

Type 5 Radar Waveform_20

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	228300	2	18	80	1072	1779	0	228300	0	631578
2	783206	3	18	65	1854	1247	1404	1014357	631579	1263157
3	249491	3	18	85	1844	1339	1000	1268353	1263158	1894736
4	1115266	3	18	50	1123	1617	1132	2387802	1894737	2526315
5	173215	2	18	95	1965	1961	0	2564889	2526316	3157894
6	627492	2	18	50	1508	1875	0	3196307	3157895	3789473
7	883352	1	18	60	1662	0	0	4083042	3789474	4421052
8	912779	2	18	100	1069	1165	0	4997483	4421053	5052631
9	500555	2	18	65	1394	1676	0	5500262	5052632	5684210
10	440653	2	18	75	1076	1682	0	5943985	5684211	6315789
11	674020	3	18	75	1910	1075	1432	6620763	6315790	6947368
12	946146	3	18	60	1974	1060	1004	7571326	6947369	7578947
13	308064	1	18	85	1199	0	0	7883428	7578948	8210526
14	363542	3	18	85	1634	1511	1110	8248169	8210527	8842105
15	1069601	2	18	70	1975	1944	0	9322025	8842106	9473684
16	727579	1	18	50	1045	0	0	10053523	9473685	10105263
17	620105	1	18	85	1218	0	0	10674673	10105264	10736842
18	373916	2	18	100	1019	1753	0	11049807	10736843	11368421
19	544443	2	18	60	1633	1001	0	11597022	11368422	12000000

Total number of pulses in waveform = 40

Type 5 Radar Waveform_21

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	395688	3	10	55	1067	1682	1243	395688	0	749999
2	510048	1	10	75	1298	0	0	909728	750000	1499999
3	723139	2	10	60	1478	1868	0	1634165	1500000	2249999
4	1352539	3	10	75	1891	1965	1764	2990050	2250000	2999999
5	135838	2	10	95	1589	1860	0	3131508	3000000	3749999
6	621824	1	10	55	1547	0	0	3756781	3750000	4499999
7	1410734	1	10	90	1696	0	0	5169062	4500000	5249999
8	668398	2	10	60	1080	1187	0	5839156	5250000	5999999
9	415051	2	10	70	1792	1757	0	6256474	6000000	6749999
10	830334	1	10	60	1257	0	0	7090357	6750000	7499999
11	780931	2	10	65	1330	1767	0	7872545	7500000	8249999
12	556951	3	10	100	1194	1900	1799	8432593	8250000	8999999
13	1036191	3	10	80	1950	1182	1861	9473677	9000000	9749999
14	775141	1	10	75	1057	0	0	10253811	9750000	10499999
15	719191	3	10	95	1772	1456	1575	10974059	10500000	11249999
16	522331	2	10	75	1702	1902	0	11501193	11250000	11999999

Total number of pulses in waveform = 32

Type 5 Radar Waveform_22

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	345001	3	19	50	1714	1715	1229	345001	0	1090908
2	1347023	2	19	100	1479	1606	0	1696682	1090909	2181817
3	711056	2	19	90	1487	1047	0	2410823	2181818	3272726
4	1369680	2	19	60	1541	1987	0	3783037	3272727	4363635
5	1062610	2	19	70	1585	1987	0	4849175	4363636	5454544
6	842676	2	19	50	1491	1895	0	5695423	5454545	6545453
7	1098982	2	19	100	1656	1541	0	6797791	6545454	7636362
8	952587	2	19	50	1764	1963	0	7753575	7636363	8727271
9	1284860	2	19	60	1294	1365	0	9042162	8727272	9818180
10	800747	2	19	50	1640	1287	0	9845568	9818181	10909089
11	1593152	3	19	90	1901	1697	1592	11441647	10909090	11999998

Total number of pulses in waveform = 24

Type 5 Radar Waveform_23

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	594166	1	5	70	1337	0	0	594166	0	599999
2	396327	3	5	85	1235	1300	1650	991830	600000	1199999
3	457188	2	5	95	1743	1087	0	1453203	1200000	1799999
4	427458	3	5	100	1474	1838	1710	1883491	1800000	2399999
5	598142	3	5	85	1852	1094	1585	2486655	2400000	2999999
6	1012070	1	5	70	1078	0	0	3503256	3000000	3599999
7	387044	1	5	100	1319	0	0	3891378	3600000	4199999
8	456932	3	5	90	1558	1581	1994	4349629	4200000	4799999
9	819704	1	5	95	1045	0	0	5174466	4800000	5399999
10	359464	1	5	100	1397	0	0	5534975	5400000	5999999
11	664663	1	5	65	1183	0	0	6201035	6000000	6599999
12	591094	3	5	65	1054	1234	1981	6793312	6600000	7199999
13	506669	1	5	60	1531	0	0	7304250	7200000	7799999
14	804063	2	5	100	1474	1974	0	8109844	7800000	8399999
15	683557	1	5	65	1466	0	0	8796849	8400000	8999999
16	613266	3	5	90	1190	1265	1884	9411581	9000000	9599999
17	455400	3	5	60	1828	1356	1172	9871320	9600000	10199999
18	897024	2	5	95	1982	1128	0	10772700	10200000	10799999
19	44889	2	5	65	1539	1593	0	10820699	10800000	11399999
20	667673	1	5	80	1068	0	0	11491504	11400000	11999999
Total number of pulses in waveform = 38 *****										

