



### Type 5 Radar Waveform\_26

Num of Bursts = 13  
Burst Interval (us) = 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	685737	2	18	70	1230	1218	0	685737	0	923076
2	630224	1	18	70	1915	0	0	1318409	923077	1846153
3	813603	3	18	55	1159	1925	1707	2133927	1846154	2769230
4	903632	1	18	95	1460	0	0	3042350	2769231	3692307
5	1246567	2	18	70	1087	1501	0	4290377	3692308	4615384
6	1217951	1	18	75	1670	0	0	5510916	4615385	5538461
7	683459	2	18	85	1305	1633	0	6196045	5538462	6461538
8	366105	1	18	95	1259	0	0	6565088	6461539	7384615
9	1007047	2	18	55	1661	1361	0	7573394	7384616	8307692
10	1316135	2	18	80	1143	1878	0	8892551	8307693	9230769
11	1187457	3	18	50	1605	1738	1198	10083029	9230770	10153846
12	954185	2	18	60	1893	1188	0	11041755	10153847	11076923
13	293640	1	18	50	1521	0	0	11338476	11076924	12000000

Total number of pulses in waveform = 23  
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### Type 5 Radar Waveform\_27

Num of Bursts = 20  
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	521017	2	19	100	1274	1256	0	521017	0	599999
2	232560	3	19	100	1790	2000	1156	756107	600000	1199999
3	869668	2	19	80	1341	1045	0	1630921	1200000	1799999
4	469964	1	19	55	1500	0	0	2103271	1800000	2399999
5	531042	2	19	50	1666	1833	0	2635813	2400000	2999999
6	453375	3	19	75	1650	1811	1040	3092687	3000000	3599999
7	702959	2	19	60	1729	1613	0	3800147	3600000	4199999
8	466502	3	19	100	1622	1873	1610	4269991	4200000	4799999
9	780535	3	19	55	1140	1480	1866	5055631	4800000	5399999
10	841285	3	19	80	1470	1327	1620	5901402	5400000	5999999
11	611920	3	19	90	1619	1867	1108	6517739	6000000	6599999
12	556616	3	19	70	1951	1714	1358	7078949	6600000	7199999
13	463234	3	19	70	1720	1688	1152	7547206	7200000	7799999
14	662355	1	19	90	1099	0	0	8214121	7800000	8399999
15	313338	2	19	60	1066	1115	0	8528558	8400000	8999999
16	870301	1	19	100	1917	0	0	9401040	9000000	9599999
17	719050	2	19	80	1263	1888	0	10122007	9600000	10199999
18	356246	1	19	50	1997	0	0	10481404	10200000	10799999
19	867082	2	19	60	1024	1789	0	11350483	10800000	11399999
20	327022	3	19	60	1697	1244	1421	11680318	11400000	11999999

Total number of pulses in waveform = 45  
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### Type 5 Radar Waveform\_28

Num of Bursts = 20  
Burst Interval (us) = 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	192166	2	6	95	1084	1956	0	192166	0	599999
2	873653	3	6	80	1166	1632	1401	1068859	600000	1199999
3	249937	3	6	100	1169	1904	1309	1322995	1200000	1799999
4	715630	2	6	70	1811	1394	0	2043007	1800000	2399999
5	928294	3	6	65	1380	1888	1196	2974506	2400000	2999999
6	567802	1	6	55	1079	0	0	3546772	3000000	3599999
7	112965	1	6	80	1016	0	0	3660816	3600000	4199999
8	629362	3	6	95	1778	1420	1605	4291194	4200000	4799999
9	620526	3	6	75	1416	1324	1753	4916523	4800000	5399999
10	1019348	1	6	50	1358	0	0	5940364	5400000	5999999
11	621589	2	6	55	1072	1267	0	6563311	6000000	6599999
12	235394	1	6	60	1550	0	0	6801044	6600000	7199999
13	494104	1	6	55	1161	0	0	7296698	7200000	7799999
14	857163	2	6	100	1776	1603	0	8155022	7800000	8399999
15	595236	2	6	50	1612	1495	0	8753637	8400000	8999999
16	641460	3	6	90	1591	1604	1004	9398204	9000000	9599999
17	266366	2	6	85	1842	1302	0	9668769	9600000	10199999
18	684870	1	6	75	1542	0	0	10356783	10200000	10799999
19	920491	2	6	95	1412	1010	0	11278816	10800000	11399999
20	219586	2	6	55	1611	1963	0	11500824	11400000	11999999

Total number of pulses in waveform = 40  
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### Type 5 Radar Waveform\_29

Num of Bursts = 17  
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	379051	2	8	75	1317	1936	0	379051	0	705881
2	1001596	1	8	80	1428	0	0	1383900	705882	1411763
3	151250	3	8	95	1431	1242	1732	1536578	1411764	2117645
4	1249183	1	8	80	1740	0	0	2790166	2117646	2823527
5	294913	3	8	70	1840	1386	1943	3086819	2823528	3529409
6	1083717	3	8	85	1813	1073	1122	4175705	3529410	4235291
7	418337	2	8	75	1160	1539	0	4598050	4235292	4941173
8	432509	2	8	60	1922	1775	0	5033258	4941174	5647055
9	1139202	3	8	90	1039	1894	1222	6176157	5647056	6352937
10	377603	1	8	75	1299	0	0	6557915	6352938	7058819
11	744918	1	8	75	1340	0	0	7304132	7058820	7764701
12	811091	2	8	70	1949	1515	0	8116563	7764702	8470583
13	920681	3	8	85	1617	1225	1600	9040708	8470584	9176465
14	650214	2	8	85	1538	1122	0	9695364	9176466	9882347
15	842914	2	8	55	1809	1497	0	10540938	9882348	10588229
16	628602	1	8	100	1935	0	0	11172846	10588230	11294111
17	493097	3	8	55	1629	1950	1644	11667878	11294112	11999993

Total number of pulses in waveform = 35  
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### Type 5 Radar Waveform\_30

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	841167	1	14	65	1695	0	0	841167	0	1090908
2	529875	3	14	80	1870	1575	1856	1372737	1090909	2181817
3	1135445	3	14	55	1154	1518	1944	2513483	2181818	3272726
4	1426382	3	14	90	1407	1879	1070	3944481	3272727	4363635
5	882071	3	14	75	1547	1269	1275	4830908	4363636	5454544
6	937122	2	14	95	1288	1832	0	5772121	5454545	6545453
7	955127	1	14	95	1947	0	0	6730368	6545454	7636362
8	1938565	3	14	95	1733	1646	1979	8670880	7636363	8727271
9	337850	2	14	70	1501	1872	0	9014088	8727272	9818180
10	1554627	2	14	100	1534	1313	0	10572088	9818181	10909089
11	430222	3	14	80	1272	1304	1477	11005157	10909090	11999998

Total number of pulses in waveform = 26  
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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)
4	5491	12	2	5478	6
10	5468	30	5	5464	15
13	5470	39	7	5474	21
23	5504	69	9	5500	27
33	5520	99	13	5498	39
37	5500	111	16	5479	48
41	5488	123	25	5463	75
48	5521	144	26	5484	78
72	5484	216	27	5469	81
80	5495	240	28	5485	84
91	5498	273	29	5508	87
93	5490	279	30	5496	90
94	5472	282	43	5472	129
--	--	--	44	5516	132
--	--	--	51	5507	153
--	--	--	59	5473	177
--	--	--	61	5462	183
--	--	--	65	5517	195
--	--	--	68	5490	204
--	--	--	89	5489	267

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5512	6	4	5508	12
35	5498	105	8	5515	24
40	5527	120	9	5493	27
45	5509	135	13	5473	39
46	5510	138	16	5503	48
55	5491	165	18	5524	54
76	5499	228	19	5501	57
97	5520	291	27	5496	81
98	5528	294	46	5527	138
--	--	--	51	5513	153
--	--	--	54	5499	162
--	--	--	58	5521	174
--	--	--	65	5506	195
--	--	--	77	5498	231
--	--	--	79	5509	237
--	--	--	83	5476	249
--	--	--	85	5481	255
--	--	--	86	5500	258
--	--	--	90	5526	270
--	--	--	93	5495	279
--	--	--	98	5491	294

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5497	33	1	5526	3
14	5512	42	9	5516	27
29	5479	87	12	5491	36
31	5495	93	42	5519	126
34	5513	102	48	5532	144
38	5530	114	51	5527	153
46	5498	138	52	5479	156
57	5499	171	54	5498	162
58	5532	174	59	5502	177
59	5490	177	61	5486	183
62	5493	186	77	5525	231
68	5483	204	90	5534	270
76	5525	228	97	5523	291
90	5531	270	98	5513	294

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5489	9	7	5536	21
28	5484	84	8	5519	24
45	5512	135	12	5503	36
65	5529	195	16	5494	48
76	5506	228	17	5490	51
79	5522	237	27	5531	81
94	5508	282	29	5530	87
--	--	--	30	5508	90
--	--	--	39	5538	117
--	--	--	52	5504	156
--	--	--	58	5539	174
--	--	--	64	5525	192
--	--	--	65	5497	195
--	--	--	72	5480	216
--	--	--	74	5500	222
--	--	--	78	5498	234
--	--	--	82	5524	246
--	--	--	85	5506	255



Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5522	6	1	5483	3
5	5499	15	27	5493	81
9	5525	27	63	5517	189
18	5502	54	65	5539	195
23	5524	69	66	5526	198
27	5483	81	71	5537	213
28	5514	84	84	5530	252
37	5528	111	86	5533	258
39	5523	117	87	5508	261
41	5505	123	98	5541	294
47	5492	141	--	--	--
58	5539	174	--	--	--
63	5534	189	--	--	--
88	5508	264	--	--	--
94	5495	282	--	--	--
97	5484	291	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
17	5523	51	4	5508	12
27	5500	81	27	5512	81
31	5548	93	47	5540	141
35	5513	105	74	5522	222
38	5542	114	88	5542	264
48	5510	144	--	--	--
54	5516	162	--	--	--
67	5539	201	--	--	--
74	5541	222	--	--	--
85	5511	255	--	--	--
87	5544	261	--	--	--
88	5494	264	--	--	--
98	5526	294	--	--	--





Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5534	30	2	5536	6
13	5519	39	10	5553	30
56	5499	168	13	5511	39
58	5549	174	33	5532	99
66	5516	198	41	5551	123
75	5542	225	55	5522	165
88	5515	264	56	5500	168
95	5509	285	65	5540	195
98	5556	294	72	5550	216
--	--	--	88	5499	264
--	--	--	95	5542	285
--	--	--	97	5512	291

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5502	9	15	5500	45
16	5535	48	18	5560	54
19	5509	57	19	5548	57
26	5531	78	30	5538	90
36	5501	108	77	5542	231
38	5507	114	78	5503	234
40	5540	120	79	5551	237
46	5554	138	81	5549	243
50	5547	150	93	5539	279
55	5518	165	--	--	--
58	5553	174	--	--	--
60	5529	180	--	--	--
70	5528	210	--	--	--
77	5544	231	--	--	--
80	5546	240	--	--	--
91	5519	273	--	--	--



Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5539	18	5	5511	15
9	5551	27	6	5552	18
12	5540	36	26	5541	78
13	5553	39	33	5522	99
50	5555	150	45	5533	135
53	5557	159	47	5558	141
57	5509	171	65	5510	195
68	5519	204	70	5508	210
71	5552	213	71	5505	213
90	5542	270	76	5517	228
92	5504	276	86	5553	258
95	5541	285	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
15	5529	45	0	5547	0
28	5532	84	14	5562	42
30	5550	90	20	5550	60
35	5558	105	27	5510	81
46	5510	138	37	5543	111
62	5566	186	64	5563	192
63	5519	189	69	5551	207
72	5570	216	70	5555	210
96	5513	288	72	5545	216
99	5563	297	73	5517	219
--	--	--	84	5525	252
--	--	--	88	5523	264
--	--	--	89	5559	267



Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5577	30	16	5541	48
17	5551	51	29	5559	87
22	5532	66	30	5534	90
23	5543	69	34	5546	102
30	5544	90	35	5531	105
33	5570	99	40	5545	120
42	5560	126	69	5526	207
54	5556	162	82	5564	246
63	5548	189	91	5535	273
--	--	--	97	5524	291
--	--	--	98	5525	294

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5564	12	4	5553	12
13	5561	39	5	5526	15
24	5572	72	22	5565	66
27	5549	81	29	5554	87
34	5575	102	34	5522	102
40	5560	120	35	5571	105
53	5557	159	54	5540	162
55	5543	165	63	5524	189
59	5551	177	83	5572	249
69	5568	207	88	5533	264
71	5558	213	99	5562	297
72	5550	216	--	--	--
77	5555	231	--	--	--



Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
23	5522	69	1	5543	3
24	5577	72	12	5541	36
28	5550	84	17	5539	51
74	5525	222	21	5523	63
75	5533	225	26	5522	78
76	5527	228	28	5570	84
82	5566	246	33	5573	99
83	5534	249	38	5565	114
95	5530	285	55	5524	165
--	--	--	64	5579	192
--	--	--	68	5526	204
--	--	--	77	5551	231
--	--	--	81	5530	243
--	--	--	89	5563	267
--	--	--	96	5555	288
--	--	--	98	5578	294



Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5558	3	0	5534	0
5	5563	15	13	5561	39
9	5587	27	14	5577	42
14	5576	42	18	5571	54
19	5533	57	20	5569	60
41	5542	123	29	5540	87
44	5537	132	33	5550	99
53	5566	159	44	5589	132
64	5532	192	48	5587	144
68	5590	204	52	5579	156
90	5549	270	61	5530	183
99	5541	297	63	5549	189
--	--	--	64	5588	192
--	--	--	69	5548	207
--	--	--	84	5586	252
--	--	--	87	5538	261
--	--	--	89	5536	267
--	--	--	93	5566	279
--	--	--	95	5567	285

