

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	1	84.8	7			709.581
2	2	62.8	7	1237		386.16
3	2	69.3	7	1786		254.79
4	2	72.8	7	1366		202.29
5	2	97.5	7	1913		677
6	2	86.8	7	1276		98.56
7	2	99.1	7	1441		4.25
8	3	80.4	7	1168	1452	557.73
9	2	63.8	7	1643		199.02
10	3	98.4	7	1115	1638	699.35
11	1	54.1	7			249.69
12	2	75.1	7	1404		597.35
13	3	74.5	7	1141	1595	296.48
14	3	95.8	7	1210	1206	146.91
15	2	79.6	7	1985		732.4
16	2	84	7	1628		494.9

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	1	67	16			403.648
2	1	63.3	16			182.772
3	1	64.9	16			528.965
4	3	98.9	16	1568	1133	145.953
5	2	81.2	16	1840		48.941
6	2	61.8	16	1738		430.858
7	2	51.6	16	1142		337.246
8	3	65.8	16	1976	1841	208.434
9	2	56.5	16	1301		268.201
10	2	93.5	16	1615		65.909
11	3	72.4	16	1786	1152	142.706
12	2	86	16	1496		84.304
13	3	73.1	16	1306	1127	353.152
14	2	51.3	16	1073		39.479
15	3	91.7	16	1347	1845	526.747
16	2	60.2	16	1211		462.665
17	2	71.3	16	1832		79.882

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	77	20	1758		756.385
2	2	56.6	20	1499		882.071
3	2	59.7	20	1698		82.802
4	2	76.7	20	1956		451.013
5	2	79.3	20	1208		555.664
6	2	68.7	20	1002		165.485
7	2	53	20	1931		416.395
8	3	50.5	20	1353	1862	861.866
9	2	62.5	20	1674		755.097
10	2	88.8	20	1407		11.738
11	3	52.3	20	1048	1185	690.409

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	76.8	7			728.641
2	1	62.9	7			536.24
3	2	52.2	7	1563		134.62
4	1	51	7			723.33
5	2	67.6	7	1656		518.02
6	1	84.2	7			283.46
7	2	73.6	7	1502		577.95
8	1	59.3	7			524.8
9	2	59.7	7	1025		270.79
10	1	82.8	7			36.2
11	3	80	7	1045	1453	82.88
12	2	79.8	7	1839		527.84
13	3	98.3	7	1529	1657	250.12
14	3	53.1	7	1662	1507	571.2
15	3	96.8	7	1533	1914	108.1
16	1	69.9	7			58.4

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	67.1	15	1729	1123	743.04
2	3	78	15	1487	1667	405.963
3	3	61.3	15	1852	1558	312.566
4	1	75.8	15			811.999
5	2	66.6	15	1385		662.102
6	2	82.9	15	1796		757.815
7	1	90.8	15			122.148
8	3	76.6	15	1081	1947	457.032
9	3	66.7	15	1170	1075	381.435
10	1	75.3	15			520.238
11	3	99.2	15	1573	1527	768.041
12	2	81.7	15	1590		766.454
13	3	53.4	15	1725	1537	461.877

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	3	50.3	5	1359	1355	557.914
2	2	64	5	1914		527.71
3	3	97.1	5	1197	1184	578.52
4	3	80	5	1243	1679	286.07
5	3	93.8	5	1276	1149	675.2
6	3	69.5	5	1937	1342	902.34
7	2	71.9	5	1949		611.74
8	1	91.2	5			688.2
9	1	77	5			964.3
10	2	98.2	5	1623		721.9

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	77.8	5	1030		615.98
2	2	61.6	5	1934		116.62
3	2	99.6	5	1624		249.487
4	2	79.6	5	1596		533.72
5	3	88.6	5	1790	1384	394.583
6	3	83.5	5	1951	1798	176.047
7	3	72.6	5	1951	1495	124.69
8	1	98.7	5			308.493
9	1	94.2	5			656.917
10	2	64.7	5	1247		458.36
11	1	69.8	5			426.263
12	1	51.4	5			556.907
13	2	92.7	5	1651		254.7
14	2	68.9	5	1926		341.733
15	3	95.1	5	1010	1938	291.177
16	2	89.3	5	1148		559.9
17	3	96.2	5	1577	1479	508.933
18	3	56	5	1766	1486	64.767

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	2	92.2	7	1683		644.396
2	1	53.2	7			550.718
3	2	99.6	7	1944		600.845
4	3	66.8	7	1647	1692	376.963
5	2	92.3	7	1329		51.481
6	3	55.2	7	1250	1904	659.108
7	2	95.3	7	1944		229.496
8	2	60.4	7	1018		168.684
9	2	84.1	7	1632		63.581
10	3	50.3	7	1360	1590	470.369
11	2	78.9	7	1599		31.136
12	2	70.9	7	1149		621.094
13	1	72.6	7			368.222
14	2	69.5	7	1685		276.389
15	3	61.4	7	1396	1536	472.947
16	3	96.5	7	1660	1733	626.365
17	3	73.5	7	1467	1518	211.682

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	81.8	8	1428		616.147
2	1	78.1	8			360.69
3	2	52.6	8	1907		753.91
4	1	71.2	8			630.46
5	1	80	8			716.42
6	2	72.2	8	1523		323.35
7	2	75	8	1718		30.02
8	2	74.1	8	1895		254.21
9	2	94.4	8	1862		178.45
10	3	58.4	8	1717	1883	694.76
11	2	80.4	8	1427		270.6
12	3	72.6	8	1797	1498	370.2

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	1	62.2	16			334.065
2	3	90.1	16	1485	1226	482.9
3	2	81.6	16	1693		523.05
4	3	65.1	16	1108	1405	707.29
5	2	90.5	16	1243		120.61
6	3	88.9	16	1085	1665	28.52
7	3	63.1	16	1188	1768	473.18
8	2	71.6	16	1381		43.78
9	2	90.5	16	1413		628.12
10	2	83.7	16	1324		563.83
11	1	78.3	16			489.57
12	1	83.7	16			112.94
13	3	55.5	16	1065	1197	521.83
14	2	63.1	16	1490		388.2
15	1	98.9	16			442.1
16	1	79.8	16			677.6

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	85.8	7	1599		677.954
2	2	83.5	7	1806		784.85
3	2	73.1	7	1971		682.52
4	1	87.1	7			387.13
5	2	88.4	7	1568		395.34
6	2	59.3	7	1071		540.21
7	1	61.7	7			63.4
8	2	64	7	1852		106.71
9	1	87	7			251.63
10	1	64.7	7			176.74
11	2	89.3	7	1298		551.4
12	2	55.8	7	1922		150.2

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	3	69.2	18	1654	1028	63.415
2	3	85.6	18	1826	1821	667.74
3	2	75.7	18	1276		548.68
4	2	50.9	18	1719		137.9
5	1	73.3	18			709.19
6	2	64.8	18	1517		701.88
7	2	84.3	18	1463		556.05
8	2	95.6	18	1843		579.17
9	2	79	18	1663		335.67
10	1	90.5	18			205.61
11	3	83.4	18	1358	1298	723.27
12	1	82.9	18			448.06
13	2	72.4	18	1667		522.5
14	1	82.1	18			253.7
15	3	95.4	18	1105	1766	371.3
16	1	87.3	18			624.8

