

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	3	79	9	1411	1618	272.911
2	3	76	9	1126	1223	382.108
3	2	94.9	9	1572		456.295
4	1	51.1	9			173.283
5	2	61	9	1242		228.401
6	1	67.6	9			431.498
7	1	58	9			571.326
8	2	66.7	9	1321		403.984
9	1	88.2	9			114.301
10	1	56	9			352.919
11	2	73.4	9	1194		19.896
12	1	94	9			422.544
13	1	68.5	9			695.332
14	1	70.5	9			223.329
15	3	77.6	9	1663	1727	470.447
16	1	94.8	9			694.365
17	1	79.3	9			396.382

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	51.4	18			1106.44
2	1	77.3	18			819.43
3	2	87.2	18	1050		1120.46
4	2	69.4	18	1200		351.16
5	2	85.5	18	1919		886.99
6	2	82.9	18	1820		618.89
7	3	73.5	18	1309	1400	640.45
8	1	65.4	18			234.87
9	1	94.9	18			1128.8
10	2	63	18	1236		460.5

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	86.2	19	1593		166.497
2	2	99.4	19	1933		17.317
3	2	75.5	19	1685		154.023
4	1	57.6	19			770.78
5	2	89.5	19	1857		1298.347
6	2	50.6	19	1760		134.073
7	1	83.9	19			28.41
8	2	98	19	1831		1053.267
9	2	64.3	19	1072		1042.733

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	2	80.7	14	1114		355.35
2	3	98.2	14	1262	1764	333.823
3	3	71.4	14	1623	1460	643.937
4	2	50.9	14	1400		227.46
5	1	76.5	14			131.953
6	2	85.3	14	1271		9.627
7	3	67.7	14	1522	1371	217.46
8	1	93.5	14			173.013
9	3	50.3	14	1304	1135	269.967
10	3	62.2	14	1241	1187	335.7
11	1	57	14			130.603
12	1	85	14			195.827
13	3	79.8	14	1750	1285	141.91
14	1	89.5	14			366.693
15	1	64.5	14			468.097
16	2	80.8	14	1542		390.8
17	3	90.3	14	1702	1667	176.833
18	2	71.9	14	1928		426.167

Type 5 Radar Waveform_30

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	58.5	18	1339		211.458
2	2	52.1	18	1729		224.57
3	1	71	18			318.03
4	3	83.7	18	1647	1171	543.95
5	3	62	18	1685	1959	316.39
6	2	68.3	18	1932		512.66
7	3	59.3	18	1740	1737	487.88
8	1	97.8	18			565.07
9	1	71.3	18			14.22
10	2	74.8	18	1450		283.07
11	3	94	18	1365	1355	305.71
12	1	73.4	18			250.4
13	2	97.7	18	1025		2.38
14	2	81.5	18	1669		509
15	2	94.3	18	1596		166.1
16	3	79	18	1013	1241	246.2

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	1	16	5530	1
2	5491	1	17	5531	1
3	5500	1	18	5531	1
4	5500	1	19	5540	1
5	5509	1	20	5540	1
6	5509	1	21	5549	1
7	5510	1	22	5549	1
8	5510	1	23	5550	1
9	5511	1	24	5550	1
10	5511	1	25	5551	1
11	5520	1	26	5551	1
12	5520	1	27	5560	1
13	5529	1	28	5560	1
14	5529	1	29	5569	1
15	5530	1	30	5569	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5537	3	9	5567	27
15	5533	45	16	5541	48
20	5516	60	17	5493	51
24	5553	72	35	5537	105
27	5503	81	40	5531	120
30	5550	90	52	5497	156
37	5541	111	55	5553	165
39	5557	117	57	5514	171
50	5512	150	61	5554	183
51	5499	153	63	5566	189
53	5569	159	70	5522	210
56	5547	168	77	5511	231
71	5530	213	78	5550	234
73	5566	219	81	5539	243
86	5509	258	82	5520	246
--	--	--	88	5527	264
--	--	--	94	5492	282
--	--	--	96	5523	288
--	--	--	100	5499	300

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5554	39	5	5516	15
23	5535	69	10	5559	30
25	5557	75	14	5551	42
40	5565	120	18	5563	54
48	5522	144	23	5493	69
52	5564	156	24	5508	72
55	5504	165	29	5570	87
61	5529	183	31	5552	93
65	5550	195	35	5556	105
69	5530	207	37	5544	111
74	5541	222	41	5540	123
75	5524	225	56	5519	168
78	5532	234	57	5501	171
95	5526	285	71	5546	213
96	5562	288	86	5558	258
99	5497	297	87	5557	261
--	--	--	97	5511	291

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5560	6	3	5522	9
19	5544	57	7	5535	21
36	5537	108	9	5527	27
44	5555	132	35	5530	105
50	5559	150	42	5547	126
52	5542	156	47	5555	141
57	5516	171	50	5536	150
60	5504	180	51	5564	153
74	5539	222	55	5549	165
94	5496	282	59	5556	177
100	5533	300	62	5496	186
--	--	--	66	5541	198
--	--	--	69	5525	207
--	--	--	79	5505	237
--	--	--	82	5560	246
--	--	--	87	5539	261
--	--	--	88	5533	264
--	--	--	94	5531	282
--	--	--	98	5491	294

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5533	42	2	5519	6
16	5538	48	7	5543	21
17	5564	51	14	5528	42
21	5553	63	16	5567	48
23	5536	69	18	5514	54
39	5549	117	35	5561	105
43	5539	129	39	5501	117
82	5566	246	40	5565	120
85	5510	255	41	5521	123
86	5545	258	44	5511	132
98	5561	294	49	5540	147
--	--	--	59	5558	177
--	--	--	62	5515	186
--	--	--	64	5568	192
--	--	--	65	5559	195
--	--	--	68	5532	204
--	--	--	82	5496	246

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5569	18	6	5524	18
26	5552	78	11	5565	33
34	5531	102	20	5567	60
38	5545	114	31	5522	93
53	5509	159	41	5569	123
55	5561	165	42	5508	126
75	5521	225	51	5526	153
79	5567	237	52	5517	156
82	5529	246	53	5492	159
83	5533	249	63	5550	189
95	5514	285	70	5501	210
--	--	--	74	5496	222
--	--	--	88	5541	264

--	--	--	95	5532	285
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Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5566	33	12	5532	36
18	5505	54	15	5529	45
26	5512	78	16	5537	48
30	5542	90	19	5565	57
41	5532	123	21	5515	63
49	5511	147	28	5544	84
52	5503	156	29	5560	87
53	5515	159	34	5568	102
61	5514	183	41	5562	123
86	5560	258	55	5554	165
94	5498	282	67	5528	201
95	5517	285	69	5559	207
97	5534	291	71	5525	213
--	--	--	73	5490	219
--	--	--	93	5539	279
--	--	--	96	5510	288
--	--	--	100	5493	300

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5527	18	13	5566	39
8	5533	24	19	5557	57
10	5508	30	27	5504	81
15	5519	45	30	5523	90
22	5500	66	44	5551	132
30	5569	90	61	5525	183
42	5531	126	64	5532	192
51	5554	153	66	5515	198
56	5501	168	70	5506	210
63	5545	189	75	5503	225
64	5568	192	77	5520	231

67	5565	201	95	5569	285
68	5564	204	--	--	--
77	5535	231	--	--	--
78	5555	234	--	--	--
84	5514	252	--	--	--
86	5552	258	--	--	--
87	5495	261	--	--	--
88	5510	264	--	--	--
98	5512	294	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5530	24	21	5535	63
17	5512	51	28	5504	84
26	5548	78	44	5534	132
31	5500	93	60	5515	180
39	5525	117	64	5518	192
43	5507	129	66	5565	198
56	5558	168	68	5516	204
61	5535	183	77	5502	231
62	5538	186	78	5527	234
68	5501	204	80	5524	240
77	5515	231	98	5519	294
79	5527	237	99	5540	297
80	5504	240	--	--	--
81	5559	243	--	--	--
85	5517	255	--	--	--
90	5533	270	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5560	21	10	5511	30
9	5548	27	12	5559	36
12	5530	36	13	5549	39
13	5555	39	14	5569	42
14	5556	42	18	5504	54
22	5549	66	20	5570	60
24	5562	72	33	5525	99
34	5525	102	46	5539	138
39	5491	117	49	5543	147
40	5505	120	50	5550	150
53	5495	159	53	5545	159
54	5563	162	56	5557	168
59	5568	177	60	5560	180
61	5521	183	68	5538	204
64	5492	192	72	5552	216
66	5494	198	75	5495	225
72	5516	216	77	5514	231
84	5533	252	84	5520	252
86	5561	258	86	5567	258
91	5538	273	89	5565	267
93	5567	279	92	5528	276

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5565	18	3	5557	9
14	5536	42	4	5503	12
34	5554	102	6	5537	18
35	5560	105	7	5496	21
45	5544	135	13	5532	39
53	5539	159	24	5509	72
56	5531	168	31	5495	93
58	5542	174	34	5524	102
65	5552	195	37	5491	111
69	5530	207	38	5544	114
74	5521	222	39	5570	117
82	5497	246	40	5566	120
99	5527	297	44	5548	132
--	--	--	51	5554	153
--	--	--	57	5531	171
--	--	--	61	5534	183
--	--	--	67	5502	201
--	--	--	69	5517	207
--	--	--	74	5543	222
--	--	--	76	5565	228
--	--	--	84	5512	252
--	--	--	100	5526	300

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5495	39	9	5513	27
16	5502	48	12	5537	36
30	5553	90	36	5502	108
38	5536	114	40	5540	120
67	5552	201	41	5519	123
68	5497	204	46	5514	138
70	5566	210	49	5534	147
75	5569	225	62	5555	186
79	5522	237	64	5505	192
86	5514	258	69	5496	207
92	5554	276	76	5495	228
97	5517	291	80	5559	240
98	5498	294	81	5500	243
100	5568	300	84	5516	252
--	--	--	87	5521	261

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5519	9	5	5519	15
4	5567	12	10	5561	30
7	5531	21	18	5500	54
9	5509	27	22	5524	66
13	5501	39	37	5497	111
18	5514	54	40	5548	120
19	5518	57	42	5494	126
22	5537	66	59	5558	177
23	5539	69	62	5508	186
26	5533	78	68	5516	204
27	5534	81	69	5492	207
30	5547	90	74	5555	222
40	5496	120	77	5503	231
46	5564	138	81	5529	243
47	5512	141	85	5534	255

