

43	5503	129	88	5509	264
33	5506	99	66	5498	198
/	/	/	46	5499	138
/	/	/	68	5500	204
/	/	/	44	5501	132

Trial Number : 17			Trial Number : 18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
38	5501	114	33	5503	99
45	5502	135	25	5492	75
56	5505	168	36	5493	108
78	5504	234	89	5495	267
/	/	/	78	5499	234
/	/	/	57	5498	171

Trial Number : 19			Trial Number : 20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
55	5490	165	18	5500	54
56	5492	168	35	5501	105
97	5494	291	21	5505	63
27	5497	81	97	5507	291
/	/	/	34	5499	102
/	/	/	65	5498	195

Trial Number : 21			Trial Number : 22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
36	5500	108	18	5494	54
47	5502	141	26	5497	78
53	5491	159	68	5501	204
38	5503	114	89	5499	267
/	/	/	32	5503	96
/	/	/	57	5506	171
/	/	/	35	5508	105

Trial Number : 23			Trial Number : 24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5492	42	75	5506	225

24	5495	72	25	5508	75
43	5496	129	78	5501	234
65	5499	195	36	5504	108
/	/	/	88	5507	264
/	/	/	37	5508	111

Trial Number : 25			Trial Number : 26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
26	5490	78	53	5491	159
11	5498	33	35	5503	105
22	5507	66	33	5508	99
35	5495	105	36	5502	108
/	/	/	56	5509	168
/	/	/	64	5506	192
/	/	/	37	5499	111

Trial Number : 27			Trial Number : 28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5491	36	27	5497	81
18	5495	54	57	5499	171
28	5502	84	46	5500	138
36	5504	108	27	5490	81
/	/	/	46	5492	138
/	/	/	68	5505	204

Trial Number : 29			Trial Number : 30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
21	5501	63	35	5502	105
25	5492	75	65	5507	195
46	5495	138	52	5494	156
75	5498	225	89	5491	267
/	/	/	56	5501	168
/	/	/	43	5506	129

802.11ac-VHT40-5510MHz

Radar Type 1 - Radar Statistical Performance

RADAR TYPE					Rohde & Schwarz K350 Pulse Sequencer DFS
1					
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.1	18	1	3000	1
2	5492.3	26	1	2056	1
3	5494.4	29	1	1863	1
4	5495.9	18	1	3005	0
5	5496.4	26	1	2092	1
6	5497.8	37	1	1426	0
7	5498.6	22	1	2412	1
8	5499.8	102	1	520	1
9	5502.7	26	1	2042	1
10	5503.2	23	1	2304	1
11	5504.3	77	1	692	1
12	5505.9	26	1	2090	1
13	5506.2	27	1	1968	1
14	5508.5	46	1	1171	1
15	5509.6	44	1	1202	1
16	5511.2	47	1	1135	1
17	5513.2	21	1	2572	1
18	5514.5	24	1	2215	1
19	5515.5	24	1	2213	1
20	5516.8	28	1	1942	0
21	5517.5	19	1	2848	1
22	5518.4	62	1	855	1
23	5519.9	62	1	851	1
24	5521.3	20	1	2679	1
25	5522.7	57	1	938	1
26	5524.6	91	1	584	1
27	5526.4	20	1	2681	0
28	5527.4	28	1	1918	0
29	5528.3	29	1	1882	1
30	5529.8	18	1	3065	1
Detection Percentage (%)	83.33%				

Radar Type 2 - Radar Statistical Performance

RADAR TYPE					Rohde & Schwarz K350 Pulse Sequencer DFS
2					
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.1	28	2.6	184	1
2	5492.3	27	2.8	159	1
3	5494.4	27	4.7	190	1
4	5495.9	24	3.2	200	1
5	5496.4	24	2.7	180	1
6	5497.8	25	4.6	203	1
7	5498.6	24	4.4	226	1
8	5499.8	27	1	217	0
9	5502.7	27	1.1	183	1
10	5503.2	24	2.7	151	1
11	5504.3	28	2.7	172	1
12	5505.9	26	3.4	163	1
13	5506.2	29	4.5	171	1
14	5508.5	25	1.1	151	0
15	5509.6	27	3.3	191	1
16	5511.2	27	2.6	216	1
17	5513.2	28	1.7	226	1
18	5514.5	28	3.3	178	1
19	5515.5	28	4.8	185	1
20	5516.8	26	4.8	173	1
21	5517.5	24	2.4	169	1
22	5518.4	26	2.5	177	1
23	5519.9	23	3.5	159	0
24	5521.3	28	4.6	161	0
25	5522.7	25	1.8	195	1
26	5524.6	25	1.8	218	1
27	5526.4	26	4	224	1
28	5527.4	28	3	175	1
29	5528.3	24	3.4	182	1
30	5529.8	28	4.3	221	1
Detection Percentage (%)	86.67%				

Radar Type 3 - Radar Statistical Performance

RADAR TYPE					Rohde & Schwarz K350 Pulse Sequencer DFS
3					
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.1	16	7.1	336	1
2	5492.3	17	9.8	234	0
3	5494.4	17	8.3	422	1
4	5495.9	17	9.2	430	1
5	5496.4	17	8.4	356	1
6	5497.8	17	8.8	244	1
7	5498.6	17	6.8	440	1
8	5499.8	18	9.2	326	1
9	5502.7	17	6.8	242	1
10	5503.2	16	7.3	233	1
11	5504.3	16	9.3	455	0
12	5505.9	17	8	285	1
13	5506.2	17	9.7	423	1
14	5508.5	18	9.8	272	1
15	5509.6	17	6.8	370	1
16	5511.2	17	7.2	224	0
17	5513.2	17	7.4	258	0
18	5514.5	16	8.9	468	1
19	5515.5	18	9.6	359	1
20	5516.8	17	7.6	487	1
21	5517.5	17	7.3	272	1
22	5518.4	18	9.5	304	1
23	5519.9	17	6.3	234	1
24	5521.3	17	7.7	264	1
25	5522.7	17	8.9	398	1
26	5524.6	16	6.1	208	1
27	5526.4	16	7.8	429	1
28	5527.4	18	6.6	316	1
29	5528.3	16	9.4	206	1
30	5529.8	17	7.7	301	1
Detection Percentage (%)	86.67%				

Radar Type 4 - Radar Statistical Performance

RADAR TYPE					Rohde & Schwarz K350 Pulse Sequencer DFS
4					
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.1	12	11.2	348	1
2	5492.3	15	12.1	400	1
3	5494.4	14	13.1	299	1
4	5495.9	15	19.6	494	1
5	5496.4	14	18.8	405	1
6	5497.8	15	11.6	381	0
7	5498.6	13	11.1	233	1
8	5499.8	15	11.5	474	0
9	5502.7	16	14.1	401	1
10	5503.2	14	14.8	282	1
11	5504.3	13	15.8	284	1
12	5505.9	15	12.1	312	1
13	5506.2	15	14.5	267	1
14	5508.5	13	13.2	415	1
15	5509.6	12	13.2	491	1
16	5511.2	13	14.6	470	1
17	5513.2	15	11	430	1
18	5514.5	15	13.6	233	1
19	5515.5	14	18.5	370	1
20	5516.8	13	14.5	408	0
21	5517.5	14	13.1	232	1
22	5518.4	14	12.7	382	1
23	5519.9	13	12.1	493	1
24	5521.3	14	12.9	268	1
25	5522.7	16	13.5	403	0
26	5524.6	14	18.7	202	1
27	5526.4	14	18.7	435	1
28	5527.4	14	13.6	439	1
29	5528.3	15	13.7	207	1
30	5529.8	16	14.8	317	0
Detection Percentage (%)	83.33%				

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

radar test waveforms is as follows: $\frac{p1+p2+p3+p4}{4}=(83.3\%+86.67\%+86.67\%+83.33\%)/4=85.00\%$