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	2	57	19	1792		487.604
2	1	71.6	19			157.854
3	2	97.6	19	1315		110.747
4	1	53.2	19			524.54
5	3	88.2	19	1442	1808	657.553
6	3	89.7	19	1894	1977	29.197
7	2	63.2	19	1136		99.25
8	2	76.3	19	1418		403.393
9	3	85.8	19	1910	1858	171.297
10	3	87.1	19	1381	1819	628.28
11	1	74.2	19			600.253
12	2	86.4	19	1137		611.877
13	1	67.1	19			538.02
14	2	73.1	19	1662		645.383
15	2	55.9	19	1228		543.457
16	2	81.9	19	1471		458.2
17	3	54.7	19	1817	1140	328.233
18	1	70.4	19			314.067

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	3	59.1	6	1701	1228	286.431
2	3	50.9	6	1703	1724	149.621
3	2	65.5	6	1469		347.487
4	1	61	6			585.07
5	2	75.2	6	1287		635.793
6	1	69.7	6			115.927
7	1	66.7	6			591.45
8	2	70.8	6	1660		150.393
9	2	66.5	6	1700		80.657
10	2	95.7	6	1991		216.47
11	2	88.3	6	1201		636.143
12	2	68.6	6	1179		471.837
13	2	85.7	6	1073		92.92
14	2	53.4	6	1573		381.243
15	3	69.8	6	1238	1488	509.617
16	3	84.1	6	1555	1010	154.7
17	2	68.6	6	1738		20.133
18	2	90.5	6	1654		118.767

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	1	92.5	16			419.006
2	3	91.2	16	1661	1360	935.4
3	2	73.8	16	1499		957.7
4	1	65.7	16			106.81
5	2	91.2	16	1058		180.81
6	3	84.4	16	1725	1777	69.39
7	3	64	16	1289	1694	1146.73
8	1	53.8	16			749.87
9	2	55.4	16	1015		1121.7
10	2	65.4	16	1478		350

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	92.2	20	1376		686.341
2	1	53.9	20			873.52
3	3	51.3	20	1145	1853	84.27
4	1	61.7	20			192.57
5	1	94	20			1151.1
6	2	78.8	20	1755		174.43
7	3	79.5	20	1308	1759	1175.68
8	3	58.7	20	1961	1764	216.24
9	1	53.9	20			310.18
10	3	60	20	1837	1966	240.2

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	1	58.8	17			116.351
2	2	67.8	17	1628		204.853
3	3	94.1	17	1294	1526	909.366
4	1	52.1	17			585.559
5	1	85.7	17			591.542
6	3	54.7	17	1335	1135	426.475
7	3	99	17	1197	1614	562.468
8	1	83.3	17			509.392
9	1	96.1	17			560.055
10	3	81.7	17	1473	1724	277.928
11	1	72	17			135.151
12	3	85.2	17	1911	1294	133.754
13	2	60.9	17	1679		302.977

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	2	91.4	20	1005		463.613
2	2	81.9	20	1577		842.023
3	1	57.8	20			486.676
4	3	63.2	20	1079	1815	795.359
5	1	87.3	20			621.542
6	3	87.8	20	1378	1794	276.455
7	1	64.3	20			585.348
8	3	55.2	20	1147	1985	887.432
9	2	98.2	20	1693		168.845
10	2	54.2	20	1882		104.858
11	2	72.2	20	1465		720.891
12	2	82.7	20	1232		671.154
13	2	63.1	20	1018		892.877

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	3	81.7	11	1099	1478	279.315
2	2	91.5	11	1035		651.498
3	2	85.4	11	1177		16.015
4	1	78	11			194.143
5	2	73.5	11	1510		647.141
6	2	64	11	1202		498.718
7	1	91.3	11			644.216
8	1	71.3	11			96.104
9	1	84	11			257.001
10	2	97	11	1448		532.189
11	3	57.6	11	1766	1086	173.106
12	1	87.4	11			525.104
13	2	70.7	11	1752		537.372
14	2	78.1	11	1754		406.559
15	2	52.2	11	1357		321.347
16	2	79	11	1441		365.565
17	3	93.5	11	1911	1395	416.182

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	1	53.9	19			675.308
2	2	99.3	19	1952		250.58
3	3	88.9	19	1830	1888	256.15
4	3	82.5	19	1736	1825	516.54
5	1	99.9	19			48.62
6	2	62.5	19	1200		431.7
7	1	51.2	19			141.85
8	2	87.2	19	1416		458.85
9	2	54.2	19	1482		59.04
10	1	98.4	19			22.67
11	3	53.6	19	1556	1845	306.16
12	2	91.4	19	1327		160.32
13	2	85.5	19	1144		530.66
14	2	51.1	19	1173		288.8
15	3	55.7	19	1276	1392	532.6
16	2	54.5	19	1629		543

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)
12	5548	36	4	5512	12
14	5527	42	5	5528	15
16	5559	48	7	5529	21
21	5523	63	8	5562	24
29	5561	87	10	5541	30
34	5505	102	13	5503	39
37	5510	111	18	5501	54
41	5539	123	20	5519	60
54	5555	162	36	5558	108
60	5496	180	41	5554	123
91	5515	273	50	5518	150
93	5502	279	55	5537	165
95	5499	285	58	5496	174
99	5514	297	61	5544	183
--	--	--	70	5540	210
--	--	--	86	5514	258
--	--	--	89	5565	267
--	--	--	90	5559	270
--	--	--	100	5502	300