Type 5 Radar Waveform_24

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	269289	3	8	65	1796	1405	1914	269289	0	857142
2	1096495	2	8	65	1635	1334	0	1370899	857143	1714285
3	914548	2	8	75	1809	1707	0	2288416	1714286	2571428
4	1107376	3	8	80	1504	1607	1887	3399308	2571429	3428571
5	865034	3	8	75	1920	1243	1399	4269340	3428572	4285714
6	471777	3	8	80	1492	1888	1683	4745679	4285715	5142857
7	1192914	3	8	85	1530	1162	1256	5943656	5142858	6000000
8	367286	1	8	80	1577	0	0	6314890	6000001	6857143
9	1145753	2	8	70	1519	1897	0	7462220	6857144	7714286
10	437566	2	8	70	1329	1490	0	7903202	7714287	8571429
11	1224247	3	8	100	1097	1925	1077	9130268	8571430	9428572
12	316235	1	8	90	1676	0	0	9450602	9428573	10285715
13	1473640	1	8	70	1079	0	0	10925918	10285716	11142858
14	460804	1	8	100	1592	0	0	11387801	11142859	12000001
Total number of pulses in waveform = 30 *****										

Type 5 Radar Waveform_25

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	946249	3	14	70	1072	1999	1361	946249	0	1199999
2	740766	1	14	55	1449	0	0	1691447	1200000	2399999
3	1878121	1	14	50	1177	0	0	3571017	2400000	3599999
4	1168592	1	14	75	1257	0	0	4740786	3600000	4799999
5	642426	3	14	95	1263	1619	1293	5384469	4800000	5999999
6	611415	3	14	80	1584	1954	1717	6000059	6000000	7199999
7	1494809	3	14	65	1005	1714	1920	7500123	7200000	8399999
8	1948384	2	14	70	1605	1625	0	9453146	8400000	9599999
9	453920	3	14	65	1517	1847	1208	9910296	9600000	10799999
10	915063	1	14	70	1227	0	0	10829931	10800000	11999999
Total number of pulses in waveform = 21 *****										



Type 5 Radar Waveform_26

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	1042160	2	6	95	1927	1984	0	1042160	0	1090908
2	84077	3	6	70	1336	1871	1814	1130148	1090909	2181817
3	1946904	1	6	55	1477	0	0	3082073	2181818	3272726
4	360806	3	6	60	1306	1815	1169	3444356	3272727	4363635
5	1789126	3	6	55	1832	1774	1759	5237772	4363636	5454544
6	1286634	2	6	65	1038	1977	0	6529771	5454545	6545453
7	131911	2	6	95	1899	1812	0	6664697	6545454	7636362
8	1315366	3	6	100	1728	1762	1826	7983774	7636363	8727271
9	1757511	1	6	90	1964	0	0	9746601	8727272	9818180
10	916189	1	6	70	1211	0	0	10664754	9818181	10909089
11	998726	1	6	80	1646	0	0	11664691	10909090	11999998

Total number of pulses in waveform = 22

Type 5 Radar Waveform_27

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	570950	3	12	80	1378	1201	1523	570950	0	923076
2	1060871	3	12	50	1838	1428	1333	1635923	923077	1846153
3	301172	2	12	60	1788	1301	0	1941694	1846154	2769230
4	1052002	2	12	90	1666	1356	0	2996785	2769231	3692307
5	1451033	1	12	55	1983	0	0	4450840	3692308	4615384
6	781990	3	12	70	1638	1213	1922	5234813	4615385	5538461
7	1101096	1	12	50	1190	0	0	6340682	5538462	6461538
8	502531	2	12	65	1527	1088	0	6844403	6461539	7384615
9	1238656	2	12	70	1121	1952	0	8085674	7384616	8307692
10	539775	1	12	75	1139	0	0	8628522	8307693	9230769
11	1123514	1	12	95	1498	0	0	9753175	9230770	10153846
12	810757	3	12	75	1427	1723	1383	10565430	10153847	11076923
13	1140387	1	12	60	1921	0	0	11710350	11076924	12000000

Total number of pulses in waveform = 25

Type 5 Radar Waveform_28

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	302418	1	18	65	1501	0	0	302418	0	923076
2	1113002	3	18	50	1656	1301	1730	1416921	923077	1846153
3	593142	1	18	75	1291	0	0	2014750	1846154	2769230
4	1555311	1	18	55	1718	0	0	3571352	2769231	3692307
5	909005	2	18	65	1413	1509	0	4482075	3692308	4615384
6	766669	2	18	80	1198	1755	0	5251666	4615385	5538461
7	1032146	1	18	60	1865	0	0	6286765	5538462	6461538
8	832866	3	18	50	1842	1331	1510	7121496	6461539	7384615
9	863589	3	18	60	1718	1635	1867	7989768	7384616	8307692
10	611652	2	18	65	1382	1947	0	8606640	8307693	9230769
11	1034444	1	18	65	1483	0	0	9644413	9230770	10153846
12	1400932	1	18	85	1408	0	0	11046828	10153847	11076923
13	772569	3	18	65	1257	1219	1808	11820805	11076924	12000000

Total number of pulses in waveform = 24



Type 5 Radar Waveform_29

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	528818	1	9	65	1367	0	0	528818	0	1090908
2	1005143	1	9	95	1750	0	0	1535328	1090909	2181817
3	743056	1	9	100	1807	0	0	2280134	2181818	3272726
4	1270325	2	9	75	1040	1876	0	3552266	3272727	4363635
5	1790794	3	9	95	1751	1026	1342	5345976	4363636	5454544
6	279109	3	9	50	1170	1912	1064	5629204	5454545	6545453
7	1859200	1	9	85	1017	0	0	7492550	6545454	7636362
8	954266	3	9	65	1599	1807	1583	8447833	7636363	8727271
9	658992	3	9	95	1828	1839	1403	9111814	8727272	9818180
10	991888	1	9	65	1119	0	0	10108772	9818181	10909089
11	1695699	2	9	95	1400	1367	0	11805590	10909090	11999998