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5578	3	20	5565	60
6	5557	18	27	5596	81
24	5595	72	34	5568	102
27	5552	81	51	5558	153
30	5560	90	57	5589	171
50	5568	150	60	5563	180
55	5565	165	63	5544	189
62	5588	186	80	5584	240
66	5574	198	81	5560	243
71	5571	213	--	--	--
87	5581	261	--	--	--
91	5573	273	--	--	--
98	5577	294	--	--	--



Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	27°C
Test Engineer	Amy Zhang	Relative Humidity	65%
Test Site	SR5	Test Date	2018/08/27
Test Item	Radar Statistical Performance Check (802.11ax-VHT160 mode – 5250MHz)		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5250	1	618	86	1
2	5250	1	878	61	1
3	5260	1	798	67	1
4	5260	1	578	92	1
5	5268	1	778	68	1
6	5268	1	758	70	1
7	5270	1	658	81	1
8	5270	1	638	83	1
9	5272	1	898	59	1
10	5272	1	598	89	1
11	5280	1	518	102	1
12	5280	1	938	57	1
13	5288	1	818	65	1
14	5288	1	3066	18	1
15	5290	1	678	78	1
16	5290	1	991	54	1
17	5292	1	2579	21	1
18	5292	1	819	65	1
19	5300	1	1033	52	1
20	5300	1	1813	30	1
21	5308	1	1756	31	1
22	5308	1	1519	35	1
23	5310	1	945	56	1
24	5310	1	2335	23	1
25	5312	1	2234	24	1
26	5312	1	2287	24	1



Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5320	1	2815	19	1
28	5320	1	565	94	1
29	5329	1	931	57	1
30	5329	1	2416	22	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	5250	2.6	174	27	1
2	5250	3.0	191	23	1
3	5260	2.3	203	24	1
4	5260	3.3	150	27	1
5	5268	1.1	152	26	1
6	5268	2.4	180	28	1
7	5270	3.0	217	25	1
8	5270	3.7	183	23	1
9	5272	4.8	225	27	1
10	5272	2.7	219	29	1
11	5280	4.6	205	26	1
12	5280	5.0	188	27	1
13	5288	4.1	198	29	1
14	5288	4.8	181	29	1
15	5290	1.0	181	28	1
16	5290	2.1	206	25	1
17	5292	2.1	172	29	1
18	5292	4.5	166	25	1
19	5300	3.6	203	24	1
20	5300	3.7	205	28	1
21	5308	2.7	227	26	1
22	5308	3.5	202	28	1
23	5310	4.7	196	24	1
24	5310	2.8	191	26	1
25	5312	3.8	170	29	1
26	5312	2.1	177	25	1
27	5320	2.1	153	29	1
28	5320	3.8	213	25	1
29	5329	2.6	211	24	1
30	5329	3.4	230	26	1
Detection Percentage (%)					100%



Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5250	7.3	366	17	1
2	5250	8.6	385	16	1
3	5260	6.9	460	16	1
4	5260	7.3	472	16	1
5	5268	7.2	418	16	1
6	5268	9.7	338	17	1
7	5270	9.7	469	17	1
8	5270	6.4	432	18	1
9	5272	6.8	294	18	1
10	5272	7.8	487	18	1
11	5280	9.4	425	18	1
12	5280	7.0	363	18	1
13	5288	8.4	312	18	1
14	5288	9.1	431	16	1
15	5290	7.1	304	17	1
16	5290	7.3	325	18	1
17	5292	8.0	360	16	1
18	5292	6.3	342	16	1
19	5300	9.9	309	16	1
20	5300	8.2	443	18	1
21	5308	8.7	273	17	1
22	5308	6.8	405	16	1
23	5310	7.7	465	18	1
24	5310	7.8	293	16	1
25	5312	9.1	370	16	1
26	5312	6.9	259	16	1
27	5320	8.3	274	16	1
28	5320	8.5	421	16	1
29	5329	8.8	442	18	1
30	5329	9.6	259	16	1
Detection Percentage (%)					100%



Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5250	11.9	285	15	1
2	5250	14.6	406	13	1
3	5260	11.0	276	15	1
4	5260	15.3	281	12	1
5	5268	16.0	330	13	1
6	5268	12.7	469	14	1
7	5270	15.8	497	14	1
8	5270	13.6	325	14	1
9	5272	12.3	456	15	1
10	5272	18.4	412	12	1
11	5280	16.7	343	16	1
12	5280	20.0	346	13	1
13	5288	15.8	325	12	1
14	5288	15.9	297	16	1
15	5290	17.6	402	13	1
16	5290	18.6	350	14	1
17	5292	17.6	414	16	1
18	5292	16.8	314	14	1
19	5300	15.4	364	13	1
20	5300	15.4	435	13	1
21	5308	20.0	453	14	1
22	5308	13.3	298	16	1
23	5310	13.4	436	12	1
24	5310	12.6	399	15	1
25	5312	11.8	339	16	1
26	5312	17.5	371	16	1
27	5320	19.0	272	13	1
28	5320	15.1	490	16	1
29	5329	13.0	399	12	1
30	5329	14.5	373	14	1
Detection Percentage (%)					100%

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

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



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	5254.8	1	16	5250.0	1
2	5254.0	1	17	5250.0	1
3	5257.6	1	18	5250.0	1
4	5255.6	1	19	5250.0	1
5	5253.2	1	20	5250.0	1
6	5256.8	1	21	5325.6	1
7	5252.0	1	22	5322.4	1
8	5253.6	1	23	5323.2	1
9	5257.2	1	24	5324.0	1
10	5252.4	1	25	5320.8	1
11	5250.0	1	26	5321.2	1
12	5250.0	1	27	5324.8	1
13	5250.0	1	28	5326.0	1
14	5250.0	1	29	5324.4	1
15	5250.0	1	30	5320.4	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1										
Num of Bursts = 11										
Burst Interval (us)= 1090909										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	961978	1	12	50	1300	0	0	961978	0	1090908
2	635597	3	12	95	1242	1553	1448	1598875	1090909	2181817
3	599896	3	12	80	1652	1312	1770	2203014	2181818	3272726
4	2039181	2	12	65	1576	1540	0	4246929	3272727	4363635
5	421011	3	12	85	1155	1024	1646	4671056	4363636	5454544
6	1307087	1	12	100	1848	0	0	5981968	5454545	6545453
7	1406325	1	12	95	1059	0	0	7390141	6545454	7636362
8	651861	3	12	55	1998	1887	1076	8043061	7636363	8727271
9	819484	2	12	75	1901	1577	0	8867506	8727272	9818180
10	1842847	3	12	90	1461	1743	1957	10713831	9818181	10909089
11	567105	2	12	50	1401	1278	0	11286097	10909090	11999998
Total number of pulses in waveform = 24										
*****										



### Type 5 Radar Waveform\_2

Num of Bursts = 16  
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	403605	3	10	55	1007	1645	1756	403605	0	749999
2	831771	1	10	75	1790	0	0	1239784	750000	1499999
3	758672	1	10	70	1380	0	0	2000246	1500000	2249999
4	515921	1	10	85	1675	0	0	2517547	2250000	2999999
5	555114	2	10	55	1569	1224	0	3074336	3000000	3749999
6	683416	2	10	95	1466	1873	0	3760545	3750000	4499999
7	775138	3	10	95	1542	1841	1397	4539022	4500000	5249999
8	1391168	1	10	50	1750	0	0	5934970	5250000	5999999
9	459004	1	10	95	1726	0	0	6395724	6000000	6749999
10	981828	2	10	75	1611	1444	0	7379278	6750000	7499999
11	291132	3	10	70	1283	1163	1853	7673465	7500000	8249999
12	979705	2	10	60	1841	1430	0	8657469	8250000	8999999
13	509993	3	10	75	1305	1145	1954	9170733	9000000	9749999
14	1262983	1	10	65	1643	0	0	10438120	9750000	10499999
15	238618	1	10	90	1436	0	0	10678381	10500000	11249999
16	884406	3	10	90	1765	1091	1826	11564223	11250000	11999999

Total number of pulses in waveform = 30  
\*\*\*\*\*

### Type 5 Radar Waveform\_3

Num of Bursts = 16  
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	267148	2	19	85	1084	1763	0	267148	0	749999
2	1172609	3	19	100	1368	1229	1877	1442604	750000	1499999
3	682444	3	19	65	1537	1095	1227	2129522	1500000	2249999
4	286458	2	19	95	1539	1311	0	2419839	2250000	2999999
5	815362	3	19	60	1460	1847	1595	3238051	3000000	3749999
6	1082862	1	19	60	1983	0	0	4325815	3750000	4499999
7	534567	2	19	100	1173	1254	0	4862365	4500000	5249999
8	841364	1	19	50	1444	0	0	5706156	5250000	5999999
9	714201	3	19	80	1624	1476	1412	6421801	6000000	6749999
10	388491	3	19	70	1151	1508	1788	6814804	6750000	7499999
11	1145666	1	19	90	1705	0	0	7964917	7500000	8249999
12	332568	3	19	95	1552	1252	1466	8299190	8250000	8999999
13	919157	3	19	85	1174	1463	1163	9222617	9000000	9749999
14	541380	2	19	75	1187	1935	0	9767797	9750000	10499999
15	1286485	2	19	50	1478	1358	0	11057404	10500000	11249999
16	773360	3	19	65	1629	1350	1303	11833600	11250000	11999999

Total number of pulses in waveform = 37  
\*\*\*\*\*

### Type 5 Radar Waveform\_4

Num of Bursts = 18  
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	18842	2	14	80	1267	1934	0	18842	0	666666
2	829829	2	14	75	1770	1601	0	851862	666667	1333333
3	929251	2	14	65	1219	1339	0	1784484	1333334	2000000
4	805903	3	14	50	1518	1966	1111	2592945	2000001	2666667
5	143984	3	14	100	1884	1263	1097	2741524	2666668	3333334
6	1004477	1	14	60	1751	0	0	3750245	3333335	4000001
7	596381	2	14	55	1961	1035	0	4348377	4000002	4666668
8	333861	2	14	55	1667	1121	0	4686234	4666669	5333335
9	665963	2	14	65	1972	1226	0	5353985	5333336	6000002
10	761582	2	14	85	1086	1925	0	6118765	6000003	6666669
11	850123	1	14	55	1188	0	0	6971899	6666670	7333336
12	486551	2	14	75	1640	1103	0	7459638	7333337	8000003
13	1109889	1	14	75	1539	0	0	8572270	8000004	8666670
14	743526	2	14	60	1295	1708	0	9317335	8666671	9333337
15	305255	1	14	85	1227	0	0	9625593	9333338	10000004
16	937549	2	14	70	1255	1549	0	10564369	10000005	10666671
17	347559	2	14	60	1593	1434	0	10914732	10666672	11333338
18	848315	3	14	90	1097	1042	1057	11766074	11333339	12000005

Total number of pulses in waveform = 35  
\*\*\*\*\*



### Type 5 Radar Waveform\_5

Num of Bursts = 19  
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	192201	3	8	50	1244	1789	1193	192201	0	631578
2	447625	3	8	55	1927	1964	1323	644052	631579	1263157
3	1141189	1	8	60	1461	0	0	1790455	1263158	1894736
4	597963	3	8	55	1158	1445	1097	2389879	1894737	2526315
5	523428	1	8	90	1939	0	0	2917007	2526316	3157894
6	745478	2	8	50	1666	1524	0	3664424	3157895	3789473
7	441155	2	8	50	1266	1987	0	4108769	3789474	4421052
8	489348	2	8	50	1113	1398	0	4601370	4421053	5052631
9	637783	2	8	60	1151	1984	0	5241664	5052632	5684210
10	481350	2	8	80	1127	1371	0	5726149	5684211	6315789
11	700980	3	8	100	1935	1060	1546	6429627	6315790	6947368
12	913281	3	8	95	1209	1288	1764	7347449	6947369	7578947
13	706275	3	8	50	1587	1494	1445	8057985	7578948	8210526
14	751617	3	8	95	1112	1973	1413	8814128	8210527	8842105
15	497174	3	8	70	1199	1616	1676	9315800	8842106	9473684
16	417762	3	8	60	1625	1959	1753	9737953	9473685	10105263
17	798786	3	8	80	1847	1037	1600	10542076	10105264	10736842
18	653525	2	8	100	1168	1792	0	11200085	10736843	11368421
19	671013	2	8	60	1800	1562	0	11874058	11368422	12000000

Total number of pulses in waveform = 46  
\*\*\*\*\*

### Type 5 Radar Waveform\_6

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	549577	3	17	55	1502	1622	1440	549577	0	857142
2	489747	2	17	100	1097	1526	0	1043888	857143	1714285
3	864374	1	17	60	1191	0	0	1910885	1714286	2571428
4	934493	2	17	55	1690	1632	0	2846569	2571429	3428571
5	1335210	2	17	65	1211	1233	0	4185101	3428572	4285714
6	597902	3	17	75	1961	1311	1562	4785447	4285715	5142857
7	608939	1	17	95	1597	0	0	5399220	5142858	6000000
8	1106150	3	17	95	1855	1513	1048	6506967	6000001	6857143
9	514334	2	17	55	1874	1137	0	7025717	6857144	7714286
10	760103	3	17	95	1382	1287	1086	7788831	7714287	8571429
11	828708	1	17	75	1503	0	0	8621294	8571430	9428572
12	1044610	1	17	70	1565	0	0	9667407	9428573	10285715
13	745141	1	17	55	1936	0	0	10414113	10285716	11142858
14	1211894	3	17	55	1541	1261	1191	11627943	11142859	12000001