(>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	5491.0	1	16	5508.7	1
2	5492.2	1	17	5509.7	1
3	5493.3	1	18	5510.0	1
4	5494.1	1	19	5511.0	1
5	5495.5	0	20	5512.1	1
6	5496.4	1	21	5513.5	1
7	5497.6	1	22	5515.5	1
8	5498.2	1	23	5517.0	1
9	5499.3	1	24	5518.6	1
10	5500.5	1	25	5520.9	1
11	5501.8	0	26	5522.6	1
12	5503.0	1	27	5524.1	0
13	5504.5	1	28	5525.8	0
14	5506.2	1	29	5527.6	1
15	5507.6	1	30	5529.0	1
Detection Percentage (%)					86.67%

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 8

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	96.2	19			951.805
2	2	74	19	1837		1174.73
3	2	89.2	19	1582		674.27
4	2	97.4	19	1646		1314.09
5	3	83.2	19	1780	1384	266.27
6	3	74.3	19	1715	1208	487.21
7	2	78.5	19	1142		625.78
8	1	54.4	19			870.8

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 2

Bursts in Trial: 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	2	96.7	17	1520		369.18
2	2	65	17	1300		626.41
3	2	71.6	17	1936		516.59
4	1	72.6	17			746.02
5	2	97.5	17	1833		216.97
6	1	56.5	17			508.66



7	2	96.7	17	1206		720.29
8	3	56.5	17	1893	1330	188.55
9	2	86.8	17	1112		373.57
10	1	70.2	17			161.83
11	3	50.9	17	1626	1164	260.2
12	2	86.6	17	1935		442.6

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 3

Bursts in Trial: 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	57.8	7			184.126
2	1	68.1	7			459.147
3	3	90.1	7	1431	1397	1326.623
4	2	92.1	7	1832		316.28
5	2	80.2	7	1661		464.157
6	1	69.9	7			381.223
7	2	89.2	7	1954		810.91
8	3	74.8	7	1165	1337	747.267
9	3	53.9	7	1510	1923	593.533

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 4

Bursts in Trial: 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	60.8	14	1797		347.48
2	2	93.6	14	1506		243.787
3	2	66.6	14	1594		373.604
4	2	83.2	14	1528		165.071
5	1	65.4	14			449.209
6	2	57.9	14	1601		685.926
7	2	90.9	14	1827		281.263
8	2	67.9	14	1198		674.83
9	2	75.1	14	1618		496.257
10	2	94.7	14	1108		546.544
11	2	94.2	14	1659		35.291
12	2	63.7	14	1913		45.449
13	2	59.6	14	1169		231.186
14	3	80.4	14	1976	1745	538.143

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 5

Bursts in Trial: 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	12	1903	1186	426.676

2	1	74.7	12			286.84
3	2	59.8	12	1500		627.27
4	1	81.8	12			100.95
5	2	94.2	12	1015		178.64
6	1	93.7	12			129.8
7	1	94.4	12			481.85
8	1	68.7	12			69.03
9	1	89	12			842.35
10	1	64.7	12			50.09
11	2	98.9	12	1030		176.9
12	2	74.4	12	1104		292

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 6

Bursts in Trial: 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	65.4	9	1677		147.34
2	1	59.3	9			396.971
3	3	72.6	9	1450	1013	293.972
4	2	89.5	9	1454		161.533
5	3	58	9	1315	1070	345.244
6	2	74.7	9	1134		350.815
7	3	68.4	9	1423	1311	600.816
8	2	90.5	9	1872		162.307
9	3	62.3	9	1689	1363	573.738
10	2	94	9	1327		519.019
11	2	88.3	9	1854		409.001
12	2	91.6	9	1624		259.452
13	2	51.2	9	1811		32.273
14	3	79.8	9	1897	1013	36.554
15	3	68.6	9	1960	1188	342.925
16	1	87.1	9			590.116
17	2	80.2	9	1913		454.937

18	2	82.1	9	1192		36.358
19	3	89.9	9	1372	1024	546.079

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 7
Bursts in Trial: 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	82.3	6	1552		93.447
2	2	71.4	6	1575		165.943
3	2	67.7	6	1964		15.057
4	2	51.3	6	1936		491.45
5	1	94.3	6			201.893
6	2	95.9	6	1308		131.377
7	3	57.4	6	1297	1142	660.06
8	1	64	6			374.363
9	3	52.3	6	1619	1730	312.937
10	2	81.9	6	1652		264.43
11	2	86.7	6	1723		302.273
12	2	78.1	6	1267		71.577
13	2	71.3	6	1192		211.55
14	3	89.3	6	1773	1007	392.643
15	2	69.2	6	1388		82.697
16	3	57.2	6	1680	1209	140.6
17	1	77.6	6			468.033
18	3	99.3	6	1518	1362	423.267

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 8

Bursts in Trial: 9

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	71.7	11	1274		1163.23
2	1	96.5	11			3.717
3	1	94.2	11			249.723
4	3	63.8	11	1885	1059	736.93
5	1	83.8	11			1.547
6	2	77.6	11	1836		101.033
7	2	85.5	11	1909		973.17
8	2	98.1	11	1846		475.817
9	2	80.3	11	1361		377.933

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 9

Bursts in Trial: 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	3	54.9	11	1640	1790	325.556
2	2	52.2	11	1287		549.28
3	2	96.3	11	1495		619.3
4	1	81.1	11			109.14
5	1	58.9	11			394.49
6	3	95.8	11	1582	1780	750.25

7	1	67.5	11			922.52
8	2	91.4	11	1141		556.58
9	3	55.4	11	1696	1723	1122.9
10	2	57.1	11	1766		338.9

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 10

Bursts in Trial: 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	1	53.7	5			929.92
2	2	74.2	5	1211		52.471
3	2	52.9	5	1568		53.132
4	1	80.2	5			1052.103
5	1	68	5			555.204
6	2	89.8	5	1236		5.815
7	2	96	5	1208		405.925
8	3	68.2	5	1941	1407	390.666
9	1	55.6	5			152.857
10	2	53.1	5	1946		93.148
11	1	90.4	5			324.809

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 11

Bursts in Trial: 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	75.2	9	1262		497.972
2	1	66.2	9			251.781
3	1	64.3	9			311.597
4	1	54.9	9			390.76
5	2	93.4	9	1150		557.253
6	2	94.4	9	1198		349.617
7	2	77.2	9	1398		298.16
8	3	90.3	9	1830	1943	116.033
9	2	62.1	9	1935		174.857
10	2	82.3	9	1158		638.27
11	2	77.8	9	1931		195.933
12	2	83.8	9	1308		342.567
13	3	88.5	9	1292	1899	5.17
14	1	64.7	9			143.913
15	1	59.2	9			637.887
16	2	54	9	1187		192.3
17	2	88.9	9	1050		311.933
18	3	75.9	9	1642	1450	204.167

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 12

Bursts in Trial: 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	72.3	7	1120		696.188
2	3	63.1	7	1328	1054	59.717
3	1	62.3	7			114.96
4	2	86.3	7	1075		16.66
5	2	74.4	7	1066		377.8
6	3	84.9	7	1302	1082	453.76
7	1	89	7			352.74
8	1	75	7			710.09
9	2	82.1	7	1770		766.57
10	1	59	7			8.76
11	2	56.9	7	1211		139.53
12	2	87.5	7	1116		256.6
13	3	69.4	7	1189	1246	223.15
14	2	67.9	7	1857		374.4
15	2	72.5	7	1134		97.2

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 13

Bursts in Trial: 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	3	56.1	19	1408	1991	31.732
2	1	92.7	19			257.39
3	3	95	19	1221	1173	147.12
4	2	94.4	19	1841		54.23
5	1	79.4	19			59.58
6	1	82.5	19			334.61
7	2	85	19	1053		30.3
8	3	65	19	1687	1119	281.78
9	3	59.4	19	1512	1661	218.69
10	2	88.8	19	1010		608.58
11	2	59.2	19	1858		252.29
12	1	82.6	19			421.54
13	3	53	19	1920	1769	480.24
14	3	73.1	19	1357	1849	80.33
15	1	82.2	19			270
16	3	82.7	19	1315	1430	381.4