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5513	9	2	5522	6
4	5563	12	9	5567	27
16	5553	48	11	5506	33
19	5521	57	22	5547	66
20	5534	60	24	5508	72
23	5535	69	50	5552	150
24	5545	72	52	5497	156
29	5546	87	54	5560	162
34	5496	102	58	5523	174
49	5515	147	70	5542	210
54	5512	162	73	5496	219
66	5556	198	82	5494	246
70	5569	210	83	5564	249
75	5519	225	85	5517	255
90	5543	270	92	5566	276
91	5552	273	98	5490	294
97	5507	291	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
17	5561	51	1	5492	3
22	5545	66	9	5565	27
25	5534	75	10	5552	30
27	5512	81	13	5544	39
28	5499	84	16	5506	48
34	5555	102	33	5491	99
40	5492	120	36	5534	108
42	5496	126	40	5500	120
45	5495	135	44	5537	132
51	5498	153	47	5530	141
53	5497	159	56	5559	168
57	5569	171	72	5522	216
58	5505	174	80	5518	240
62	5539	186	81	5554	243
64	5527	192	100	5496	300
69	5554	207	--	--	--
78	5517	234	--	--	--
81	5536	243	--	--	--
86	5504	258	--	--	--
90	5506	270	--	--	--
94	5552	282	--	--	--
97	5509	291	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5500	6	11	5547	33
13	5566	39	14	5538	42
22	5540	66	17	5562	51
28	5495	84	29	5503	87
41	5538	123	30	5552	90
43	5514	129	53	5511	159
64	5529	192	77	5536	231
69	5505	207	79	5496	237
70	5501	210	81	5561	243
79	5548	237	92	5531	276
91	5490	273	100	5518	300
100	5534	300	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5494	21	2	5501	6
9	5514	27	7	5493	21
11	5563	33	11	5514	33
13	5555	39	23	5540	69
14	5499	42	34	5533	102
35	5562	105	54	5548	162
41	5510	123	55	5512	165
47	5500	141	56	5544	168
49	5526	147	57	5558	171
55	5531	165	66	5561	198
58	5515	174	70	5537	210
62	5564	186	72	5565	216
65	5523	195	74	5520	222
67	5534	201	75	5560	225
68	5511	204	76	5525	228
74	5549	222	79	5523	237
75	5495	225	81	5511	243
80	5497	240	82	5528	246
94	5525	282	93	5521	279
96	5568	288	--	--	--
98	5520	294	--	--	--
99	5554	297	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5569	3	4	5494	12
26	5556	78	6	5531	18
29	5533	87	9	5540	27
30	5540	90	22	5518	66
35	5521	105	24	5551	72
39	5565	117	32	5493	96
40	5535	120	36	5502	108
41	5497	123	41	5510	123
46	5509	138	45	5492	135
49	5504	147	61	5524	183
51	5526	153	69	5562	207
61	5537	183	71	5555	213
68	5568	204	72	5570	216
69	5490	207	73	5560	219
70	5557	210	75	5525	225
73	5531	219	76	5545	228
85	5510	255	77	5552	231
86	5563	258	79	5534	237
94	5529	282	80	5504	240
--	--	--	81	5557	243
--	--	--	88	5568	264
--	--	--	99	5491	297
--	--	--	100	5536	300

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5542	39	6	5538	18
18	5540	54	8	5551	24
28	5503	84	14	5549	42
31	5497	93	17	5563	51
42	5495	126	19	5532	57
45	5496	135	23	5510	69
51	5505	153	31	5506	93
52	5558	156	38	5497	114
60	5502	180	50	5543	150
70	5527	210	53	5529	159
76	5555	228	62	5496	186
78	5538	234	63	5564	189
80	5543	240	67	5515	201
82	5519	246	68	5503	204
87	5526	261	69	5512	207
88	5525	264	70	5511	210
91	5554	273	73	5554	219
94	5508	282	76	5505	228
--	--	--	80	5570	240
--	--	--	81	5536	243
--	--	--	84	5557	252
--	--	--	85	5561	255
--	--	--	86	5548	258
--	--	--	89	5518	267
--	--	--	90	5519	270
--	--	--	93	5540	279
--	--	--	96	5516	288

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5536	15	10	5532	30
10	5539	30	11	5491	33
12	5568	36	12	5543	36
15	5495	45	18	5493	54
21	5530	63	23	5536	69
30	5525	90	30	5545	90
38	5561	114	32	5533	96
46	5505	138	43	5528	129
54	5494	162	44	5503	132
56	5508	168	56	5498	168
57	5564	171	58	5505	174
66	5555	198	59	5561	177
72	5509	216	60	5560	180
95	5499	285	72	5490	216
--	--	--	79	5511	237
--	--	--	85	5504	255
--	--	--	88	5529	264
--	--	--	97	5550	291
--	--	--	99	5562	297

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5491	18	1	5497	3
7	5565	21	9	5515	27
13	5537	39	11	5556	33
20	5533	60	15	5506	45
22	5515	66	22	5537	66
26	5553	78	31	5540	93
27	5512	81	38	5499	114
56	5505	168	43	5491	129
57	5493	171	46	5559	138
61	5508	183	47	5523	141
66	5554	198	62	5522	186
85	5500	255	64	5552	192
94	5498	282	67	5529	201
98	5492	294	71	5503	213
--	--	--	82	5490	246
--	--	--	87	5511	261
--	--	--	88	5519	264
--	--	--	97	5563	291

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5530	3	1	5559	3
9	5551	27	8	5508	24
12	5539	36	13	5510	39
14	5503	42	19	5505	57
21	5495	63	32	5541	96
39	5532	117	34	5518	102
41	5557	123	37	5504	111
52	5537	156	39	5538	117
75	5565	225	44	5566	132
79	5491	237	46	5516	138
81	5527	243	49	5520	147
83	5490	249	50	5517	150
87	5538	261	55	5554	165
93	5549	279	62	5501	186
96	5541	288	63	5519	189
100	5526	300	68	5502	204
1	5530	3	73	5491	219
9	5551	27	74	5533	222
--	--	--	80	5564	240
--	--	--	88	5550	264

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5556	27	12	5568	36
16	5505	48	18	5505	54
18	5494	54	22	5516	66
21	5569	63	23	5550	69
24	5503	72	25	5529	75
28	5511	84	30	5495	90
31	5548	93	44	5567	132
50	5508	150	68	5565	204
56	5525	168	78	5536	234
62	5527	186	82	5515	246
63	5493	189	85	5513	255
68	5552	204	88	5520	264
72	5543	216	95	5552	285
76	5545	228	100	5498	300
77	5558	231	--	--	--
78	5562	234	--	--	--
84	5546	252	--	--	--
91	5554	273	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5551	3	15	5511	45
15	5554	45	17	5545	51
19	5548	57	22	5536	66
21	5516	63	23	5498	69
28	5559	84	25	5560	75
31	5530	93	38	5519	114
37	5539	111	39	5562	117
40	5529	120	55	5543	165
45	5564	135	57	5533	171
52	5497	156	64	5507	192
55	5535	165	65	5512	195
65	5491	195	76	5540	228
67	5562	201	82	5513	246
74	5509	222	94	5526	282
83	5536	249	98	5535	294
87	5543	261	100	5561	300
88	5496	264	--	--	--
89	5508	267	--	--	--
95	5550	285	--	--	--
96	5490	288	--	--	--
100	5514	300	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5514	18	12	5522	36
9	5510	27	21	5543	63
28	5536	84	32	5537	96
29	5565	87	35	5525	105
31	5555	93	41	5561	123
33	5554	99	45	5518	135
41	5537	123	50	5552	150
44	5499	132	53	5506	159
45	5505	135	59	5526	177
46	5558	138	63	5514	189
49	5556	147	65	5510	195
69	5564	207	66	5542	198
70	5551	210	75	5564	225
84	5545	252	--	--	--
88	5526	264	--	--	--
89	5559	267	--	--	--
95	5529	285	--	--	--
96	5506	288	--	--	--
100	5501	300	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5508	36	6	5515	18
15	5498	45	16	5491	48
22	5546	66	17	5538	51
30	5496	90	22	5559	66
45	5501	135	28	5533	84
48	5543	144	40	5500	120
62	5509	186	45	5546	135
64	5558	192	51	5529	153
68	5551	204	54	5519	162
78	5534	234	58	5532	174
93	5523	279	61	5549	183
99	5495	297	63	5564	189
12	5508	36	69	5511	207
15	5498	45	72	5551	216
22	5546	66	78	5527	234
30	5496	90	79	5542	237
45	5501	135	94	5543	282
48	5543	144	--	--	--
62	5509	186	--	--	--
64	5558	192	--	--	--
68	5551	204	--	--	--
78	5534	234	--	--	--
93	5523	279	--	--	--
99	5495	297	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5541	3	8	5516	24
6	5508	18	12	5500	36
7	5492	21	13	5522	39
13	5534	39	30	5493	90
15	5495	45	44	5520	132
16	5550	48	52	5503	156
29	5506	87	56	5556	168
31	5537	93	59	5566	177
35	5513	105	68	5552	204
39	5552	117	91	5558	273
63	5505	189	99	5550	297
74	5545	222	--	--	--
77	5497	231	--	--	--
79	5522	237	--	--	--
88	5565	264	--	--	--
91	5549	273	--	--	--