49	5559	147	87	5557	261
52	5523	156	--	--	--
54	5491	162	--	--	--
57	5563	171	--	--	--
60	5545	180	--	--	--
68	5502	204	--	--	--
72	5570	216	--	--	--
77	5490	231	--	--	--
82	5546	246	--	--	--
95	5524	285	--	--	--
99	5493	297	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5563	30	10	5535	30
16	5514	48	11	5554	33
19	5508	57	33	5509	99
22	5520	66	50	5516	150
23	5524	69	54	5569	162
34	5552	102	56	5529	168
37	5522	111	64	5496	192
45	5516	135	79	5560	237
46	5567	138	94	5495	282
49	5559	147	--	--	--
59	5533	177	--	--	--
63	5495	189	--	--	--
66	5558	198	--	--	--
74	5540	222	--	--	--
80	5505	240	--	--	--
89	5550	267	--	--	--
95	5510	285	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5521	12	1	5553	3
20	5555	60	4	5506	12
26	5567	78	6	5521	18
28	5549	84	15	5507	45
30	5526	90	20	5492	60
32	5565	96	30	5542	90
41	5524	123	37	5514	111
51	5540	153	38	5527	114
64	5554	192	41	5504	123
66	5492	198	45	5529	135
88	5511	264	52	5510	156
89	5499	267	62	5493	186
97	5498	291	63	5534	189

--	--	--	64	5513	192
--	--	--	79	5532	237
--	--	--	88	5531	264

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5563	9	1	5557	3
4	5518	12	5	5539	15
9	5517	27	11	5506	33
11	5492	33	14	5524	42
14	5539	42	15	5566	45
15	5534	45	18	5495	54
17	5524	51	32	5550	96
22	5527	66	47	5525	141
33	5565	99	63	5568	189
35	5497	105	66	5523	198
44	5511	132	77	5496	231
48	5498	144	85	5556	255
52	5544	156	90	5560	270
66	5506	198	98	5505	294
74	5532	222	--	--	--
76	5542	228	--	--	--
91	5523	273	--	--	--
99	5516	297	--	--	--
100	5550	300	--	--	--

Product	AX3000 Gigabit Wi-Fi 6 Router	Temperature	27°C
Test Engineer	Fran	Relative Humidity	65%
Test Site	AC1	Test Date	2020/04/09
Test Item	Radar Statistical Performance Check (802.11ax-HE160 mode -5570)		

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	618	86	1
2	5500	1	518	102	1
3	5509	1	698	76	1
4	5510	1	598	89	1
5	5511	1	858	62	1
6	5520	1	898	59	1
7	5529	1	658	81	1
8	5530	1	798	67	1
9	5531	1	678	78	1
10	5540	1	938	57	1
11	5549	1	758	70	1
12	5550	1	778	68	1
13	5551	1	578	92	1
14	5560	1	878	61	1
15	5569	1	818	65	1
16	5570	1	752	71	1
17	5571	1	1969	27	1
18	5580	1	2425	22	1
19	5589	1	1448	37	1
20	5590	1	2701	20	1
21	5591	1	1846	29	1
22	5600	1	2228	24	1
23	5609	1	2323	23	1
24	5610	1	881	60	1
25	5611	1	3066	18	1
26	5620	1	961	55	1

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5629	1	2789	19	1
28	5630	1	2718	20	1
29	5640	1	2934	18	1
30	5649	1	788	67	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	1.9	193	23	0
2	5500	4.4	190	26	1
3	5509	2.1	192	27	1
4	5510	1.7	194	26	1
5	5511	2.5	157	29	1
6	5520	4.2	229	26	1
7	5529	2.1	174	24	1
8	5530	3.2	220	26	1
9	5531	1.7	168	28	1
10	5540	2.1	189	26	0
11	5549	1.7	213	23	1
12	5550	3.3	171	27	1
13	5551	1.0	204	23	1
14	5560	2.9	175	26	1
15	5569	1.9	170	26	1
16	5570	3.3	197	29	1
17	5571	4.5	190	23	1
18	5580	4.2	151	27	0
19	5589	3.2	205	24	1
20	5590	4.2	200	28	1
21	5591	2.8	189	28	1
22	5600	3.9	226	28	1
23	5609	1.4	191	26	1
24	5610	2.8	158	27	1
25	5611	1.3	157	27	1
26	5620	3.5	200	25	1
27	5629	3.9	192	26	1
28	5630	1.0	206	25	1
29	5640	4.6	224	28	1
30	5649	4.3	179	27	1
Detection Percentage (%)					90%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	9.5	212	17	1
2	5500	9.5	322	17	1
3	5509	8.4	289	17	1
4	5510	6.8	384	18	1
5	5511	8.6	254	17	1
6	5520	8.6	419	16	0
7	5529	6.8	363	17	1
8	5530	7.0	277	17	1
9	5531	9.0	315	18	0
10	5540	7.2	376	17	1
11	5549	6.4	371	17	1
12	5550	8.9	471	17	0
13	5551	7.0	370	17	1
14	5560	8.9	419	17	1
15	5569	9.5	429	17	1
16	5570	6.5	248	16	1
17	5571	9.4	451	17	1
18	5580	7.2	439	17	1
19	5589	8.5	499	17	1
20	5590	7.3	444	18	1
21	5591	9.3	338	18	1
22	5600	6.0	266	17	1
23	5609	7.0	383	17	1
24	5610	8.6	308	16	1
25	5611	10.0	313	17	1
26	5620	8.4	357	18	1
27	5629	9.6	207	17	1
28	5630	8.7	291	16	1
29	5640	6.0	280	18	0
30	5649	8.5	381	17	1
Detection Percentage (%)					86.7%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	13.1	440	15	1
2	5500	14.8	474	14	1
3	5509	14.4	314	13	1
4	5510	16.9	381	16	1
5	5511	18.0	397	16	1
6	5520	18.0	221	14	1
7	5529	17.3	296	13	1
8	5530	16.9	277	14	1
9	5531	17.8	466	14	1
10	5540	15.3	212	14	1
11	5549	12.7	286	12	1
12	5550	12.2	297	12	1
13	5551	13.3	271	14	1
14	5560	19.6	474	15	1
15	5569	14.8	243	15	1
16	5570	18.4	412	14	1
17	5571	11.6	268	14	1
18	5580	17.2	226	16	1
19	5589	17.2	391	13	1
20	5590	17.8	432	13	0
21	5591	16.9	484	13	1
22	5600	11.3	239	15	1
23	5609	19.2	284	16	1
24	5610	11.9	215	13	0
25	5611	14.3	401	13	1
26	5620	13.3	410	15	1
27	5629	19.3	465	14	0
28	5630	11.1	213	15	1
29	5640	13.7	355	15	1
30	5649	18.4	385	14	1
Detection Percentage (%)					90%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 90\% + 86.7\% + 90\%) / 4 = 91.7\% (>80\%)$

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	5570.0	1	16	5493.8	1
2	5570.0	1	17	5496.6	0
3	5570.0	1	18	5498.6	1
4	5570.0	1	19	5493.0	1
5	5570.0	1	20	5497.4	1
6	5570.0	1	21	5642.6	1
7	5570.0	1	22	5645.4	1
8	5570.0	1	23	5646.6	1
9	5570.0	1	24	5644.6	1
10	5570.0	1	25	5641.8	0
11	5495.4	1	26	5641.0	1
12	5497.8	1	27	5644.2	0
13	5495.8	1	28	5642.6	0
14	5493.4	1	29	5643.8	0
15	5494.6	1	30	5646.6	1
Detection Percentage (%)					83.3%

Type 5 Radar Waveform_1						
Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	83.6	6	1798		100.7
2	3	71.2	6	1016	1836	521.05
3	3	88.4	6	1542	1850	373.1
4	3	65	6	1615	1808	472.5
5	1	61.5	6			306.58
6	2	67.5	6	1950		17.29
7	1	69.2	6			116.61
8	1	61.2	6			549.03
9	2	74.5	6	1817		54.71
10	1	98.7	6			466.23
11	3	56.6	6	1798	1145	135.92
12	1	88.2	6			257.81
13	1	63.2	6			240.24
14	2	53.5	6	1097		742
15	1	86.8	6			620.3
16	2	88.4	6	1857		551.2

Type 5 Radar Waveform_2

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	71.6	20	1081		710.811
2	1	90.2	20			1034.991
3	3	58.9	20	1631	1757	545.772
4	1	50.6	20			927.963
5	2	89.9	20	1502		652.344
6	2	61	20	1776		1058.035
7	1	58.7	20			642.145
8	2	97.7	20	1737		377.056
9	1	75	20			250.317
10	3	97.8	20	1661	1988	960.718
11	1	50.3	20			458.909

Type 5 Radar Waveform_3

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	81.1	18	1003	1377	1477.67
2	2	84.1	18	1483		320.43
3	3	82.4	18	1993	1088	1429.6
4	2	99.3	18	1241		135.61
5	2	85.5	18	1827		1242.57
6	2	55.4	18	1922		402.69
7	3	88.1	18	1314	1935	1467.7
8	3	76.2	18	1203	1179	1021.8

Type 5 Radar Waveform_4

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	96.6	17	1884	1901	523.618
2	2	77.1	17	1857		577.06
3	3	55.3	17	1420	1921	25.91
4	3	74.9	17	1252	1738	151.57
5	1	73.1	17			85.37
6	2	65.8	17	1751		222.96
7	1	78	17			494.77
8	3	94.4	17	1567	1568	133.69
9	1	99.7	17			707.35
10	2	75.7	17	1695		544.76
11	1	97.6	17			615.1
12	1	72.8	17			203.73
13	3	57.4	17	1855	1348	320.36
14	3	55.5	17	1991	1590	285.4
15	1	75.6	17			354.2