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 14

Bursts in Trial: 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	59.5	12	1975		474.159
2	3	86	12	1806	1998	526.783
3	3	98.7	12	1099	1250	279.777
4	3	95.8	12	1653	1897	209.75
5	3	75.8	12	1389	1096	30.933
6	3	61.3	12	1859	1760	106.837
7	3	54.7	12	1108	1811	276.26
8	2	96.1	12	1699		448.143
9	3	89.4	12	1296	1084	611.907
10	3	78.2	12	1931	1420	304.31
11	1	52.2	12			385.593
12	2	72.1	12	1993		56.387
13	2	90.5	12	1385		533.61
14	1	72.2	12			204.473
15	2	79.3	12	1893		130.957
16	1	51.3	12			4.6
17	3	74.8	12	1428	1739	241.133
18	3	91.1	12	1010	1331	159.967

TYPE 5
PARAMETER

Rohde & Schwarz

Pulse Sequencer

SHEET
Trial Number : 15
Bursts in Trial: 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	3	52.1	9	1665	1922	369.719
2	3	65	9	1517	1264	356.613
3	2	84.3	9	1136		67.767
4	2	87.9	9	1516		470.41
5	1	66.2	9			332.713
6	1	57.7	9			557.227
7	2	65.3	9	1493		237.6
8	3	82.5	9	1904	1047	416.483
9	2	68.1	9	1653		123.937
10	2	88	9	1067		45.11
11	2	90.7	9	1630		492.273
12	3	56.4	9	1377	1679	14.997
13	2	96.3	9	1408		156.32
14	2	74.9	9	1320		27.143
15	3	51.2	9	1850	1542	639.157
16	2	74.8	9	1044		428.5
17	2	64.9	9	1359		296.733
18	2	93.3	9	1171		124.967

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 16

Bursts in Trial: 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	1	58.3	16			112.089
2	2	75.3	16	1561		805.9
3	2	98.6	16	1037		773.68
4	3	88.5	16	1657	1264	73.06
5	2	66.5	16	1959		814.21
6	1	84.3	16			729.75
7	3	87.3	16	1843	1342	646.17
8	2	78	16	1611		977.74
9	2	88.9	16	1928		724.23
10	2	88.3	16	1936		460.73
11	3	65.6	16	1453	1934	234.7
12	2	51.4	16	1881		110.9

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 17

Bursts in Trial: 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	63.6	10	1898		209.443
2	1	75.8	10			38.343
3	3	59.3	10	1742	1068	207.23

4	2	68.5	10	1695		214.03
5	2	85.3	10	1971		789.03
6	1	88.9	10			558.54
7	1	77.2	10			495.9
8	2	76	10	1487		734.41
9	2	62.8	10	1081		500.77
10	2	54.1	10	1868		725.27
11	2	98.8	10	1388		157.44
12	2	98.7	10	1268		194.33
13	2	62.9	10	1294		430.2
14	2	93.9	10	1873		676
15	2	74.7	10	1008		89.7

<p>TYPE 5</p> <p>PARAMETER</p> <p>SHEET</p>	Rohde & Schwarz Pulse Sequencer
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Trial Number : 18

Bursts in Trial: 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	51.1	7	1466	1299	588.699
2	2	72.4	7	1721		221.03
3	2	50.7	7	1137		686.39
4	2	67.4	7	1817		770.59
5	1	96.9	7			455.2
6	1	98.1	7			378.27
7	2	82.9	7	1702		629.77
8	2	79.4	7	1859		285.57
9	1	81.2	7			752.26
10	3	66.4	7	1333	1419	700.81
11	2	78.8	7	1716		907.4
12	1	82.1	7			662.2

TYPE 5
PARAMETER

Rohde & Schwarz

Pulse Sequencer

SHEET
Trial Number : 19
Bursts in Trial: 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	78.6	17			356.558
2	1	93.1	17			554.138
3	3	93	17	1211	1099	247.215
4	3	61.3	17	1830	1079	23.443
5	2	82.1	17	1228		419.871
6	1	58.6	17			655.628
7	2	87.8	17	1284		439.706
8	2	86.1	17	1425		268.474
9	2	94.9	17	1840		442.871
10	1	93.1	17			94.729
11	2	79.1	17	1785		588.496
12	3	56.2	17	1015	1755	318.534
13	1	79.9	17			346.862
14	2	71.2	17	1440		196.019
15	1	78	17			413.847
16	2	55.1	17	1709		413.965
17	1	51.9	17			401.082

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 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	58.2	14			637.409
2	1	86.2	14			602
3	1	56.4	14			683.08
4	2	52.4	14	1929		695.75
5	1	77.4	14			137.73
6	1	71.8	14			372.28
7	1	62.1	14			541.38
8	2	75.8	14	1399		83.62
9	2	96.6	14	1906		529.66
10	2	79.3	14	1423		503.59
11	2	65.3	14	1942		735.31
12	2	90	14	1127		567.76
13	2	96.5	14	1394		315.93
14	1	56.2	14			421.1
15	1	89.8	14			464.3

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 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	65.8	15			1292.29
2	3	63.4	15	1360	1302	304.857
3	2	55.1	15	1081		603.303
4	2	96	15	1342		1275.17
5	3	78.6	15	1633	1103	687.437
6	1	51.8	15			600.603
7	2	56.9	15	1185		897.83
8	3	90.4	15	1656	1490	833.767
9	2	88.3	15	1258		1269.333

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 22

Bursts in Trial: 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	3	50	18	1961	1990	107.428
2	3	58.2	18	1450	1446	589.963
3	3	83.2	18	1047	1026	424.527
4	2	62.5	18	1322		596.59
5	3	98.3	18	1588	1824	295.913
6	2	58.3	18	1383		589.927

7	1	92.6	18			379.74
8	3	74.1	18	1606	1447	188.903
9	3	54.8	18	1757	1101	520.447
10	2	90.8	18	1867		608.32
11	2	83.9	18	1929		610.053
12	3	54.5	18	1585	1157	643.017
13	1	97.9	18			243.57
14	2	87.5	18	1096		45.713
15	1	70.7	18			464.077
16	2	56.3	18	1451		562.5
17	1	99.5	18			97.233
18	2	87.7	18	1700		130.367

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 23

Bursts in Trial: 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	68.3	7	1938		655.644
2	2	63.6	7	1396		692.09
3	1	67.1	7			233.08
4	2	83	7	1842		629.18
5	2	55.1	7	1220		97.41
6	1	60.8	7			716.99
7	2	58.3	7	1490		642.64
8	3	54.1	7	1831	1251	4.76
9	2	93.8	7	1277		62.08
10	3	66.2	7	1616	1102	349.29
11	3	97.5	7	1654	1257	64.96
12	2	61.5	7	1922		412.9
13	1	87.8	7			542.84
14	2	64.5	7	1480		264.6
15	2	79	7	1434		441.3
16	2	58.7	7	1128		152.3

TYPE 5
PARAMETER

Rohde & Schwarz

Pulse Sequencer

SHEET
Trial Number : 24
Bursts in Trial: 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	65.7	5			302.966
2	2	82	5	1149		294.798
3	2	86.7	5	1454		505.975
4	2	88.3	5	1220		55.953
5	3	54.5	5	1592	1530	331.631
6	2	58.7	5	1177		577.188
7	2	58.5	5	1583		228.856
8	2	84.4	5	1151		628.154
9	1	82.3	5			410.371
10	1	96.4	5			375.109
11	2	70.8	5	1094		145.516
12	1	81.2	5			207.434
13	2	73.1	5	1214		360.432
14	2	57.9	5	1501		539.779
15	3	72.4	5	1047	1988	604.647
16	2	79.6	5	1718		30.365
17	2	81.8	5	1954		179.482

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 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	59.7	16	1269		75.044
2	3	88.5	16	1738	1515	268.567
3	1	91.5	16			110.273
4	3	77.5	16	1809	1927	915.6
5	1	87.3	16			161.377
6	3	84.2	16	1037	1083	716.233
7	1	79.7	16			345.82
8	2	59.1	16	1444		1196.967
9	3	86.1	16	1338	1238	1260.733

