	196.882

Type 5 Radar Waveform_4

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	65.9	15	1692		510.705
2	2	98.2	15	1000		293.36
3	2	97.1	15	1850		614.45
4	1	89.5	15			901.44
5	2	82.2	15	1436		739.36
6	2	99.9	15	1563		506.45
7	1	99.9	15			503.67
8	3	64	15	1221	1197	453.07
9	2	89.4	15	1664		682.63
10	2	98.8	15	1668		643.28
11	3	58.4	15	1790	1435	536.9
12	3	75.4	15	1913	1657	533.9

Type 5 Radar Waveform_5

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	87.4	8	1267	1471	383.714
2	2	70.4	8	1641		590.09
3	2	54	8	1617		401.76
4	2	83.1	8	1520		647.94
5	2	66.7	8	1601		331.77
6	2	87.5	8	1176		357.03
7	2	64.9	8	1498		155.14
8	3	53	8	1057	1976	348.2
9	1	64.1	8			548.88
10	2	94.2	8	1183		377
11	2	86.8	8	1620		93.24
12	2	60.8	8	1111		177.54
13	3	89.6	8	1394	1839	678.06
14	2	66.8	8	1609		269
15	3	77.7	8	1584	1856	513.9
16	3	92	8	1847	1418	510.7

Type 5 Radar Waveform_6

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	87.7	17	1544		7.619
2	1	87.4	17			818.757
3	2	78	17	1702		1128.283
4	3	66.5	17	1316	1726	1319.01
5	2	91.5	17	1292		1041.177
6	3	80	17	1982	1677	388.933
7	1	71.4	17			1026.84
8	2	66.9	17	1359		347.327
9	3	80.8	17	1985	1678	1086.633

Type 5 Radar Waveform_7

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	65.8	12	1166		38.446
2	1	69.3	12			625.433
3	1	57.7	12			678.156
4	2	81	12	1263		219.309
5	1	51.4	12			842.842
6	3	83.3	12	1192	1104	454.515
7	2	54.7	12	1907		44.718
8	2	70	12	1838		87.352
9	1	88.8	12			828.605
10	3	87.7	12	1627	1999	763.948
11	2	78.4	12	1991		10.921
12	3	66	12	1736	1431	395.654
13	2	56.5	12	1442		135.577

Type 5 Radar Waveform_8

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	88.1	12	1041		649.364
2	1	60.7	12			920.831
3	1	87.1	12			224.712
4	1	90.6	12			688.263
5	1	65.6	12			319.414
6	2	60	12	1837		739.735
7	1	67.8	12			873.155
8	1	94	12			802.656
9	1	62.8	12			652.647
10	1	98.7	12			334.718
11	2	77.1	12	1737		293.009

Type 5 Radar Waveform_9

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	94.9	10	1373		779.047
2	2	50.3	10	1888		849.12
3	2	59.3	10	1874		584.55
4	2	90.1	10	1566		1133.8
5	2	95.8	10	1144		1111.97
6	2	84.8	10	1239		268.97
7	2	68.5	10	1374		805.93
8	2	57.6	10	1917		586.57
9	1	86.1	10			1162.4
10	2	89	10	1547		426.4

Type 5 Radar Waveform_10

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	50.2	17	1147		981.069
2	2	98.5	17	1880		27.35
3	2	71	17	1680		707.61
4	1	56.6	17			202.45
5	2	96.6	17	1215		713.76
6	2	61.2	17	1571		594.18
7	1	74.5	17			863.09
8	2	71.9	17	1285		305.78
9	2	61.5	17	1797		991.46
10	1	80.9	17			755.73
11	1	100	17			787.5
12	1	76.5	17			684.3

Type 5 Radar Waveform_11

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	60	11	2000		918.153
2	3	93.8	11	1635	1796	1035.771
3	1	79.6	11			289.492
4	1	97.9	11			452.883
5	1	86.1	11			143.604
6	1	51.8	11			517.655
7	3	86.8	11	1860	1520	355.665
8	3	95.1	11	1065	1252	760.336
9	2	95.7	11	1588		918.927
10	2	91.6	11	1717		1006.018
11	2	82.7	11	1537		817.909