Total number of pulses in waveform = 21

Type 5 Radar Waveform_30

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	279889	1	17	55	1891	0	0	279889	0	631578
2	871080	1	17	65	1850	0	0	1152860	631579	1263157
3	478358	2	17	95	1912	1451	0	1632768	1263158	1894736
4	674513	3	17	50	1853	1213	1622	2310644	1894737	2526315
5	376432	2	17	90	1073	1712	0	2691464	2526316	3157894
6	863356	2	17	75	1788	1390	0	3557605	3157895	3789473
7	432728	2	17	80	1162	1860	0	3993511	3789474	4421052
8	501403	2	17	70	1126	1259	0	4497936	4421053	5052631
9	835312	2	17	70	1334	1373	0	5335633	5052632	5684210
10	901119	3	17	80	1494	1124	1375	6239459	5684211	6315789
11	478122	2	17	100	1446	1495	0	6721574	6315790	6947368
12	473080	3	17	100	1380	1147	1703	7197595	6947369	7578947
13	395109	2	17	75	1680	1945	0	7596934	7578948	8210526
14	936733	3	17	95	1733	1193	1936	8537292	8210527	8842105
15	418917	3	17	90	1136	1894	1660	8961071	8842106	9473684
16	582150	1	17	55	1213	0	0	9547911	9473685	10105263
17	725033	2	17	70	1765	1642	0	10274157	10105264	10736842
18	537703	2	17	65	1149	1819	0	10815267	10736843	11368421
19	1147158	3	17	55	1484	1246	1921	11965393	11368422	12000000

Total number of pulses in waveform = 41

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	5294.3	1	16	5303.2	1
2	5327.4	1	17	5292.4	1
3	5299.2	1	18	5322.7	1
4	5313.7	1	19	5300.5	1
5	5292.0	1	20	5314.2	1
6	5302.8	1	21	5307.3	1
7	5321.3	1	22	5295.5	1
8	5304.5	1	23	5312.5	1
9	5311.3	1	24	5293.2	1
10	5306.0	1	25	5315.5	1
11	5308.4	1	26	5305.6	1
12	5297.0	1	27	5316.8	1
13	5301.1	1	28	5329.0	1
14	5318.2	1	29	5309.1	1
15	5310.9	1	30	5298.3	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5320	0	5	5319	15
20	5297	60	10	5284	30
37	5299	111	20	5316	60
42	5292	126	29	5311	87
44	5331	132	33	5280	99
50	5339	150	53	5287	159
51	5304	153	61	5303	183
56	5318	168	74	5281	222
58	5337	174	89	5300	267
65	5294	195	95	5331	285
92	5315	276	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5322	0	7	5284	21
1	5336	3	10	5292	30
11	5332	33	19	5298	57
14	5289	42	35	5307	105
18	5325	54	43	5329	129
24	5290	72	45	5337	135
26	5340	78	47	5304	141
28	5333	84	48	5287	144
29	5301	87	58	5314	174
31	5318	93	62	5327	186
32	5298	96	65	5302	195
41	5296	123	80	5286	240
46	5303	138	87	5291	261
47	5306	141	88	5297	264
56	5328	168	93	5340	279
62	5300	186	--	--	--
76	5299	228	--	--	--
81	5304	243	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
17	5295	51	13	5283	39
22	5306	66	21	5298	63
29	5293	87	27	5304	81
30	5308	90	30	5292	90
38	5315	114	33	5309	99
40	5312	120	39	5332	117
42	5290	126	41	5316	123
61	5292	183	47	5314	141
62	5320	186	52	5322	156
66	5297	198	66	5312	198
78	5325	234	73	5338	219
84	5289	252	84	5284	252
91	5327	273	94	5321	282
94	5294	282	--	--	--
96	5287	288	--	--	--
98	5305	294	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
18	5303	54	9	5300	27
29	5297	87	17	5287	51
34	5338	102	25	5306	75
50	5285	150	36	5297	108
52	5288	156	41	5299	123
58	5317	174	51	5296	153
63	5281	189	55	5288	165
68	5327	204	60	5320	180
69	5328	207	65	5304	195
89	5295	267	71	5318	213
90	5306	270	95	5336	285
96	5332	288	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5322	21	0	5313	0
20	5312	60	22	5319	66
30	5320	90	30	5295	90
35	5316	105	34	5311	102
42	5283	126	46	5320	138
49	5329	147	62	5317	186
52	5328	156	66	5339	198
55	5332	165	70	5326	210
67	5313	201	79	5325	237
69	5293	207	84	5289	252
82	5304	246	97	5323	291
97	5296	291	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5317	6	1	5303	3
15	5295	45	6	5338	18
22	5334	66	7	5302	21
23	5312	69	10	5292	30
29	5291	87	18	5281	54
53	5332	159	41	5299	123
64	5318	192	43	5326	129
69	5329	207	44	5312	132
76	5290	228	51	5316	153
77	5289	231	73	5296	219
80	5306	240	95	5301	285
84	5294	252	--	--	--
86	5328	258	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5299	3	8	5326	24
12	5292	36	13	5335	39
16	5332	48	14	5321	42
17	5333	51	20	5318	60
19	5308	57	23	5317	69
28	5314	84	51	5306	153
29	5328	87	57	5292	171
30	5320	90	58	5290	174
46	5280	138	60	5298	180
53	5283	159	72	5308	216
61	5325	183	81	5337	243
63	5312	189	82	5330	246
71	5329	213	96	5302	288
88	5317	264	--	--	--
99	5340	297	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
23	5296	69	9	5326	27
37	5321	111	16	5306	48
46	5339	138	28	5280	84
54	5329	162	35	5286	105
58	5318	174	39	5302	117
76	5325	228	59	5323	177
80	5311	240	71	5310	213
82	5320	246	86	5332	258
96	5333	288	92	5303	276
97	5289	291	94	5295	282
--	--	--	98	5305	294