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 26

Bursts in Trial: 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	64.4	13			623.013
2	3	79.7	13	1194	1205	384.891
3	1	67.3	13			296.182
4	2	93.2	13	1606		486.723
5	3	96.1	13	1623	1014	267.784
6	2	73.4	13	1728		420.235

7	3	92.8	13	1970	1015	237.196
8	1	77.2	13			4.267
9	2	95.3	13	1573		520.518
10	1	86.9	13			481.699
11	2	62.7	13	1970		507.051
12	2	56.3	13	1808		323.112
13	2	75.1	13	1414		478.793
14	1	84.6	13			119.904
15	2	96	13	1727		9.045
16	2	88.5	13	1404		515.826
17	3	53.7	13	1125	1062	465.237
18	3	63	13	1338	1687	87.958
19	2	89.9	13	1888		379.179

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 27

Bursts in Trial: 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	63.3	8	1477		665.8
2	2	62.7	8	1382		769.411
3	1	57.3	8			950.712
4	3	92	8	1766	1715	757.333
5	3	52.4	8	1018	1636	169.934
6	2	79.6	8	1368		734.585
7	2	52.5	8	1026		442.165
8	3	51.7	8	1493	1190	757.766
9	2	90	8	1941		953.537
10	2	65.1	8	1608		153.568
11	1	66.4	8			849.809

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 28

Bursts in Trial: 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	79	14	1484		477.653
2	1	70.4	14			234.85
3	3	78.8	14	1121	1562	627.365
4	1	53.2	14			541.853
5	1	89.8	14			631.721
6	1	59	14			367.238
7	3	56	14	1606	1016	167.996
8	1	74	14			181.344
9	3	68.3	14	1038	1202	374.801
10	2	77.6	14	1964		674.099
11	1	94.7	14			47.016
12	2	52.6	14	1952		178.654
13	2	83.5	14	1715		449.002
14	1	50.1	14			600.179
15	1	76.3	14			156.147
16	2	65.5	14	1223		385.365
17	2	90.9	14	1800		439.482

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 29

Bursts in Trial: 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	3	80.9	16	1395	1184	44.162
2	1	99	16			306.821
3	2	64.1	16	1632		117.752
4	3	53.2	16	1707	1665	1027.723
5	2	91.9	16	1758		100.244
6	1	59.6	16			350.365
7	2	65.1	16	1720		711.305
8	2	99.7	16	1826		131.056
9	1	82.8	16			243.687
10	2	94.9	16	1272		954.018
11	2	61.9	16	1135		722.009

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 30

Bursts in Trial: 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	3	72.8	18	1756	1131	140.495
2	2	92.4	18	1582		492.131
3	3	91.1	18	1667	1668	48.282
4	2	76.3	18	1233		148.123

5	1	93.7	18			623.564
6	2	65.4	18	1023		272.755
7	3	54.6	18	1521	1760	497.966
8	2	78.5	18	1455		110.397
9	3	59.1	18	1573	1616	329.338
10	1	85	18			343.219
11	2	62.9	18	1857		142.741
12	1	64.5	18			448.982
13	3	74	18	1916	1502	161.933
14	3	73.6	18	1197	1978	110.634
15	2	79.1	18	1992		374.885
16	1	83	18			16.586
17	2	50.5	18	1277		612.437
18	2	78.9	18	1252		358.558
19	3	91.3	18	1706	1715	342.479

Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5491.0	1	16	5508.7	1
2	5492.2	1	17	5509.7	1
3	5493.3	1	18	5510.0	1
4	5494.1	1	19	5511.0	0
5	5495.5	1	20	5512.1	0
6	5496.4	0	21	5513.5	1
7	5497.6	1	22	5515.5	1
8	5498.2	0	23	5517.0	1
9	5499.3	1	24	5518.6	1
10	5500.5	0	25	5520.9	1
11	5501.8	1	26	5522.6	0
12	5503.0	1	27	5524.1	1
13	5504.5	1	28	5525.8	0
14	5506.2	0	29	5527.6	1
15	5507.6	1	30	5529.0	1

Detection Percentage (%)	73.33%
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Trial Number : 1			Trial Number : 2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
25	5521.1	75	47	5496.4	141
34	5492.3	102	74	5527.8	222
65	5504.4	195	64	5498.6	192
87	5495.9	261	43	5499.8	129
/	/	/	79	5502.7	237
/	/	/	22	5513.2	66
/	/	/	56	5504.3	168

Trial Number : 3			Trial Number : 4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
15	5495.9	45	63	5511.2	189
42	5506.2	126	56	5493.2	168
54	5528.5	162	46	5514.5	138
63	5509.6	189	36	5525.5	108
/	/	/	53	5526.8	159
/	/	/	32	5517.5	96
/	/	/	89	5518.4	267

Trial Number : 5			Trial Number : 6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
31	5499.9	93	24	5526.4	72
45	5501.3	135	34	5497.4	102
25	5492.7	75	53	5508.8	159
53	5524.6	159	36	5529.8	108
/	/	/	35	5493.6	105
/	/	/	37	5517.9	111
/	/	/	78	5499.5	234

Trial Number : 7			Trial Number : 8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
26	5499.8	78	23	5493.2	69
35	5512.6	105	43	5514.5	129

67	5503.2	201	35	5495.6	105
77	5524.3	231	78	5516.8	234
/	/	/	36	5507.5	108
/	/	/	37	5518.8	111
/	/	/	38	5529.3	114

Trial Number : 9			Trial Number : 10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
35	5494.4	105	21	5513.2	63
57	5525.7	171	14	5504.3	42
48	5496.4	144	53	5525.7	159
89	5507.8	267	27	5506.1	81
/	/	/	89	5498.5	267
/	/	/	36	5509.4	108
/	/	/	25	5491.3	75

Trial Number : 11			Trial Number : 12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
36	5513.3	108	26	5498.5	78
46	5501.2	138	36	5499.6	108
56	5513.7	168	89	5501.3	267
76	5524.5	228	75	5522.5	225
/	/	/	57	5524.6	171
/	/	/	63	5496.3	189
/	/	/	27	5527.4	81

Trial Number : 13			Trial Number : 14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
24	5492.3	72	32	5498.6	96
56	5524.4	168	37	5499.8	111
67	5495.7	201	43	5502.2	129
76	5506.3	228	36	5523.5	108
/	/	/	59	5504.3	177
/	/	/	57	5505.3	171
/	/	/	44	5516.2	132

Trial Number : 15			Trial Number : 16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
32	5499.9	96	46	5496.4	138
56	5501.3	168	36	5507.8	108
33	5492.7	99	54	5498.6	162
65	5524.6	195	57	5509.8	171
/	/	/	47	5522.7	141

Trial Number : 17			Trial Number : 18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
24	5499.9	72	37	5496.4	111
53	5501.3	159	46	5497.8	138
56	5492.7	168	37	5518.6	111
35	5524.6	105	64	5499.8	192
64	5496.4	192	58	5522.7	174
76	5527.1	228	98	5503.2	294
/	/	/	47	5504.3	141
/	/	/	37	5525.9	111
/	/	/	74	5526.2	222

Trial Number : 19			Trial Number : 20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5506.4	36	25	5494.5	75
45	5497.8	135	36	5495.1	108
64	5498.6	192	26	5506.8	78
36	5499.8	108	36	5517.5	108
35	5512.7	105	42	5518.4	126
25	5503.2	75	57	5519.9	171
27	5524.3	81	63	5501.3	189
88	5505.9	264	74	5522.7	222
/	/	/	98	5514.1	294

Trial Number : 21			Trial Number : 22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5496.4	39	35	5494.4	105
31	5527.8	93	26	5505.9	78
35	5498.6	105	16	5496.4	48

36	5519.8	108	20	5507.8	60
74	5502.7	222	26	5498.6	78
31	5503.2	93	32	5529.8	96
35	5504.3	105	47	5502.7	141
56	5495.9	168	48	5513.2	144
78	5506.2	234	89	5504.3	267