Type 5 Radar Waveform_5

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	76.5	6	1657		263.638
2	1	59.3	6			528.34
3	2	78.2	6	1525		435.2
4	2	76.7	6	1722		110.67
5	2	77.2	6	1485		12.88
6	2	72.3	6	1956		356.51
7	3	76.3	6	1328	1869	567.92
8	3	52.3	6	1809	1266	375.78
9	2	93.8	6	1491		314.47
10	1	90.6	6			181.61
11	2	57.4	6	1332		144
12	2	62.8	6	1445		492.91
13	2	55.7	6	1272		114.22
14	2	96.7	6	1359		384.4
15	1	85.5	6			280.2

Type 5 Radar Waveform_6

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	88.6	15	1411		217.968
2	3	81.9	15	1187	1092	354.613
3	1	80.1	15			517.217
4	2	73.8	15	1470		80.28
5	2	50.2	15	1277		284.713
6	2	97.9	15	1951		197.137
7	1	86.9	15			523.22
8	3	81.5	15	1611	1735	475.533
9	2	89.9	15	1254		273.237
10	1	60.6	15			16.22
11	3	90.9	15	1623	1520	504.623
12	3	64.3	15	1685	1632	590.237
13	3	61.5	15	1826	1854	93.4
14	2	50.6	15	1757		237.813
15	1	68.8	15			368.867
16	3	83.9	15	1170	1114	521.8
17	1	91.5	15			62.333
18	2	65.5	15	1323		449.367

Type 5 Radar Waveform_7

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	59.6	13			908.845
2	2	61.7	13	1169		1444.22
3	1	73.6	13			1160.12
4	1	93.5	13			590.6
5	3	98.4	13	1104	1972	1373.43
6	3	86.6	13	1309	1333	662.77
7	1	97	13			212.11
8	3	77.8	13	1829	1921	945.6

Type 5 Radar Waveform_8

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	93.7	18	1166	1061	168.136
2	1	78.6	18			3.178
3	1	71.3	18			109.885
4	2	61.8	18	1622		124.893
5	2	55.6	18	1527		681.311
6	2	83.8	18	1032		601.668
7	1	71.1	18			501.406
8	1	98.7	18			371.904
9	2	88.3	18	1714		56.121
10	3	90.5	18	1053	1096	150.829
11	3	70.5	18	1963	1266	510.536
12	2	65.5	18	1792		95.264
13	2	73.7	18	1583		513.732
14	2	97.4	18	1211		573.739
15	3	94.3	18	1365	1330	682.947
16	1	70.3	18			423.065
17	2	72.7	18	1338		440.182

Type 5 Radar Waveform_9

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	56.3	16	1625		1018.57
2	3	78.2	16	1212	1737	1030.171
3	2	54.8	16	1136		127.122
4	1	74.2	16			0.193
5	3	67.9	16	1613	1590	700.664
6	3	51.9	16	1800	1921	433.005
7	3	89.5	16	1422	1750	934.915
8	3	91.1	16	1172	1775	984.396
9	2	99.1	16	1288		480.157
10	2	68.3	16	1036		962.118
11	1	99.8	16			114.809

Type 5 Radar Waveform_10

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	77.2	13	1977	1190	613.936
2	2	51.3	13	1912		273.972
3	2	85.8	13	1872		367.937
4	3	96.4	13	1762	1429	636.37
5	3	52	13	1388	1011	539.583
6	1	87.7	13			170.867
7	2	63	13	1208		420.77
8	1	70.7	13			650.583
9	3	69	13	1752	1191	196.967
10	3	73.7	13	1196	1448	126.71
11	2	82.1	13	1455		192.813
12	1	51.9	13			394.407
13	1	63.5	13			243.35
14	1	78.3	13			556.203
15	1	95.8	13			263.677
16	3	93	13	1735	1381	259
17	1	65.2	13			503.433
18	2	80	13	1212		317.167

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	59.1	11			700.968
2	3	74.4	11	1567	1835	600.5
3	1	68.5	11			48.43
4	2	98.8	11	1933		114.24
5	2	90.1	11	1714		53.53
6	1	98.1	11			269.96
7	3	84	11	1219	1763	375.98
8	1	67.2	11			360.21
9	2	90.3	11	1213		526.6
10	2	82.6	11	1137		283.03
11	2	89.2	11	1128		553.58
12	2	85.6	11	1911		694.54
13	2	99.6	11	1421		513.49
14	1	80.5	11			539.8
15	2	92.5	11	1086		364.5
16	2	74.9	11	1100		463.6

Type 5 Radar Waveform_12

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	81.2	17	1291		444.522
2	2	77	17	1050		742.263
3	2	73	17	1603		485.046
4	2	91.8	17	1721		317.069
5	1	79.9	17			324.852
6	2	66.8	17	1060		460.215
7	1	75.5	17			603.198
8	3	89.5	17	1758	1962	842.102
9	3	54.6	17	1353	1029	179.505
10	1	79.5	17			329.198
11	1	60	17			438.381
12	1	77.3	17			854.254
13	2	69.2	17	1865		392.277

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	56.9	12	1614		25.964
2	1	69.3	12			335.831
3	2	52.8	12	1991		260.012
4	2	79.4	12	1429		911.823
5	1	84.4	12			321.704
6	1	83.7	12			268.885
7	2	69.7	12	1064		919.295
8	1	95.5	12			979.606
9	3	74.4	12	1241	1784	529.897
10	1	67.2	12			738.218
11	2	96.1	12	1411		701.009

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	63.2	6			684.397
2	1	66.1	6			69.413
3	2	83	6	1995		801.884
4	3	66.4	6	1286	1546	23.941
5	3	85.4	6	1053	1178	841.439
6	3	71.5	6	1071	1889	515.146
7	2	90.3	6	1314		372.403
8	2	55	6	1157		731.83
9	2	59.8	6	1363		165.477
10	2	89.5	6	1143		466.434
11	3	55.2	6	1529	1151	656.231
12	3	81.9	6	1413	1718	246.899
13	2	66.1	6	1329		113.986
14	2	55.8	6	1707		306.643

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	2	63	9	1361		394.638
2	2	54.8	9	1674		720.46
3	3	81.5	9	1428	1823	181.25
4	2	76.3	9	1363		128.35
5	3	68	9	1926	1842	659.5
6	2	98.4	9	1888		490.3
7	2	89.8	9	1803		135.99
8	2	80.2	9	1506		126.36
9	3	83	9	1732	1484	577.62
10	2	86.6	9	1681		564.03
11	3	76.8	9	1703	1206	140.87
12	3	77.4	9	1533	1871	531.14
13	1	77.2	9			73.79
14	2	90.7	9	1035		524.6
15	2	62.8	9	1774		264.4
16	3	89.8	9	1045	1780	637.1

Type 5 Radar Waveform_16

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	62.1	7	1467		492.545
2	2	80.2	7	1483		656.013
3	1	77.1	7			123.747
4	3	66.4	7	1493	1376	516.1
5	2	53.6	7	1537		527.103
6	3	95.2	7	1738	1316	186.847
7	2	68.7	7	1049		391.82
8	2	75.4	7	1759		153.703
9	2	64.8	7	1081		191.167
10	1	69.7	7			484.08
11	3	59.3	7	1250	1948	422.323
12	2	60.3	7	1385		46.427
13	2	69.8	7	1048		568.79
14	3	99.1	7	1065	1462	154.723
15	3	63.9	7	1421	1921	618.137
16	3	54.3	7	1493	1710	41.1
17	1	64.9	7			5.833
18	2	50.3	7	1401		499.767

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	3	71.9	14	1846	1895	569.717
2	2	63.2	14	1614		596.171
3	1	97.4	14			533.032
4	2	65.5	14	1695		493.873
5	2	66.2	14	1376		379.304
6	2	93	14	1045		197.085
7	3	73.7	14	1209	1044	44.406
8	2	63.2	14	1654		371.847
9	3	52.8	14	1282	1530	152.898
10	2	63.3	14	1331		419.599
11	1	71.8	14			353.781
12	2	91.4	14	1130		500.622
13	1	85.6	14			218.573
14	2	78.1	14	1865		474.414
15	2	55.7	14	1692		154.445
16	2	70.8	14	1177		304.226
17	1	96.2	14			195.037
18	1	73.8	14			0.358
19	2	55.7	14	1806		586.979

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	61.1	19	1446		1261.72
2	2	91.5	19	1493		194.037
3	2	55.6	19	1882		1122.123
4	2	99.3	19	1724		76.26
5	2	82.5	19	1994		394.437
6	2	97.4	19	1639		977.663
7	3	92	19	1179	1504	1304.07
8	2	86.6	19	1711		658.117
9	1	55	19			458.433

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	1	54.3	5			966.436
2	1	50	5			247.14
3	2	75.5	5	1510		572.95
4	2	63.9	5	1923		192.48
5	2	63	5	1800		922
6	3	55.8	5	1055	1591	131.92
7	2	91.3	5	1570		11.65
8	2	78.5	5	1964		337.01
9	3	86.6	5	1626	1732	430.27
10	2	79.6	5	1707		22.13
11	2	52	5	1481		849.4
12	1	99.6	5			389.6

Type 5 Radar Waveform_20

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	72.2	16	1605		776.863
2	2	66.9	16	1258		960.041
3	2	64.4	16	1561		512.182
4	2	83.3	16	1381		805.673
5	1	81.9	16			985.204
6	3	53.5	16	1601	1670	971.205
7	2	96.2	16	1906		760.525
8	2	58.3	16	1061		221.926
9	3	100	16	1702	1666	222.127
10	2	69.1	16	1205		666.718
11	3	65.2	16	1454	1570	138.609

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	73.4	16	1567		109.01
2	3	60.4	16	1406	1970	381.343
3	1	64.7	16			232.196
4	2	67.1	16	1860		522.079
5	2	80.9	16	1835		873.272
6	3	56.6	16	1728	1136	406.325
7	3	53	16	1680	1330	854.518
8	3	66.5	16	1171	1085	587.622
9	2	99	16	1078		564.325
10	2	83.7	16	1994		475.638
11	1	52.6	16			849.631
12	3	96.6	16	1701	1678	845.254
13	2	53.6	16	1970		391.877