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5323	0	11	5289	33
23	5288	69	23	5291	69
26	5337	78	37	5281	111
35	5327	105	50	5328	150
36	5302	108	51	5312	153
47	5290	141	69	5340	207
56	5339	168	74	5310	222
58	5307	174	82	5311	246
60	5322	180	83	5313	249
78	5292	234	87	5308	261
--	--	--	90	5317	270

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5296	42	4	5339	12
15	5321	45	5	5294	15
17	5322	51	6	5311	18
20	5295	60	24	5307	72
24	5327	72	25	5332	75
35	5313	105	27	5303	81
48	5299	144	36	5281	108
51	5289	153	50	5336	150
52	5319	156	58	5313	174
57	5286	171	59	5287	177
68	5300	204	66	5334	198
74	5297	222	78	5338	234
--	--	--	80	5298	240
--	--	--	85	5319	255
--	--	--	88	5285	264
--	--	--	92	5305	276
--	--	--	97	5301	291
--	--	--	98	5335	294

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5331	15	1	5299	3
21	5306	63	2	5304	6
25	5333	75	4	5335	12
29	5332	87	23	5298	69
30	5322	90	31	5295	93
33	5307	99	33	5330	99
39	5280	117	34	5320	102
40	5324	120	42	5284	126
47	5336	141	44	5325	132
52	5315	156	45	5281	135
53	5288	159	46	5331	138
65	5317	195	59	5318	177
67	5325	201	65	5286	195
76	5305	228	74	5314	222
87	5292	261	91	5322	273
90	5337	270	92	5288	276
94	5329	282	95	5303	285
--	--	--	99	5296	297

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5289	33	17	5314	51
16	5333	48	25	5290	75
30	5284	90	27	5291	81
32	5334	96	31	5286	93
44	5318	132	53	5293	159
50	5283	150	54	5307	162
81	5307	243	63	5282	189
95	5336	285	73	5315	219
97	5329	291	79	5318	237
--	--	--	80	5328	240

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5332	0	0	5301	0
25	5318	75	2	5324	6
27	5319	81	9	5334	27
34	5291	102	12	5303	36
40	5331	120	39	5296	117
49	5287	147	40	5281	120
65	5299	195	42	5340	126
74	5304	222	52	5291	156
80	5283	240	57	5292	171
84	5306	252	58	5322	174
88	5317	264	60	5327	180
93	5296	279	63	5286	189
99	5282	297	64	5323	192
--	--	--	70	5285	210
--	--	--	72	5304	216
--	--	--	84	5310	252
--	--	--	89	5326	267
--	--	--	90	5320	270

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5318	21	12	5301	36
10	5324	30	20	5318	60
31	5308	93	24	5322	72
32	5285	96	26	5327	78
50	5282	150	27	5295	81
62	5286	186	33	5300	99
66	5321	198	54	5280	162
76	5288	228	59	5338	177
81	5332	243	62	5323	186
91	5339	273	68	5293	204
--	--	--	72	5331	216
--	--	--	79	5291	237
--	--	--	89	5319	267

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5312	9	12	5327	36
9	5288	27	19	5309	57
13	5317	39	20	5333	60
14	5305	42	24	5299	72
20	5335	60	26	5315	78
23	5338	69	27	5280	81
46	5303	138	30	5304	90
50	5294	150	49	5287	147
56	5285	168	53	5300	159
63	5330	189	56	5325	168
85	5324	255	67	5336	201
87	5327	261	69	5311	207
92	5301	276	71	5338	213
96	5325	288	77	5307	231
97	5321	291	--	--	--