Total number of pulses in waveform = 28  
\*\*\*\*\*

### Type 5 Radar Waveform\_7

Num of Bursts = 17  
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	691753	1	5	85	1846	0	0	691753	0	705881
2	139071	1	5	90	1665	0	0	832670	705882	1411763
3	936681	3	5	55	1192	1543	1956	1771016	1411764	2117645
4	887470	3	5	70	1119	1033	1228	2663177	2117646	2823527
5	824599	3	5	50	1243	1025	1971	3491156	2823528	3529409
6	560253	2	5	85	1182	1164	0	4055648	3529410	4235291
7	643470	3	5	85	1173	1525	1051	4701464	4235292	4941173
8	242931	2	5	90	1873	1951	0	4948144	4941174	5647055
9	1189471	2	5	50	1321	1475	0	6141439	5647056	6352937
10	667626	1	5	50	1088	0	0	6811361	6352938	7058819
11	344294	2	5	90	1491	1450	0	7157243	7058820	7764701
12	650406	1	5	60	1163	0	0	7810590	7764702	8470583
13	1078751	3	5	90	1676	1185	1123	8890504	8470584	9176465
14	315798	1	5	90	1424	0	0	9210286	9176466	9882347
15	868914	1	5	80	1406	0	0	10080624	9882348	10588229
16	815716	3	5	95	1810	1918	1206	10897746	10588230	11294111
17	456011	2	5	75	1541	1809	0	11358691	11294112	11999993

Total number of pulses in waveform = 34  
\*\*\*\*\*



### Type 5 Radar Waveform\_8

Num of Bursts = 8  
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	344985	1	9	95	1595	0	0	344985	0	1499999
2	2433703	3	9	60	1856	1699	1236	2780283	1500000	2999999
3	330965	3	9	60	1687	1520	1145	3116039	3000000	4499999
4	2647605	1	9	60	1727	0	0	5767996	4500000	5999999
5	1298216	2	9	85	1645	1446	0	7067939	6000000	7499999
6	805782	1	9	75	1661	0	0	7876812	7500000	8999999
7	1490802	2	9	60	1003	1120	0	9369275	9000000	10499999
8	2558058	2	9	65	1497	1159	0	11929456	10500000	11999999

Total number of pulses in waveform = 15  
\*\*\*\*\*

### Type 5 Radar Waveform\_9

Num of Bursts = 18  
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	101475	3	18	95	1728	1596	1008	101475	0	666666
2	585631	1	18	70	1759	0	0	691438	666667	1333333
3	846624	2	18	90	1465	1063	0	1539821	1333334	2000000
4	676959	3	18	70	1091	1026	1270	2219308	2000001	2666667
5	851596	3	18	75	1080	1923	1806	3074291	2666668	3333334
6	521510	3	18	65	1104	1444	1528	3600610	3333335	4000001
7	513503	1	18	65	1374	0	0	4118189	4000002	4666668
8	919716	1	18	50	1407	0	0	5039279	4666669	5333335
9	917555	3	18	70	1070	1899	1537	5958241	5333336	6000002
10	335090	3	18	60	1463	1264	1873	6297827	6000003	6666669
11	572426	1	18	75	1558	0	0	6874853	6666670	7333336
12	1003412	1	18	100	1330	0	0	7879823	7333337	8000003
13	155253	2	18	95	1200	1535	0	8036416	8000004	8666670
14	854475	2	18	65	1989	1450	0	8893626	8666671	9333337
15	619366	1	18	100	1207	0	0	9516431	9333338	10000004
16	662384	1	18	70	1180	0	0	10180022	10000005	10666671
17	806375	2	18	50	1133	1761	0	10787577	10666672	11333338
18	1207599	1	18	95	1888	0	0	11998070	11333339	12000005

Total number of pulses in waveform = 34  
\*\*\*\*\*

### Type 5 Radar Waveform\_10

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	232665	2	6	50	1925	1391	0	232665	0	1090908
2	1436215	2	6	70	1900	1603	0	1672196	1090909	2181817
3	1533889	2	6	70	1977	1983	0	3209588	2181818	3272726
4	574706	2	6	55	1798	1559	0	3788254	3272727	4363635
5	961984	1	6	65	1529	0	0	4753595	4363636	5454544
6	869943	2	6	80	1696	1774	0	5625067	5454545	6545453
7	1849620	3	6	55	1029	1993	1723	7478157	6545454	7636362
8	525626	3	6	80	1269	1014	1996	8008528	7636363	8727271
9	1388394	2	6	75	1053	1870	0	9401201	8727272	9818180
10	681479	2	6	75	1448	1153	0	10085603	9818181	10909089
11	1416047	2	6	55	1769	1934	0	11504251	10909090	11999998

Total number of pulses in waveform = 23  
\*\*\*\*\*



### Type 5 Radar Waveform\_11

Num of Bursts = 15  
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	824398	1	17	50	1560	0	0	524398	0	799999
2	894130	1	17	90	1345	0	0	1420088	800000	1599999
3	247122	3	17	90	1506	1284	1060	1668555	1600000	2399999
4	825957	3	17	65	1076	1239	1257	2498362	2400000	3199999
5	736704	2	17	90	1858	1988	0	3238638	3200000	3999999
6	1067061	3	17	85	1673	1562	1134	4309545	4000000	4799999
7	654722	2	17	55	1104	1913	0	4968636	4800000	5599999
8	757872	2	17	65	1699	1092	0	5729525	5600000	6399999
9	1051824	1	17	55	1583	0	0	6784140	6400000	7199999
10	1016029	1	17	70	1430	0	0	7801752	7200000	7999999
11	780072	3	17	50	1287	1308	1573	8583254	8000000	8799999
12	474193	2	17	95	1017	1222	0	9061615	8800000	9599999
13	570220	2	17	50	1006	1098	0	9634074	9600000	10399999
14	1412199	3	17	70	1197	1493	1835	11048377	10400000	11199999
15	714212	3	17	100	1155	1853	1113	11767114	11200000	11999999

Total number of pulses in waveform = 32  
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### Type 5 Radar Waveform\_12

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	156374	3	5	50	1280	1264	1457	156374	0	1199999
2	2109408	1	5	75	1525	0	0	2269783	1200000	2399999
3	1032072	2	5	65	1176	1329	0	3303380	2400000	3599999
4	1464738	2	5	50	1442	1873	0	4770623	3600000	4799999
5	184404	2	5	60	1664	1827	0	4958342	4800000	5999999
6	1453317	2	5	95	1711	1199	0	6415150	6000000	7199999
7	822338	1	5	70	1213	0	0	7240398	7200000	8399999
8	2089849	3	5	55	1851	1841	1058	9331460	8400000	9599999
9	691708	3	5	75	1831	1617	1390	10027918	9600000	10799999
10	1452788	2	5	60	1479	1624	0	11485544	10800000	11999999

Total number of pulses in waveform = 21  
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### Type 5 Radar Waveform\_13

Num of Bursts = 20  
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	85339	2	14	80	1977	1502	0	85339	0	599999
2	801632	3	14	100	1839	1088	1915	890450	600000	1199999
3	425407	1	14	60	1397	0	0	1320669	1200000	1799999
4	629546	1	14	80	1101	0	0	1951612	1800000	2399999
5	864353	1	14	95	1344	0	0	2817066	2400000	2999999
6	542786	1	14	90	1179	0	0	3361196	3000000	3599999
7	590210	2	14	55	1247	1386	0	3952685	3600000	4199999
8	457382	2	14	75	1714	1788	0	4412600	4200000	4799999
9	559963	1	14	70	1309	0	0	4972065	4800000	5399999
10	595406	2	14	85	1467	1347	0	5568780	5400000	5999999
11	810670	2	14	65	1754	1170	0	6382264	6000000	6599999
12	494725	1	14	95	1584	0	0	6879913	6600000	7199999
13	808133	1	14	50	1355	0	0	7689630	7200000	7799999
14	241405	1	14	75	1411	0	0	7932390	7800000	8399999
15	751415	2	14	70	1925	1513	0	8685216	8400000	8999999
16	895399	3	14	55	1697	1915	1496	9584053	9000000	9599999
17	25192	1	14	65	1135	0	0	9614353	9600000	10199999
18	1164055	3	14	75	1172	1917	1954	10779543	10200000	10799999
19	306439	3	14	70	1289	1679	1317	11091025	10800000	11399999
20	645839	2	14	65	1150	1160	0	11741129	11400000	11999999

Total number of pulses in waveform = 35  
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### Type 5 Radar Waveform\_14

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	962936	1	10	70	1454	0	0	962936	0	1199999
2	1253470	2	10	50	1747	1050	0	2217860	1200000	2399999
3	725227	3	10	65	1090	1293	1683	2945884	2400000	3599999
4	1589757	2	10	80	1291	1778	0	4539707	3600000	4799999
5	655886	1	10	70	1851	0	0	5198662	4800000	5999999
6	1534269	1	10	85	1706	0	0	6734782	6000000	7199999
7	724272	2	10	60	1444	1976	0	7460760	7200000	8399999
8	1769398	2	10	70	1084	1748	0	9233578	8400000	9599999
9	858398	1	10	80	1307	0	0	10094808	9600000	10799999
10	955403	2	10	65	1764	1445	0	11051518	10800000	11999999

Total number of pulses in waveform = 17

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### Type 5 Radar Waveform\_15

Num of Bursts = 20

Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	195704	2	6	100	1571	1746	0	195704	0	599999
2	464741	2	6	90	1290	1349	0	663762	600000	1199999
3	870739	3	6	60	1347	1632	1771	1537140	1200000	1799999
4	724079	3	6	55	1602	1134	1033	2259969	1800000	2399999
5	138325	2	6	70	1121	1159	0	2408963	2400000	2999999
6	714130	1	6	95	1850	0	0	3124473	3000000	3599999
7	937338	1	6	60	1110	0	0	4063661	3600000	4199999
8	526912	3	6	75	1986	1225	1845	4591683	4200000	4799999
9	745306	1	6	65	1803	0	0	5342045	4800000	5399999
10	534219	2	6	75	1804	1797	0	5878067	5400000	5999999
11	657578	2	6	70	1971	1509	0	6539246	6000000	6599999
12	73905	3	6	75	1653	1109	1041	6616631	6600000	7199999
13	1076835	2	6	90	1288	1034	0	7697269	7200000	7799999
14	401333	3	6	95	1889	1318	1095	8100924	7800000	8399999
15	795126	1	6	80	1364	0	0	8900352	8400000	8999999
16	219930	2	6	85	1037	1870	0	9121646	9000000	9599999
17	741207	2	6	70	1896	1937	0	9865760	9600000	10199999
18	625989	2	6	60	1861	1710	0	10495582	10200000	10799999
19	413479	1	6	55	1524	0	0	10912632	10800000	11399999
20	820812	1	6	65	1670	0	0	11734968	11400000	11999999

Total number of pulses in waveform = 39

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### Type 5 Radar Waveform\_16

Num of Bursts = 15

Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	600918	2	9	50	1715	1334	0	600918	0	799999
2	282554	3	9	55	1026	1344	1758	886521	800000	1599999
3	1084362	1	9	100	1348	0	0	1975011	1600000	2399999
4	940862	1	9	55	1304	0	0	2917221	2400000	3199999
5	1024585	1	9	80	1505	0	0	3943110	3200000	3999999
6	327317	2	9	100	1635	1481	0	4271932	4000000	4799999
7	1268434	3	9	85	1556	1160	1855	5543482	4800000	5599999
8	489008	1	9	75	1275	0	0	6037061	5600000	6399999
9	659315	1	9	100	1135	0	0	6697651	6400000	7199999
10	915171	1	9	90	1526	0	0	7613957	7200000	7999999
11	504406	2	9	85	1343	1409	0	8119889	8000000	8799999
12	1369610	1	9	65	1575	0	0	9492251	8800000	9599999
13	903823	1	9	80	1141	0	0	10397649	9600000	10399999
14	515539	1	9	70	1591	0	0	10914329	10400000	11199999
15	539205	2	9	80	1112	1633	0	11455125	11200000	11999999

Total number of pulses in waveform = 23

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### Type 5 Radar Waveform\_17

Num of Bursts = 18  
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	397868	2	12	80	1701	1277	0	397868	0	666666
2	702947	1	12	50	1223	0	0	1103793	666667	1333333
3	597366	2	12	50	1769	1066	0	1702382	1333334	2000000
4	793684	2	12	60	1521	1803	0	2498901	2000001	2666667
5	309570	2	12	75	1797	1374	0	2811795	2666668	3333334
6	672069	2	12	70	1155	1562	0	3487035	3333335	4000001
7	724446	2	12	80	1896	1499	0	4214197	4000002	4666668
8	567625	2	12	65	1372	1204	0	4785217	4666669	5333335
9	855678	3	12	95	1576	1355	1818	5643471	5333336	6000002
10	786713	1	12	90	1770	0	0	6434933	6000003	6666669
11	414636	2	12	80	1526	1311	0	6851339	6666670	7333336
12	580214	3	12	90	1785	1189	1056	7434390	7333337	8000003
13	805727	3	12	85	1871	1890	1897	8244147	8000004	8666670
14	631592	2	12	50	1729	1875	0	8881397	8666671	9333337
15	1094408	3	12	80	1683	1470	1540	9979409	9333338	10000004
16	439226	3	12	95	1745	1012	1542	10423328	10000005	10666671
17	270450	1	12	70	1553	0	0	10698077	10666672	11333338
18	1288430	1	12	70	1006	0	0	11988060	11333339	12000005

Total number of pulses in waveform = 37  
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### Type 5 Radar Waveform\_18