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	69.9	9	1511	1597	673.439
2	3	62	9	1200	1046	698.85
3	1	50.2	9			340.93
4	3	69.3	9	1793	1559	337.19
5	2	86.7	9	1238		734.96
6	2	92.9	9	1394		118.43
7	1	73.9	9			219.73
8	2	65	9	1279		491.09
9	1	60.1	9			323.62
10	2	72.2	9	1319		338.18
11	2	63.9	9	1125		591.72
12	2	57.4	9	1435		683.86
13	2	67.7	9	1271		355.76
14	3	51.9	9	1676	1440	203.42
15	2	65.7	9	1099		261.9
16	2	64.6	9	1360		8.3

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	3	92.1	6	1514	1564	16.679
2	2	73.1	6	1385		410.18
3	2	67.9	6	1228		135.7
4	2	66.9	6	1287		455.96
5	3	84.6	6	1200	1173	519.65
6	3	90.9	6	1677	1317	144.5
7	3	65.4	6	1946	1722	250.73
8	3	58.1	6	1740	1161	41.14
9	2	92.4	6	1172		523.84
10	2	52.9	6	1649		103.78
11	2	92.9	6	1794		329.95
12	2	62.3	6	1166		323.11
13	2	50.8	6	1732		340.59
14	1	84.7	6			386.4
15	2	77.5	6	1764		545.8

Type 5 Radar Waveform_24

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	67.2	11	1440		704.435
2	2	89.7	11	1787		465.85
3	1	98.2	11			81.18
4	1	54.9	11			119.69
5	2	95.6	11	1357		289.5
6	2	72.1	11	1037		151.8
7	2	59.9	11	1218		715
8	3	56.2	11	1944	1596	322.94
9	2	84.4	11	1063		551.86
10	2	64.6	11	1948		311.8
11	3	56.5	11	1007	1500	546.74
12	2	78	11	1251		68.1
13	1	96.1	11			334.52
14	2	61.9	11	1583		323
15	2	72.2	11	1037		618.7
16	1	76.9	11			733.2

Type 5 Radar Waveform_25

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	91.7	18	1821	1933	355.922
2	2	67.8	18	1443		511.92
3	1	62.1	18			297.55
4	2	71.1	18	1085		141.27
5	3	58.5	18	1572	1307	494.22
6	3	68.8	18	1415	1549	702.65
7	2	80.4	18	1249		54.28
8	3	90.6	18	1578	1636	736.31
9	1	71.6	18			733.41
10	2	77.2	18	1250		15.56
11	2	60.1	18	1468		188.69
12	3	94.2	18	1055	1838	583.67
13	3	82.8	18	1546	1798	68.25
14	3	51.2	18	1205	1039	461.8
15	2	68.1	18	1716		500.8
16	2	94.9	18	1885		669.2

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	1	97.6	20			320.301
2	3	86.7	20	1299	1571	246.129
3	3	83.4	20	1854	1051	518.165
4	1	63.3	20			148.653
5	2	89.5	20	1734		421.351
6	1	54	20			545.968
7	2	58.8	20	1291		390.416
8	2	63	20	1392		474.244
9	3	99.9	20	1391	1625	274.581
10	1	74.8	20			525.479
11	2	85.7	20	1316		453.386
12	2	85.7	20	1718		251.284
13	2	91	20	1387		470.472
14	1	68.6	20			270.629
15	1	93.2	20			499.547
16	2	55.9	20	1537		147.365
17	2	76.4	20	1493		548.782

Type 5 Radar Waveform_27

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	60.5	12	1764		163.286
2	1	82	12			225.087
3	2	78	12	1927		916.043
4	1	80.5	12			799.2
5	2	62.5	12	1994		1155.417
6	2	57.7	12	1983		634.023
7	3	97.2	12	1211	1205	33.07
8	2	57.9	12	1375		778.667
9	2	56.9	12	1923		699.233

Type 5 Radar Waveform_28

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	99.1	16			360.172
2	2	95.8	16	1301		216.854
3	3	81.3	16	1865	1768	120.482
4	3	53.7	16	1761	1968	23.763
5	1	76.8	16			7.524
6	3	56.2	16	1865	1944	530.965
7	2	65.3	16	1839		158.586
8	1	97.7	16			339.067
9	2	86.3	16	1297		561.088
10	3	65.4	16	1666	1881	429.149
11	3	62.6	16	1139	1441	236.871
12	1	66.7	16			73.232
13	2	94.2	16	1509		624.483
14	1	66.5	16			566.004
15	2	67.4	16	1860		319.855
16	2	86.1	16	1402		84.776
17	2	90	16	1414		117.237
18	3	89.7	16	1088	1042	39.258
19	1	94.7	16			269.279

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	62.2	13	1169	1703	798.419
2	2	53.1	13	1855		178.32
3	3	91.6	13	1034	1663	768.81
4	2	81.3	13	1930		773.87
5	3	73.1	13	1581	1421	374.63
6	3	64.6	13	1618	1387	809.26
7	1	50.5	13			349.84
8	2	92.5	13	1246		571.02
9	2	82	13	1479		942.2
10	1	90.5	13			62.95
11	2	82	13	1552		101.4
12	2	79.4	13	1082		450.3

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	94.6	6			276.777
2	2	81.2	6	1893		768.99
3	2	78.3	6	1216		150.59
4	2	61.9	6	1629		724.29
5	3	60.5	6	1432	1892	81.5
6	2	83.8	6	1100		700.21
7	3	52	6	1393	1501	323.79
8	1	92.3	6			291.1
9	2	57.8	6	1554		47.26
10	2	75.8	6	1362		952.1
11	1	84.5	6			105.7
12	3	93.2	6	1085	1026	322.6

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	1	16	5570	1
2	5500	1	17	5571	1
3	5509	1	18	5580	1
4	5510	1	19	5589	1
5	5511	1	20	5590	1
6	5520	1	21	5591	1
7	5529	1	22	5600	1
8	5530	1	23	5609	1
9	5531	1	24	5610	1
10	5540	1	25	5611	1
11	5549	1	26	5620	1
12	5550	1	27	5629	1
13	5551	1	28	5630	1
14	5560	1	29	5640	1
15	5569	1	30	5649	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5592	6	1	5558	3
5	5516	15	4	5549	12
6	5523	18	5	5632	15
7	5582	21	9	5495	27
8	5648	24	12	5576	36
9	5615	27	15	5561	45
11	5606	33	18	5557	54
13	5616	39	21	5523	63
15	5632	45	23	5505	69
17	5573	51	27	5572	81
22	5545	66	28	5547	84
23	5566	69	30	5527	90
24	5498	72	31	5611	93
25	5645	75	34	5602	102
26	5594	78	36	5526	108
32	5517	96	37	5615	111
33	5541	99	38	5504	114
34	5491	102	39	5608	117
37	5640	111	42	5619	126
39	5559	117	44	5637	132
40	5494	120	47	5519	141
41	5506	123	53	5646	159
44	5609	132	59	5600	177
45	5587	135	60	5601	180
47	5551	141	62	5563	186
50	5650	150	64	5499	192
51	5500	153	67	5584	201
53	5560	159	70	5546	210
58	5512	174	71	5517	213
59	5547	177	75	5635	225
61	5635	183	80	5644	240
62	5581	186	81	5588	243
64	5496	192	82	5641	246
66	5507	198	84	5591	252

67	5536	201	85	5529	255
71	5603	213	91	5520	273
73	5607	219	95	5491	285
74	5510	222	98	5541	294
75	5598	225	100	5503	300
78	5577	234	--	--	--
81	5591	243	--	--	--
82	5638	246	--	--	--
86	5623	258	--	--	--
89	5584	267	--	--	--
92	5620	276	--	--	--
93	5527	279	--	--	--
97	5628	291	--	--	--
98	5625	294	--	--	--
99	5557	297	--	--	--
100	5553	300	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5609	9	6	5528	18
12	5548	36	8	5556	24
17	5592	51	9	5557	27
19	5524	57	10	5555	30
21	5637	63	21	5527	63
22	5573	66	22	5582	66
23	5541	69	23	5574	69
28	5498	84	33	5570	99
30	5598	90	37	5534	111
31	5638	93	38	5533	114
36	5599	108	39	5497	117
38	5500	114	40	5502	120
40	5646	120	44	5629	132
42	5564	126	45	5627	135
45	5623	135	47	5613	141
47	5597	141	53	5626	159
48	5565	144	54	5538	162

49	5643	147	58	5544	174
50	5512	150	61	5514	183
54	5616	162	67	5500	201
56	5594	168	70	5605	210
61	5510	183	73	5553	219
65	5534	195	74	5523	222
72	5629	216	75	5496	225
75	5567	225	76	5596	228
76	5600	228	79	5636	237
78	5513	234	80	5490	240
79	5620	237	82	5632	246
89	5523	267	83	5640	249
90	5647	270	85	5625	255
92	5590	276	86	5550	258
--	--	--	89	5573	267
--	--	--	90	5643	270
--	--	--	91	5522	273
--	--	--	93	5579	279
--	--	--	99	5641	297
--	--	--	100	5614	300

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5635	3	6	5509	18
2	5562	6	8	5634	24
3	5498	9	13	5596	39
4	5604	12	15	5548	45
5	5503	15	17	5650	51
10	5545	30	21	5568	63
11	5553	33	22	5639	66
13	5619	39	35	5501	105
22	5530	66	39	5617	117
24	5638	72	41	5563	123
25	5551	75	43	5613	129
27	5621	81	43	5613	129
30	5501	90	44	5550	132

34	5536	102	48	5538	144
42	5547	126	55	5532	165
52	5559	156	56	5649	168
57	5569	171	58	5605	174
59	5561	177	65	5556	195
60	5579	180	67	5638	201
62	5493	186	73	5522	219
64	5608	192	76	5640	228
65	5595	195	77	5525	231
66	5614	198	79	5646	237
69	5527	207	80	5524	240
71	5620	213	83	5539	249
72	5542	216	88	5616	264
75	5515	225	89	5593	267
76	5606	228	91	5641	273
82	5550	246	94	5516	282
83	5520	249	97	5627	291
88	5502	264	98	5529	294
89	5632	267	--	--	--
94	5630	282	--	--	--
95	5564	285	--	--	--
100	5628	300	--	--	--
Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5602	12	2	5627	6
16	5553	48	4	5650	12
21	5500	63	5	5561	15
25	5491	75	8	5597	24
27	5535	81	12	5509	36
28	5555	84	19	5535	57
34	5599	102	20	5557	60
35	5617	105	23	5580	69
38	5522	114	33	5632	99
40	5594	120	43	5596	129
43	5564	129	46	5637	138
44	5635	132	49	5494	147