Radar Statistical Performance for 802.11ac-VHT80

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5276.3	1	938	57	1
2	5311.2	1	658	81	1
3	5306.4	1	718	74	1
4	5251.0	1	518	102	1
5	5303.3	1	678	78	1
6	5279.2	1	818	65	1
7	5273.6	1	878	61	1
8	5313.5	1	538	99	1
9	5307.9	1	898	59	1
10	5270.4	1	858	62	1
11	5309.4	1	798	67	1
12	5300.0	1	3066	18	1
13	5255.3	1	738	72	1
14	5315.8	1	558	95	1
15	5282.6	1	838	63	1
16	5317.5	1	1267	42	1
17	5285.7	1	2034	26	1
18	5319.8	1	2538	21	1
19	5267.2	1	914	58	1
20	5288.4	1	1396	38	1
21	5258.6	1	1337	40	1
22	5297.6	1	2277	24	1
23	5324.4	1	2983	18	1
24	5321.2	1	1376	39	1
25	5291.3	1	1061	50	1
26	5329.0	1	2170	25	1
27	5264.7	1	1792	30	1
28	5326.9	1	2455	22	1
29	5294.8	1	2599	21	1
30	5261.4	1	974	55	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	5300.2	3.4	227	29	1
2	5257.4	3.7	178	26	1
3	5323.9	1.3	151	27	1
4	5296.7	4.1	211	29	1
5	5251.0	2.7	209	27	1
6	5327.2	3.9	190	29	1
7	5303.0	1.1	209	26	1
8	5260.8	4.6	204	24	1
9	5329.0	4.9	152	28	1
10	5320.2	1.6	198	23	1
11	5254.6	5.0	230	23	1
12	5305.8	5.0	222	27	1
13	5293.7	5.0	172	27	1
14	5279.8	1.0	170	24	1
15	5319.4	4.9	175	29	1
16	5263.6	2.2	159	25	1
17	5281.4	3.7	193	27	1
18	5307.8	2.3	179	26	1
19	5275.4	3.0	207	28	1
20	5317.8	3.8	195	28	1
21	5290.3	4.7	215	28	1
22	5314.5	3.9	186	23	1
23	5309.4	1.7	150	26	1
24	5285.9	2.7	223	29	1
25	5266.9	3.4	177	23	1
26	5314.5	2.7	190	24	1
27	5287.8	1.6	221	23	1
28	5273.5	4.0	230	24	1
29	5311.6	2.9	167	28	1
30	5271.2	1.1	218	25	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	5266.4	9.8	444	17	1
2	5301.2	7.6	479	18	1
3	5309.2	6.5	349	17	1
4	5268.4	9.8	426	18	1
5	5303.5	9.7	412	16	1
6	5251.0	6.2	336	18	1
7	5304.8	6.4	377	17	1
8	5296.8	7.6	472	16	1
9	5321.8	8.7	299	18	1
10	5311.0	6.2	354	16	1
11	5271.5	6.4	461	17	1
12	5323.6	8.7	303	17	1
13	5254.6	8.5	500	17	1
14	5313.1	8.0	458	17	1
15	5281.7	9.5	388	16	1
16	5274.3	6.1	288	17	1
17	5326.8	7.6	330	16	1
18	5257.6	6.6	256	16	1
19	5320.4	7.2	482	18	1
20	5306.8	7.1	407	16	1
21	5284.4	9.4	298	17	1
22	5277.9	7.7	461	17	1
23	5293.5	6.5	378	17	1
24	5260.7	6.6	277	16	1
25	5314.6	9.4	323	18	1
26	5287.6	9.7	353	17	1
27	5329.0	7.7	431	16	1
28	5263.8	9.7	251	18	1
29	5317.2	9.2	389	16	1
30	5290.7	7.4	474	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	5255.8	14.2	405	13	1
2	5252.5	19.4	368	15	1
3	5300.6	11.6	382	16	1
4	5275.3	15.2	417	14	1
5	5316.8	11.1	407	12	1
6	5274.9	14.4	338	12	1
7	5295.9	16.6	330	16	1
8	5303.4	12.7	436	13	1
9	5251.0	18.6	429	16	1
10	5327.2	13.1	468	16	1
11	5305.7	16.7	471	12	1
12	5277.9	15.4	322	12	1
13	5314.4	15.8	314	12	1
14	5321.4	12.7	367	14	1
15	5307.9	18.3	444	16	1
16	5260.3	18.4	346	13	1
17	5309.2	13.9	434	16	1
18	5291.4	15.2	256	14	1
19	5272.4	16.4	275	15	1
20	5311.1	17.1	303	13	1
21	5280.4	19.4	410	16	1
22	5263.1	13.5	284	13	1
23	5312.7	11.0	477	16	1
24	5283.7	11.3	452	13	1
25	5329.0	17.9	500	14	1
26	5317.7	16.2	491	12	1
27	5285.8	13.5	321	16	1
28	5268.5	17.2	456	13	1
29	5320.8	11.1	368	12	1
30	5289.0	15.7	441	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	5258.8	1	16	5290.0	1
2	5257.6	1	17	5290.0	1
3	5255.6	1	18	5290.0	1
4	5255.2	1	19	5290.0	1
5	5259.6	1	20	5290.0	1
6	5254.0	1	21	5324.8	1
7	5256.8	1	22	5324.0	1
8	5259.2	1	23	5326.0	1
9	5254.4	1	24	5323.2	1
10	5256.0	1	25	5325.6	1
11	5290.0	1	26	5320.8	1
12	5290.0	1	27	5324.4	1
13	5290.0	1	28	5320.4	1
14	5290.0	1	29	5322.4	1
15	5290.0	1	30	5321.2	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

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	249245	1	17	50	1911	0	0	249245	0	749999
2	839496	2	17	90	1475	1035	0	1090652	750000	1499999
3	1056352	1	17	80	1689	0	0	2149514	1500000	2249999
4	643944	2	17	75	1908	1310	0	2795147	2250000	2999999
5	755530	2	17	75	1164	1152	0	3553895	3000000	3749999
6	830269	3	17	100	1774	1208	1285	4386480	3750000	4499999
7	357368	3	17	95	1843	1953	1017	4748115	4500000	5249999
8	676817	3	17	55	1040	1872	1789	5429745	5250000	5999999
9	1028645	3	17	100	1733	1605	1469	6463091	6000000	6749999
10	466342	2	17	65	1103	1846	0	6934240	6750000	7499999
11	574933	1	17	80	1036	0	0	7512122	7500000	8249999
12	1454531	1	17	90	1810	0	0	8967689	8250000	8999999
13	729965	1	17	50	1219	0	0	9699464	9000000	9749999
14	123105	3	17	100	1538	1559	1250	9823788	9750000	10499999
15	1176907	1	17	75	1986	0	0	11005042	10500000	11249999
16	670975	1	17	65	1639	0	0	11678003	11250000	11999999
Total number of pulses in waveform = 30 *****										