Type 5 Radar Waveform_12

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	99.6	20	1470		228.568
2	1	83.8	20			968.72
3	2	93.9	20	1634		843.98
4	2	70.1	20	1356		796
5	2	78.3	20	1289		952.84
6	2	84.8	20	1726		849.27
7	2	96.2	20	1593		206.16
8	2	50.4	20	1540		806.18
9	3	64.1	20	1410	1825	459.67
10	3	53.6	20	1428	1315	230.02
11	2	84.4	20	1259		200.4
12	2	51.1	20	1936		936.2

Type 5 Radar Waveform_13

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	74.1	19	1666		317.309
2	2	80.7	19	1235		202.733
3	2	62.2	19	1528		312.426
4	1	73.1	19			725.279
5	1	53.5	19			85.892
6	3	60.2	19	1040	1721	887.505
7	3	91.5	19	1394	1644	5.008
8	2	62.6	19	1894		773.352
9	2	79.3	19	1177		662.465
10	1	58.8	19			800.378
11	2	53.9	19	1100		497.761
12	3	50.8	19	1797	1540	884.054
13	1	68	19			78.777

Type 5 Radar Waveform_14

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	89.5	11			463.804
2	2	69.3	11	1903		658.96
3	2	80.3	11	1255		1068.1
4	3	71.7	11	1761	1723	347.24
5	2	67.2	11	1443		994.03
6	2	51.7	11	1969		263.32
7	2	71	11	1985		216.2
8	2	59.9	11	1812		117.06
9	2	73.1	11	1767		1062.3
10	2	83.1	11	1638		474.9

Type 5 Radar Waveform_15

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	84.4	16	1243	1259	585.973
2	2	100	16	1391		520.843
3	2	91.7	16	1619		257.527
4	1	51.4	16			295.29
5	3	56.3	16	1016	1775	344.663
6	2	98.6	16	1378		628.517
7	1	79	16			256.62
8	1	77.1	16			16.153
9	1	76.1	16			109.827
10	2	91.6	16	1499		228.75
11	3	56.9	16	1347	1833	204.293
12	1	90	16			342.077
13	3	56.4	16	1704	1955	505.07
14	2	94.9	16	1067		587.453
15	1	53.6	16			410.337
16	3	99.5	16	1180	1484	169.6
17	3	85.8	16	1604	1133	125.133
18	3	77.5	16	1001	1688	635.467

Type 5 Radar Waveform_16

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	76	13	1936		513.063
2	1	85.1	13			245.063
3	1	51.9	13			736.856
4	3	60.5	13	1384	1950	431.459
5	2	63.9	13	1100		414.242
6	2	52.6	13	1129		276.505
7	3	59.5	13	1184	1728	651.848
8	1	53.7	13			724.452
9	2	57.2	13	1952		773.445
10	2	92.3	13	1015		626.438
11	1	61	13			773.531
12	3	89.6	13	1804	1864	117.454
13	2	54.3	13	1249		228.477

Type 5 Radar Waveform_17

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	99.8	15	1583		1113.2
2	2	61	15	1314		479.8
3	3	78.5	15	1412	1940	532.73
4	1	73.5	15			427.05
5	2	96.7	15	1042		1162.98
6	2	76.6	15	1341		945.83
7	2	59.9	15	1504		143.53
8	2	69.6	15	1396		810.95
9	2	96.7	15	1795		1118.2
10	3	97.4	15	1766	1106	275.9

Type 5 Radar Waveform_18

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	76.7	14	1187	1649	261.321
2	1	87.7	14			271.473
3	1	90.4	14			321.782
4	2	71.9	14	1840		95.673
5	2	89	14	1386		130.774
6	2	82.9	14	1869		445.035
7	2	73.1	14	1978		335.256
8	2	73.5	14	1810		500.587
9	2	84.1	14	1718		393.278
10	3	83.4	14	1986	1400	440.169
11	1	64.6	14			231.941
12	1	60.7	14			351.072
13	3	64.2	14	1474	1932	378.813
14	2	81.2	14	1448		443.444
15	2	63.2	14	1539		479.755
16	2	71.9	14	1085		23.816
17	1	89.5	14			462.937
18	2	59.8	14	1791		105.658
19	1	59	14			507.279