46	5492	138	50	5634	150
50	5583	150	54	5491	162
55	5539	165	61	5625	183
56	5643	168	62	5562	186
59	5632	177	68	5611	204
66	5641	198	69	5605	207
69	5560	207	72	5502	216
72	5521	216	74	5600	222
74	5550	222	78	5501	234
77	5608	231	84	5640	252
78	5574	234	92	5581	276
79	5543	237	93	5522	279
84	5607	252	96	5493	288
89	5566	267	97	5505	291
93	5563	279	--	--	--
94	5494	282	--	--	--
97	5636	291	--	--	--
100	5595	300	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5526	3	1	5.562	3
3	5591	9	2	5.499	6
5	5533	15	4	5.539	12
6	5606	18	5	5.626	15
13	5564	39	8	5.586	24
17	5612	51	10	5.502	30
22	5562	66	20	5.573	60
29	5548	87	21	5.547	63
31	5629	93	24	5.5	72
35	5579	105	29	5.522	87
36	5538	108	34	5.521	102
38	5552	114	40	5.593	120
44	5514	132	42	5.584	126
47	5580	141	44	5.592	132
48	5603	144	46	5.551	138

56	5645	168	52	5.541	156
63	5644	189	53	5.556	159
68	5559	204	56	5.51	168
69	5495	207	59	5.491	177
70	5557	210	62	5.609	186
72	5523	216	68	5.625	204
77	5605	231	70	5.529	210
81	5518	243	71	5.631	213
86	5519	258	72	5.552	216
90	5616	270	75	5.575	225
91	5531	273	76	5.637	228
92	5608	276	79	5.59	237
95	5647	285	85	5.647	255
97	5617	291	86	5.566	258
99	5577	297	87	5.582	261
100	5551	300	88	5.494	264
--	--	--	89	5.49	267
--	--	--	93	5.569	279
--	--	--	100	5.505	300

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5540	3	3	5553	9
5	5641	15	5	5490	15
7	5498	21	6	5573	18
8	5538	24	11	5511	33
10	5513	30	13	5576	39
13	5542	39	15	5562	45
17	5533	51	16	5634	48
19	5499	57	20	5501	60
20	5650	60	29	5550	87
23	5532	69	31	5595	93
25	5584	75	39	5530	117
29	5548	87	44	5639	132
30	5528	90	47	5613	141
34	5574	102	48	5581	144
37	5643	111	49	5544	147
40	5546	120	51	5574	153
41	5649	123	52	5608	156
47	5553	141	54	5506	162
49	5534	147	57	5577	171
52	5524	156	59	5513	177
54	5647	162	63	5630	189
59	5606	177	70	5627	210
64	5627	192	72	5557	216
65	5570	195	73	5560	219
67	5620	201	74	5507	222
72	5494	216	78	5493	234
77	5608	231	80	5540	240
81	5545	243	85	5571	255
83	5612	249	90	5531	270
84	5505	252	91	5556	273
87	5648	261	92	5611	276
88	5579	264	96	5637	288
90	5609	270	97	5587	291
91	5502	273	99	5536	297

94	5572	282	--	--	--
96	5497	288	--	--	--
99	5646	297	--	--	--
100	5637	300	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5595	3	5	5643	15
3	5647	9	6	5634	18
7	5602	21	7	5584	21
9	5521	27	10	5611	30
10	5613	30	12	5561	36
12	5494	36	17	5636	51
24	5625	72	22	5494	66
30	5614	90	25	5610	75
33	5605	99	31	5606	93
36	5604	108	35	5549	105
40	5568	120	37	5589	111
41	5527	123	39	5608	117
42	5606	126	40	5541	120
52	5620	156	43	5607	129
55	5629	165	45	5586	135
58	5637	174	47	5599	141
59	5616	177	49	5500	147
60	5578	180	50	5630	150
64	5496	192	58	5648	174
67	5512	201	62	5551	186
68	5584	204	67	5521	201
69	5573	207	72	5632	216
72	5550	216	76	5585	228
75	5529	225	77	5565	231
76	5532	228	78	5633	234
78	5644	234	80	5497	240
80	5553	240	81	5514	243
84	5506	252	85	5644	255
86	5530	258	86	5638	258

87	5591	261	88	5613	264
90	5603	270	89	5649	267
93	5598	279	--	--	--
95	5522	285	--	--	--
97	5624	291	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5494	3	2	5572	6
2	5496	6	4	5539	12
4	5639	12	8	5529	24
8	5607	24	9	5552	27
9	5625	27	11	5553	33
15	5565	45	12	5605	36
18	5529	54	14	5493	42
20	5548	60	18	5619	54
23	5497	69	19	5528	57
24	5602	72	22	5617	66
27	5555	81	24	5505	72
30	5490	90	29	5649	87
37	5609	111	30	5603	90
41	5615	123	31	5621	93
43	5644	129	33	5610	99
45	5618	135	42	5629	126
47	5516	141	56	5589	168
50	5550	150	57	5573	171
51	5558	153	58	5592	174
53	5556	159	61	5506	183
59	5585	177	63	5616	189
61	5580	183	67	5593	201
62	5617	186	73	5491	219
63	5508	189	79	5507	237
64	5620	192	84	5530	252
66	5499	198	90	5627	270
67	5534	201	93	5582	279
68	5629	204	94	5580	282
70	5621	210	97	5618	291
79	5640	237	98	5626	294
81	5593	243	100	5639	300
83	5630	249	--	--	--
96	5527	288	--	--	--
97	5495	291	--	--	--

99	5600	297	--	--	--
----	------	-----	----	----	----

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5580	6	2	5528	6
3	5545	9	4	5508	12
4	5551	12	11	5585	33
6	5510	18	14	5520	42
9	5538	27	18	5547	54
12	5649	36	19	5590	57
13	5559	39	20	5629	60
14	5493	42	21	5604	63
17	5601	51	22	5535	66
19	5624	57	24	5634	72
20	5603	60	27	5624	81
22	5568	66	28	5570	84
24	5621	72	29	5637	87
30	5533	90	32	5505	96
31	5638	93	35	5584	105
33	5518	99	36	5577	108
36	5641	108	44	5620	132
42	5598	126	46	5558	138
46	5558	138	47	5533	141
47	5525	141	51	5596	153
49	5615	147	52	5499	156
51	5532	153	53	5551	159
52	5503	156	54	5609	162
64	5550	192	61	5529	183
67	5570	201	69	5578	207
73	5505	219	73	5641	219
75	5506	225	76	5532	228
76	5519	228	78	5594	234
79	5626	237	80	5582	240
80	5572	240	81	5566	243
83	5549	249	83	5581	249
84	5517	252	86	5580	258

86	5613	258	89	5560	267
91	5557	273	95	5626	285
94	5605	282	99	5537	297
95	5502	285	--	--	--
97	5631	291	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5576	12	4	5563	12
7	5563	21	5	5641	15
8	5510	24	7	5594	21
12	5493	36	9	5600	27
14	5505	42	11	5502	33
18	5545	54	13	5513	39
22	5532	66	14	5542	42
23	5617	69	15	5646	45
29	5537	87	20	5555	60
32	5614	96	24	5501	72
38	5530	114	25	5521	75
40	5538	120	37	5638	111
41	5601	123	38	5557	114
43	5529	129	39	5642	117
44	5513	132	45	5517	135
45	5541	135	49	5574	147
48	5524	144	56	5499	168
49	5540	147	60	5550	180
50	5580	150	62	5611	186
52	5648	156	69	5564	207
56	5519	168	73	5518	219
58	5504	174	74	5635	222
61	5627	183	75	5520	225
63	5588	189	76	5547	228
65	5607	195	80	5525	240
67	5577	201	82	5545	246
71	5550	213	85	5592	255
74	5629	222	88	5570	264

76	5630	228	91	5528	273
78	5625	234	94	5585	282
79	5573	237	95	5599	285
80	5508	240	100	5643	300
82	5583	246	--	--	--
85	5612	255	--	--	--
87	5631	261	--	--	--
89	5548	267	--	--	--
92	5520	276	--	--	--
94	5490	282	--	--	--
97	5514	291	--	--	--
98	5501	294	--	--	--

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5587	3	3	5610	9
2	5538	6	6	5577	18
11	5605	33	8	5490	24
15	5522	45	9	5581	27
17	5565	51	10	5572	30
22	5547	66	11	5611	33
29	5615	87	15	5571	45
30	5524	90	16	5554	48
31	5512	93	18	5582	54
34	5531	102	21	5633	63
36	5595	108	25	5619	75
37	5495	111	26	5636	78
38	5575	114	36	5502	108
40	5546	120	40	5493	120
41	5499	123	43	5558	129
43	5526	129	57	5506	171
46	5574	138	60	5504	180
47	5601	141	65	5550	195
51	5554	153	67	5600	201
54	5580	162	70	5529	210
55	5553	165	72	5551	216
56	5509	168	73	5496	219
58	5644	174	75	5593	225
61	5496	183	78	5544	234
62	5609	186	80	5621	240
65	5506	195	84	5536	252
66	5519	198	85	5597	255
79	5555	237	90	5602	270
86	5640	258	91	5583	273
91	5566	273	94	5648	282
96	5507	288	100	5520	300

Radar waveform #23			Radar waveform #24		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)

Number	(MHz)		Number	(MHz)	
2	5581	6	2	5572	6
4	5582	12	5	5509	15
6	5565	18	8	5492	24
7	5631	21	11	5502	33
11	5574	33	15	5567	45
15	5524	45	20	5641	60
19	5588	57	21	5611	63
22	5602	66	24	5585	72
23	5564	69	25	5580	75
28	5638	84	29	5491	87
29	5626	87	32	5557	96
30	5537	90	40	5593	120
31	5535	93	42	5635	126
33	5522	99	44	5516	132
38	5526	114	45	5609	135
45	5558	135	48	5562	144
48	5511	144	49	5520	147
49	5629	147	50	5553	150
56	5527	168	53	5504	159
58	5551	174	55	5622	165
59	5531	177	64	5582	192
63	5584	189	65	5551	195
64	5624	192	69	5613	207
71	5580	213	73	5612	219
72	5556	216	74	5542	222
73	5633	219	75	5596	225
74	5617	222	76	5627	228
77	5630	231	78	5603	234
81	5601	243	79	5626	237
83	5506	249	82	5633	246
86	5507	258	84	5570	252
88	5514	264	85	5642	255
92	5569	276	87	5534	261
95	5561	285	88	5587	264
97	5604	291	89	5539	267
--	--	--	90	5636	270