Product	AC1200 Wi-Fi 訊號延伸器	溫度	27°C
Test Engineer	Kevin Ker	濕度	65%
Test Site	SR2	測試日期	2021/04/08
Test Item	Radar Statistical Performance Check (802.11ac-VHT20 – 5500MHz) - 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	5490.4	1	838	63	1
2	5491.1	1	618	86	1
3	5491.8	1	538	98	0
4	5492.5	1	898	59	1
5	5493.2	1	518	102	1
6	5493.9	1	918	58	1
7	5494.5	1	758	70	1
8	5495.2	1	718	74	1
9	5495.9	1	798	67	1
10	5496.6	1	938	57	1
11	5497.3	1	658	81	1
12	5498.0	1	3066	18	1
13	5498.7	1	678	78	1
14	5499.4	1	578	92	1
15	5500.0	1	858	62	1
16	5500.7	1	3057	18	1
17	5501.3	1	631	84	1
18	5502.0	1	1452	37	1
19	5502.6	1	1427	37	1
20	5503.3	1	2331	23	1
21	5504.0	1	951	56	1
22	5504.6	1	2267	24	1
23	5505.3	1	2710	20	1
24	5505.9	1	909	58	1
25	5506.6	1	1976	27	1
26	5507.3	1	2810	19	1

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5507.9	1	2041	26	1
28	5508.6	1	1142	47	1
29	5509.2	1	1844	29	1
30	5509.6	1	1749	31	1
Detection Percentage (%)					96.7%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5490.4	2.2	166	26	0
2	5491.1	1.9	201	24	1
3	5491.8	1.9	212	29	1
4	5492.5	3.2	200	28	1
5	5493.2	3.6	213	23	0
6	5493.9	3.4	209	28	1
7	5494.5	3.7	197	25	0
8	5495.2	1.6	158	28	1
9	5495.9	1.9	164	26	1
10	5496.6	4.0	173	25	1
11	5497.3	1.6	177	27	1
12	5498.0	4.0	196	23	1
13	5498.7	1.8	210	24	1
14	5499.4	3.9	221	29	0
15	5500.0	3.7	200	24	1
16	5500.7	3.3	159	26	0
17	5501.3	1.5	181	26	0
18	5502.0	1.7	202	25	1
19	5502.6	3.6	227	23	1
20	5503.3	3.6	206	28	1
21	5504.0	1.0	154	28	1
22	5504.6	2.6	151	27	1
23	5505.3	1.2	155	26	0
24	5505.9	4.8	173	25	1
25	5506.6	2.8	151	27	1
26	5507.3	1.0	172	26	1
27	5507.9	4.7	182	23	0
28	5508.6	3.9	205	23	1
29	5509.2	1.3	223	25	1
30	5509.6	3.1	162	27	1
Detection Percentage (%)					73.3%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5490.4	8.8	474	17	0
2	5491.1	7.8	311	18	1
3	5491.8	8.4	342	17	1
4	5492.5	6.0	398	17	1
5	5493.2	8.1	380	17	1
6	5493.9	6.8	228	17	0
7	5494.5	9.9	210	18	1
8	5495.2	9.5	381	17	1
9	5495.9	9.6	261	18	1
10	5496.6	8.7	447	16	1
11	5497.3	6.1	422	18	1
12	5498.0	6.0	463	17	0
13	5498.7	8.4	221	17	0
14	5499.4	8.4	496	17	1
15	5500.0	8.4	246	18	1
16	5500.7	7.2	457	17	1
17	5501.3	6.6	350	17	1
18	5502.0	9.4	368	16	1
19	5502.6	6.9	385	16	1
20	5503.3	6.9	389	16	1
21	5504.0	6.3	337	17	1
22	5504.6	8.4	495	17	0
23	5505.3	9.0	446	18	1
24	5505.9	8.5	420	18	1
25	5506.6	6.5	284	18	1
26	5507.3	8.9	376	16	1
27	5507.9	7.5	205	18	1
28	5508.6	9.6	394	17	0
29	5509.2	6.8	399	17	1
30	5509.6	8.3	216	17	1
Detection Percentage (%)					80%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5490.4	14.1	384	16	1
2	5491.1	15.3	226	14	1
3	5491.8	15.6	239	16	1
4	5492.5	13.8	426	13	1
5	5493.2	14.6	453	15	1
6	5493.9	13.9	454	15	0
7	5494.5	12.4	417	15	1
8	5495.2	16.8	282	13	0
9	5495.9	16.5	220	14	1
10	5496.6	13.5	278	14	0
11	5497.3	15.5	337	13	1
12	5498.0	12.9	418	14	1
13	5498.7	16.8	308	13	1
14	5499.4	11.8	287	13	1
15	5500.0	11.9	283	13	1
16	5500.7	12.6	291	12	1
17	5501.3	19.6	251	16	1
18	5502.0	15.5	423	15	1
19	5502.6	17.8	320	16	0
20	5503.3	14.4	381	15	1
21	5504.0	12.4	331	13	0
22	5504.6	15.9	222	16	0
23	5505.3	15	231	12	1
24	5505.9	13.5	470	13	1
25	5506.6	11.8	383	14	0
26	5507.3	12.4	499	15	1
27	5507.9	11.3	414	13	0
28	5508.6	12	429	13	0
29	5509.2	13.9	322	13	1
30	5509.6	18.4	436	16	1
Detection Percentage (%)					70%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (96.7\% + 73.3\% + 80\% + 70\%) / 4 = 80\% (= 80\%)$

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	5500.0	1	16	5499.0	1
2	5500.0	1	17	5493.8	1
3	5500.0	1	18	5495.8	1
4	5500.0	1	19	5495.8	1
5	5500.0	1	20	5496.2	1
6	5500.0	1	21	5503.4	1
7	5500.0	1	22	5505.4	1
8	5500.0	1	23	5507.0	1
9	5500.0	1	24	5504.6	1
10	5500.0	1	25	5501.8	1
11	5495.0	1	26	5501.0	1
12	5495.0	1	27	5501.0	1
13	5494.2	1	28	5505.4	1
14	5497.0	1	29	5503.0	1
15	5494.6	1	30	5505.8	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