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	615494	2	19	95	1170	1736	0	615494	0	999999
2	381908	3	19	75	1811	1788	1424	1000308	1000000	1999999
3	1063086	1	19	50	1682	0	0	2068417	2000000	2999999
4	1351427	2	19	75	1438	1471	0	3421526	3000000	3999999
5	1286140	2	19	95	1190	1106	0	4710575	4000000	4999999
6	826749	2	19	60	1419	1271	0	5539620	5000000	5999999
7	1077910	2	19	95	1156	1298	0	6620220	6000000	6999999
8	662553	1	19	100	1450	0	0	7285227	7000000	7999999
9	970116	3	19	80	1945	1980	1749	8256793	8000000	8999999
10	1544553	3	19	60	1632	1398	1373	9807020	9000000	9999999
11	321726	3	19	90	1889	1267	1400	10133149	10000000	10999999
12	1653546	3	19	85	1202	1380	1716	11791251	11000000	11999999

Total number of pulses in waveform = 27  
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### Type 5 Radar Waveform\_19

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	421547	1	8	100	1042	0	0	421547	0	1199999
2	1720028	3	8	100	1083	1343	1073	2142617	1200000	2399999
3	1347112	2	8	90	1896	1203	0	3493228	2400000	3599999
4	342514	1	8	90	1314	0	0	3838841	3600000	4799999
5	1598492	1	8	55	1715	0	0	5438647	4800000	5999999
6	678240	2	8	70	1992	1362	0	6118602	6000000	7199999
7	1363868	2	8	55	1565	1791	0	7485824	7200000	8399999
8	984753	1	8	65	1073	0	0	8473933	8400000	9599999
9	1512994	3	8	90	1843	1380	1512	9988000	9600000	10799999
10	847661	3	8	60	1441	1018	1613	10840396	10800000	11999999

Total number of pulses in waveform = 19  
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### Type 5 Radar Waveform\_20

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	33233	2	18	100	1750	1057	0	33233	0	857142
2	1364033	3	18	95	1349	1162	1391	1400073	857143	1714285
3	910587	1	18	85	1525	0	0	2314562	1714286	2571428
4	553285	2	18	55	1645	1183	0	2869372	2571429	3428571
5	916044	2	18	80	1328	1376	0	3788244	3428572	4285714
6	1248932	1	18	60	1613	0	0	5039880	4285715	5142857
7	333213	1	18	75	1462	0	0	5374706	5142858	6000000
8	1177387	2	18	60	1874	1352	0	6553555	6000001	6857143
9	826780	1	18	65	1967	0	0	7383561	6857144	7714286
10	539410	2	18	65	1158	1254	0	7924938	7714287	8571429
11	848976	2	18	80	1914	1934	0	8776326	8571430	9428572
12	939013	3	18	65	1027	1310	1833	9719187	9428573	10285715
13	1163040	1	18	90	1561	0	0	10886397	10285716	11142858
14	1065301	1	18	75	1241	0	0	11953259	11142859	12000001

Total number of pulses in waveform = 24  
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### Type 5 Radar Waveform\_21

Num of Bursts = 20  
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	305293	2	6	100	1309	1254	0	305293	0	599999
2	563746	1	6	80	1011	0	0	871802	600000	1199999
3	768343	3	6	50	1442	1557	1805	1630956	1200000	1799999
4	393506	3	6	70	1392	1342	1862	2029266	1800000	2399999
5	492012	1	6	50	1077	0	0	2525874	2400000	2999999
6	812805	1	6	55	1907	0	0	3339756	3000000	3599999
7	792550	2	6	50	1655	1473	0	4134213	3600000	4199999
8	447628	2	6	70	1075	1447	0	4584969	4200000	4799999
9	510310	1	6	50	1851	0	0	5097801	4800000	5399999
10	419904	3	6	70	1885	1819	1197	5519556	5400000	5999999
11	895213	3	6	100	1655	1188	1225	6419670	6000000	6599999
12	233486	1	6	70	1937	0	0	6657203	6600000	7199999
13	1051664	2	6	70	1304	1214	0	7710804	7200000	7799999
14	431456	1	6	50	1892	0	0	8144778	7800000	8399999
15	839843	3	6	60	1139	1574	1746	8986513	8400000	8999999
16	530616	2	6	65	1926	1968	0	9521587	9000000	9599999
17	574572	3	6	85	1140	1175	1066	10100053	9600000	10199999
18	131339	3	6	95	1939	1097	1658	10234773	10200000	10799999
19	732813	1	6	70	1131	0	0	10972280	10800000	11399999
20	562970	2	6	50	1600	1302	0	11536381	11400000	11999999

Total number of pulses in waveform = 40  
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### Type 5 Radar Waveform\_22

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	805907	2	14	95	1742	1261	0	805907	0	857142
2	700699	2	14	70	1885	1890	0	1509609	857143	1714285
3	958237	1	14	65	1704	0	0	2471621	1714286	2571428
4	695720	1	14	80	1168	0	0	3169045	2571429	3428571
5	1041494	3	14	85	1468	1048	1567	4211707	3428572	4285714
6	480653	1	14	95	1790	0	0	4696443	4285715	5142857
7	518882	1	14	85	1693	0	0	5217115	5142858	6000000
8	1415217	1	14	90	1938	0	0	6634025	6000001	6857143
9	400439	3	14	65	1425	1769	1500	7036402	6857144	7714286
10	940835	3	14	85	1231	1015	1332	7981931	7714287	8571429
11	1224878	3	14	95	1382	1631	1096	9210387	8571430	9428572
12	220074	2	14	95	1735	1793	0	9434570	9428573	10285715
13	906174	2	14	50	1983	1974	0	10344272	10285716	11142858
14	1500830	2	14	90	1907	1191	0	11849059	11142859	12000001

Total number of pulses in waveform = 27  
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### Type 5 Radar Waveform\_23

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	910235	2	12	60	1451	1875	0	910235	0	1199999
2	935908	1	12	75	1932	0	0	1849469	1200000	2399999
3	776815	1	12	65	1477	0	0	2628216	2400000	3599999
4	1801129	3	12	75	1762	1601	1609	4430822	3600000	4799999
5	690660	1	12	90	1102	0	0	5126454	4800000	5999999
6	1566621	2	12	55	1526	1084	0	6694177	6000000	7199999
7	573837	1	12	75	1563	0	0	7270624	7200000	8399999
8	1647719	1	12	75	1284	0	0	8919906	8400000	9599999
9	1086904	3	12	70	1996	1629	1083	10008094	9600000	10799999
10	1287517	2	12	50	1278	1994	0	11300319	10800000	11999999

Total number of pulses in waveform = 17

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### Type 5 Radar Waveform\_24

Num of Bursts = 18  
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	217655	3	10	65	1638	1875	1645	217655	0	666666
2	584730	3	10	100	1053	1365	1271	807543	666667	1333333
3	906478	3	10	55	1609	1232	1628	1717710	1333334	2000000
4	828142	2	10	55	1309	1118	0	2550321	2000001	2666667
5	151232	3	10	70	1143	1744	1439	2703980	2666668	3333334
6	946599	2	10	85	1864	1416	0	3654905	3333335	4000001
7	847707	1	10	60	1028	0	0	4505892	4000002	4666668
8	467785	1	10	65	1726	0	0	4974705	4666669	5333335
9	518605	2	10	55	1203	1614	0	5495036	5333336	6000002
10	673899	3	10	55	1718	1027	1511	6171752	6000003	6666669
11	698070	1	10	100	1738	0	0	6874078	6666670	7333336
12	1044469	3	10	65	1741	1216	1914	7920285	7333337	8000003
13	434467	2	10	95	1840	1683	0	8359623	8000004	8666670
14	693595	3	10	70	1455	1877	1713	9056741	8666671	9333337
15	507601	3	10	90	1938	1219	1372	9569387	9333338	10000004
16	674176	3	10	55	1463	1495	1300	10248092	10000005	10666671
17	796638	1	10	85	1943	0	0	11048988	10666672	11333338
18	507281	1	10	70	1815	0	0	11558212	11333339	12000005

Total number of pulses in waveform = 40

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### Type 5 Radar Waveform\_25

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	118414	3	18	100	1763	1785	1122	118414	0	1333332
2	2521066	3	18	60	1940	1874	1557	2644150	1333333	2666665
3	949255	2	18	100	1315	1922	0	3598776	2666666	3999998
4	1203926	1	18	80	1345	0	0	4805939	3999999	5333331
5	1698091	1	18	50	1980	0	0	6505375	5333332	6666664
6	272341	1	18	90	1876	0	0	6779696	6666665	7999997
7	1382676	3	18	100	1549	1206	1828	8164248	7999998	9333330
8	2201829	3	18	50	1025	1178	1520	10370660	9333331	10666663
9	955947	1	18	80	1184	0	0	11330330	10666664	11999996

Total number of pulses in waveform = 18

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### Type 5 Radar Waveform\_26

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	229621	2	17	70	1352	1668	0	229621	0	857142
2	1125778	1	17	55	1736	0	0	1358419	857143	1714285
3	702121	1	17	70	1981	0	0	2062276	1714286	2571428
4	1063712	3	17	100	1732	1301	1044	3127969	2571429	3428571
5	868964	3	17	90	1931	1499	1630	4001010	3428572	4285714
6	849410	2	17	95	1875	1546	0	4855480	4285715	5142857
7	998327	2	17	90	1119	1297	0	5857228	5142858	6000000
8	600399	1	17	75	1367	0	0	6460043	6000001	6857143
9	801522	1	17	90	1010	0	0	7262932	6857144	7714286
10	871628	2	17	90	1316	1058	0	8135570	7714287	8571429
11	460298	2	17	70	1922	1874	0	8598242	8571430	9428572
12	1289454	1	17	75	1719	0	0	9891492	9428573	10285715
13	665391	3	17	60	1997	1685	1806	10558602	10285716	11142858
14	970210	3	17	65	1392	1447	1983	11534300	11142859	12000001

Total number of pulses in waveform = 27  
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### Type 5 Radar Waveform\_27

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	297197	1	8	95	1192	0	0	297197	0	857142
2	664513	1	8	65	1312	0	0	962902	857143	1714285
3	1035571	2	8	75	1613	1130	0	1999785	1714286	2571428
4	1160918	3	8	55	1168	1025	1337	3163446	2571429	3428571
5	624059	3	8	80	1463	1660	1690	3791035	3428572	4285714
6	938314	3	8	85	1429	1271	1391	4734162	4285715	5142857
7	962472	1	8	90	1996	0	0	5700725	5142858	6000000
8	1016425	1	8	60	1389	0	0	6719146	6000001	6857143
9	889491	1	8	100	1917	0	0	7610026	6857144	7714286
10	511513	3	8	90	1347	1409	1672	8123456	7714287	8571429
11	1171431	2	8	90	1705	1144	0	9299315	8571430	9428572
12	174136	2	8	95	1010	1800	0	9476300	9428573	10285715
13	850837	2	8	55	1495	1552	0	10329947	10285716	11142858
14	1003950	1	8	95	1299	0	0	11336944	11142859	12000001

Total number of pulses in waveform = 26  
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### Type 5 Radar Waveform\_28

Num of Bursts = 15  
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	456982	1	5	100	1587	0	0	456982	0	799999
2	844799	2	5	55	1214	1949	0	1303368	800000	1599999
3	984270	3	5	50	1877	1009	1686	2290801	1600000	2399999
4	208027	2	5	80	1904	1446	0	2503400	2400000	3199999
5	1174723	1	5	95	1546	0	0	3681473	3200000	3999999
6	419743	1	5	90	1797	0	0	4102762	4000000	4799999
7	883963	3	5	85	1412	1352	1120	4988522	4800000	5599999
8	774230	1	5	55	1676	0	0	5766636	5600000	6399999
9	775400	1	5	95	1187	0	0	6543712	6400000	7199999
10	1394174	3	5	95	1869	1342	1260	7939073	7200000	7999999
11	142067	2	5	80	1093	1416	0	8085611	8000000	8799999
12	1191318	1	5	80	1182	0	0	9279438	8800000	9599999
13	522496	1	5	60	1984	0	0	9803116	9600000	10399999
14	1178604	3	5	80	1509	1381	1578	10983704	10400000	11199999
15	758100	2	5	65	1687	1356	0	11746272	11200000	11999999

Total number of pulses in waveform = 27  
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### Type 5 Radar Waveform\_29

Num of Bursts = 16  
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	115791	3	9	95	1887	1721	1269	115791	0	749999
2	896346	3	9	75	1866	1864	1656	1017014	750000	1499999
3	1102829	3	9	95	1331	1871	1743	2125229	1500000	2249999
4	210962	3	9	95	1659	1115	1881	2341136	2250000	2999999
5	842858	3	9	60	1016	1380	1889	3188649	3000000	3749999
6	1292981	2	9	50	1636	1278	0	4485915	3750000	4499999
7	651375	2	9	70	1003	1311	0	5140204	4500000	5249999
8	303754	3	9	80	1472	1665	1886	5446272	5250000	5999999
9	1070922	3	9	65	1158	1488	1089	6522217	6000000	6749999
10	913534	1	9	85	1253	0	0	7439486	6750000	7499999
11	468371	1	9	90	1359	0	0	7909110	7500000	8249999
12	901370	3	9	75	1433	1744	1270	8811839	8250000	8999999
13	289675	3	9	100	1528	1375	1935	9105961	9000000	9749999
14	1094397	1	9	75	1970	0	0	10205196	9750000	10499999
15	386468	1	9	55	1011	0	0	10593634	10500000	11249999
16	912711	3	9	70	1160	1663	1710	11507356	11250000	11999999

Total number of pulses in waveform = 38  
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### Type 5 Radar Waveform\_30