--	--	--	93	5548	279
--	--	--	94	5543	282
--	--	--	95	5576	285

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5521	12	3	5624	9
5	5590	15	5	5630	15
6	5554	18	6	5616	18
7	5510	21	14	5596	42
9	5522	27	16	5509	48
10	5580	30	19	5589	57
12	5606	36	21	5569	63
13	5518	39	27	5643	81
14	5631	42	29	5599	87
22	5587	66	34	5557	102
24	5553	72	45	5608	135
27	5512	81	47	5614	141
30	5543	90	53	5568	159
31	5511	93	57	5619	171
33	5499	99	62	5527	186
34	5542	102	66	5516	198
35	5544	105	67	5578	201
37	5650	111	68	5558	204
41	5617	123	70	5645	210
47	5600	141	73	5503	219
56	5605	168	74	5647	222
61	5621	183	80	5648	240
63	5626	189	81	5642	243
66	5633	198	87	5650	261
69	5533	207	88	5574	264
72	5545	216	95	5507	285
80	5630	240	--	--	--
81	5547	243	--	--	--
87	5622	261	--	--	--
89	5573	267	--	--	--
99	5618	297	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5524	9	6	5525	18
4	5564	12	8	5531	24
10	5535	30	10	5641	30
14	5638	42	17	5624	51
16	5553	48	21	5612	63
18	5559	54	23	5619	69
21	5525	63	27	5644	81
23	5586	69	30	5638	90
26	5585	78	33	5501	99
32	5594	96	34	5648	102
37	5627	111	37	5524	111
38	5647	114	39	5581	117
39	5548	117	40	5643	120
40	5518	120	43	5502	129
44	5501	132	44	5578	132
45	5572	135	45	5591	135
46	5600	138	48	5626	144
48	5563	144	49	5642	147
53	5527	159	53	5511	159
55	5497	165	54	5542	162
56	5623	168	59	5540	177
57	5540	171	62	5563	186
59	5568	177	66	5560	198
66	5552	198	69	5568	207
68	5510	204	71	5583	213
70	5624	210	73	5625	219
72	5601	216	74	5631	222
73	5562	219	82	5504	246
74	5573	222	86	5647	258
76	5629	228	90	5627	270
80	5542	240	93	5640	279
83	5592	249	94	5632	282
85	5631	255	--	--	--
86	5640	258	--	--	--

87	5617	261	--	--	--
88	5534	264	--	--	--
89	5554	267	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5573	6	1	5560	3
4	5647	12	3	5529	9
18	5613	54	4	5646	12
22	5570	66	12	5641	36
24	5631	72	16	5494	48
25	5607	75	18	5623	54
28	5553	84	21	5578	63
29	5588	87	22	5557	66
34	5525	102	24	5490	72
38	5601	114	25	5636	75
39	5551	117	27	5511	81
40	5629	120	35	5515	105
41	5584	123	44	5530	132
47	5547	141	48	5535	144
48	5548	144	59	5493	177
49	5540	147	60	5551	180
52	5572	156	65	5525	195
53	5581	159	69	5550	207
54	5600	162	71	5508	213
55	5585	165	74	5589	222
59	5542	177	77	5553	231
60	5507	180	82	5626	246
61	5589	183	83	5496	249
66	5524	198	84	5622	252
67	5508	201	89	5523	267
69	5621	207	90	5505	270
70	5556	210	91	5606	273
72	5580	216	96	5531	288
73	5650	219	--	--	--
74	5500	222	--	--	--
76	5526	228	--	--	--
77	5563	231	--	--	--
78	5501	234	--	--	--
86	5579	258	--	--	--

87	5546	261	--	--	--
89	5528	267	--	--	--

11. Test Result for Off-Channel CAC

Product	AX3000 Gigabit Wi-Fi 6 Router	Temperature	27°C
Test Engineer	Fran	Relative Humidity	65%
Test Site	AC1	Test Date	2020/04/16
Test Item	Off-Channel CAC (Operating Channel 5500MHz , Off-Channel CAC Channel 5580MHz)		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5570.4	1	558	95	1
2	5570.4	1	618	86	1
3	5570.4	1	698	76	1
4	5570.4	1	658	81	1
5	5570.4	1	638	83	1
6	5570.4	1	758	70	1
7	5570.4	1	798	67	1
8	5570.4	1	718	74	1
9	5570.4	1	598	89	1
10	5570.4	1	838	63	1
11	5580.0	1	878	61	1
12	5580.0	1	858	62	1
13	5580.0	1	938	57	1
14	5580.0	1	538	98	1
15	5580.0	1	918	58	1
16	5580.0	1	741	72	1
17	5580.0	1	2221	24	1
18	5580.0	1	1799	30	1
19	5580.0	1	1321	40	1
20	5580.0	1	2692	20	1
21	5589.6	1	2251	24	1
22	5589.6	1	2621	21	1
23	5589.6	1	2688	20	1
24	5589.6	1	2280	24	1
25	5589.6	1	1892	28	1
26	5589.6	1	874	61	1

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5589.6	1	795	67	1
28	5589.6	1	1638	33	1
29	5589.6	1	1394	38	1
30	5589.6	1	713	74	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	5570.4	2.7	153	23	1
2	5570.4	3.7	185	23	1
3	5570.4	1.1	155	26	1
4	5570.4	3.3	207	26	1
5	5570.4	4.9	192	28	1
6	5570.4	4.9	153	23	1
7	5570.4	1.1	207	29	1
8	5570.4	4.1	161	23	1
9	5570.4	1.4	207	28	1
10	5570.4	1.5	203	27	1
11	5580.0	3.0	214	25	1
12	5580.0	4.8	230	28	1
13	5580.0	2.4	160	25	0
14	5580.0	4.0	183	26	0
15	5580.0	2.6	197	26	1
16	5580.0	1.2	152	29	1
17	5580.0	1.4	220	28	1
18	5580.0	1.2	156	23	1
19	5580.0	4.9	179	25	1
20	5580.0	1.1	153	24	1
21	5589.6	1.6	208	26	1
22	5589.6	2.0	208	25	1
23	5589.6	4.3	192	27	1
24	5589.6	3.9	183	27	1
25	5589.6	2.3	159	27	1
26	5589.6	2.5	168	25	1
27	5589.6	1.3	151	27	1
28	5589.6	4.8	179	28	1
29	5589.6	3.0	221	29	1
30	5589.6	3.6	205	24	0
Detection Percentage (%)					90%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5570.4	7.5	481	17	1
2	5570.4	9.4	275	18	1
3	5570.4	9.8	238	17	1
4	5570.4	8.7	416	17	1
5	5570.4	9.0	287	16	1
6	5570.4	6.9	489	17	1
7	5570.4	7.8	215	17	1
8	5570.4	7.3	462	18	1
9	5570.4	9.8	365	18	0
10	5570.4	9.7	202	16	1
11	5580.0	8.3	457	17	1
12	5580.0	8.6	301	16	1
13	5580.0	6.7	251	16	0
14	5580.0	7.4	245	16	1
15	5580.0	9.3	400	18	1
16	5580.0	6.0	300	16	1
17	5580.0	9.4	217	17	1
18	5580.0	6.9	245	18	1
19	5580.0	8.5	401	17	1
20	5580.0	9.0	298	18	1
21	5589.6	6.1	344	17	1
22	5589.6	7.3	282	18	1
23	5589.6	7.1	280	17	1
24	5589.6	8.4	218	17	1
25	5589.6	6.8	419	16	1
26	5589.6	6.2	275	17	1
27	5589.6	6.5	239	17	1
28	5589.6	7.9	298	17	1
29	5589.6	7.8	259	16	1
30	5589.6	7.8	258	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	5570.4	18.8	443	15	1
2	5570.4	11.5	254	13	1
3	5570.4	12.4	375	14	0
4	5570.4	19.9	381	14	1
5	5570.4	12.6	263	13	1
6	5570.4	17.5	350	14	1
7	5570.4	16.8	279	15	1
8	5570.4	18.1	474	15	1
9	5570.4	19.7	282	13	1
10	5570.4	11.8	271	14	0
11	5580.0	13.3	327	14	0
12	5580.0	16.2	419	16	1
13	5580.0	13.9	200	12	1
14	5580.0	11.6	334	13	1
15	5580.0	11.8	376	13	1
16	5580.0	16.2	492	16	1
17	5580.0	12.9	273	16	1
18	5580.0	11.0	345	13	1
19	5580.0	17.1	404	16	1
20	5580.0	17.9	216	15	1
21	5589.6	17.6	237	14	1
22	5589.6	16.7	352	13	1
23	5589.6	13.8	394	14	1
24	5589.6	18.4	450	15	1
25	5589.6	18.9	467	16	1
26	5589.6	11.2	219	13	1
27	5589.6	16.0	283	14	1
28	5589.6	12.5	357	14	1
29	5589.6	15.3	287	14	1
30	5589.6	18.9	209	16	1
Detection Percentage (%)					90%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 90\% + 93.3\% + 90\%) / 4 = 93.3\% (>80\%)$

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	5580.0	1	16	5575.2	1
2	5580.0	1	17	5577.2	1
3	5580.0	1	18	5576.0	1
4	5580.0	1	19	5574.8	1
5	5580.0	1	20	5578.4	1
6	5580.0	1	21	5587.6	1
7	5580.0	1	22	5587.6	1
8	5580.0	1	23	5585.6	1
9	5580.0	1	24	5586.0	1
10	5580.0	1	25	5582.0	1
11	5575.6	1	26	5586.4	1
12	5578.4	1	27	5585.6	0
13	5573.6	1	28	5582.8	1
14	5577.6	1	29	5584.4	1
15	5575.6	1	30	5582.4	1
Detection Percentage (%)					96.7%