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	76.3	15	1342		194.743
2	2	65.2	15	1312		255.873
3	3	77	15	1508	1740	463.866
4	2	92.5	15	1081		804.889
5	2	55.4	15	1183		774.102
6	2	58.8	15	1272		648.365
7	2	73.4	15	1310		767.008
8	2	95.6	15	1468		314.302
9	3	67.4	15	1591	1592	244.835
10	3	82.4	15	1322	1521	114.818
11	2	64.8	15	1232		829.331
12	1	84.7	15			782.754
13	1	71	15			62.477

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	54.4	10			9.56
2	1	60.8	10			149.83
3	1	93.6	10			28.08
4	3	92.3	10	1076	1549	74.6
5	1	77.2	10			199.85
6	3	70.6	10	1283	1447	876.52
7	1	99.9	10			204.94
8	2	94.5	10	1645		363.43
9	1	61.3	10			751.6
10	2	66.5	10	1380		361.6

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	1	67.5	9			32.243
2	2	66.9	9	1672		58.045
3	3	94.5	9	1388	1979	18.032
4	2	87.5	9	1903		144.513
5	2	63.2	9	1484		548.914
6	3	67.7	9	1594	1715	261.455
7	2	73.3	9	1755		15.366
8	1	73.6	9			52.037
9	1	60	9			137.498
10	3	84.2	9	1233	1499	232.409
11	2	69.5	9	1338		172.711
12	3	76.9	9	1987	1232	350.982
13	2	81.5	9	1176		524.243
14	2	64.6	9	1852		236.174
15	3	56	9	1213	1435	474.745
16	1	67.9	9			620.316
17	2	79.3	9	1520		333.637
18	3	50.9	9	1189	1325	135.358
19	2	55.3	9	1410		305.479

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	57	18	1597		372.119
2	3	64	18	1761	1977	375.508
3	2	72.6	18	1196		549.725
4	2	82.6	18	1871		467.313
5	3	56.4	18	1773	1569	674.491
6	1	77.3	18			328.818
7	2	69.8	18	1400		628.106
8	1	99.8	18			365.404
9	2	51.2	18	1520		643.271
10	1	62.8	18			218.839
11	3	67.7	18	1517	1185	31.646
12	2	74.7	18	1307		462.204
13	3	85.6	18	1676	1066	229.322
14	2	53.6	18	1677		13.619
15	2	51.1	18	1134		73.457
16	3	51.3	18	1076	1589	279.265
17	2	74.6	18	1903		85.382

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	99.2	15	1107		351.685
2	2	87	15	1397		593.748
3	2	67.9	15	1475		105.125
4	2	70	15	1394		610.383
5	2	66.5	15	1970		145.511
6	1	87.4	15			521.048
7	2	89.1	15	1454		251.916
8	2	96.9	15	1662		36.644
9	3	72.1	15	1963	1142	638.811
10	2	59	15	1224		238.039
11	2	92.3	15	1313		694.946
12	3	67.6	15	1507	1454	423.034
13	2	83.4	15	1242		257.532
14	3	76.3	15	1575	1516	587.559
15	2	81.5	15	1770		45.507
16	2	89.2	15	1868		599.165
17	1	94.4	15			107.982

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	1	98.8	18			46.863
2	2	76.1	18	1450		610.833
3	3	52	18	1311	1370	614.747
4	3	90.2	18	1143	1910	313.72
5	2	91	18	1160		54.713
6	1	71.5	18			461.907
7	1	62	18			653.32
8	3	67.7	18	1861	1994	488.973
9	2	51.4	18	1828		322.937
10	2	81.5	18	1879		600.66
11	2	85.1	18	1184		269.043
12	3	61.7	18	1803	1837	470.847
13	2	81.9	18	1871		614.63
14	3	82.8	18	1636	1168	284.983
15	2	76.4	18	1187		234.587
16	3	75.7	18	1978	1159	283.3
17	2	53.1	18	1112		296.333
18	2	61.1	18	1570		308.867

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	2	69.8	6	1366		300.084
2	1	53.7	6			148.046
3	1	68.6	6			386.03
4	1	94.5	6			344.97
5	2	75.5	6	1740		326.73
6	1	79.3	6			416.13
7	3	98.5	6	1615	1932	291.32
8	2	53.9	6	1848		719.55
9	2	92.1	6	1119		41.76
10	3	94.8	6	1345	1794	726.35
11	2	66.7	6	1665		285.51
12	1	88.2	6			293.16
13	2	50.2	6	1586		62.73
14	3	96.4	6	1559	1667	217.87
15	1	83	6			379.8
16	1	54.4	6			99.8

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	1	72.2	6			339.056
2	3	70.6	6	1015	1978	119.546
3	1	77.2	6			61.224
4	3	61	6	1166	1744	651.931
5	1	63.3	6			491.119
6	1	52.9	6			718.836
7	2	98.2	6	1257		255.073
8	2	96.8	6	1617		583.19
9	1	77.3	6			494.437
10	2	95.9	6	1037		741.844
11	2	63.5	6	1756		22.161
12	3	82.7	6	1410	1204	31.489
13	1	90.8	6			402.886
14	2	76.6	6	1406		830.643

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	1	73.9	18			151.006
2	2	50	18	1755		341.391
3	1	71.1	18			645.022
4	2	77.5	18	1770		403.683
5	3	61.5	18	1637	1907	587.094
6	3	82.4	18	1545	1544	597.285
7	1	72.5	18			1032.775
8	2	82.1	18	1988		940.236
9	1	62.3	18			239.807
10	2	74.6	18	1455		682.018
11	2	81	18	1142		156.309

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	2	74.8	20	1266		282.76
2	2	96.6	20	1707		356.103
3	2	99.1	20	1861		171.467
4	3	77.9	20	1817	1349	617.03
5	1	75.7	20			265.343
6	2	62	20	1153		10.187
7	2	85.1	20	1492		239.27
8	3	52.8	20	1829	1238	129.023
9	2	66.6	20	1390		417.667
10	3	79.1	20	1629	1280	161.05
11	2	98.1	20	1307		331.643
12	2	55.8	20	1539		327.007
13	3	70.2	20	1168	1444	608.21
14	2	87.3	20	1867		579.123
15	3	95.7	20	1627	1189	365.427
16	2	52	20	1464		611.9
17	3	72.9	20	1534	1589	240.233
18	2	79.4	20	1880		657.967

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	63.8	11	1466		601.282
2	2	87.6	11	1309		720.24
3	2	54.5	11	1905		640.25
4	2	57.2	11	1438		103.83
5	2	64.6	11	1173		311.67
6	1	77.5	11			380.32
7	2	50.3	11	1840		281.98
8	3	66.1	11	1649	1538	261.13
9	2	90	11	1937		680.28
10	2	75.8	11	1602		594.13
11	2	62.4	11	1977		216.99
12	3	96.9	11	1411	1158	404.75
13	3	54	11	1904	1254	715.7
14	2	62.8	11	1551		228.5
15	2	95.9	11	1202		429.2
16	2	81.3	11	1519		227.3