Trial Number : 23			Trial Number : 24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5493	39	12	5495	36
24	5501	72	22	5507	66
37	5513	111	36	5504	108
48	5491	144	57	5493	171
45	5511	135	64	5499	192
59	5504	177	67	5502	201
80	5499	240	75	5519	225
/	/	/	79	5524	237
/	/	/	80	5525	240

Trial Number : 25			Trial Number : 26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
35	5491	78	31	5499	93
26	5494	108	42	5520	126
36	5496	105	26	5519	78
35	5503	78	47	5525	141
26	5505	108	27	5505	81
36	5518	177	45	5495	135
59	5512	141	76	5491	228
47	5518	174	/	/	/
58	5525	78	/	/	/

Trial Number : 27			Trial Number : 28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
23	5495	69	25	5492	75
45	5502	135	37	5499	111
25	5515	75	27	5519	81
16	5523	48	36	5521	108
25	5491	75	63	5495	189

37	5495	111	78	5529	234
56	5524	168	79	5499	237
79	5496	237	/	/	/
98	5499	294	/	/	/

Trial Number : 29			Trial Number : 30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
16	5495	48	37	5513	111
24	5498	72	26	5508	78
42	5502	126	35	5516	105
58	5505	174	53	5520	159
74	5513	222	38	5496	114
97	5518	291	47	5529	141
/	/	/	48	5519	144
/	/	/	58	5517	174
/	/	/	79	5522	237

802.11ac-VHT80-5530MHz

Radar Type 1 - Radar Statistical Performance

RADAR TYPE					
1					Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.5	39	1	1354	1
2	5493.7	30	1	1813	1
3	5495.3	19	1	2844	1
4	5497.2	27	1	2016	1
5	5499.5	29	1	1834	0
6	5501.6	35	1	1526	1
7	5503.7	58	1	921	1
8	5505.2	18	1	3014	1
9	5507.6	21	1	2575	1
10	5509.2	54	1	988	1
11	5513.6	32	1	1656	1

12	5515.2	47	1	1143	1
13	5517.6	22	1	2509	0
14	5519.3	24	1	2235	1
15	5521.7	32	1	1658	1
16	5524.5	18	1	2956	1
17	5527.6	59	1	907	1
18	5529.4	19	1	2823	1
19	5533.6	20	1	2670	1
20	5536.9	49	1	1090	0
21	5539.1	42	1	1258	1
22	5543.2	67	1	787	1
23	5547.5	22	1	2490	1
24	5550.1	25	1	2152	1
25	5553.9	21	1	2568	1
26	5557.2	18	1	3023	1
27	5559.1	68	1	775	1
28	5563.2	65	1	822	1
29	5566.7	20	1	2770	0
30	5569.6	37	1	1429	1
Detection Percentage (%)	86.67%				

Radar Type 2 - Radar Statistical Performance

RADAR TYPE 2					
Rohde & Schwarz K350 Pulse Sequencer DFS					
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.5	28	3.3	218	1
2	5493.7	28	1.8	153	1
3	5495.3	27	4.9	204	0
4	5497.2	29	4.2	180	1
5	5499.5	27	3.6	223	1
6	5501.6	29	3.7	182	1
7	5503.7	23	4.3	226	1
8	5505.2	26	3.6	220	0
9	5507.6	25	1.4	178	1
10	5509.2	26	2.5	206	1

11	5513.6	29	1.3	204	1
12	5515.2	29	4.9	187	1
13	5517.6	29	4.5	224	1
14	5519.3	27	4.8	195	1
15	5521.7	28	3.8	166	1
16	5524.5	24	1.5	192	1
17	5527.6	25	2.7	177	0
18	5529.4	28	2.8	155	0
19	5533.6	27	3.3	189	1
20	5536.9	23	1.9	209	1
21	5539.1	27	4.7	181	1
22	5543.2	24	2.7	162	1
23	5547.5	28	1.9	219	1
24	5550.1	25	4.5	202	0
25	5553.9	24	3.4	220	1
26	5557.2	27	1.7	187	1
27	5559.1	27	2.1	153	1
28	5563.2	26	1.4	221	0
29	5566.7	28	1.5	212	1
30	5569.6	28	4.2	216	1
Detection Percentage (%)	80.00%				

Radar Type 3 - Radar Statistical Performance

RADAR TYPE 3					
					Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.5	17	9.9	258	1
2	5493.7	17	6.5	256	1
3	5495.3	17	6.4	358	1
4	5497.2	17	7.7	267	1
5	5499.5	17	7.2	347	1
6	5501.6	17	7.8	260	1
7	5503.7	17	9.5	347	0
8	5505.2	17	6.3	433	1
9	5507.6	17	7.1	373	0
10	5509.2	16	9.3	424	1

11	5513.6	16	6.6	221	1
12	5515.2	16	7.4	426	1
13	5517.6	18	6	339	0
14	5519.3	16	9.5	225	0
15	5521.7	17	8.4	254	1
16	5524.5	18	9.7	457	1
17	5527.6	18	6.2	268	1
18	5529.4	17	7.3	289	1
19	5533.6	17	8.2	231	1
20	5536.9	16	7.5	251	1
21	5539.1	18	6.4	419	1
22	5543.2	18	6.4	479	1
23	5547.5	18	6.2	460	1
24	5550.1	18	7	243	1
25	5553.9	16	8.5	263	1
26	5557.2	17	9.8	237	1
27	5559.1	17	6.6	235	1
28	5563.2	17	8.4	346	0
29	5566.7	17	6.5	290	1
30	5569.6	16	9.7	433	1
Detection Percentage (%)	83.33%				

Radar Type 4 - Radar Statistical Performance

RADAR TYPE 4					
Rohde & Schwarz K350 Pulse Sequencer DFS					
Trial #	Test Freq. (MHz)	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5491.5	15	19.1	360	1
2	5493.7	15	19.5	311	1
3	5495.3	16	17.2	453	1
4	5497.2	14	15.6	350	1
5	5499.5	14	11.5	371	1
6	5501.6	16	14.6	340	1
7	5503.7	16	11.6	213	0
8	5505.2	16	15.2	321	1
9	5507.6	16	11.8	291	1
10	5509.2	14	16.7	225	1

11	5513.6	13	17.6	217	1
12	5515.2	14	15.3	403	1
13	5517.6	12	19.2	208	0
14	5519.3	16	15.6	457	1
15	5521.7	15	11.2	367	1
16	5524.5	14	17.1	332	1
17	5527.6	16	17.8	332	1
18	5529.4	14	15.3	339	1
19	5533.6	14	12.2	239	1
20	5536.9	13	19	207	1
21	5539.1	15	15.4	352	0
22	5543.2	14	19.4	470	0
23	5547.5	16	12.4	304	0
24	5550.1	16	12.2	203	1
25	5553.9	14	17.3	341	1
26	5557.2	13	15.5	318	1
27	5559.1	13	13.9	496	1
28	5563.2	12	16.6	226	0
29	5566.7	14	17.5	421	1
30	5569.6	12	16.9	256	1
Detection Percentage (%)	80.00%				

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

$$\frac{P1+P2+P3+P4}{4} = (86.67\%+80.00\%+83.33\%+80.00\%)/4 = 82.50\% (>80\%).$$

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	5491.0	1	16	5527.2	1
2	5493.0	1	17	5530.0	1
3	5495.1	1	18	5532.6	0
4	5497.5	1	19	5534.5	1
5	5499.4	1	20	5537.8	1
6	5502.2	0	21	5541.3	1
7	5504.3	1	22	5545.4	1

8	5506.4	0	23	5549.1	1
9	5508.7	1	24	5553.0	1
10	5510.6	1	25	5555.4	1
11	5513.0	1	26	5558.3	1
12	5515.8	1	27	5561.1	1
13	5518.9	0	28	5563.2	1
14	5521.6	1	29	5566.4	0
15	5524.1	1	30	5569.0	1
Detection Percentage (%)					83.33%