Type 5 Radar Waveform_19

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	64.8	17	1162		527.89
2	1	84.7	17			1022.13
3	2	83.6	17	1669		1085.54
4	1	75.1	17			760.13
5	1	60.8	17			90.01
6	3	93.4	17	1370	1009	856.19
7	2	66	17	1767		1172.08
8	2	57.2	17	1874		302.35
9	3	80.4	17	1423	1701	846.2
10	2	96.5	17	1003		988.1

Type 5 Radar Waveform_20

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	97.3	10	1163		324.141
2	1	95.8	10			618.111
3	2	53.3	10	1538		202.782
4	3	95.4	10	1938	1883	523.453
5	1	59.7	10			695.964
6	2	88.5	10	1394		305.995
7	1	89.1	10			647.725
8	2	89.5	10	1360		537.116
9	2	50	10	1148		972.627
10	2	76.8	10	1033		937.118
11	3	59.4	10	1922	1269	905.509

Type 5 Radar Waveform_21

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	80.9	9	1725		424.465
2	2	96.4	9	1034		343.92
3	2	54.4	9	1366		484.88
4	2	85.2	9	1346		349.08
5	1	76.7	9			26.66
6	2	72.5	9	1876		155.27
7	2	81.6	9	1454		185.85
8	2	76.9	9	1492		31.01
9	2	74.1	9	1271		408.28
10	2	88	9	1152		313.52
11	2	53.3	9	1717		72.11
12	3	97.3	9	1983	1623	415.99
13	2	92.8	9	1162		654.5
14	2	52	9	1745		398.9
15	2	83.2	9	1474		639.7

Type 5 Radar Waveform_22

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	53.8	15			790.741
2	3	56.9	15	1112	1431	488.48
3	2	75.1	15	1491		635.05
4	1	84.7	15			717.65
5	1	98.4	15			323.32
6	3	53.9	15	1411	1063	731.71
7	2	65.9	15	1140		258.28
8	2	80.9	15	1143		158.53
9	2	96.9	15	1474		50.86
10	1	54.8	15			590.39
11	2	96.8	15	1842		267.6
12	3	60.3	15	1726	1196	433.15
13	2	65.2	15	1074		193.54
14	1	66.6	15			13.2
15	2	75	15	1322		435.7

Type 5 Radar Waveform_23

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	60.3	15			229.513
2	2	79.5	15	1625		43.607
3	1	98.9	15			251.69
4	3	79.8	15	1473	1176	212.39
5	3	89.1	15	1550	1810	18.63
6	3	85.6	15	1861	1416	103.57
7	3	50	15	1325	1426	88.9
8	2	50.9	15	1889		503.67
9	2	60.1	15	1695		128.32
10	1	83.8	15			274.11
11	3	76.6	15	1807	1438	493.07
12	3	56.9	15	1118	1433	399.29
13	2	75.9	15	1381		356.27
14	3	53	15	1058	1945	172.23
15	3	77.4	15	1161	1716	44.93
16	3	64	15	1893	1584	103.19
17	1	65.7	15			173.37
18	2	70.6	15	1752		112.3
19	1	52.9	15			384
20	1	69.6	15			571.7

Type 5 Radar Waveform_24

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	77.5	8	1733		429.237
2	3	78	8	1807	1358	76.665
3	2	92.5	8	1328		494.056
4	2	88.4	8	1047		288.159
5	2	83.4	8	1934		867.472
6	1	97.4	8			240.385
7	3	97.3	8	1626	1581	123.348
8	2	77.9	8	1351		390.492
9	3	52.9	8	1125	1661	589.955
10	2	87.3	8	1903		731.598
11	2	78.3	8	1253		759.591
12	2	56.4	8	1713		100.754
13	2	97.5	8	1165		29.477

Type 5 Radar Waveform_25

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	70.7	16	1832	1344	576.64
2	2	84.3	16	1847		258.927
3	1	87.4	16			573.207
4	2	79	16	1761		195.69
5	3	56.3	16	1074	1585	437.843
6	1	52.6	16			342.987
7	3	50.4	16	1581	1251	238.72
8	1	98.8	16			635.043
9	3	59.8	16	1432	1081	26.757
10	2	94.3	16	1434		149.9
11	1	77.4	16			593.673
12	1	62.4	16			578.687
13	3	99.1	16	1922	1455	477.38
14	1	68.5	16			655.263
15	2	69.4	16	1064		146.537
16	2	72.4	16	1531		91.6
17	2	93.8	16	1185		406.733
18	1	61.8	16			38.267