Type 5 Radar Waveform_2

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	123713	1	14	50	1055	0	0	123713	0	599999
2	929570	2	14	95	1399	1180	0	1057338	600000	1199999
3	594203	2	14	100	1041	1364	0	1654120	1200000	1799999
4	414985	1	14	100	1643	0	0	2071510	1800000	2399999
5	481463	3	14	70	1087	1156	1900	2554616	2400000	2999999
6	716163	1	14	75	1702	0	0	3274922	3000000	3599999
7	705813	3	14	55	1509	1800	1996	3982437	3600000	4199999
8	713002	3	14	60	1881	1464	1977	4700744	4200000	4799999
9	329793	2	14	60	1441	1481	0	5035859	4800000	5399999
10	714589	2	14	55	1776	1510	0	5753370	5400000	5999999
11	556545	3	14	55	1214	1779	1401	6313201	6000000	6599999
12	420509	2	14	55	1791	1746	0	6738104	6600000	7199999
13	993318	2	14	75	1022	1432	0	7734959	7200000	7799999
14	597342	2	14	55	1109	1114	0	8334755	7800000	8399999
15	389379	3	14	90	1477	1882	1859	8726357	8400000	8999999
16	851959	1	14	55	1324	0	0	9583534	9000000	9599999
17	114319	1	14	75	1733	0	0	9699177	9600000	10199999
18	976197	2	14	85	1749	1681	0	10677107	10200000	10799999
19	419605	1	14	50	1851	0	0	11100142	10800000	11399999
20	555429	2	14	85	1915	1755	0	11657422	11400000	11999999

Total number of pulses in waveform = 39

Type 5 Radar Waveform_3

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	714411	1	9	100	1274	0	0	714411	0	857142
2	644421	2	9	70	1276	1717	0	1360106	857143	1714285
3	445902	3	9	85	1650	1069	1492	1809001	1714286	2571428
4	888308	3	9	60	1049	1950	1427	2701520	2571429	3428571
5	1491588	2	9	80	1511	1021	0	4197534	3428572	4285714
6	251524	2	9	75	1504	1879	0	4451590	4285715	5142857
7	963430	3	9	80	1722	1140	1037	5418403	5142858	6000000
8	740907	1	9	75	1301	0	0	6163209	6000001	6857143
9	952541	3	9	100	1966	1384	1133	7117051	6857144	7714286
10	1157253	1	9	85	1583	0	0	8278787	7714287	8571429
11	346803	1	9	70	1951	0	0	8627173	8571430	9428572
12	922187	3	9	100	1330	1609	1939	9551311	9428573	10285715
13	734981	3	9	60	1362	1562	2000	10291170	10285716	11142858
14	1442489	3	9	70	1706	1820	1676	11738583	11142859	12000001

Total number of pulses in waveform = 31

Type 5 Radar Waveform_4

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	617738	3	8	55	1934	1956	1931	617738	0	1090908
2	1453655	3	8	55	1010	1464	1247	2077214	1090909	2181817
3	497231	2	8	55	1708	1284	0	2578166	2181818	3272726
4	811884	3	8	95	1067	1644	1851	3393042	3272727	4363635
5	1155256	2	8	80	1217	1709	0	4552860	4363636	5454544
6	1523163	2	8	80	1341	1018	0	6078949	5454545	6545453
7	800785	1	8	70	1055	0	0	6882093	6545454	7636362
8	1803886	3	8	75	1951	1965	1476	8687034	7636363	8727271
9	47281	2	8	55	1793	1623	0	8739707	8727272	9818180
10	1886277	2	8	100	1967	1801	0	10629400	9818181	10909089
11	1285118	2	8	75	1838	1861	0	11918286	10909090	11999998

Total number of pulses in waveform = 25

Type 5 Radar Waveform_5

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	454581	2	19	50	1817	1569	0	454581	0	923076
2	813092	1	19	60	1886	0	0	1271059	923077	1846153
3	880286	2	19	75	1355	1632	0	2153231	1846154	2769230
4	797675	1	19	50	1941	0	0	2953893	2769231	3692307
5	1226318	2	19	80	1184	1906	0	4182152	3692308	4615384
6	1087776	3	19	70	1825	1863	1410	5273018	4615385	5538461
7	1043110	1	19	65	1783	0	0	6321226	5538462	6461538
8	252532	3	19	75	1168	1218	1934	6575541	6461539	7384615
9	1563620	3	19	80	1265	1431	1592	8143481	7384616	8307692
10	534911	3	19	90	1793	1122	1760	8682680	8307693	9230769
11	689967	2	19	70	1111	1964	0	9377322	9230770	10153846
12	1076966	2	19	100	1197	1453	0	10457363	10153847	11076923
13	1150819	2	19	50	1169	1598	0	11610832	11076924	12000000

Total number of pulses in waveform = 27

Type 5 Radar Waveform_6

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	1276839	1	5	90	1151	0	0	1276839	0	1499999
2	273463	2	5	50	1616	1833	0	1551453	1500000	2999999
3	2188178	2	5	55	1040	1764	0	3743080	3000000	4499999
4	1533263	3	5	55	1540	1639	1623	5279147	4500000	5999999
5	1046634	1	5	85	1862	0	0	6330583	6000000	7499999
6	2383127	1	5	85	1329	0	0	8715572	7500000	8999999
7	1047752	1	5	75	1899	0	0	9764653	9000000	10499999
8	2143119	3	5	50	1289	1373	1346	11909671	10500000	11999999

Total number of pulses in waveform = 14

Type 5 Radar Waveform_7

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	816814	2	12	65	1290	1659	0	816814	0	1090908
2	1357236	2	12	70	1086	1736	0	2176999	1090909	2181817
3	1066293	3	12	65	1717	1690	1077	3246114	2181818	3272726
4	363411	1	12	60	1831	0	0	3613909	3272727	4363635
5	908190	3	12	90	1935	1039	1167	4523930	4363636	5454544
6	1250752	1	12	85	1922	0	0	5778823	5454545	6545453
7	790690	3	12	85	1264	1737	1768	6571435	6545454	7636362
8	1727361	1	12	85	1603	0	0	8303565	7636363	8727271
9	689214	2	12	85	1983	1538	0	8994382	8727272	9818180
10	1056237	3	12	70	1886	1302	1407	10054140	9818181	10909089
11	1486713	3	12	100	1410	1640	1225	11545448	10909090	11999998