Num of Bursts = 17  
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	531723	1	19	100	1560	0	0	531723	0	705881
2	822417	3	19	80	1765	1320	1638	1355700	705882	1411763
3	332172	3	19	100	1875	1381	1853	1692595	1411764	2117645
4	640992	1	19	95	1012	0	0	2338696	2117646	2823527
5	617753	3	19	85	1108	1376	1520	2957461	2823528	3529409
6	1122671	1	19	50	1718	0	0	4084136	3529410	4235291
7	617042	2	19	70	1997	1479	0	4702896	4235292	4941173
8	241506	1	19	50	1394	0	0	4947878	4941174	5647055
9	944033	1	19	50	1365	0	0	5893305	5647056	6352937
10	660312	1	19	80	1815	0	0	6554982	6352938	7058819
11	735197	2	19	85	1626	1789	0	7291994	7058820	7764701
12	887790	3	19	75	1062	1569	1590	8183199	7764702	8470583
13	304177	1	19	50	1633	0	0	8491597	8470584	9176465
14	1298658	3	19	65	1318	1133	1655	9791888	9176466	9882347
15	709967	3	19	65	1498	1202	1685	10505961	9882348	10588229
16	688597	1	19	60	1365	0	0	11178943	10588230	11294111
17	507117	2	19	75	1227	1754	0	11687425	11294112	11999993

Total number of pulses in waveform = 32  
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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	5250	1	16	5290	1
2	5250	1	17	5292	1
3	5260	1	18	5292	1
4	5260	1	19	5300	1
5	5268	1	20	5300	1
6	5268	1	21	5308	1
7	5270	1	22	5308	1
8	5270	1	23	5310	1
9	5272	1	24	5310	1
10	5272	1	25	5312	1
11	5280	1	26	5312	1
12	5280	1	27	5320	1
13	5288	1	28	5320	1
14	5288	1	29	5329	1
15	5290	1	30	5329	1
Detection Percentage (%)					100%



Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5256	12	3	5250	9
14	5276	42	11	5271	33
17	5279	51	28	5265	84
23	5269	69	70	5261	210
84	5252	252	85	5273	255
85	5278	255	--	--	--
93	5275	279	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
21	5274	63	13	5254	39
65	5281	195	50	5290	150
69	5280	207	51	5276	153
85	5260	255	61	5278	183
93	5258	279	67	5257	201
94	5269	282	89	5251	267
--	--	--	96	5269	288
--	--	--	97	5259	291

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
18	5293	54	7	5252	21
35	5255	105	14	5257	42
52	5289	156	35	5276	105
66	5267	198	45	5254	135
70	5253	210	65	5280	195
82	5284	246	75	5295	225
89	5252	267	77	5259	231
95	5296	285	85	5263	255
--	--	--	88	5250	264
--	--	--	91	5256	273
--	--	--	95	5293	285





Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5253	15	3	5263	9
6	5262	18	4	5273	12
36	5278	108	17	5294	51
38	5298	114	31	5266	93
49	5296	147	36	5262	108
51	5293	153	39	5287	117
52	5300	156	46	5292	138
54	5255	162	53	5295	159
58	5264	174	55	5255	165
68	5250	204	65	5277	195
78	5280	234	70	5300	210
90	5263	270	83	5251	249
99	5257	297	93	5280	279

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5287	3	10	5272	30
2	5264	6	15	5268	45
37	5292	111	18	5264	54
48	5265	144	19	5255	57
61	5258	183	26	5301	78
68	5289	204	33	5277	99
88	5285	264	34	5292	102
91	5300	273	54	5278	162
95	5256	285	61	5280	183
97	5274	291	82	5254	246
--	--	--	84	5281	252
--	--	--	86	5286	258
--	--	--	99	5259	297



Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5255	27	20	5296	60
14	5268	42	29	5255	87
16	5285	48	36	5278	108
31	5288	93	37	5269	111
39	5294	117	44	5306	132
43	5308	129	52	5268	156
53	5287	159	63	5299	189
54	5299	162	76	5263	228
59	5293	177	78	5259	234
64	5280	192	86	5279	258
66	5284	198	97	5307	291
70	5261	210	--	--	--
83	5296	249	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5261	15	2	5281	6
12	5312	36	6	5264	18
13	5288	39	17	5298	51
25	5297	75	18	5269	54
28	5289	84	25	5294	75
35	5308	105	34	5275	102
39	5263	117	38	5304	114
41	5298	123	39	5261	117
43	5300	129	45	5287	135
50	5277	150	49	5301	147
68	5285	204	59	5315	177
73	5316	219	69	5311	207
78	5311	234	73	5306	219
91	5279	273	81	5288	243
97	5304	291	82	5273	246
--	--	--	96	5286	288

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
24	5300	72	6	5275	18
30	5301	90	14	5298	42
36	5266	108	15	5293	45
38	5294	114	20	5288	60
39	5296	117	21	5277	63
43	5292	129	33	5320	99
44	5295	132	41	5286	123
45	5290	135	46	5303	138
51	5299	153	47	5296	141
57	5268	171	50	5315	150
75	5298	225	66	5299	198
93	5277	279	71	5312	213
--	--	--	73	5302	219
--	--	--	80	5304	240
--	--	--	81	5307	243
--	--	--	83	5300	249
--	--	--	89	5261	267
--	--	--	91	5270	273
--	--	--	95	5311	285



Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5280	21	0	5290	0
26	5272	78	5	5291	15
30	5265	90	34	5286	102
31	5285	93	35	5303	105
32	5318	96	42	5300	126
45	5274	135	47	5304	141
60	5313	180	49	5279	147
67	5287	201	60	5297	180
82	5293	246	70	5293	210
85	5275	255	84	5277	252
87	5291	261	89	5294	267
90	5294	270	98	5318	294
93	5310	279	--	--	--
95	5307	285	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5307	42	8	5317	24
20	5324	60	13	5305	39
41	5297	123	25	5292	75
51	5290	153	38	5276	114
54	5311	162	52	5275	156
61	5310	183	56	5307	168
68	5289	204	58	5308	174
83	5301	249	59	5271	177
--	--	--	95	5306	285



Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5333	6	14	5321	42
6	5311	18	34	5329	102
10	5330	30	35	5301	105
15	5336	45	39	5322	117
25	5283	75	42	5310	126
26	5309	78	43	5323	129
29	5296	87	54	5313	162
45	5321	135	67	5324	201
47	5284	141	85	5315	255
56	5293	168	93	5296	279
60	5300	180	--	--	--
65	5301	195	--	--	--
77	5319	231	--	--	--
82	5334	246	--	--	--
83	5285	249	--	--	--
84	5318	252	--	--	--
92	5325	276	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5280	6	7	5306	21
36	5287	108	23	5298	69
48	5295	144	24	5289	72
51	5307	153	31	5285	93
54	5294	162	43	5312	129
67	5339	201	45	5338	135
81	5291	243	50	5318	150
82	5320	246	52	5325	156
98	5329	294	53	5297	159
99	5328	297	95	5296	285

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5334	6	4	5334	12
6	5330	18	7	5317	21
13	5282	39	8	5314	24
28	5328	84	9	5302	27
64	5325	192	21	5319	63
66	5302	198	22	5307	66
74	5329	222	32	5301	96
75	5338	225	41	5291	123
76	5335	228	42	5313	126
88	5300	264	54	5332	162
--	--	--	61	5321	183
--	--	--	64	5320	192
--	--	--	78	5286	234
--	--	--	85	5311	255
--	--	--	87	5306	261

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5303	0	9	5300	27
7	5298	21	13	5306	39
9	5305	27	18	5311	54
11	5323	33	42	5343	126
19	5295	57	43	5330	129
20	5333	60	47	5302	141
24	5350	72	54	5313	162
30	5324	90	69	5328	207
36	5297	108	70	5292	210
37	5310	111	87	5340	261
38	5307	114	91	5305	273
41	5335	123	94	5318	282
56	5326	168	97	5334	291
64	5322	192	--	--	--
68	5313	204	--	--	--
70	5312	210	--	--	--
79	5293	237	--	--	--
85	5339	255	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5303	6	2	5306	6
10	5356	30	5	5308	15
17	5315	51	9	5303	27
25	5335	75	34	5309	102
30	5326	90	38	5311	114
52	5306	156	42	5328	126
74	5337	222	50	5329	150
75	5310	225	57	5350	171
77	5325	231	75	5312	225
79	5347	237	83	5318	249
81	5314	243	85	5357	255
87	5313	261	89	5307	267
90	5346	270	--	--	--
97	5316	291	--	--	--





Product	AX6000 MU-MIMO Wi-Fi Router	Temperature	27°C
Test Engineer	Amy Zhang	Relative Humidity	65%
Test Site	SR5	Test Date	2018/08/27
Test Item	Radar Statistical Performance Check (802.11ax-VHT160 mode – 5570MHz)		

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	3066	18	1
2	5491	1	738	72	1
3	5510	1	678	78	1
4	5510	1	938	57	1
5	5520	1	598	89	1
6	5520	1	638	83	1
7	5530	1	718	74	1
8	5530	1	858	62	1
9	5540	1	758	70	1
10	5540	1	898	59	1
11	5550	1	558	95	1
12	5550	1	658	81	1
13	5560	1	818	65	1
14	5560	1	698	76	1
15	5570	1	778	68	1
16	5580	1	831	64	1
17	5580	1	1087	49	1
18	5590	1	636	83	1
19	5590	1	2897	19	1
20	5600	1	1876	29	1
21	5600	1	1371	39	1
22	5610	1	962	55	1
23	5610	1	2044	26	1
24	5620	1	2510	22	1
25	5620	1	2045	26	1
26	5630	1	2646	20	1



Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5630	1	1374	39	1
28	5640	1	951	56	1
29	5640	1	650	82	1
30	5649	1	676	79	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	224	27	1
2	5491	3.6	185	29	1
3	5510	4.4	156	23	1
4	5510	4.2	219	26	1
5	5520	3.1	161	26	1
6	5520	2.9	204	23	1
7	5530	3.1	164	29	1
8	5530	1.3	228	23	1
9	5540	2.3	175	28	1
10	5540	4.2	163	28	1
11	5550	2.4	210	28	1
12	5550	1.3	209	24	1
13	5560	2.0	209	28	1
14	5560	1.0	213	29	1
15	5570	4.3	228	23	1
16	5580	2.3	193	29	1
17	5580	3.2	216	24	1
18	5590	2.2	153	26	1
19	5590	3.4	174	29	1
20	5600	1.9	196	26	1
21	5600	1.7	208	28	1
22	5610	2.4	175	26	1
23	5610	4.3	163	27	1
24	5620	2.7	154	26	1
25	5620	3.8	218	23	1
26	5630	4.8	218	24	1
27	5630	3.3	165	23	1
28	5640	2.9	195	26	1
29	5640	4.9	204	26	1
30	5649	3.2	177	26	1
Detection Percentage (%)					100%



Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	6.4	312	17	1
2	5491	8.0	401	18	1
3	5510	8.8	399	16	1
4	5510	9.9	384	17	1
5	5520	6.7	419	16	1
6	5520	9.1	369	18	1
7	5530	8.3	257	16	1
8	5530	6.5	430	17	1
9	5540	6.0	312	18	1
10	5540	9.8	430	17	1
11	5550	6.0	351	18	1
12	5550	9.5	283	16	1
13	5560	7.9	360	16	1
14	5560	7.7	463	16	1
15	5570	6.0	476	17	1
16	5580	7.9	340	18	1
17	5580	9.5	484	17	1
18	5590	9.9	350	18	1
19	5590	9.8	481	18	1
20	5600	8.5	410	18	1
21	5600	6.0	303	17	1
22	5610	9.1	478	16	1
23	5610	8.5	495	16	1
24	5620	9.2	330	18	1
25	5620	9.6	325	17	1
26	5630	7.8	369	17	1
27	5630	7.6	383	18	1
28	5640	7.0	333	16	1
29	5640	7.1	307	16	1
30	5649	6.3	453	17	1
Detection Percentage (%)					100%

## Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	12.4	386	13	1
2	5491	11.3	269	12	1
3	5510	12.7	385	16	1
4	5510	12.3	268	14	1
5	5520	11.4	272	16	1
6	5520	19.6	259	16	1
7	5530	19.3	496	14	1
8	5530	12.0	468	15	1
9	5540	13.5	355	14	1
10	5540	12.2	376	12	1
11	5550	13.5	394	14	1
12	5550	18.5	251	13	1
13	5560	17.9	319	15	1
14	5560	11.2	358	13	1
15	5570	18.1	321	14	1
16	5580	11.9	395	12	1
17	5580	16.7	329	14	1
18	5590	13.8	316	14	1
19	5590	11.0	306	16	1
20	5600	12.3	320	16	1
21	5600	11.0	448	15	1
22	5610	14.2	440	16	1
23	5610	13.0	272	14	1
24	5620	18.0	361	16	1
25	5620	11.3	307	15	1
26	5630	12.4	384	16	1
27	5630	14.5	466	12	1
28	5640	18.6	408	16	1
29	5640	17.9	350	15	1
30	5649	17.5	330	14	1
Detection Percentage (%)					100%

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

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



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	5495.2	1	16	5570.0	1
2	5499.2	1	17	5570.0	1
3	5496.8	1	18	5570.0	1
4	5495.6	1	19	5570.0	1
5	5494.0	1	20	5570.0	1
6	5499.6	1	21	5640.8	1
7	5498.8	1	22	5642.4	1
8	5496.0	1	23	5643.2	1
9	5497.6	1	24	5644.0	1
10	5494.4	1	25	5644.4	1
11	5570.0	1	26	5644.8	1
12	5570.0	1	27	5645.6	1
13	5570.0	1	28	5646.0	1
14	5570.0	1	29	5641.2	1
15	5570.0	1	30	5640.4	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	359495	2	8	80	1739	1720	0	359495	0	599999
2	743340	1	8	60	1424	0	0	1106294	600000	1199999
3	207489	2	8	95	1362	1071	0	1315207	1200000	1799999
4	977425	2	8	65	1833	1822	0	2295065	1800000	2399999
5	416634	3	8	70	1784	1664	1594	2715354	2400000	2999999
6	506225	1	8	80	1840	0	0	3226621	3000000	3599999
7	844977	1	8	65	1872	0	0	4073438	3600000	4199999
8	239392	3	8	75	1475	1191	1640	4314702	4200000	4799999
9	599338	3	8	70	1127	1390	1643	4918346	4800000	5399999
10	522027	1	8	75	1351	0	0	5444533	5400000	5999999
11	675973	3	8	90	1356	1479	1800	6121457	6000000	6599999
12	1025358	2	8	60	1615	1289	0	7151450	6600000	7199999
13	416546	1	8	90	1834	0	0	7570900	7200000	7799999
14	512166	3	8	75	1839	1380	1174	8084900	7800000	8399999
15	414346	3	8	70	1903	1439	1063	8503639	8400000	8999999
16	724405	3	8	100	1996	1133	1121	9232449	9000000	9599999
17	634024	2	8	50	1421	1324	0	9870723	9600000	10199999
18	891025	3	8	50	1405	1657	1483	10764494	10200000	10799999
19	413046	2	8	100	1710	1351	0	11182085	10800000	11399999
20	507031	2	8	80	1032	1121	0	11692177	11400000	11999999
Total number of pulses in waveform = 43										
*****										