<p>TYPE 5</p> <p>PARAMETER</p> <p>SHEET</p>	Rohde & Schwarz Pulse Sequencer
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Trial Number : 1

Bursts in Trial: 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	89.8	19	1251		458.378
2	2	64.9	19	1312		270.494
3	2	79.3	19	1252		324.16
4	3	68.1	19	1302	1127	114.63
5	1	54	19			202.29
6	2	82.1	19	1425		532.54
7	2	88.8	19	1712		537.58
8	3	55.7	19	1948	1895	563.98
9	2	72.6	19	1827		518.14
10	2	57.4	19	1391		238.79
11	1	78.4	19			284.23
12	2	96	19	1388		103.04
13	3	79.7	19	1251	1397	150.94
14	1	50.8	19			154.63
15	1	78.4	19			436.53

16	3	59.1	19	1619	1742	354.2
17	3	69.4	19	1851	1320	371.78
18	2	57.2	19	1580		97.1
19	2	99.6	19	1986		97.5
20	2	97	19	1020		87.9

<h1>TYPE 5</h1> <h2>PARAMETER SHEET</h2>	Rohde & Schwarz Pulse Sequencer
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Trial Number : 2

Bursts in Trial: 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	52.8	17	1852	1792	0.764
2	2	89.5	17	1900		912.663
3	3	92.3	17	1726	1807	827.056
4	2	63.3	17	1084		10.699
5	2	65.3	17	1540		696.992
6	3	77.8	17	1568	1942	599.375
7	2	98.6	17	1197		509.848
8	2	62.9	17	1000		698.232
9	2	73.8	17	1611		534.355
10	1	78.5	17			279.828
11	2	85.1	17	1490		708.801
12	2	56.2	17	1641		133.654
13	2	81.4	17	1235		81.577

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 3

Bursts in Trial: 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	82.3	7	1241	1957	798.859
2	2	51.8	7	1568		335.343
3	2	69.5	7	1007		178.476
4	2	63.4	7	1754		54.659
5	3	70.7	7	1662	1261	621.702
6	1	81.5	7			146.375
7	3	80.6	7	1292	1309	98.768
8	2	68.9	7	1857		250.332
9	1	72.4	7			223.575
10	1	70.5	7			703.448
11	1	65.9	7			205.431
12	2	60.3	7	1977		734.254
13	2	80.1	7	1389		682.877

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 4

Bursts in Trial: 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
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						(msec)
1	3	56.7	9	1270	1795	367.237
2	2	69.2	9	1942		476.708
3	3	63.5	9	1036	1892	419.645
4	2	74	9	1617		471.323
5	3	51.5	9	1695	1330	124.801
6	1	55.6	9			591.198
7	3	90.6	9	1926	1593	228.906
8	1	89.1	9			581.194
9	1	75.6	9			336.701
10	3	70.4	9	1099	1380	412.639
11	2	64.9	9	1546		2.496
12	3	92.1	9	1355	1116	697.544
13	2	63	9	1529		264.192
14	2	73.2	9	1941		347.459
15	3	93.2	9	1439	1389	84.637
16	1	62.7	9			118.965
17	1	96.7	9			70.482

TYPE 5

PARAMETER

SHEET

 Rohde & Schwarz
 Pulse Sequencer

Trial Number : 5
Bursts in Trial: 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	2	86.8	14	1144		200.582
2	3	80	14	1321	1386	810.823
3	2	64.7	14	1499		386.886
4	2	54.9	14	1010		837.749
5	2	99.9	14	1567		548.122
6	2	99.8	14	1471		736.435
7	3	60.7	14	1649	1388	748.408
8	3	99	14	1687	1829	626.062
9	2	82.3	14	1870		871.915

10	2	64.3	14	1625		323.068
11	2	72.6	14	1791		384.281
12	3	66	14	1641	1006	566.554
13	1	98.7	14			44.877

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 6

Bursts in Trial: 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	50.8	18	1129		548.412
2	1	62.4	18			580.178
3	2	96.5	18	1355		31.515
4	2	59	18	1383		441.093
5	1	81.9	18			189.581
6	1	54.6	18			235.038
7	2	74.5	18	1991		322.526
8	1	75.4	18			508.374
9	2	81.9	18	1333		355.611
10	3	98.4	18	1555	1021	104.299
11	1	63.9	18			124.156
12	3	77.2	18	1975	1599	384.284
13	2	55.4	18	1207		626.042
14	3	84.7	18	1505	1061	661.099
15	3	71.6	18	1462	1082	384.247
16	1	81.4	18			346.865
17	1	65.3	18			502.382

TYPE 5						
PARAMETER						Rohde & Schwarz
SHEET						Pulse Sequencer
Trial Number : 7						
Bursts in Trial: 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	56	14			629.103
2	2	98.3	14	1732		595.388
3	3	75.8	14	1312	1029	104.155
4	2	97.9	14	1129		178.393
5	1	52.4	14			192.381
6	2	99.4	14	1637		400.658
7	2	73.7	14	1862		332.636
8	2	62.5	14	1377		263.074
9	2	97	14	1447		405.481
10	2	93.3	14	1800		695.729
11	3	89	14	1569	1151	666.156
12	2	72.3	14	1733		329.894
13	2	73.7	14	1321		81.982
14	2	79.4	14	1791		29.009
15	3	63.8	14	1260	1141	316.947
16	2	85.9	14	1032		303.865
17	3	82.6	14	1217	1215	422.682

TYPE 5						
PARAMETER						
SHEET						
Trial Number : 8						
Bursts in Trial: 18						
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	3	84.4	13	1355	1759	406.895
2	2	72.4	13	1273		319.519
3	2	66.8	13	1593		510.117
4	2	57.6	13	1944		457.71
5	2	51.1	13	1683		62.863
6	1	55.8	13			166.417
7	2	53.1	13	1257		185.87
8	3	67.4	13	1784	1931	384.133
9	3	55	13	1395	1141	282.007
10	2	58.4	13	1305		78.45
11	2	83	13	1475		464.343
12	3	84.8	13	1684	1822	602.897
13	2	87.1	13	1918		38.59
14	1	85.6	13			135.193
15	2	73.2	13	1391		419.547
16	1	66.1	13			465
17	2	84.3	13	1487		244.833
18	1	88.5	13			255.267

TYPE 5						
PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 9						
Bursts in Trial: 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	91.8	13			601.442
2	2	69.4	13	1294		20.859
3	3	80.9	13	1217	1905	729.55
4	2	91.5	13	1904		750.28
5	2	66.2	13	1791		131.96
6	2	70.1	13	1045		145.5
7	2	94.9	13	1035		542.91
8	2	88.2	13	1421		559.95
9	2	54.5	13	1690		545.1
10	2	77.4	13	1008		115.66
11	3	90.5	13	1239	1873	753.31
12	3	95	13	1871	1591	337.25
13	2	58.4	13	1571		466.4
14	1	77.3	13			279.2
15	1	95.4	13			752.8

TYPE 5						
PARAMETER						Rohde & Schwarz
						Pulse Sequencer
SHEET						
Trial Number : 10						
Bursts in Trial: 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	1	52.1	9			303.583
2	3	52.9	9	1943	1020	905.673
3	2	69.3	9	1212		727.506
4	2	67.5	9	1140		741.039
5	2	90.5	9	1305		611.212
6	3	78.1	9	1825	1246	204.835
7	3	75	9	1979	1280	206.888
8	2	50.2	9	1984		868.162
9	2	83.3	9	1796		297.535
10	1	77.1	9			463.888
11	2	95.3	9	1653		638.711
12	1	65.4	9			338.954
13	2	92.3	9	1247		494.377

TYPE 5						
PARAMETER						Rohde & Schwarz
						Pulse Sequencer
SHEET						
Trial Number : 11						
Bursts in Trial: 11						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI	Start Location Within