Total number of pulses in waveform = 24

Type 5 Radar Waveform_8

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	225302	1	18	95	1293	0	0	225302	0	599999
2	671128	1	18	50	1392	0	0	897723	600000	1199999
3	657794	2	18	80	1474	1388	0	1556909	1200000	1799999
4	590205	1	18	50	1631	0	0	2149976	1800000	2399999
5	600507	3	18	80	1478	1848	1621	2752114	2400000	2999999
6	437354	3	18	80	1216	1149	1973	3194415	3000000	3599999
7	412919	3	18	80	1420	1048	1810	3611672	3600000	4199999
8	1100898	2	18	85	1001	1385	0	4716848	4200000	4799999
9	182085	3	18	90	1434	1051	1854	4901319	4800000	5399999
10	992561	3	18	100	1594	1778	1121	5898219	5400000	5999999
11	501875	1	18	55	1393	0	0	6404587	6000000	6599999
12	698677	3	18	80	1800	1357	1543	7104657	6600000	7199999
13	268671	1	18	60	1308	0	0	7378028	7200000	7799999
14	747702	2	18	95	1580	1311	0	8127038	7800000	8399999
15	334191	3	18	65	1732	1136	1601	8464120	8400000	8999999
16	821341	1	18	80	1085	0	0	9289930	9000000	9599999
17	511564	1	18	70	1481	0	0	9802579	9600000	10199999
18	419483	2	18	90	1513	1214	0	10223543	10200000	10799999
19	1079450	3	18	50	1201	1903	1589	11305720	10800000	11399999
20	606622	1	18	65	1344	0	0	11917035	11400000	11999999
Total number of pulses in waveform = 40 *****										

Type 5 Radar Waveform_9

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	27540	1	6	70	1700	0	0	27540	0	923076
2	1581598	1	6	75	1330	0	0	1610838	923077	1846153
3	296486	3	6	70	1482	1535	1270	1908654	1846154	2769230
4	1712679	2	6	55	1156	1590	0	3625620	2769231	3692307
5	136873	2	6	85	1511	1597	0	3765239	3692308	4615384
6	1609727	2	6	60	1008	1454	0	5378074	4615385	5538461
7	272145	1	6	55	1817	0	0	5652681	5538462	6461538
8	1495435	3	6	90	1641	1331	1442	7149933	6461539	7384615
9	374297	2	6	50	1810	1719	0	7528644	7384616	8307692
10	838905	1	6	60	1765	0	0	8371078	8307693	9230769
11	1094394	3	6	55	1801	1943	1961	9467237	9230770	10153846
12	1308613	1	6	95	1006	0	0	10781555	10153847	11076923
13	1094552	3	6	90	1266	1245	1696	11877113	11076924	12000000
Total number of pulses in waveform = 25 *****										

Type 5 Radar Waveform_10

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	60952	1	10	75	1460	0	0	60952	0	999999
2	1221461	3	10	100	1208	1222	1672	1283873	1000000	1999999
3	944542	1	10	75	1409	0	0	2232517	2000000	2999999
4	869383	1	10	55	1190	0	0	3103309	3000000	3999999
5	1013926	1	10	50	1381	0	0	4118425	4000000	4999999
6	1524282	1	10	55	1678	0	0	5644088	5000000	5999999
7	531145	1	10	90	1291	0	0	6176911	6000000	6999999
8	1375040	3	10	60	1683	1246	1257	7553242	7000000	7999999
9	824581	2	10	55	1548	1646	0	8382009	8000000	8999999
10	623524	1	10	80	1243	0	0	9008727	9000000	9999999
11	1954225	3	10	100	1607	1863	1369	10964195	10000000	10999999
12	210365	3	10	50	1000	1874	1578	11179399	11000000	11999999
Total number of pulses in waveform = 21 *****										

Type 5 Radar Waveform_11

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	53276	3	10	90	1847	1017	1284	53276	0	666666
2	611452	1	10	80	1839	0	0	668876	666667	1333333
3	875248	1	10	65	1030	0	0	1545963	1333334	2000000
4	815349	2	10	55	1370	1344	0	2362342	2000001	2666667
5	472793	3	10	90	1674	1639	1916	2837849	2666668	3333334
6	509519	2	10	90	1426	1169	0	3352597	3333335	4000001
7	1000915	2	10	60	1648	1814	0	4356107	4000002	4666668
8	404712	2	10	100	1834	1163	0	4764281	4666669	5333335
9	756489	3	10	70	1222	1457	1256	5523767	5333336	6000002
10	493253	1	10	100	1784	0	0	6020955	6000003	6666669
11	1196629	2	10	85	1701	1769	0	7219368	6666670	7333336
12	205562	3	10	95	1210	1259	1682	7428400	7333337	8000003
13	798717	1	10	95	1452	0	0	8231258	8000004	8666670
14	576404	1	10	90	1854	0	0	8809124	8666671	9333337
15	1121102	3	10	65	1845	1238	1534	9932080	9333338	10000004
16	718298	3	10	65	1138	1341	1334	10654995	10000005	10666671
17	569920	3	10	80	1163	1242	1017	11228728	10666672	11333338
18	351534	1	10	65	1590	0	0	11583684	11333339	12000005