### Type 5 Radar Waveform\_2

Num of Bursts = 18  
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	579218	3	18	55	1606	1358	1338	579218	0	666666
2	529889	1	18	70	1616	0	0	1113409	666667	1333333
3	574157	3	18	70	1449	1577	1191	1689182	1333334	2000000
4	537912	2	18	50	1540	1842	0	2231311	2000001	2666667
5	664385	2	18	80	1100	1229	0	2899078	2666668	3333334
6	647467	3	18	70	1689	1526	1647	3548874	3333335	4000001
7	1040317	2	18	100	1917	1612	0	4594053	4000002	4666668
8	551481	2	18	55	1575	1465	0	5149053	4666669	5333335
9	410475	2	18	75	1375	1641	0	5562578	5333336	6000002
10	1062650	2	18	55	1805	1541	0	6628244	6000003	6666669
11	369144	1	18	75	1813	0	0	7000734	6666670	7333336
12	871082	3	18	85	1991	1544	1080	7873629	7333337	8000003
13	562349	3	18	55	1191	1000	1348	8440593	8000004	8666670
14	376428	2	18	70	1355	1950	0	8820560	8666671	9333337
15	536987	2	18	55	1907	1050	0	9360852	9333338	10000004
16	979346	3	18	75	1571	1172	1709	10343155	10000005	10666671
17	560431	2	18	70	1352	1109	0	10908038	10666672	11333338
18	932055	1	18	100	1186	0	0	11842554	11333339	12000005

Total number of pulses in waveform = 39  
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### Type 5 Radar Waveform\_3

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	355523	3	12	90	1473	1880	1908	355523	0	1333332
2	1556587	1	12	70	1849	0	0	1917371	1333333	2666665
3	1433391	3	12	50	1018	1530	1850	3352611	2666666	3999998
4	1468476	1	12	65	1125	0	0	4825485	3999999	5333331
5	511152	3	12	90	1898	1855	1739	5337762	5333332	6666664
6	2468813	3	12	50	1316	1125	1909	7812067	6666665	7999997
7	495179	1	12	75	1971	0	0	8311596	7999998	9333330
8	2315088	1	12	75	1060	0	0	10628655	9333331	10666663
9	632855	3	12	65	1192	1670	1693	11262570	10666664	11999996

Total number of pulses in waveform = 19  
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### Type 5 Radar Waveform\_4

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	162802	1	9	80	1427	0	0	162802	0	999999
2	1556657	2	9	50	1762	1779	0	1720886	1000000	1999999
3	1188601	3	9	70	1886	1548	1369	2913028	2000000	2999999
4	298080	3	9	65	1511	1895	1977	3215911	3000000	3999999
5	1414025	2	9	55	1215	1989	0	4635319	4000000	4999999
6	551984	3	9	55	1730	1027	1147	5190507	5000000	5999999
7	1576253	2	9	60	1074	1792	0	6770664	6000000	6999999
8	594660	2	9	95	1433	1967	0	7368190	7000000	7999999
9	743731	3	9	65	1225	1425	1365	8115321	8000000	8999999
10	1590717	2	9	85	1893	1292	0	9710053	9000000	9999999
11	1276601	2	9	60	1372	1423	0	10989839	10000000	10999999
12	453183	2	9	75	1474	1257	0	11445817	11000000	11999999

Total number of pulses in waveform = 27  
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Type 5 Radar Waveform\_5

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	964368	3	5	90	1746	1655	1242	964368	0	999999
2	551697	1	5	50	1944	0	0	1520708	1000000	1999999
3	1231890	2	5	55	1468	1611	0	2754542	2000000	2999999
4	845088	1	5	95	1796	0	0	3602709	3000000	3999999
5	486304	1	5	50	1611	0	0	4090809	4000000	4999999
6	1077784	1	5	75	1674	0	0	5170204	5000000	5999999
7	1772838	2	5	65	1508	1967	0	6944716	6000000	6999999
8	225578	2	5	70	1981	1866	0	7173769	7000000	7999999
9	1592121	2	5	90	1194	1758	0	8769737	8000000	8999999
10	354853	1	5	75	1693	0	0	9127542	9000000	9999999
11	1811126	3	5	50	1833	1682	1789	10940361	10000000	10999999
12	541171	3	5	95	1218	1814	1845	11486836	11000000	11999999

Total number of pulses in waveform = 22

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Type 5 Radar Waveform\_6

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	175474	1	19	80	1948	0	0	175474	0	1199999
2	1757097	2	19	60	1473	1918	0	1934519	1200000	2399999
3	984142	3	19	60	1807	1249	1001	2922052	2400000	3599999
4	1677920	1	19	65	1952	0	0	4604029	3600000	4799999
5	779215	3	19	60	1385	1826	1087	5385196	4800000	5999999
6	1524329	3	19	60	1274	1216	1549	6913823	6000000	7199999
7	1102981	2	19	60	1822	1884	0	8020843	7200000	8399999
8	1304112	3	19	85	1172	1271	1579	9328661	8400000	9599999
9	774305	1	19	60	1904	0	0	10106988	9600000	10799999
10	1014755	3	19	90	1161	1709	1799	11123647	10800000	11999999

Total number of pulses in waveform = 22

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Type 5 Radar Waveform\_7

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	561134	3	17	95	1715	1008	1335	561134	0	1333332
2	1933646	3	17	60	1027	1087	1108	2498838	1333333	2666665
3	922647	3	17	80	1023	1596	1408	3424707	2666666	3999998
4	1319118	3	17	90	1862	1142	1141	4747852	3999999	5333331
5	729023	1	17	90	1722	0	0	5481020	5333332	6666664
6	1645408	2	17	75	1698	1981	0	7128150	6666665	7999997
7	1980818	2	17	75	1017	1815	0	9112647	7999998	9333330
8	320150	3	17	60	1821	1707	1626	9435629	9333331	10666663
9	1462873	1	17	70	1104	0	0	10903656	10666664	11999996

Total number of pulses in waveform = 21

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### Type 5 Radar Waveform\_8

Num of Bursts = 13  
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	892387	3	10	80	1453	1783	1290	892387	0	923076
2	907212	1	10	70	1262	0	0	1804125	923077	1846153
3	652100	1	10	70	1043	0	0	2457487	1846154	2769230
4	1022125	2	10	60	1377	1599	0	3480655	2769231	3692307
5	738713	3	10	90	1922	1186	1720	4222344	3692308	4615384
6	1189868	1	10	100	1139	0	0	5417040	4615385	5538461
7	438186	3	10	70	1337	1857	1710	5856365	5538462	6461538
8	1140994	2	10	80	1319	1789	0	7002263	6461539	7384615
9	1091759	3	10	80	1474	1067	1395	8097130	7384616	8307692
10	490982	2	10	100	1278	1720	0	8592048	8307693	9230769
11	1230907	1	10	95	1130	0	0	9825953	9230770	10153846
12	747947	2	10	65	1391	1452	0	10575030	10153847	11076923
13	1077704	1	10	80	1217	0	0	11655577	11076924	12000000

Total number of pulses in waveform = 25  
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### Type 5 Radar Waveform\_9

Num of Bursts = 19  
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	270102	1	14	80	1910	0	0	270102	0	631578
2	874426	1	14	95	1410	0	0	1146438	631579	1263157
3	164738	3	14	50	1786	1826	1040	1312586	1263158	1894736
4	836861	3	14	65	1710	1048	1454	2154099	1894737	2526315
5	513756	3	14	60	1527	1214	1411	2672067	2526316	3157894
6	572485	3	14	50	1438	1577	1601	3248704	3157895	3789473
7	1060490	3	14	85	1804	1560	1286	4313810	3789474	4421052
8	543415	3	14	65	1590	1141	1723	4861865	4421053	5052631
9	548708	1	14	100	1354	0	0	5415027	5052632	5684210
10	826585	2	14	80	1176	1193	0	6242966	5684211	6315789
11	614168	1	14	55	1184	0	0	6859503	6315790	6947368
12	655195	1	14	80	1519	0	0	7515882	6947369	7578947
13	562430	1	14	60	1784	0	0	8079831	7578948	8210526
14	721963	3	14	100	1196	1342	1497	8803578	8210527	8842105
15	203274	3	14	70	1388	1251	1381	9010887	8842106	9473684
16	894001	2	14	100	1017	1974	0	9908908	9473685	10105263
17	205916	3	14	75	1047	1021	1006	10117815	10105264	10736842
18	874556	1	14	50	1259	0	0	10995445	10736843	11368421
19	444415	3	14	50	1297	1072	1206	11441119	11368422	12000000

Total number of pulses in waveform = 41  
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### Type 5 Radar Waveform\_10

Num of Bursts = 20  
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	397272	3	6	70	1664	1958	1469	662140	0	599999
2	354642	3	6	75	1878	1894	1288	964503	600000	1199999
3	1055349	2	6	80	1903	1206	0	1323905	1200000	1799999
4	431992	1	6	70	1257	0	0	2382363	1800000	2399999
5	612115	1	6	85	1450	0	0	2815612	2400000	2999999
6	684478	2	6	70	1376	1911	0	3429177	3000000	3599999
7	509120	3	6	60	1251	1826	1321	4116942	3600000	4199999
8	194927	3	6	75	1428	1470	1332	4630360	4200000	4799999
9	934722	3	6	90	1911	1232	1227	4829517	4800000	5399999
10	452082	1	6	90	1250	0	0	5768609	5400000	5999999
11	470621	3	6	75	1413	1490	1913	6221941	6000000	6599999
12	599697	3	6	90	1945	1033	1935	6697378	6600000	7199999
13	531196	2	6	70	1469	1258	0	7301988	7200000	7799999
14	838417	3	6	55	1269	1626	1636	7835911	7800000	8399999
15	480817	2	6	65	1692	1865	0	8678859	8400000	8999999
16	870669	3	6	100	1763	1275	1741	9163233	9000000	9599999
17	636043	1	6	60	1684	0	0	10038681	9600000	10199999
18	594514	2	6	75	1792	1680	0	10676408	10200000	10799999
19	529030	1	6	85	1205	0	0	11274394	10800000	11399999
20	529030	3	6	70	1850	1832	1432	11804629	11400000	11999999

Total number of pulses in waveform = 45  
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### Type 5 Radar Waveform\_11

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	605725	3	18	50	1452	1977	1392	605725	0	705881
2	566147	1	18	85	1364	0	0	1176693	705882	1411763
3	671942	1	18	60	1030	0	0	1849999	1411764	2117645
4	665262	1	18	70	1350	0	0	2516291	2117646	2823527
5	462823	2	18	75	1035	1942	0	2980464	2823528	3529409
6	684547	2	18	50	1692	1107	0	3667988	3529410	4235291
7	1234609	2	18	95	1950	1741	0	4905396	4235292	4941173
8	204664	3	18	60	1726	1017	1183	5113751	4941174	5647055
9	824363	1	18	55	1350	0	0	5942040	5647056	6352937
10	503264	1	18	80	1051	0	0	6446654	6352938	7058819
11	1275202	1	18	60	1331	0	0	7722907	7058820	7764701
12	394470	3	18	65	1491	1120	1548	8118708	7764702	8470583
13	422443	2	18	95	1232	1510	0	8545310	8470584	9176465
14	739043	3	18	60	1207	1099	1169	9287095	9176466	9882347
15	732030	1	18	100	1519	0	0	10022600	9882348	10588229
16	927346	1	18	85	1433	0	0	10951465	10588230	11294111
17	523205	2	18	90	1702	1082	0	11476103	11294112	11999993

Num of Bursts = 17  
Burst Interval (us)= 705882  
Total number of pulses in waveform = 30  
\*\*\*\*\*

### Type 5 Radar Waveform\_12

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	275773	3	5	75	1262	1014	1569	275773	0	599999
2	787931	1	5	80	1556	0	0	1067539	600000	1199999
3	667760	1	5	60	1946	0	0	1736855	1200000	1799999
4	448518	3	5	70	1938	1095	1938	2187319	1800000	2399999
5	397663	1	5	95	1556	0	0	2589953	2400000	2999999
6	475536	2	5	65	1357	1894	0	3067045	3000000	3599999
7	694755	1	5	75	1917	0	0	3765051	3600000	4199999
8	971185	2	5	70	1751	1808	0	4738153	4200000	4799999
9	466430	3	5	75	1328	1626	1166	5208142	4800000	5399999
10	657854	2	5	65	1516	1627	0	5870116	5400000	5999999
11	213956	1	5	70	1959	0	0	6087215	6000000	6599999
12	971837	2	5	70	1153	1642	0	7061011	6800000	7199999
13	273505	2	5	90	1481	1136	0	7337311	7200000	7799999
14	657653	1	5	70	1297	0	0	7997581	7800000	8399999
15	864092	1	5	55	1160	0	0	8862970	8400000	8999999
16	135980	3	5	90	1611	1722	1553	9000110	9000000	9599999
17	1025355	2	5	55	1615	1906	0	10030351	9600000	10199999
18	703546	2	5	95	1084	1160	0	10737418	10200000	10799999
19	586116	2	5	70	1860	1972	0	11325768	10800000	11399999
20	604900	2	5	60	1305	1446	0	11934500	11400000	11999999