					(μ sec)	Interval (msec)
1	1	99.3	6			667.929
2	1	68.6	6			800.971
3	2	54.4	6	1666		913.842
4	2	60.3	6	1431		974.303
5	2	52.5	6	1747		990.654
6	3	85.5	6	1830	1261	218.145
7	1	73.9	6			129.255
8	2	99.8	6	1669		535.206
9	2	61.3	6	1857		1.717
10	2	81.2	6	1082		898.518
11	1	55.5	6			386.609

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 12						
Bursts in Trial: 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	71.4	10	1870		685.899
2	2	94.1	10	1465		452.26
3	2	57.9	10	1760		234.33
4	1	62	10			495.89
5	3	70.7	10	1352	1209	860.74
6	2	85	10	1619		637.23
7	3	54.1	10	1534	1635	132.46
8	2	73.7	10	1196		276.96
9	1	99	10			250.08
10	3	67.5	10	1340	1669	469.15
11	2	65.8	10	1293		559.3
12	2	99.3	10	1681		895.8

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 13

Bursts in Trial: 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	2	72.2	12	1427		702.38
2	2	92.8	12	1977		158.19
3	1	94.5	12			540.18
4	1	62.6	12			504.89
5	2	50.7	12	1523		805.3
6	2	67.9	12	1472		540.88
7	2	88.8	12	1997		540.5
8	3	73.6	12	1966	1405	915.64
9	3	69.1	12	1262	1900	837.24
10	1	68.9	12			591.29
11	2	61.4	12	1051		396.5
12	3	87.5	12	1305	1448	3

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 14

Bursts in Trial: 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	90.5	19	1817		74.713
2	1	58.2	19			164.315
3	2	93.4	19	1614		382.502
4	3	60.6	19	1387	1949	327.563
5	3	64.6	19	1407	1498	196.024
6	2	54.9	19	1825		167.245
7	2	64.1	19	1309		389.496
8	2	94.1	19	1186		370.427
9	1	74.7	19			281.988
10	3	67.7	19	1786	1561	9.239
11	2	85.4	19	1380		557.471
12	2	57.6	19	1111		310.902
13	1	54.4	19			181.653
14	2	90.1	19	1254		81.374
15	2	79.7	19	1955		610.005
16	1	80.7	19			12.586
17	2	52.2	19	1974		33.937
18	2	96.2	19	1535		175.858
19	2	64.9	19	1312		514.579

TYPE 5						
PARAMETER						Rohde & Schwarz
						Pulse Sequencer
SHEET						
Trial Number : 15						
Bursts in Trial: 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	56.9	19	1615		742.298
2	2	54	19	1480		743.641
3	2	87.6	19	1129		216.602
4	3	88.8	19	1879	1660	968.553
5	3	74.5	19	1640	1400	938.634
6	3	79.4	19	1989	1490	26.365
7	2	66.4	19	1256		798.325

8	2	85.6	19	1831		531.006
9	3	97.2	19	1192	1204	19.127
10	2	63.3	19	1114		943.418
11	1	58.4	19			325.709

TYPE 5
PARAMETER SHEET

Rohde & Schwarz
 Pulse Sequencer

Trial Number : 16

Bursts in Trial: 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	69.7	10	1921		247.531
2	2	69.8	10	1729		296.997
3	1	75.3	10			613.114
4	2	62.2	10	1581		594.381
5	2	99.3	10	1370		351.479
6	1	96.1	10			74.016
7	1	69.6	10			429.203
8	3	76.6	10	1033	1758	323.77
9	2	57.6	10	1037		821.677
10	1	65.6	10			639.174
11	3	61.4	10	1463	1540	178.081
12	3	95.7	10	1658	1729	639.829
13	3	92.9	10	1087	1230	532.586
14	2	89.2	10	1877		518.843

TYPE 5
PARAMETER SHEET

Rohde & Schwarz
 Pulse Sequencer

Trial Number : 17

Bursts in Trial: 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	61.9	17	1100		431.333
2	3	94.4	17	1072	1143	280.627
3	3	54.4	17	1178	1947	837.444
4	3	68.9	17	1426	1687	41.641
5	3	90.3	17	1513	1415	272.709
6	2	77.7	17	1814		824.806
7	1	55.7	17			543.083
8	2	54	17	1931		22.76
9	3	52.7	17	1513	1560	265.437
10	3	67.6	17	1731	1515	500.854
11	2	80.7	17	1767		846.641
12	2	74.9	17	1140		57.219
13	1	80.2	17			258.586
14	2	83.7	17	1542		131.943

TYPE 5

PARAMETER

SHEET

 Rohde & Schwarz
 Pulse Sequencer

Trial Number : 18
Bursts in Trial: 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	2	90.4	12	1477		504.072
2	2	91.4	12	1925		576.983
3	1	86.1	12			893.536
4	3	89.4	12	1185	1266	754.219
5	3	68.9	12	1531	1676	846.262
6	2	86.2	12	1648		457.855
7	2	90	12	1940		892.538
8	2	57.4	12	1121		87.442
9	2	63.6	12	1390		281.405

10	3	81.7	12	1829	1565	246.788
11	2	92.9	12	1766		94.461
12	2	71.9	12	1162		838.554
13	3	62.9	12	1211	1673	554.377

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 19

Bursts in Trial: 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	81.1	18	1223		383.202
2	1	70.7	18			715.887
3	3	60.4	18	1066	1296	720.994
4	2	68.5	18	1175		153.981
5	2	69.7	18	1053		410.909
6	2	59.1	18	1662		408.576
7	3	72.2	18	1145	1742	674.643
8	3	87.5	18	1327	1039	712.77
9	2	95.6	18	1895		356.737
10	2	88.2	18	1193		49.064
11	3	92.2	18	1310	1020	314.591
12	3	80.7	18	1753	1149	330.229
13	2	63.1	18	1778		233.286
14	3	84.2	18	1065	1598	497.043

TYPE 5

PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 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	3	76.8	10	1252	1787	454.45
2	2	91.1	10	1823		183.473
3	2	67	10	1902		530.45
4	1	86.3	10			29.65
5	2	54.7	10	1891		405.38
6	2	72.7	10	1608		381.35
7	3	76.9	10	1080	1474	441.04
8	1	83.6	10			106.32
9	2	50.5	10	1227		166.4
10	3	99.6	10	1709	1050	99.25
11	1	64.5	10			507.81
12	1	62.7	10			535.07
13	2	53.8	10	1819		454.26
14	2	86.5	10	1658		68.16
15	1	94.8	10			176.63
16	1	74.2	10			551.2
17	2	68.7	10	1731		286.03
18	1	72.7	10			105.4
19	2	91.3	10	1089		255.5
20	2	59.8	10	1998		152.1

TYPE 5

PARAMETER

SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 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	70.7	6	1889		461.366
2	1	83.4	6			468.68
3	2	54.2	6	1166		359.57

4	2	56	6	1891		263.91
5	2	91.9	6	1019		702.47
6	2	59.3	6	1398		69.13
7	2	65.1	6	1706		89.58
8	2	88	6	1380		703.8
9	1	92.3	6			402.46
10	2	75.3	6	1076		588.89
11	1	65.3	6			216.37
12	1	73.1	6			712.52
13	2	92.1	6	1678		738.22
14	3	53	6	1591	1698	46.85
15	3	93.5	6	1982	1558	471.1
16	2	51.3	6	1354		591.7

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 22

Bursts in Trial: 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	97	13	1991		228.097
2	2	75.6	13	1194		734.237
3	1	73.3	13			749.404
4	3	81.3	13	1458	1657	669.001
5	3	85.5	13	1016	1534	0.749
6	2	83	13	1142		338.936
7	1	65.8	13			337.333
8	1	69	13			88.85
9	1	92.3	13			504.407
10	2	50.3	13	1575		728.814
11	3	70.8	13	1353	1264	203.921
12	2	81.6	13	1622		786.229
13	2	74.4	13	1927		244.686
14	1	85.5	13			636.443

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 23

Bursts in Trial: 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	68.3	8			1209.76
2	1	98.8	8			833.887
3	2	51.2	8	1828		963.193
4	1	68.6	8			410.37
5	2	75.2	8	1966		805.487
6	1	75.8	8			826.883
7	1	82.5	8			1043.71
8	3	93.5	8	1732	1066	869.467
9	1	55.7	8			412.533