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	97.9	6	1701	1975	206.054
2	2	85.2	6	1813		301.249
3	2	88.5	6	1530		214.22
4	1	80.2	6			424.4
5	2	61.8	6	1476		540.35
6	2	69.6	6	1134		382.94
7	1	98.3	6			100.51
8	2	83.8	6	1746		10.93
9	2	83.1	6	1520		274.59
10	1	76.2	6			247.63
11	3	96.5	6	1493	1224	258.17
12	2	51.4	6	1269		494.1
13	2	89.2	6	1222		374.53
14	1	98.3	6			550.92
15	3	73.6	6	1085	1621	248.65
16	1	65.7	6			115.73
17	2	84.9	6	1997		267.48
18	2	57.9	6	1460		481.6
19	2	96.8	6	1888		343.5
20	1	67.5	6			406.1

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	95.2	10	1577	1194	0.198
2	3	73.5	10	1053	1414	425.011
3	2	78.2	10	1009		313.742
4	1	78.1	10			190.353
5	3	75.8	10	1808	1276	228.594
6	2	95.9	10	1173		530.395
7	2	64.3	10	1840		492.626
8	1	70	10			325.367
9	2	82.9	10	1736		439.578
10	1	56.3	10			185.759
11	2	92.8	10	1126		124.741
12	3	83.2	10	1265	1836	78.932
13	3	90.8	10	1490	1814	510.743
14	3	79.8	10	1488	1750	306.014
15	1	82.7	10			16.015
16	2	99.8	10	1373		551.716
17	2	66.9	10	1646		343.137
18	3	74.7	10	1160	1756	408.158
19	2	89.5	10	1496		505.079

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	77	9	1182		719.697
2	3	67.5	9	1586	1499	382.11
3	1	79.4	9			233.77
4	2	99.8	9	1364		461.44
5	1	84.3	9			545.74
6	1	77	9			608.88
7	2	50	9	1670		580.19
8	3	72.2	9	1126	1324	146.86
9	2	97.5	9	1739		97.4
10	3	58.2	9	1290	1004	31.42
11	3	70.4	9	1413	1685	690.75
12	2	78.8	9	1743		462.7
13	3	60.7	9	1579	1063	36.56
14	2	70	9	1802		710
15	2	64.8	9	1138		579.3

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	2	87.9	15	1386		554.584
2	1	70.6	15			460.917
3	1	52.1	15			420.454
4	2	80.4	15	1585		617.181
5	2	97.4	15	1618		179.659
6	1	50.7	15			104.976
7	2	82.9	15	1289		392.423
8	3	63.9	15	1980	1422	510.25
9	1	64.2	15			748.637
10	3	77	15	1948	1156	712.324
11	1	63.8	15			258.771
12	2	89.9	15	1730		849.029
13	3	97.4	15	1762	1419	84.186
14	2	72.1	15	1083		112.443

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	92.2	10	1916		680.092
2	3	64.8	10	1370	1517	50.535
3	1	62.1	10			541.54
4	3	75.6	10	1832	1160	541.29
5	3	94.1	10	1187	1266	372.15
6	2	86.9	10	1363		240.4
7	2	57	10	1320		427.16
8	2	61.5	10	1131		124.76
9	2	77.2	10	1329		318.65
10	1	92.5	10			523.52
11	2	93.7	10	1695		529.47
12	3	57.5	10	1599	1944	725.63
13	2	92.1	10	1001		489.25
14	1	76.1	10			232.77
15	2	90.6	10	1488		536.8
16	1	80.4	10			681.9

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	1	76.2	7			589.79
2	3	99.5	7	1363	1942	760.65
3	2	68.7	7	1963		633.83
4	2	73.8	7	1920		281.88
5	2	93.5	7	1128		430.97
6	3	76.3	7	1796	1219	446.14
7	2	78.2	7	1696		366.86
8	2	86.9	7	1767		557.43
9	3	63.9	7	1962	1926	575.56
10	3	63	7	1090	1563	19.06
11	2	66.8	7	1834		106.72
12	2	54.9	7	1724		503.45
13	2	81.7	7	1909		92.38
14	3	77	7	1986	1393	484.7
15	1	54.9	7			214.4

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	88.8	19	1631		1284.5
2	1	63.1	19			1063.86
3	1	94.1	19			862.48
4	1	80.3	19			1356.25
5	1	71.1	19			820.57
6	3	73.9	19	1049	1320	170.69
7	3	61.2	19	1774	1797	223.21
8	2	93.8	19	1440		189.2

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	2	92.2	18	1738		290.121
2	2	74.8	18	1625		439.278
3	2	86.6	18	1658		383.335
4	1	77.5	18			312.623
5	2	53.9	18	1382		626.941
6	1	63.1	18			206.568
7	2	61.3	18	1538		344.406
8	2	95.6	18	1176		80.654
9	3	98.3	18	1225	1042	78.171
10	1	58.4	18			434.379
11	2	83.2	18	1114		580.426
12	3	71.1	18	1854	1560	57.464
13	3	78.4	18	1505	1016	608.982
14	3	80.7	18	1154	1577	581.209
15	3	81.6	18	1852	1947	41.747
16	3	63.2	18	1262	1077	159.365
17	1	97.3	18			177.782

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	99.5	17	1093		221.98
2	2	74.4	17	1878		530.29
3	1	96	17			495.46
4	2	67.1	17	1228		336.46
5	1	64	17			116.23
6	3	85.2	17	1425	1062	264.42
7	2	86	17	1313		551.63
8	2	69.3	17	1600		34.61
9	3	63	17	1850	1871	265.82
10	3	95.4	17	1469	1519	191.01
11	2	91.7	17	1831		133.57
12	1	55.9	17			149.14
13	2	61.8	17	1644		149.69
14	2	92.3	17	1099		136.56
15	2	58.9	17	1692		189.77
16	2	83.9	17	1976		276.07
17	1	81.2	17			367.26
18	2	51.5	17	1815		2.8
19	2	73.5	17	1204		486.2
20	3	59.9	17	1194	1416	289.8

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	66.8	18			227.182
2	2	88.1	18	1708		232.674
3	2	95.1	18	1921		511.54
4	2	52	18	1484		292.96
5	3	99.5	18	1960	1489	163.1
6	2	81	18	1987		60.21
7	1	93.4	18			169.9
8	2	87.2	18	1975		507.51
9	3	70.8	18	1790	1248	361.45
10	2	73.2	18	1905		429.64
11	2	58.8	18	1654		374.93
12	2	91.6	18	1289		219.07
13	3	94.4	18	1076	1919	171.17
14	2	50.1	18	1694		125.21
15	2	56.7	18	1886		556.42
16	1	90.4	18			22.01
17	1	55.6	18			42.89
18	1	75.7	18			271.8
19	2	60.2	18	1733		466.1
20	3	84.8	18	1626	1205	401.9

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	3	96.9	19	1349	1770	877.15
2	2	65.8	19	1060		110.327
3	3	70.3	19	1830	1606	1040.723
4	2	55.2	19	1044		562.33
5	2	97.7	19	1140		586.037
6	2	85.7	19	1664		683.923
7	2	83.3	19	1378		1132.44
8	2	59.9	19	1059		628.127
9	2	93.1	19	1253		284.533