Num of Bursts = 20  
Burst Interval (us)= 600000  
Total number of pulses in waveform = 37  
\*\*\*\*\*

### Type 5 Radar Waveform\_13

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	7864	1	6	75	1643	0	0	7864	0	705881
2	1006751	2	6	80	1391	1351	0	1016258	705882	1411763
3	586424	3	6	50	1461	1663	1815	1605424	1411764	2117645
4	1131959	2	6	60	1425	1299	0	2742322	2117646	2823527
5	528031	2	6	85	1915	1335	0	3273077	2823528	3529409
6	725775	2	6	50	1928	1873	0	4002102	3529410	4235291
7	737476	1	6	50	1493	0	0	4743379	4235292	4941173
8	554577	3	6	80	1605	1063	1487	5299449	4941174	5647055
9	450892	2	6	95	1270	1800	0	5754496	5647056	6352937
10	612159	3	6	85	1586	1824	1542	6369725	6352938	7058819
11	1261010	3	6	75	1244	1176	1308	7635687	7058820	7764701
12	462612	2	6	60	1951	1766	0	8102027	7764702	8470583
13	786672	1	6	50	1785	0	0	8892416	8470584	9176465
14	576935	2	6	60	1208	1317	0	9471136	9176466	9882347
15	411359	1	6	85	1957	0	0	9885020	9882348	10588229
16	863684	2	6	60	1871	1323	0	10750661	10588230	11294111
17	726797	2	6	95	1994	1862	0	11480652	11294112	11999993

Num of Bursts = 17  
Burst Interval (us)= 705882  
Total number of pulses in waveform = 34  
\*\*\*\*\*



### Type 5 Radar Waveform\_14

Num of Bursts = 19  
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	269660	3	8	50	1654	1421	1276	269660	0	631578
2	704283	1	8	100	1947	0	0	978294	631579	1263157
3	768284	2	8	80	1296	1167	0	1748525	1263158	1894736
4	705737	2	8	70	1769	1251	0	2456725	1894737	2526315
5	370871	2	8	100	1066	1018	0	2830616	2526316	3157894
6	765833	1	8	50	1548	0	0	3598533	3157895	3789473
7	466861	3	8	60	1038	1202	1446	4066942	3789474	4421052
8	444190	2	8	60	1443	1446	0	4514818	4421053	5052631
9	698238	2	8	55	1677	1724	0	5215945	5052632	5684210
10	697384	3	8	50	1856	1976	1017	5916730	5684211	6315789
11	544223	3	8	75	1040	1806	1430	6465802	6315790	6947368
12	845213	2	8	95	1835	1474	0	7315291	6947369	7578947
13	537225	2	8	95	1123	1879	0	7855825	7578948	8210526
14	750575	3	8	80	1752	1641	1079	8609402	8210527	8842105
15	330314	3	8	80	1663	1137	1466	8944188	8842106	9473684
16	1087483	1	8	55	1902	0	0	10035937	9473685	10105263
17	140313	2	8	70	1980	1679	0	10178152	10105264	10736842
18	1163941	1	8	90	1168	0	0	11345752	10736843	11368421
19	461562	1	8	85	1165	0	0	11808482	11368422	12000000

Total number of pulses in waveform = 39  
\*\*\*\*\*

### Type 5 Radar Waveform\_15

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	12262	2	9	75	1904	1967	0	12262	0	857142
2	1415227	2	9	100	1161	1783	0	1431360	857143	1714285
3	746929	2	9	95	1488	1959	0	2181233	1714286	2571428
4	702732	3	9	90	1887	1542	1334	2887412	2571429	3428571
5	832853	3	9	75	1880	1390	1368	3725028	3428572	4285714
6	824494	2	9	55	1636	1818	0	4554160	4285715	5142857
7	1166010	3	9	85	1006	1842	1709	5723624	5142858	6000000
8	924210	3	9	70	1408	1395	1833	6652391	6000001	6857143
9	529503	3	9	85	1651	1001	1331	7186530	6857144	7714286
10	716142	2	9	70	1155	1356	0	7906655	7714287	8571429
11	1498496	1	9	95	1298	0	0	9407662	8571430	9428572
12	484219	2	9	70	1219	1050	0	9893179	9428573	10285715
13	398851	3	9	80	1012	1170	1556	10294299	10285716	11142858
14	1483016	1	9	70	1359	0	0	11781053	11142859	12000001

Total number of pulses in waveform = 32  
\*\*\*\*\*

### Type 5 Radar Waveform\_16

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	292333	1	17	85	1709	0	0	292333	0	1090908
2	999527	1	17	65	1752	0	0	1293569	1090909	2181817
3	901390	1	17	95	1389	0	0	2196711	2181818	3272726
4	1893749	1	17	60	1958	0	0	4091849	3272727	4363635
5	380715	1	17	75	1020	0	0	4474522	4363636	5454544
6	1548575	2	17	50	1528	1528	0	6024117	5454545	6545453
7	778700	3	17	70	1530	1835	1542	6805873	6545454	7636362
8	1603893	2	17	85	1482	1554	0	8414673	7636363	8727271
9	374652	2	17	80	1517	1507	0	8792361	8727272	9818180
10	1420311	3	17	50	1252	1110	1201	10215696	9818181	10909089
11	1067348	1	17	80	1250	0	0	11286607	10909090	11999998

Total number of pulses in waveform = 18  
\*\*\*\*\*



### Type 5 Radar Waveform\_17

Num of Bursts = 18  
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	608798	2	14	60	1766	1460	0	608798	0	666666
2	209125	2	14	65	1647	1899	0	821149	666667	1333333
3	1023049	1	14	95	1772	0	0	1847744	1333334	2000000
4	253311	3	14	75	1419	1662	1514	2102827	2000001	2666667
5	793757	3	14	65	1598	1583	1193	2901179	2666668	3333334
6	925938	3	14	80	1994	1457	1450	3831491	3333335	4000001
7	727714	3	14	70	1644	1894	1289	4564106	4000002	4666668
8	401826	2	14	80	1242	1227	0	4970759	4666669	5333335
9	1006711	1	14	70	1370	0	0	5979939	5333336	6000002
10	468224	1	14	50	1406	0	0	6439533	6000003	6666669
11	532624	2	14	50	1661	1766	0	6973563	6666670	7333336
12	832185	1	14	60	1050	0	0	7809175	7333337	8000003
13	608739	2	14	65	1294	1965	0	8418964	8000004	8666670
14	698966	1	14	75	1669	0	0	9121189	8666671	9333337
15	357342	3	14	95	1468	1311	1299	9480200	9333338	10000004
16	1024675	2	14	100	1264	1424	0	10508953	10000005	10666671
17	430563	2	14	50	1005	1684	0	10942204	10666672	11333338
18	407526	2	14	55	1986	1591	0	11352419	11333339	12000005

Total number of pulses in waveform = 36  
\*\*\*\*\*

### Type 5 Radar Waveform\_18

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	396822	3	10	75	1517	1673	1505	396822	0	1333332
2	1350005	2	10	80	1876	1594	0	1751522	1333333	2666665
3	1746230	2	10	80	1306	1124	0	3501222	2666666	3999998
4	1189643	3	10	55	1330	1715	1247	4693295	3999999	5333331
5	1245847	1	10	95	1999	0	0	5943434	5333332	6666664
6	1599512	2	10	60	1840	1172	0	7544945	6666665	7999997
7	866969	3	10	75	1364	1161	1384	8414926	7999998	9333330
8	2065499	2	10	50	1863	1052	0	10484334	9333331	10666663
9	205647	2	10	60	1194	1341	0	10692896	10666664	11999996

Total number of pulses in waveform = 20  
\*\*\*\*\*

### Type 5 Radar Waveform\_19

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	131432	1	19	85	1900	0	0	131432	0	857142
2	1147444	1	19	55	1828	0	0	1280776	857143	1714285
3	1121770	2	19	95	1591	1104	0	2404374	1714286	2571428
4	502585	3	19	55	1481	1431	1214	2909654	2571429	3428571
5	1205959	3	19	55	1536	1403	1199	4119739	3428572	4285714
6	953061	2	19	50	1586	1134	0	5076938	4285715	5142857
7	394198	1	19	80	1043	0	0	5473856	5142858	6000000
8	882785	2	19	70	1749	1318	0	6357684	6000001	6857143
9	597176	2	19	85	1762	1662	0	6957927	6857144	7714286
10	1309593	2	19	95	1626	1589	0	8270944	7714287	8571429
11	824363	1	19	50	1250	0	0	9098522	8571430	9428572
12	646708	3	19	75	1362	1222	1532	9746480	9428573	10285715
13	1226572	1	19	75	1509	0	0	10977168	10285716	11142858
14	872384	1	19	65	1549	0	0	11851061	11142859	12000001

Total number of pulses in waveform = 25  
\*\*\*\*\*



### Type 5 Radar Waveform\_20

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	407012	3	12	90	1964	1927	1404	407012	0	1333332
2	1137945	1	12	95	1809	0	0	1550252	1333333	2666665
3	1835966	3	12	55	1395	1209	1565	3388027	2666666	3999998
4	636714	1	12	90	1240	0	0	4028910	3999999	5333331
5	2540326	2	12	55	1054	1786	0	6570476	5333332	6666664
6	1406050	3	12	85	1879	1302	1790	7979366	6666665	7999997
7	306366	2	12	90	1532	1551	0	8290703	7999998	9333330
8	1308340	3	12	50	1119	1278	1446	9602126	9333331	10666663
9	2335928	2	12	65	1466	1267	0	11941897	10666664	11999996

Total number of pulses in waveform = 20  
\*\*\*\*\*

### Type 5 Radar Waveform\_21

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1017265	3	18	95	1132	1151	1715	1017265	0	1199999
2	1266399	3	18	85	1878	1425	1430	2287662	1200000	2399999
3	954465	3	18	95	1122	1773	1452	3246860	2400000	3599999
4	632822	2	18	50	1003	1748	0	3884029	3600000	4799999
5	1590987	2	18	70	1031	1213	0	5477767	4800000	5999999
6	794779	1	18	50	1134	0	0	6274790	6000000	7199999
7	1080879	3	18	55	1306	1476	1077	7356803	7200000	8399999
8	1721155	3	18	70	1913	1022	1904	9081817	8400000	9599999
9	760379	3	18	85	1754	1969	1472	9847035	9600000	10799999
10	1411156	1	18	85	1759	0	0	11263386	10800000	11999999

Total number of pulses in waveform = 24  
\*\*\*\*\*

### Type 5 Radar Waveform\_22

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	958848	2	14	70	1017	1023	0	958848	0	999999
2	503972	1	14	65	1620	0	0	1464860	1000000	1999999
3	1229605	1	14	75	1761	0	0	2696085	2000000	2999999
4	1221896	1	14	65	1113	0	0	3919742	3000000	3999999
5	484074	3	14	60	1877	1226	1198	4404929	4000000	4999999
6	712243	3	14	95	1270	1802	1768	5121473	5000000	5999999
7	1310162	2	14	80	1681	1875	0	6436475	6000000	6999999
8	1220306	1	14	85	1440	0	0	7660337	7000000	7999999
9	733917	3	14	70	1697	1481	1973	8395694	8000000	8999999
10	1100543	1	14	90	1864	0	0	9501388	9000000	9999999
11	942787	2	14	60	1996	1579	0	10446039	10000000	10999999
12	1533210	2	14	70	1651	1235	0	11982824	11000000	11999999

Total number of pulses in waveform = 22  
\*\*\*\*\*



### Type 5 Radar Waveform\_23

Num of Bursts = 9  
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	587686	3	12	90	1650	1705	1996	587686	0	1333332
2	1019202	1	12	50	1892	0	0	1612239	1333333	2666665
3	1437077	3	12	100	1789	1781	1031	3051208	2666666	3999998
4	1119638	2	12	70	1037	1735	0	4175447	3999999	5333331
5	1743722	3	12	85	1800	1244	1592	5921941	5333332	6666664
6	1923634	2	12	60	1862	1071	0	7850211	6666665	7999997
7	195661	3	12	90	1570	1732	1417	8048805	7999998	9333330
8	1626468	2	12	85	1169	1953	0	9679992	9333331	10666663
9	1108955	1	12	80	1275	0	0	10792069	10666664	11999996

Total number of pulses in waveform = 20  
\*\*\*\*\*

### Type 5 Radar Waveform\_24

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	908136	1	10	90	1757	0	0	908136	0	1199999
2	1250071	2	10	95	1116	1558	0	2159964	1200000	2399999
3	1226060	2	10	90	1135	1837	0	3388698	2400000	3599999
4	953803	1	10	80	1035	0	0	4345473	3600000	4799999
5	577817	3	10	80	1492	1222	1619	4924325	4800000	5999999
6	1352534	1	10	100	1476	0	0	6281192	6000000	7199999
7	1328308	1	10	95	1355	0	0	7610976	7200000	8399999
8	979232	3	10	55	1555	1764	1245	8591563	8400000	9599999
9	1014879	1	10	65	1005	0	0	9611006	9600000	10799999
10	1486472	3	10	75	1548	1140	1790	11098483	10800000	11999999