Type 5 Radar Waveform_26

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	74	19	1205		537.872
2	2	67.8	19	1821		711.44
3	1	51.6	19			694.69
4	2	87.2	19	1268		163.99
5	2	79.6	19	1898		198.35
6	2	65.9	19	1210		465.59
7	2	54.9	19	1423		765.65
8	2	81.7	19	1226		381.26
9	2	81.8	19	1006		983.61
10	2	91.6	19	1158		895.09
11	1	87.8	19			521.7
12	1	62.4	19			776.3

Type 5 Radar Waveform_27

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	57.9	13	1783		515.372
2	2	61.2	13	1225		369.44
3	2	64	13	1625		227.28
4	2	85.3	13	1580		70.74
5	1	88	13			282.6
6	2	99.3	13	1349		512.86
7	3	56.7	13	1206	1002	652.54
8	3	65.4	13	1493	1269	483.78
9	3	97.4	13	1589	1190	378.05
10	3	88.9	13	1246	1861	186.62
11	3	77.5	13	1261	1997	453.89
12	2	92.8	13	1290		624.47
13	2	53.9	13	1107		467.51
14	1	70.3	13			646.3
15	1	94.6	13			393.1
16	1	51.2	13			270.3

Type 5 Radar Waveform_28

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	73	9			61.618
2	1	84.7	9			496.563
3	3	75.5	9	1729	1002	338.057
4	1	94.1	9			330.8
5	2	75.2	9	1226		2.543
6	1	86.7	9			127.397
7	2	50.4	9	1167		241.34
8	3	81.8	9	1921	1060	362.293
9	1	57	9			653.187
10	1	61.6	9			382.98
11	2	53.3	9	1240		634.143
12	3	85	9	1143	1072	214.147
13	3	61.2	9	1292	1389	600.36
14	2	80.6	9	1247		465.223
15	1	54.8	9			546.417
16	1	78.8	9			595.8
17	2	96.5	9	1113		289.333
18	2	98.3	9	1256		452.267

Type 5 Radar Waveform_29

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	52.7	19			950.369
2	2	86.5	19	1253		721.587
3	3	66.7	19	1113	1143	333.913
4	1	88.4	19			856.07
5	3	94.5	19	1559	1384	150.517
6	2	91.7	19	1181		806.413
7	2	93.5	19	1860		312.4
8	1	71.3	19			23.937
9	2	66.6	19	1519		1166.333

Type 5 Radar Waveform_30

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	51.7	15	1376		496.592
2	2	89.1	15	1408		629.8
3	2	50.4	15	1016		507.29
4	2	80.7	15	1746		979.15
5	2	95.2	15	1702		312.61
6	1	91.1	15			258.26
7	2	80.1	15	1403		741.39
8	3	88.2	15	1852	1330	543.35
9	2	71.5	15	1189		307.11
10	2	76.4	15	1804		764.08
11	2	62.2	15	1406		63.9
12	2	69.7	15	1990		385.9



Radar Type 6 - Radar Statistical Performance

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



Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5535	24	4	5512	12
9	5490	27	6	5535	18
12	5507	36	18	5566	54
34	5541	102	19	5529	57
35	5495	105	34	5510	102
41	5512	123	43	5559	129
46	5501	138	44	5493	132
54	5547	162	59	5565	177
55	5545	165	66	5564	198
63	5563	189	70	5505	210
64	5551	192	78	5544	234
70	5521	210	82	5555	246
73	5518	219	84	5550	252
78	5493	234	85	5534	255
95	5529	285	86	5525	258
98	5530	294	91	5502	273
--	--	--	96	5501	288
--	--	--	99	5557	297
--	--	--	100	5541	300

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5568	6	5	5565	15
3	5511	9	8	5524	24
7	5570	21	17	5525	51
22	5550	66	27	5570	81
23	5531	69	28	5556	84
25	5502	75	31	5558	93
40	5509	120	38	5494	114
41	5523	123	39	5542	117
42	5564	126	68	5553	204
44	5522	132	70	5539	210
46	5530	138	71	5545	213
49	5536	147	91	5559	273
72	5515	216	95	5552	285
73	5553	219	--	--	--
78	5510	234	--	--	--
81	5534	243	--	--	--
86	5563	258	--	--	--
97	5505	291	--	--	--
99	5561	297	--	--	--



Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5521	24	2	5532	6
10	5512	30	11	5502	33
13	5540	39	14	5565	42
17	5500	51	30	5561	90
24	5560	72	32	5496	96
35	5559	105	37	5495	111
39	5552	117	54	5507	162
42	5544	126	64	5563	192
50	5491	150	70	5558	210
53	5547	159	82	5535	246
56	5539	168	84	5493	252
79	5496	237	86	5521	258
82	5502	246	89	5491	267
95	5498	285	91	5494	273
96	5561	288	93	5492	279
--	--	--	96	5551	288

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5517	36	1	5496	3
14	5539	42	7	5539	21
20	5495	60	10	5501	30
28	5497	84	19	5541	57
33	5518	99	27	5554	81
36	5540	108	29	5495	87
38	5496	114	35	5562	105
41	5512	123	36	5499	108
53	5519	159	56	5568	168
63	5516	189	57	5505	171
66	5508	198	59	5560	177
68	5541	204	71	5493	213
75	5554	225	80	5530	240
89	5523	267	81	5556	243
90	5552	270	--	--	--
94	5551	282	--	--	--
99	5546	297	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5549	12	5	5530	15
8	5525	24	9	5555	27
12	5493	36	19	5536	57
19	5556	57	30	5548	90
31	5544	93	36	5532	108
39	5512	117	38	5560	114
46	5511	138	40	5542	120
55	5546	165	42	5561	126
63	5564	189	45	5502	135
72	5548	216	55	5525	165
73	5547	219	56	5564	168
78	5567	234	60	5492	180
84	5514	252	62	5519	186
85	5500	255	70	5551	210
86	5559	258	73	5557	219
95	5563	285	100	5523	300
96	5503	288	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5514	18	5	5519	15
9	5524	27	7	5539	21
12	5554	36	20	5550	60
27	5567	81	23	5499	69
29	5534	87	44	5517	132
31	5490	93	46	5548	138
34	5550	102	62	5490	186
35	5491	105	67	5552	201
36	5543	108	77	5494	231
44	5545	132	87	5547	261
46	5519	138	88	5564	264
47	5570	141	90	5522	270
48	5533	144	--	--	--
58	5565	174	--	--	--
60	5549	180	--	--	--
64	5532	192	--	--	--
67	5529	201	--	--	--
76	5508	228	--	--	--
81	5512	243	--	--	--
89	5547	267	--	--	--
97	5551	291	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5522	9	9	5494	27
10	5516	30	10	5528	30
11	5512	33	12	5527	36
17	5508	51	14	5510	42
20	5502	60	18	5548	54
24	5540	72	22	5559	66
25	5534	75	34	5495	102
28	5511	84	43	5519	129
33	5543	99	46	5568	138
34	5531	102	48	5557	144
43	5557	129	49	5540	147
48	5552	144	52	5493	156
52	5535	156	53	5564	159
59	5515	177	55	5505	165
69	5548	207	56	5491	168
70	5558	210	60	5549	180
92	5536	276	67	5502	201
95	5560	285	92	5539	276
98	5554	294	96	5524	288
--	--	--	98	5525	294

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5566	6	4	5525	12
9	5513	27	9	5510	27
11	5515	33	25	5548	75
14	5518	42	26	5566	78
18	5552	54	32	5496	96
21	5516	63	34	5500	102
22	5524	66	40	5558	120
42	5494	126	43	5534	129
43	5508	129	44	5546	132
68	5503	204	52	5560	156
72	5522	216	59	5513	177
77	5527	231	64	5518	192
100	5556	300	67	5530	201
--	--	--	90	5554	270
--	--	--	97	5559	291
--	--	--	99	5504	297

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5521	12	11	5541	33
14	5553	42	16	5498	48
32	5539	96	17	5555	51
41	5520	123	21	5492	63
45	5540	135	33	5504	99
48	5548	144	42	5556	126
50	5536	150	54	5497	162
51	5563	153	55	5518	165
58	5507	174	60	5512	180
61	5534	183	65	5491	195
66	5519	198	71	5548	213
75	5549	225	75	5507	225
77	5490	231	81	5528	243
85	5533	255	82	5494	246
91	5518	273	83	5567	249
97	5556	291	94	5560	282
99	5503	297	97	5527	291