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	3	85.4	10	1991	1816	544.271
2	1	76.8	10			574.473
3	3	83.7	10	1513	1220	345.147
4	2	75.5	10	1920		61.77
5	2	75.8	10	1122		505.003
6	2	65.9	10	1011		369.907
7	1	64.5	10			245.5
8	2	62.4	10	1622		317.083
9	1	94.9	10			573.127
10	1	85.9	10			393.57
11	3	62.9	10	1694	1410	88.053
12	2	70.5	10	1215		417.837
13	2	75.9	10	1418		126.48
14	1	70.6	10			59.643
15	1	69.8	10			576.737
16	2	85.4	10	1841		24
17	2	73.5	10	1006		254.933
18	3	70	10	1174	1165	387.167

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	1	56.5	19			452.906
2	1	84.1	19			998.841
3	2	71.7	19	1612		447.672
4	2	70.6	19	1312		856.623
5	3	99.8	19	1384	1850	572.384
6	2	53.6	19	1032		534.335
7	3	60.9	19	1893	1159	73.815
8	1	54.7	19			222.696
9	2	98.1	19	1652		958.947
10	2	76.4	19	1723		133.518
11	2	95.2	19	1225		537.309

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	3	90.4	15	1970	1797	817.231
2	3	96.6	15	1832	1654	655.177
3	3	86	15	1922	1568	74.334
4	3	83.9	15	1152	1631	237.361
5	3	97	15	1388	1493	600.589
6	2	86.8	15	1055		465.326
7	1	55.9	15			504.803
8	2	91.2	15	1869		236.71
9	2	67.2	15	1396		360.377
10	1	78.3	15			267.884
11	3	72	15	1526	1370	740.161
12	1	81.5	15			589.429
13	3	50.8	15	1011	1077	281.086
14	2	66.1	15	1200		342.243

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	2	80.9	13	1324		152.355
2	2	68.1	13	1706		593.061
3	3	71.8	13	1665	1224	316.452
4	1	61.8	13			339.653
5	3	97.3	13	1190	1170	70.914
6	2	82.5	13	1931		539.915
7	2	96.8	13	1996		504.406
8	1	86.5	13			215.767
9	2	57.6	13	1593		370.438
10	2	62.2	13	1742		172.729
11	3	59	13	1797	1872	124.471
12	2	99.6	13	1485		341.452
13	3	55.9	13	1260	1829	200.253
14	3	74.4	13	1348	1766	149.744
15	2	95.8	13	1427		424.625
16	2	60.8	13	1395		121.816
17	2	57.5	13	1289		229.737
18	2	64.3	13	1007		101.158
19	3	57	13	1079	1277	58.679

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	1	79.6	11			498.111
2	2	86	11	1240		460.038
3	2	77.3	11	1868		10.785
4	2	70.4	11	1412		469.463
5	3	79.2	11	1518	1054	187.301
6	1	57.5	11			470.198
7	2	90.7	11	1869		442.506
8	2	88.6	11	1039		161.994
9	2	78.7	11	1513		579.381
10	3	74.2	11	1972	1756	91.789
11	2	81.6	11	1007		232.956
12	2	65.2	11	1648		160.664
13	2	57.3	11	1664		167.522
14	2	70.3	11	1054		479.109
15	3	74.4	11	1242	1157	361.147
16	1	86.5	11			288.865
17	2	97	11	1459		279.382

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	2	98.9	8	1517		104.895
2	3	83.4	8	1209	1070	715.843
3	3	71.3	8	1355	1267	552.166
4	1	61.8	8			462.929
5	1	65.3	8			866.902
6	2	98	8	1309		143.465
7	2	73.3	8	1451		593.508
8	3	82.1	8	1921	1828	5.622
9	2	53.7	8	1438		595.785
10	1	72.9	8			712.218
11	2	70.7	8	1034		851.831
12	2	69.9	8	1349		797.554
13	2	97.6	8	1671		749.677

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	99.2	9	1435		599.201
2	1	64.3	9			248.448
3	1	82.8	9			169.057
4	3	53.7	9	1745	1884	503.37
5	2	84.6	9	1387		504.513
6	2	69.1	9	1975		105.647
7	1	66.6	9			469.59
8	2	53.8	9	1125		164.403
9	3	73.9	9	1399	1543	610.827
10	1	87.7	9			20.41
11	3	57.4	9	1041	1280	458.423
12	1	97.4	9			530.467
13	3	75.3	9	1387	1347	619
14	1	66.4	9			343.723
15	1	74.3	9			232.067
16	3	95.6	9	1974	1366	471.8
17	2	51.4	9	1789		184.633
18	1	92.1	9			245.167

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	2	59.5	6	1217		105.115
2	3	51.5	6	1615	1362	429.021
3	3	93	6	1592	1288	99.962
4	3	67.8	6	1204	1011	110.853
5	2	68	6	1741		84.584
6	3	74.6	6	1644	1751	616.735
7	2	68.3	6	1907		554.816
8	3	91.1	6	1381	1903	434.047
9	1	57.9	6			488.648
10	1	84.1	6			488.949
11	2	64	6	1600		75.681
12	1	58.3	6			319.022
13	2	59.4	6	1275		279.643
14	2	64.5	6	1327		90.374
15	2	57.7	6	1574		242.855
16	1	94.6	6			240.046
17	2	87.9	6	1427		89.737
18	2	68.9	6	1863		76.958
19	2	77.1	6	1981		261.179

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)
7	5294	21	6	5301	18
15	5296	45	30	5306	90
39	5305	117	31	5300	93
55	5310	165	32	5299	96
--	--	--	35	5304	105
--	--	--	62	5302	186
--	--	--	99	5290	297

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5304	24	10	5295	30
48	5294	144	13	5294	39
65	5299	195	23	5304	69
68	5295	204	49	5306	147

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
23	5290	69	5	5294	15
31	5299	93	14	5298	42
42	5294	126	15	5293	45
92	5298	276	54	5300	162
--	--	--	68	5292	204

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5300	39	4	5305	12
17	5290	51	6	5308	18
38	5294	114	37	5295	111
77	5303	231	49	5301	147
93	5308	279	55	5296	165
--	--	--	66	5299	198

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5294	3	39	5306	117
24	5303	72	42	5308	126
27	5309	81	61	5294	183
31	5291	93	78	5291	234
75	5295	225	91	5299	273

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Frequency (MHz)	Hopping Number	Pulse Start (ms)
3	5307	9	30	5292	90
6	5310	18	39	5295	117
68	5509	204	60	5297	180
82	5513	246	79	5290	237
--	--	--	91	5296	273
--	--	--	94	5309	282

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
24	5297	72	1	5296	3
64	5291	192	21	5300	63
80	5292	240	26	5303	78
88	5309	264	68	5290	204
100	5305	300	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5306	3	30	5292	90
6	5294	18	68	5297	204
24	5292	72	100	5309	300
42	5307	126	--	--	--
73	5298	219	--	--	--
83	5308	249	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5298	21	28	5308	84
26	5297	78	37	5307	111
84	5310	252	58	5298	174
--	--	--	72	5294	216
--	--	--	92	5306	276

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5297	33	51	5302	153
52	5302	156	87	5299	261
78	5310	234	--	--	--