Total number of pulses in waveform = 18  
\*\*\*\*\*

### Type 5 Radar Waveform\_25

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	758856	1	9	65	1406	0	0	758856	0	1090908
2	448694	1	9	85	1442	0	0	1208956	1090909	2181817
3	1998512	2	9	85	1246	1578	0	3208910	2181818	3272726
4	248017	1	9	80	1742	0	0	3459751	3272727	4363635
5	1641822	1	9	95	1921	0	0	5103315	4363636	5454544
6	494142	3	9	80	1336	1174	1560	5599378	5454545	6545453
7	1423642	3	9	80	1649	1738	1675	7027090	6545454	7636362
8	1415682	3	9	55	1341	1775	1787	8447834	7636363	8727271
9	810504	1	9	70	1644	0	0	9263241	8727272	9818180
10	1206332	2	9	95	1451	1933	0	10471217	9818181	10909089
11	1407059	1	9	65	1402	0	0	11881660	10909090	11999998

Total number of pulses in waveform = 19  
\*\*\*\*\*



### Type 5 Radar Waveform\_26

Num of Bursts = 12  
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	848677	1	8	75	1421	0	0	848677	0	999999
2	576721	3	8	50	1516	1522	1167	1426819	1000000	1999999
3	1149214	2	8	50	1107	1993	0	2580238	2000000	2999999
4	466244	1	8	65	1695	0	0	3049582	3000000	3999999
5	1732003	1	8	90	1633	0	0	4783280	4000000	4999999
6	277507	1	8	80	1255	0	0	5062420	5000000	5999999
7	1619741	3	8	95	1084	1682	1843	6683416	6000000	6999999
8	899205	2	8	75	1814	1390	0	7587230	7000000	7999999
9	861946	1	8	65	1869	0	0	8452380	8000000	8999999
10	1173204	1	8	70	1378	0	0	9627453	9000000	9999999
11	1277601	1	8	85	1599	0	0	10906432	10000000	10999999
12	422723	2	8	80	1798	1488	0	11330754	11000000	11999999

Total number of pulses in waveform = 19  
\*\*\*\*\*

### Type 5 Radar Waveform\_27

Num of Bursts = 14  
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	462902	3	6	60	1619	1848	1534	462902	0	857142
2	908616	3	6	50	1579	1563	1170	1376519	857143	1714285
3	519434	3	6	90	1509	1477	1123	1900265	1714286	2571428
4	905254	3	6	55	1438	1271	1057	2809628	2571429	3428571
5	1094320	2	6	100	1394	1306	0	3907714	3428572	4285714
6	385381	1	6	70	1618	0	0	4295795	4285715	5142857
7	886389	1	6	100	1040	0	0	5183802	5142858	6000000
8	1491230	1	6	60	1584	0	0	6676072	6000001	6857143
9	478123	3	6	95	1652	1356	1377	7155779	6857144	7714286
10	701914	1	6	60	1748	0	0	7862078	7714287	8571429
11	1467446	3	6	70	1611	1374	1385	9331272	8571430	9428572
12	377752	2	6	60	1491	1115	0	9713394	9428573	10285715
13	896326	2	6	70	1899	1140	0	10612326	10285716	11142858
14	1296596	2	6	55	1244	1515	0	11911961	11142859	12000001

Total number of pulses in waveform = 30  
\*\*\*\*\*

### Type 5 Radar Waveform\_28

Num of Bursts = 16  
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	18101	3	5	100	1722	1051	1451	18101	0	749999
2	1040486	1	5	85	1519	0	0	1062811	750000	1499999
3	528761	3	5	90	1321	1290	1367	1593091	1500000	2249999
4	851088	1	5	85	1354	0	0	2448157	2250000	2999999
5	824992	1	5	90	1185	0	0	3274503	3000000	3749999
6	1030714	3	5	70	1986	1149	1173	4306402	3750000	4499999
7	871107	2	5	70	1038	1040	0	5181817	4500000	5249999
8	463202	2	5	100	1163	1313	0	5647097	5250000	5999999
9	695321	1	5	50	1812	0	0	6344894	6000000	6749999
10	799297	1	5	55	1614	0	0	7146003	6750000	7499999
11	1068786	3	5	100	1343	1904	1371	8216403	7500000	8249999
12	381961	3	5	80	1766	1219	1989	8602982	8250000	8999999
13	471090	1	5	100	1509	0	0	9079046	9000000	9749999
14	886294	2	5	100	1874	1965	0	9966849	9750000	10499999
15	543663	3	5	85	1866	1173	1988	10514351	10500000	11249999
16	1193727	2	5	60	1113	1039	0	11713105	11250000	11999999

Total number of pulses in waveform = 32  
\*\*\*\*\*



### Type 5 Radar Waveform\_29

Num of Bursts = 10  
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	931615	1	17	95	1717	0	0	931615	0	1199999
2	734553	3	17	100	1940	1064	1162	1667885	1200000	2399999
3	846875	1	17	85	1983	0	0	2518926	2400000	3599999
4	2081567	2	17	50	1345	1468	0	4602476	3600000	4799999
5	1169197	2	17	75	1439	1895	0	5774486	4800000	5999999
6	819405	2	17	85	1182	1894	0	6597225	6000000	7199999
7	1443410	2	17	55	1516	1422	0	8043711	7200000	8399999
8	1506474	1	17	100	1557	0	0	9553123	8400000	9599999
9	163947	2	17	95	1098	1910	0	9718627	9600000	10799999
10	1329075	3	17	85	1022	1700	1917	11050710	10800000	11999999

Total number of pulses in waveform = 19

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### Type 5 Radar Waveform\_30

Num of Bursts = 11  
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	767418	3	19	90	1811	1946	1538	767418	0	1090908
2	423925	2	19	65	1039	1812	0	1196638	1090909	2181817
3	1925149	1	19	100	1864	0	0	3124638	2181818	3272726
4	209948	1	19	65	1188	0	0	3336450	3272727	4363635
5	1337922	2	19	70	1286	1742	0	4675560	4363636	5454544
6	1049262	2	19	65	1205	1348	0	5727850	5454545	6545453
7	1251540	3	19	55	1632	1776	1729	6981943	6545454	7636362
8	1001710	3	19	65	1867	1843	1277	7988790	7636363	8727271
9	808335	3	19	85	1043	1880	1774	8802112	8727272	9818180
10	1733477	3	19	75	1840	1645	1578	10540286	9818181	10909089
11	660605	3	19	100	1434	1787	1191	11205954	10909090	11999998

Total number of pulses in waveform = 26

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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	5580	1
2	5491	1	17	5580	1
3	5510	1	18	5590	1
4	5510	1	19	5590	1
5	5520	1	20	5600	1
6	5520	1	21	5600	1
7	5530	1	22	5610	1
8	5530	1	23	5610	1
9	5540	1	24	5620	1
10	5540	1	25	5620	1
11	5550	1	26	5630	1
12	5550	1	27	5630	1
13	5560	1	28	5640	1
14	5560	1	29	5640	1
15	5570	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)
10	5499	30	1	5484	3
18	5489	54	2	5500	6
22	5519	66	6	5524	18
46	5513	138	10	5465	30
49	5470	147	11	5507	33
51	5516	153	17	5502	51
61	5483	183	33	5501	99
64	5518	192	36	5475	108
73	5468	219	42	5504	126
75	5495	225	43	5520	129
95	5490	285	55	5523	165
--	--	--	60	5478	180
--	--	--	63	5467	189
--	--	--	64	5510	192
--	--	--	98	5493	294



Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5516	0	5	5510	15
7	5539	21	18	5489	54
8	5537	24	51	5520	153
9	5504	27	52	5503	156
16	5487	48	56	5499	168
20	5512	60	61	5511	183
21	5488	63	70	5538	210
36	5536	108	84	5497	252
47	5496	141	86	5540	258
54	5490	162	--	--	--
61	5497	183	--	--	--
71	5495	213	--	--	--
75	5501	225	--	--	--
77	5508	231	--	--	--
82	5491	246	--	--	--
86	5502	258	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
23	5500	69	2	5499	6
28	5509	84	10	5493	30
29	5495	87	17	5524	51
39	5517	117	31	5496	93
41	5520	123	33	5510	99
46	5544	138	36	5540	108
63	5499	189	42	5531	126
74	5504	222	48	5535	144
78	5545	234	70	5521	210
85	5530	255	84	5539	252
94	5512	282	88	5503	264
97	5539	291	89	5530	267
--	--	--	92	5502	276



Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5554	0	16	5551	48
1	5526	3	40	5521	120
5	5547	15	45	5537	135
25	5540	75	54	5525	162
46	5537	138	68	5536	204
47	5538	141	70	5505	210
54	5523	162	81	5560	243
58	5553	174	91	5543	273
65	5542	195	--	--	--
75	5556	225	--	--	--
81	5544	243	--	--	--
83	5506	249	--	--	--
88	5536	264	--	--	--
90	5552	270	--	--	--
91	5558	273	--	--	--
95	5546	285	--	--	--
96	5557	288	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5525	0	2	5550	6
6	5514	18	5	5533	15
14	5561	42	6	5540	18
35	5562	105	16	5522	48
54	5553	162	38	5548	114
64	5530	192	41	5551	123
69	5565	207	54	5547	162
75	5542	225	65	5512	195
78	5547	234	73	5532	219
86	5512	258	99	5539	297
90	5570	270	--	--	--
98	5540	294	--	--	--



Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5571	24	5	5551	15
11	5557	33	12	5522	36
19	5524	57	16	5532	48
20	5548	60	22	5569	66
23	5544	69	23	5533	69
41	5521	123	66	5558	198
49	5572	147	71	5529	213
54	5577	162	96	5571	288
57	5579	171	--	--	--
85	5523	255	--	--	--
92	5520	276	--	--	--
98	5535	294	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5543	3	3	5532	9
14	5566	42	11	5534	33
18	5561	54	35	5554	105
20	5551	60	42	5551	126
27	5536	81	43	5552	129
32	5584	96	53	5583	159
52	5568	156	54	5568	162
53	5578	159	67	5541	201
54	5581	162	--	--	--
62	5586	186	--	--	--
69	5553	207	--	--	--
75	5541	225	--	--	--
77	5556	231	--	--	--
99	5555	297	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
24	5550	72	1	5560	3
36	5546	108	28	5574	84
38	5574	114	29	5550	87
41	5594	123	53	5571	159
45	5575	135	56	5602	168
46	5547	138	68	5572	204
61	5543	183	72	5570	216
77	5556	231	75	5593	225
87	5551	261	--	--	--
91	5576	273	--	--	--
96	5558	288	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
20	5603	60	14	5604	42
28	5575	84	29	5591	87
30	5559	90	33	5586	99
52	5561	156	39	5596	117
53	5558	159	72	5603	216
64	5568	192	73	5602	219
74	5585	222	79	5580	237
81	5587	243	97	5585	291
83	5582	249	99	5576	297
84	5551	252	--	--	--
87	5581	261	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5575	27	0	5596	0
13	5618	39	16	5583	48
16	5613	48	37	5574	111
62	5614	186	42	5615	126
66	5577	198	48	5593	144
68	5607	204	64	5575	192
71	5580	213	68	5579	204
75	5579	225	70	5573	210
81	5572	243	71	5629	213
95	5609	285	75	5585	225
--	--	--	76	5588	228

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5615	27	3	5589	9
10	5626	30	9	5627	27
30	5582	90	23	5582	69
34	5600	102	31	5622	93
41	5591	123	34	5633	102
46	5595	138	44	5581	132
54	5610	162	59	5614	177
57	5620	171	64	5637	192
74	5592	222	82	5596	246
83	5614	249	85	5588	255
85	5589	255	--	--	--
93	5580	279	--	--	--
95	5624	285	--	--	--
96	5577	288	--	--	--



Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5593	6	3	5615	9
5	5580	15	19	5647	57
21	5639	63	24	5608	72
26	5629	78	39	5634	117
28	5603	84	53	5609	159
39	5595	117	57	5613	171
46	5619	138	58	5627	174
53	5638	159	62	5636	186
87	5610	261	77	5642	231
90	5614	270	78	5594	234
98	5634	294	83	5596	249

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
16	5643	48	2	5602	6
20	5650	60	11	5642	33
24	5633	72	20	5611	60
28	5613	84	32	5622	96
38	5616	114	35	5659	105
46	5638	138	39	5629	117
67	5645	201	54	5618	162
72	5615	216	56	5636	168
77	5644	231	57	5603	171
88	5630	264	62	5646	186
--	--	--	81	5621	243
--	--	--	90	5608	270
--	--	--	93	5600	279
--	--	--	97	5660	291
--	--	--	99	5653	297





Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5609	3	9	5644	27
5	5644	15	34	5651	102
11	5658	33	35	5665	105
15	5617	45	37	5617	111
19	5630	57	44	5648	132
28	5637	84	51	5643	153
35	5651	105	58	5647	174
43	5604	129	65	5656	195
54	5621	162	66	5654	198
59	5600	177	71	5667	213
68	5623	204	72	5624	216
90	5625	270	73	5623	219
--	--	--	79	5626	237
--	--	--	90	5620	270
--	--	--	91	5650	273

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5636	12	0	5644	0
6	5640	18	6	5625	18
16	5669	48	15	5638	45
18	5635	54	16	5652	48
31	5620	93	22	5669	66
44	5614	132	23	5641	69
48	5648	144	29	5617	87
52	5644	156	52	5654	156
54	5657	162	61	5659	183
69	5643	207	66	5620	198
76	5638	228	76	5660	228
79	5618	237	80	5645	240
81	5629	243	84	5631	252
88	5664	264	89	5672	267
89	5646	267	93	5675	279
94	5651	282	--	--	--
97	5653	291	--	--	--
99	5655	297	--	--	--

## 6. CONCLUSION

The data collected relate only the item(s) tested and show that the **AX6000 MU-MIMO Wi-Fi Router**, **FCC ID: TE7AX6000** is in compliance with FCC Rules.

\_\_\_\_\_ The End \_\_\_\_\_

## **Appendix A – Test Setup Photograph**

Refer to “1808RSU004-UT” file.

## **Appendix B – EUT Photograph**

Refer to “1808RSU004-UE” file.