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5557	9	5	5535	15
22	5490	66	6	5565	18
36	5546	108	12	5534	36
37	5521	111	19	5546	57
41	5505	123	26	5533	78
52	5528	156	28	5563	84
68	5501	204	33	5519	99
70	5558	210	37	5550	111
73	5516	219	78	5538	234
74	5526	222	87	5517	261
84	5499	252	93	5526	279
93	5538	279	--	--	--
98	5504	294	--	--	--
100	5491	300	--	--	--



Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5548	15	4	5550	12
10	5498	30	8	5522	24
18	5562	54	16	5518	48
22	5492	66	25	5537	75
23	5569	69	30	5520	90
33	5501	99	38	5539	114
34	5543	102	39	5501	117
40	5518	120	52	5519	156
44	5551	132	54	5509	162
51	5539	153	56	5549	168
53	5516	159	59	5547	177
55	5523	165	61	5527	183
56	5568	168	71	5495	213
60	5527	180	74	5538	222
70	5547	210	79	5564	237
71	5541	213	93	5503	279
73	5529	219	98	5567	294
78	5525	234	--	--	--
86	5536	258	--	--	--
89	5542	267	--	--	--
94	5511	282	--	--	--
95	5513	285	--	--	--
98	5556	294	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5522	30	6	5501	18
13	5510	39	14	5561	42
16	5518	48	16	5525	48
17	5570	51	18	5490	54
21	5505	63	19	5502	57
27	5544	81	20	5508	60
31	5523	93	30	5533	90
35	5560	105	38	5568	114
38	5568	114	43	5542	129
43	5493	129	58	5555	174
44	5558	132	62	5532	186
48	5559	144	64	5503	192
49	5539	147	67	5535	201
55	5532	165	69	5537	207
70	5508	210	75	5495	225
77	5491	231	77	5529	231
82	5569	246	80	5522	240
88	5509	264	90	5517	270
90	5552	270	96	5510	288
91	5494	273	--	--	--
93	5549	279	--	--	--
100	5501	300	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5501	12	11	5545	33
8	5550	24	22	5524	66
9	5565	27	26	5501	78
12	5552	36	32	5532	96
15	5525	45	40	5561	120
31	5555	93	41	5538	123
37	5498	111	45	5540	135
40	5512	120	56	5546	168
44	5499	132	62	5528	186
67	5549	201	64	5514	192
71	5540	213	65	5559	195
78	5490	234	71	5497	213
79	5533	237	78	5567	234
80	5570	240	79	5542	237
91	5546	273	81	5565	243
96	5504	288	83	5492	249
--	--	--	85	5496	255
--	--	--	92	5563	276

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5569	24	6	5534	18
26	5568	78	15	5537	45
32	5541	96	27	5501	81
34	5545	102	29	5505	87
36	5510	108	36	5504	108
37	5543	111	44	5498	132
53	5524	159	50	5529	150
57	5497	171	63	5563	189
71	5499	213	64	5523	192
86	5547	258	67	5518	201
87	5514	261	72	5570	216
94	5566	282	76	5519	228
--	--	--	80	5511	240
--	--	--	82	5546	246
--	--	--	85	5545	255
--	--	--	88	5513	264
--	--	--	94	5543	282
--	--	--	95	5528	285
--	--	--	99	5549	297



Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5490	9	6	5538	18
11	5554	33	12	5502	36
16	5566	48	17	5514	51
21	5534	63	28	5544	84
22	5551	66	33	5558	99
23	5561	69	34	5565	102
25	5524	75	41	5526	123
27	5494	81	43	5534	129
30	5515	90	44	5504	132
35	5569	105	48	5547	144
37	5507	111	74	5492	222
45	5568	135	79	5497	237
48	5491	144	81	5491	243
52	5516	156	82	5541	246
54	5503	162	89	5532	267
56	5547	168	6	5538	18
64	5543	192	12	5502	36
70	5537	210	17	5514	51
76	5510	228	28	5544	84
77	5529	231	33	5558	99
81	5505	243	34	5565	102
99	5525	297	--	--	--

6. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “ 2101TW0002-Setup Photo” file.

Appendix B - External Photograph

Refer to “ 2101TW0002-External Photo” file.

Appendix C - Internal Photograph

Refer to “ 2101TW0002-Internal Photo” file.