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 24

Bursts in Trial: 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	82.6	18	1083		130.758
2	3	63.4	18	1161	1790	455.483

3	1	75.6	18			141.037
4	3	68.7	18	1714	1785	352.86
5	1	56	18			322.083
6	3	81.2	18	1006	1444	571.567
7	2	62.2	18	1611		542.54
8	2	64.7	18	1136		337.713
9	3	68	18	1146	1511	4.717
10	1	90.8	18			300.07
11	2	53.6	18	1272		127.873
12	2	80.4	18	1622		390.757
13	2	91.3	18	1849		118.68
14	2	94	18	1894		177.753
15	2	58.7	18	1393		517.917
16	3	97.4	18	1168	1791	491.9
17	2	77.4	18	1631		16.233
18	2	66	18	1571		591.967

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 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	2	90.7	13	1376		844.675
2	3	99.5	13	1007	1959	121.27
3	3	52.7	13	1755	1224	423.28
4	2	79.3	13	1042		521.66
5	2	99.3	13	1297		608.33
6	2	86	13	1469		171.07
7	1	69.5	13			367.17
8	3	73	13	1262	1150	909.23
9	2	54	13	1291		346.6
10	2	97.9	13	1809		53.61
11	1	67.5	13			662.8
12	1	75.5	13			599.7

TYPE 5						
PARAMETER						Rohde & Schwarz
SHEET						Pulse Sequencer
Trial Number : 26						
Bursts in Trial: 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	1	56.8	10			226.656
2	2	99.5	10	1082		715.72
3	2	75.4	10	1395		149.6
4	1	77.4	10			119.85
5	2	58.6	10	1305		413.82
6	3	89	10	1823	1270	38.61
7	2	56.4	10	1778		283.19
8	1	69.8	10			120.21
9	2	76.2	10	1913		541.38
10	2	69.9	10	1269		35.34
11	2	78.9	10	1361		136.42
12	3	61	10	1797	1885	170.84
13	1	95.3	10			127.77
14	1	75.6	10			99.16
15	2	88.5	10	1960		84.5
16	2	61.7	10	1468		254.1

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 27

Bursts in Trial: 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	2	90.9	5	1057		787.509
2	2	50.9	5	1167		886.103
3	2	74.3	5	1003		22.806
4	2	51.5	5	1642		74.009
5	2	86.5	5	1520		198.412
6	2	80.7	5	1646		614.975
7	2	57.7	5	1710		775.058
8	2	74.8	5	1766		316.482
9	1	66.5	5			440.585
10	1	52.7	5			196.158
11	2	65.8	5	1146		361.241
12	2	98.7	5	1027		678.254
13	2	53.8	5	1192		237.477

TYPE 5
PARAMETER
SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 28

Bursts in Trial: 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
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						(msec)
1	2	91.5	5	1046		749.939
2	2	57.5	5	1657		78.56
3	2	84.6	5	1592		577.91
4	3	92.6	5	1535	1806	525.54
5	2	94.8	5	1481		40.38
6	3	53.7	5	1766	1559	690.86
7	2	65	5	1415		907.73
8	2	54.8	5	1739		200.96
9	3	74.7	5	1772	1331	47.82
10	2	80.3	5	1574		907.35
11	3	69.6	5	1896	1177	882.6
12	2	51.4	5	1457		886.6

TYPE 5	Rohde & Schwarz
PARAMETER	Pulse Sequencer
SHEET	

Trial Number : 29

Bursts in Trial: 8

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	67.6	7			1086.11
2	1	95.8	7			802.45
3	1	74	7			611.02
4	2	61.2	7	1149		905.46
5	2	96.1	7	1721		885.82
6	2	93.8	7	1875		365.18
7	3	92.6	7	1672	1866	1264
8	3	60.5	7	1167	1818	1003.9

TYPE 5						
PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 30						
Bursts in Trial: 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	1	90.2	10			1043.51
2	3	83.9	10	1549	1869	672.291
3	1	78.1	10			590.252
4	2	62.1	10	1830		915.123
5	1	96	10			1044.634
6	1	62.6	10			631.795
7	3	65.9	10	1754	1271	432.075
8	2	88.6	10	1970		355.406
9	2	84.4	10	1521		338.487
10	1	84.9	10			569.718
11	3	56.6	10	1097	1614	77.309

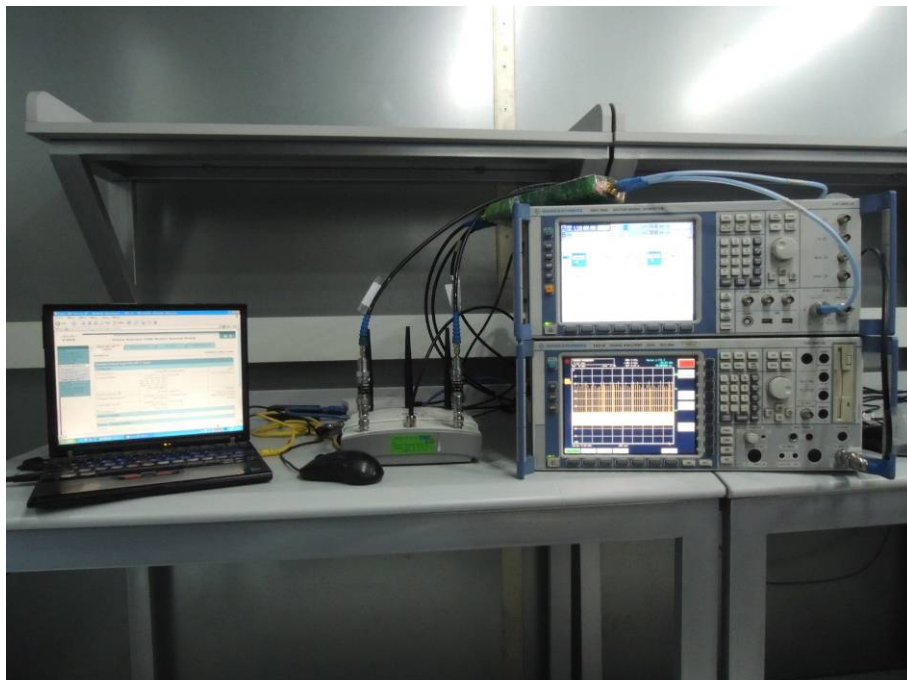
Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5491.0	1	16	5527.2	1
2	5493.0	0	17	5530.0	0
3	5495.1	1	18	5532.6	0
4	5497.5	1	19	5534.5	1
5	5499.4	0	20	5537.8	1
6	5502.2	1	21	5541.3	1

7	5504.3	0	22	5545.4	1
8	5506.4	1	23	5549.1	1
9	5508.7	1	24	5553.0	1
10	5510.6	1	25	5555.4	1
11	5513.0	1	26	5558.3	1
12	5515.8	1	27	5561.1	1
13	5518.9	1	28	5563.2	0
14	5521.6	1	29	5566.4	1
15	5524.1	1	30	5569.0	1
Detection Percentage (%)					80.00%

ANNEX B: PHOTOGRAPHS OF THE TEST SET-UP

Layout of Conducted Test



ANNEX C: Accreditation Certificate

<p>United States Department of Commerce National Institute of Standards and Technology</p> <p>NVLAP® </p> <hr/> <p>Certificate of Accreditation to ISO/IEC 17025:2017</p> <hr/> <p>NVLAP LAB CODE: 600118-0</p> <p>Telecommunication Technology Labs, CAICT Beijing China</p> <p><i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i></p> <p>Electromagnetic Compatibility & Telecommunications</p> <p><i>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).</i></p> <hr/> <p>2021-09-29 through 2022-09-30 <i>Effective Dates</i></p> <p style="text-align: center;"></p> <p style="text-align: right;"> For the National Voluntary Laboratory Accreditation Program</p>	
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