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5290	12	2	5301	6
15	5297	45	64	5290	192
27	5295	81	73	5291	219
47	5306	141	78	5303	234
54	5305	162	83	5295	249
73	5292	219	--	--	--
90	5300	270	--	--	--
97	5299	291	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5310	33	3	5297	9
52	5294	156	75	5296	225
56	5300	168	95	5306	285
77	5293	231	--	--	--
87	5302	261	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
69	5306	207	30	5299	90
89	5291	267	38	5306	114
--	--	--	45	5296	135
			52	5303	156
			81	5310	243
--	--	--	96	5301	288

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5294	12	24	5300	72
27	5297	81	31	5302	93
34	5300	102	43	5303	129
82	5303	246	76	5294	228
--	--	--	96	5298	288

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5296	30	2	5307	6
64	5305	192	9	5303	27
86	5304	258	28	5305	84
94	5310	282	57	5302	171
--	--	--	61	5290	183
--	--	--	92	5297	276

待測物名稱	AC1200 Wi-Fi 訊號延伸器	溫度	27°C
測試工程師	Kevin Ker	濕度	65%
測試場地	SR2	測試日期	2021/04/08
測試項目	Radar Statistical Performance Check (802.11ac-VHT40 mode – 5510MHz) – 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	5492	1	758	70	1
3	5494	1	918	58	1
4	5495	1	778	68	1
5	5524	1	578	92	1
6	5498	1	658	81	1
7	5499	1	798	67	1
8	5500	1	598	89	1
9	5501	1	938	57	1
10	5496	1	738	72	1
11	5504	1	678	78	1
12	5505	1	558	95	1
13	5507	1	818	65	1
14	5511	1	618	86	1
15	5509	1	898	59	1
16	5510	1	2763	20	1
17	5514	1	1234	43	1
18	5519	1	1696	32	1
19	5529	1	2882	19	1
20	5515	1	1475	36	1
21	5517	1	1374	39	1
22	5518	1	1318	40	1
23	5503	1	2756	20	1
24	5520	1	2050	26	1
25	5522	1	2810	19	1
26	5523	1	2488	22	1

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5513	1	2833	19	1
28	5526	1	2262	24	1
29	5527	1	2606	21	1
30	5508	1	685	77	1
Detection Percentage (%)					100%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	1.7	176	28	1
2	5492	1.9	185	27	1
3	5494	3.9	212	25	0
4	5495	2.5	159	25	1
5	5524	4.3	229	25	1
6	5498	1.5	227	24	1
7	5499	2.5	186	23	1
8	5500	3.2	185	27	1
9	5501	4.4	173	25	0
10	5496	4.0	221	25	1
11	5504	4.3	208	27	1
12	5505	3.2	164	28	1
13	5507	3.8	179	23	1
14	5511	4.3	193	25	1
15	5509	2.6	222	24	1
16	5510	4.3	150	24	1
17	5514	4.6	210	26	1
18	5519	2.9	218	26	1
19	5529	2.7	183	26	1
20	5515	3.2	220	27	0
21	5517	3.1	179	27	0
22	5518	4.2	159	28	1
23	5503	1.0	194	24	1
24	5520	3.0	192	29	1
25	5522	1.8	205	27	1
26	5523	2.4	205	26	1
27	5513	2.5	160	24	1
28	5526	3.8	201	24	0
29	5527	4.3	196	25	1
30	5508	4.1	201	26	0
Detection Percentage (%)					80%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	9.7	271	16	1
2	5492	6.0	213	18	1
3	5494	7.5	378	16	1
4	5495	8.5	286	16	1
5	5524	9.1	463	16	1
6	5498	6.4	258	18	1
7	5499	7.2	400	16	1
8	5500	8.7	261	17	1
9	5501	9.0	432	18	1
10	5496	6.5	435	17	1
11	5504	7.4	477	18	1
12	5505	9.9	236	17	1
13	5507	8.5	354	16	1
14	5511	7.4	376	18	1
15	5509	7.8	329	16	1
16	5510	8.0	281	17	1
17	5514	6.4	356	18	1
18	5519	7.1	220	17	1
19	5529	7.3	246	18	0
20	5515	6.6	381	17	1
21	5517	8.3	486	18	1
22	5518	6.6	397	17	1
23	5503	9.5	391	17	1
24	5520	6.0	248	17	1
25	5522	7.4	274	16	1
26	5523	7.2	455	17	0
27	5513	6.4	407	17	1
28	5526	6.7	255	17	1
29	5527	6.5	493	18	1
30	5508	7.4	328	18	1
Detection Percentage (%)					93.3%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	15.9	297	15	1
2	5492	13.6	257	14	1
3	5494	11.5	341	13	0
4	5495	18.5	457	14	1
5	5524	11.9	324	14	0
6	5498	19.9	240	13	1
7	5499	17.1	391	12	1
8	5500	15.1	288	13	1
9	5501	15.0	441	16	1
10	5496	13.4	462	15	1
11	5504	13.2	352	14	1
12	5505	17.3	264	16	0
13	5507	14.4	220	15	1
14	5511	14.2	437	12	1
15	5509	19.3	399	12	0
16	5510	18.3	321	15	0
17	5514	15.7	255	13	1
18	5519	14.8	398	14	1
19	5529	19.4	304	14	1
20	5515	16.1	364	12	0
21	5517	15.3	454	12	1
22	5518	15.0	484	14	0
23	5503	12.1	244	16	1
24	5520	14.6	283	15	1
25	5522	14.7	442	14	1
26	5523	19.6	469	14	1
27	5513	19.5	399	13	1
28	5526	14.9	447	16	1
29	5527	19.6	476	14	1
30	5508	18.1	392	12	1
Detection Percentage (%)					76.7%

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

waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 80\% + 93.3\% + 76.7\%) / 4 = 87.5\% (>80\%)$

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	5510.0	1	5496.2	5494.6	1
2	5510.0	1	5497.4	5495.8	1
3	5510.0	1	5499.0	5495.4	1
4	5510.0	1	5498.2	5496.2	1
5	5510.0	1	5494.6	5494.6	1
6	5510.0	1	5526.2	5521.8	1
7	5510.0	1	5524.6	5526.6	1
8	5510.0	1	5526.2	5521.8	1
9	5510.0	1	5523.8	5524.2	1
10	5510.0	1	5523.8	5526.6	1
11	5497.0	1	5525.0	5521.0	1
12	5494.2	1	5523.0	5522.6	1
13	5498.6	1	5524.2	5524.2	1
14	5496.6	1	5526.2	5523.0	1
15	5495.4	1	5525.8	5526.6	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1						
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	58.2	11			732.195
2	2	74.3	11	1369		778.85
3	1	54.8	11			285.05
4	2	51.3	11	1651		150.47
5	3	71.7	11	1849	1482	658.31
6	3	58.6	11	1708	1930	299.58
7	2	76.1	11	1839		257.98
8	2	62.2	11	1568		127.21
9	2	77.4	11	1290		787.6
10	1	76.3	11			17.22
11	2	69.3	11	1527		774.75
12	2	76.8	11	1600		532.28
13	2	54.5	11	1365		666.3
14	1	52.8	11			237.7
15	1	71.4	11			661.6

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