Type 5 Radar Waveform_1						
Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	96.7	16	1130	1300	147.519
2	2	98.2	16	1517		305.128
3	1	96.5	16			357.692
4	2	97.8	16	1601		298.373
5	2	87.6	16	1891		574.154
6	3	60.1	16	1464	1638	218.995
7	1	72.5	16			271.696
8	2	94.2	16	1651		507.427
9	1	74.6	16			361.918
10	3	85	16	1968	1699	181.709
11	1	68.5	16			422.831
12	3	72.9	16	1308	1127	149.612
13	2	96.1	16	1711		538.183
14	3	80	16	1304	1351	224.304
15	2	83.7	16	1650		160.905
16	2	93.8	16	1004		220.756
17	1	79.9	16			513.437
18	3	93.4	16	1305	1166	303.558
19	3	56.4	16	1220	1074	113.979

Type 5 Radar Waveform_2

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	56.9	6	1102		526.333
2	2	98.8	6	1588		73.234
3	2	73.1	6	1932		836.896
4	2	64	6	1163		862.029
5	3	85.6	6	1675	1256	322.852
6	3	54.6	6	1342	1629	836.735
7	2	81.6	6	1854		137.168
8	2	56.2	6	1347		837.182
9	1	62.1	6			766.905
10	3	67.3	6	1533	1660	449.398
11	2	90.9	6	1331		785.631
12	1	96.6	6			185.554
13	2	56.5	6	1321		689.477

Type 5 Radar Waveform_3

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	88.7	6			313.979
2	2	80.1	6	1351		634.318
3	2	57.9	6	1457		16.015
4	2	68.7	6	1351		446.353
5	1	70.2	6			640.661
6	2	92.1	6	1632		211.608
7	2	80.3	6	1288		328.176
8	2	78.8	6	1439		235.944
9	1	99.8	6			456.061
10	2	74.9	6	1559		452.069
11	2	84.4	6	1596		378.336
12	3	56.2	6	1199	1174	118.634
13	2	64.5	6	1959		392.212
14	1	68.9	6			303.079
15	3	67.6	6	1030	1397	244.147
16	1	77.3	6			522.665
17	2	64.6	6	1880		96.182

Type 5 Radar Waveform_4

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	71.8	19	1322		343.301
2	3	79	19	1332	1381	465.11
3	2	60.6	19	1210		15.73
4	2	70	19	1790		453.92
5	2	60.9	19	1271		362.35
6	2	75.6	19	1484		544.1
7	2	86.6	19	1470		256.08
8	3	92.6	19	1570	1967	337.79
9	2	99.5	19	1598		73.75
10	3	85.2	19	1811	1842	268.97
11	2	78.9	19	1893		448.33
12	3	70.5	19	1978	1459	196.2
13	3	81.1	19	1781	1946	569.26
14	3	54.9	19	1450	1561	36.85
15	3	92.9	19	1646	1164	218.02
16	3	83.9	19	1854	1053	141.14
17	2	98.1	19	1321		173.62
18	2	91.5	19	1678		341.4
19	1	61.7	19			161.3
20	2	58.6	19	1501		63.1

Type 5 Radar Waveform_5

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	69.5	15	1010	1183	264.696
2	2	92.1	15	1943		780.3
3	1	53.2	15			226.49
4	2	55	15	1275		327.53
5	3	80.3	15	1714	1099	17.85
6	3	79.1	15	1340	1010	107.47
7	3	93.4	15	1909	1930	88.2
8	3	94.5	15	1696	1646	625.82
9	2	55.4	15	1740		691.61
10	3	82.3	15	1689	1329	485.83
11	2	64.2	15	1019		669.95
12	1	88.2	15			450.47
13	2	79.5	15	1167		780.8
14	2	75.9	15	1453		534.3
15	2	81.5	15	1928		769.9

Type 5 Radar Waveform_6

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	67.1	13	1164		331.232
2	2	93.2	13	1282		613.571
3	2	87.5	13	1963		705.012
4	2	75.4	13	1707		887.363
5	2	68.7	13	1231		904.194
6	2	63.5	13	1019		423.905
7	1	84.3	13			652.485
8	2	74.6	13	1311		742.966
9	1	68.4	13			731.037
10	2	83.2	13	1369		262.818
11	2	66.7	13	1497		1009.909

Type 5 Radar Waveform_7

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	68.3	6			874.683
2	2	68	6	1496		62.858
3	1	61.2	6			759.266
4	2	62.5	6	1192		413.739
5	2	54.2	6	1893		833.222
6	2	64.7	6	1451		208.315
7	2	99.7	6	1035		717.018
8	1	67	6			153.942
9	1	67.9	6			606.065
10	3	99.7	6	1767	1918	346.028
11	3	96.2	6	1811	1327	603.441
12	2	79.3	6	1773		240.154
13	2	89.2	6	1314		602.177

Type 5 Radar Waveform_8

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	84.2	19			672.547
2	1	60.6	19			289.863
3	2	55.3	19	1693		378.586
4	3	68.5	19	1493	1035	908.669
5	2	82	19	1001		498.742
6	2	54.5	19	1180		428.025
7	2	55	19	1051		460.128
8	2	58.6	19	1499		103.522
9	1	74.8	19			134.875
10	1	66.2	19			636.568
11	3	83.6	19	1641	1587	63.211
12	1	58.1	19			566.354
13	2	92.4	19	1524		508.577

Type 5 Radar Waveform_9

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	71.6	17			148.68
2	2	93.5	17	1249		1218.257
3	3	67.2	17	1876	1492	220.883
4	2	60.8	17	1440		776.26
5	3	63.4	17	1280	1091	927.637
6	3	79.9	17	1459	1076	540.963
7	2	86.5	17	1556		720.29
8	2	67.7	17	1402		90.657
9	2	57.3	17	1602		634.833

Type 5 Radar Waveform_10

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	70.3	16	1409		90.796
2	1	87.2	16			461.77
3	2	63.7	16	1212		280.12
4	2	82	16	1503		362.03
5	2	67.9	16	1885		580.03
6	2	65.4	16	1396		423.99
7	1	61.1	16			390.09
8	3	61	16	1044	1560	372.88
9	1	50.3	16			152.99
10	2	66.6	16	1458		357.91
11	3	65.9	16	1143	1954	30.2
12	2	81.4	16	1115		357.51
13	3	78.8	16	1531	1929	241.78
14	2	59.6	16	1709		473.67
15	2	55.3	16	1948		91.36
16	3	58.6	16	1284	1561	422.17
17	1	86	16			509
18	3	56.4	16	1044	1132	218.4
19	3	86.2	16	1927	1292	184.4
20	2	52.1	16	1993		486

Type 5 Radar Waveform_11

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	52.9	13	1878		367.557
2	1	98.5	13			795.897
3	1	95.5	13			334.164
4	2	90.1	13	1724		741.021
5	2	64.6	13	1995		617.349
6	3	64.7	13	1754	1806	100.486
7	2	90.3	13	1815		311.993
8	2	53.3	13	1982		585.81
9	2	73.9	13	1699		652.907
10	2	67	13	1184		766.194
11	3	91.7	13	1425	1461	460.961
12	1	95.7	13			397.699
13	3	66.2	13	1759	1744	513.786
14	2	94.4	13	1631		761.943

Type 5 Radar Waveform_12

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	81.8	20	1597		934.423
2	2	96.4	20	1590		1168.03
3	3	93.7	20	1557	1952	25.87
4	1	81.8	20			349.07
5	1	84.5	20			510.67
6	2	57.3	20	1597		591.99
7	2	54.3	20	1320		630.48
8	3	71.4	20	1774	1115	684.76
9	2	82.1	20	1538		167
10	2	97	20	1469		742.3

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	84.5	8	1152		479.931
2	2	92	8	1987		225.206
3	1	83	8			479.977
4	3	99.4	8	1895	1981	196.44
5	2	91.2	8	1361		189.353
6	1	59.3	8			131.677
7	2	79.1	8	1323		250.12
8	2	82.7	8	1129		614.303
9	1	63.3	8			605.887
10	2	85.5	8	1739		451.69
11	2	87.2	8	1860		130.623
12	1	98.2	8			158.127
13	2	72.6	8	1326		459.05
14	1	69.9	8			319.573
15	2	56.6	8	1325		246.327
16	3	97.8	8	1555	1926	183.3
17	1	67.6	8			55.733
18	2	90.4	8	1159		629.667

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	2	86.6	18	1540		114.403
2	2	95.4	18	1154		714.353
3	2	52.6	18	1871		252.756
4	1	78.7	18			43.529
5	1	66	18			160.442
6	2	87.3	18	1928		485.055
7	1	53.4	18			568.898
8	2	96.9	18	1005		612.252
9	1	98.8	18			21.855
10	3	93.6	18	1043	1093	716.738
11	2	52.1	18	1805		181.431
12	3	56.5	18	1827	1374	621.154
13	1	58.7	18			408.877

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	1	81.5	13			91.507
2	1	57.3	13			127.937
3	3	84.7	13	1962	1221	20.917
4	2	79.3	13	1583		534.77
5	1	99.1	13			345.153
6	3	89.1	13	1831	1029	418.057
7	2	88.6	13	1528		28.46
8	3	53.9	13	1522	1630	369.453
9	1	91.5	13			321.507
10	2	94.3	13	1586		535.65
11	3	84.4	13	1593	1925	562.283
12	3	88.2	13	1612	1469	460.327
13	2	93.8	13	1633		45.99
14	1	94.8	13			250.473
15	2	88.6	13	1355		476.897
16	3	71.6	13	1276	1491	545
17	2	89	13	1154		352.333
18	1	83.7	13			295.667

Type 5 Radar Waveform_16

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	99.1	12	1288		887.632
2	1	50.4	12			488.11
3	3	65.9	12	1264	1229	839.61
4	2	94.9	12	1099		705.15
5	2	76.7	12	1739		425.25
6	2	55.7	12	1253		691.52
7	1	59.9	12			835.89
8	2	64	12	1376		597.89
9	2	69.7	12	1420		606.2
10	2	71.3	12	1856		801.8

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	1	80.9	17			777.061
2	1	50.9	17			114.275
3	3	57.2	17	1250	1960	681.384
4	2	88.4	17	1607		830.501
5	3	91.3	17	1165	1302	138.019
6	1	96.3	17			157.656
7	3	80.6	17	1168	1500	301.293
8	3	70.2	17	1752	1332	295.69
9	2	52.3	17	1819		535.047
10	2	60.4	17	1752		728.004
11	2	75.3	17	1959		48.781
12	2	95	17	1875		420.639
13	2	58	17	1049		283.486
14	2	58.2	17	1632		606.843

Type 5 Radar Waveform_18

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	75.1	14	1945	1298	491.102
2	3	70.5	14	1911	1069	160.42
3	3	73	14	1597	1234	49.61
4	1	91.5	14			451.36
5	1	94.4	14			1402.87
6	2	88.9	14	1489		581.64
7	3	72.8	14	1108	1270	165.11
8	2	56.8	14	1848		1384.7

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	3	55.1	11	1898	1653	399.023
2	1	77.3	11			432.708
3	2	96.5	11	1115		388.165
4	2	82.3	11	1616		667.283
5	1	89.3	11			262.591
6	2	73.9	11	1054		685.428
7	1	53.4	11			637.576
8	2	97.7	11	1940		359.264
9	2	68.5	11	1647		168.201
10	1	69.4	11			526.239
11	2	69.5	11	1168		506.806
12	2	89.9	11	1870		646.284
13	2	67	11	1723		288.432
14	1	50.6	11			425.139
15	2	95.8	11	1619		29.297
16	1	59.5	11			236.065
17	1	80	11			533.582

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	77.5	20			714.289
2	3	50.5	20	1970	1137	211.473
3	2	75.1	20	1069		388.566
4	3	56.7	20	1679	1603	111.179
5	2	70.7	20	1248		573.232
6	1	76.4	20			561.025
7	2	64.5	20	1923		50.168
8	3	81.4	20	1255	1774	717.502
9	3	77.2	20	1641	1107	411.255
10	2	76.7	20	1236		860.898
11	1	51.4	20			269.751
12	1	84.7	20			891.954
13	2	58.1	20	1722		495.377

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	69.9	5	1051		68.923
2	2	98.9	5	1709		124.268
3	2	80.6	5	1702		74.614
4	2	65.5	5	1314		33.521
5	2	97	5	1074		278.869
6	3	72.2	5	1085	1131	642.526
7	1	50	5			158.063
8	2	50.2	5	1244		831.78
9	2	91.6	5	1913		576.117
10	1	91	5			260.674
11	3	59.6	5	1816	1977	97.031
12	2	70.3	5	1664		715.129
13	2	57.6	5	1877		184.086
14	1	52.5	5			550.443

Type 5 Radar Waveform_22

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	1	83.3	5			671.447
2	3	99.6	5	1671	1248	556.92
3	2	96.7	5	1358		211.73
4	2	50.1	5	1289		1147.16
5	1	55	5			1298.69
6	3	53	5	1475	1666	165.5
7	2	81	5	1415		1441.3
8	2	84	5	1881		396

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	66.1	10	1925		815.915
2	2	60.1	10	1430		189.653
3	3	82.6	10	1799	1343	404.746
4	1	69.3	10			743.999
5	2	93.4	10	1006		754.652
6	1	96.6	10			636.385
7	2	54.8	10	1327		618.808
8	2	96.8	10	1940		106.952
9	2	53.7	10	1690		585.435
10	2	62.4	10	1924		24.288
11	1	60	10			213.051
12	2	62.8	10	1432		574.154
13	3	58.3	10	1285	1639	755.977

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	57.9	9	1457	1942	559.886
2	1	96.8	9			1296.8
3	3	86.4	9	1722	1878	989.81
4	1	72.3	9			414.9
5	1	60.1	9			116.65
6	2	100	9	1697		1024.16
7	3	65.2	9	1534	1597	477.09
8	3	80.7	9	1587	1277	1003.2

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	2	92.1	19	1376		985.473
2	3	75.3	19	1277	1798	147.061
3	1	73.6	19			801.752
4	2	53	19	1453		976.133
5	1	53.6	19			950.414
6	1	56.6	19			654.415
7	3	89.4	19	1551	1079	101.485
8	1	73.6	19			569.226
9	1	96.5	19			629.707
10	2	59.7	19	1499		1061.518
11	2	60.3	19	1305		707.109

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	3	74.3	8	1690	1058	282.636
2	3	67.5	8	1294	1089	754.811
3	2	60.9	8	1634		636.632
4	2	99.4	8	1819		225.323
5	2	82.4	8	1092		951.814
6	2	88.9	8	1925		936.435
7	3	50	8	1687	1191	278.905
8	3	72.7	8	1365	1315	150.636
9	1	75.7	8			847.147
10	2	50.8	8	1351		294.718
11	2	74.2	8	1534		283.209

Type 5 Radar Waveform_27

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	50.2	10	1188		790.759
2	1	60.1	10			847.73
3	2	60.4	10	1850		577.34
4	2	57.4	10	1965		36.34
5	3	95.7	10	1237	1188	516.82
6	1	60.4	10			514.62
7	2	90.7	10	1462		440.04
8	2	95.3	10	1787		246.87
9	3	57.2	10	1335	1356	115.63
10	1	71.7	10			862.59
11	2	94.2	10	1814		19.6
12	1	66.9	10			322.6

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	97.7	17	1538		826.581
2	1	75.8	17			725.737
3	3	85.7	17	1872	1233	683.804
4	2	62.7	17	1095		765.061
5	2	91.2	17	1376		647.579
6	2	84.7	17	1723		801.816
7	2	80.9	17	1223		635.393
8	2	87.5	17	1056		20.35
9	2	97.7	17	1502		479.757
10	2	61.5	17	1100		731.014
11	1	64.9	17			744.581
12	2	91.4	17	1305		103.949
13	2	75.3	17	1839		64.086
14	3	96.8	17	1092	1446	291.843

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	2	71.9	13	1609		1068.56
2	1	66.3	13			263.927
3	3	93.7	13	1230	1649	381.803
4	1	62.8	13			498.3
5	3	90.6	13	1660	1222	409.117
6	1	51.4	13			502.923
7	2	93.9	13	1328		64.56
8	1	74.7	13			460.797
9	3	86.5	13	1150	1934	818.433

Type 5 Radar Waveform_30

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	2	56.2	18	1809		871.557
2	3	65.4	18	1611	1097	101.293
3	2	74.3	18	1187		769.706
4	2	61	18	1806		643.789
5	3	71.4	18	1534	1527	672.232
6	2	62	18	1970		234.865
7	2	67.5	18	1526		181.698
8	3	93.3	18	1635	1331	124.722
9	2	62.3	18	1978		648.685
10	2	73.9	18	1724		332.938
11	2	74	18	1074		68.071
12	2	98.9	18	1448		763.454
13	1	87	18			644.077

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	5570.4	1	16	5580.0	1
2	5570.4	1	17	5580.0	1
3	5570.4	1	18	5580.0	1
4	5570.4	1	19	5580.0	1
5	5570.4	1	20	5580.0	1
6	5570.4	1	21	5589.6	1
7	5570.4	1	22	5589.6	1
8	5570.4	1	23	5589.6	1
9	5570.4	1	24	5589.6	1
10	5570.4	1	25	5589.6	1
11	5580.0	1	26	5589.6	1
12	5580.0	1	27	5589.6	1
13	5580.0	1	28	5589.6	1
14	5580.0	1	29	5589.6	1
15	5580.0	1	30	5589.6	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
41	5576	123	21	5589	63
53	5582	159	29	5582	87
55	5579	165	35	5583	105
56	5577	168	58	5570	174
65	5574	195	61	5587	183

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5570	9	17	5590	51
23	5578	69	85	5583	255
32	5582	96	--	--	--
64	5588	192	--	--	--
79	5587	237	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
73	5585	219	6	5573	18
83	5575	249	15	5578	45
--	--	--	29	5572	87
--	--	--	38	5571	114
--	--	--	64	5581	192

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
37	5587	111	9	5578	27
40	5573	120	21	5571	63
41	5577	123	26	5580	78
54	5588	162	70	5586	210
82	5584	246	75	5570	225
83	5576	249	93	5587	279
--	--	--	100	5583	300

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
31	5588	93	23	5572	69
38	5576	114	90	5577	270
42	5583	126	100	5579	300
51	5574	153	--	--	--
58	5577	174	--	--	--
69	5575	207	--	--	--
72	5581	216	--	--	--
96	5573	288	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Frequency (MHz)	Hopping Number	Pulse Start (ms)
1	5578	3	6	5578	18
9	5582	27	50	5589	150
13	5581	39	54	5577	162
19	5575	57	71	5582	213
21	5570	63	76	5587	228
24	5580	72	--	--	--
62	5579	186	--	--	--
85	5587	255	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
16	5577	48	19	5572	57
17	5579	51	44	5577	132
39	5573	117	84	5589	252
66	5584	198	88	5570	264
75	5582	225	91	5579	273

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5588	39	35	5586	105
20	5573	60	100	5581	300
39	5578	117	--	--	--
44	5590	132	--	--	--
79	5576	237	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
19	5578	57	44	5570	132
29	5573	87	50	5576	150
59	5577	177	--	--	--
60	5572	180	--	--	--
85	5586	255	--	--	--
94	5576	282	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5575	39	15	5576	45
44	5571	132	30	5580	90
61	5577	183	54	5586	162
--	--	--	58	5573	174
--	--	--	80	5590	240

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
29	5580	87	1	5584	3
41	5576	123	9	5585	27
82	5572	246	60	5589	180
95	5589	285	79	5587	237
--	--	--	81	5581	243
--	--	--	87	5575	261

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5575	36	5	5574	15
24	5581	72	23	5580	69
44	5589	132	44	5590	132
49	5585	147	49	5586	147
66	5577	198	52	5571	156
--	--	--	60	5576	180

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
26	5570	78	14	5581	42
87	5586	261	16	5576	48
--	--	--	60	5575	180

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5588	9	3	5576	9
7	5578	21	11	5580	33
29	5576	87	29	5583	87
63	5589	189	34	5577	102
86	5585	258	59	5578	177

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
53	5588	159	22	5587	66
96	5586	288	43	5588	129
--	--	--	90	5580	270
--	--	--	97	5589	291
--	--	--	98	5577	294

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