Total number of pulses in waveform = 37

Type 5 Radar Waveform_12

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	996753	2	17	80	1371	1736	0	996753	0	999999
2	934276	1	17	95	1527	0	0	1934136	1000000	1999999
3	571722	3	17	65	1000	1848	1728	2507385	2000000	2999999
4	1413702	3	17	65	1500	1885	1071	3925663	3000000	3999999
5	565115	3	17	95	1694	1586	1435	4495234	4000000	4999999
6	1442133	3	17	50	1824	1123	1606	5942082	5000000	5999999
7	323365	3	17	65	1982	1200	1531	6270000	6000000	6999999
8	1520616	3	17	75	1662	1917	1170	7795329	7000000	7999999
9	929002	2	17	75	1001	1366	0	8729080	8000000	8999999
10	333512	2	17	80	1349	1102	0	9064959	9000000	9999999
11	1270008	1	17	90	1218	0	0	10337418	10000000	10999999
12	1061130	3	17	55	1293	1844	1428	11399766	11000000	11999999

Total number of pulses in waveform = 29

Type 5 Radar Waveform_13

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	608600	3	9	80	1424	1735	1216	608600	0	857142
2	410076	3	9	60	1523	1000	1290	1023051	857143	1714285
3	696619	2	9	95	1789	1118	0	1723483	1714286	2571428
4	1458734	2	9	85	1234	1478	0	3185124	2571429	3428571
5	744460	1	9	55	1115	0	0	3932296	3428572	4285714
6	983419	3	9	65	1635	1223	1449	4916830	4285715	5142857
7	354944	1	9	60	1417	0	0	5276081	5142858	6000000
8	1386022	2	9	65	1827	1839	0	6663520	6000001	6857143
9	923645	3	9	95	1512	1478	1150	7590831	6857144	7714286
10	264559	1	9	85	1576	0	0	7859630	7714287	8571429
11	743295	3	9	100	1945	1575	1434	8604501	8571430	9428572
12	1137696	2	9	95	1595	1327	0	9747151	9428573	10285715
13	941384	3	9	50	1642	1887	1466	10691457	10285716	11142858
14	1214416	1	9	50	1052	0	0	11910868	11142859	12000001

Total number of pulses in waveform = 30

Type 5 Radar Waveform_14

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	548787	3	12	55	1763	1575	1569	548787	0	749999
2	452885	2	12	100	1543	1661	0	1006579	750000	1499999
3	896873	2	12	55	1929	1527	0	1906656	1500000	2249999
4	695352	3	12	60	1911	1252	1230	2605464	2250000	2999999
5	458683	2	12	85	1259	1346	0	3068540	3000000	3749999
6	965385	3	12	60	1074	1085	1695	4036530	3750000	4499999
7	768782	2	12	70	1215	1474	0	4809166	4500000	5249999
8	725991	2	12	100	1774	1119	0	5537846	5250000	5999999
9	549742	2	12	70	1598	1740	0	6090481	6000000	6749999
10	1142147	3	12	70	1399	1130	1447	7235966	6750000	7499999
11	384318	2	12	65	1481	1564	0	7624260	7500000	8249999
12	676594	1	12	75	1871	0	0	8303899	8250000	8999999
13	898141	3	12	85	1083	1140	1849	9203911	9000000	9749999
14	774983	3	12	65	1988	1263	1544	9982966	9750000	10499999
15	1097110	2	12	70	1444	1339	0	11084871	10500000	11249999
16	267033	3	12	80	1564	1888	1292	11354687	11250000	11999999

Total number of pulses in waveform = 38

Type 5 Radar Waveform_15

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	891743	3	5	95	1954	1801	1874	891743	0	1199999
2	1204002	1	5	100	1865	0	0	2101374	1200000	2399999
3	1308040	3	5	75	1274	1783	1843	3411279	2400000	3599999
4	977928	2	5	65	1249	1986	0	4394107	3600000	4799999
5	1489447	2	5	75	1058	1544	0	5886789	4800000	5999999
6	453519	2	5	90	1436	1894	0	6342910	6000000	7199999
7	1347065	2	5	50	1583	1296	0	7693305	7200000	8399999
8	720478	2	5	90	1146	1998	0	8416662	8400000	9599999
9	1734541	3	5	90	1577	1632	1205	10154347	9600000	10799999
10	1559146	1	5	80	1302	0	0	11717907	10800000	11999999

Total number of pulses in waveform = 21

Type 5 Radar Waveform_16

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	525356	1	14	55	1566	0	0	525356	0	1333332
2	822388	3	14	85	1681	1332	1511	1349310	1333333	2666665
3	1968274	1	14	80	1818	0	0	3322108	2666666	3999998
4	1308338	2	14	75	1244	1285	0	4632264	3999999	5333331
5	1788626	2	14	95	1862	1864	0	6423419	5333332	6666664
6	575601	1	14	70	1126	0	0	7002746	6666665	7999997
7	1852660	2	14	70	1990	1878	0	8856532	7999998	9333330
8	757231	3	14	95	1438	1697	1565	9617631	9333331	10666663
9	1222338	3	14	100	1498	1614	1089	10844669	10666664	11999996

Total number of pulses in waveform = 18

Type 5 Radar Waveform_17

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	377226	3	6	100	1074	1100	1855	377226	0	705881
2	883807	2	6	70	1572	1584	0	1265062	705882	1411763
3	543454	2	6	85	1324	1138	0	1811672	1411764	2117645
4	678662	2	6	80	1539	1969	0	2492796	2117646	2823527
5	798783	2	6	100	1750	1775	0	3295087	2823528	3529409
6	798754	3	6	65	1089	1277	1470	4097365	3529410	4235291
7	301047	2	6	65	1575	1349	0	4402249	4235292	4941173
8	842621	3	6	85	1193	1999	1149	5247794	4941174	5647055
9	1054434	1	6	55	1618	0	0	6306569	5647056	6352937
10	233232	1	6	75	1812	0	0	6541419	6352938	7058819
11	559581	3	6	65	1863	1792	1803	7102812	7058820	7764701
12	1177420	2	6	70	1001	1104	0	8285690	7764702	8470583
13	716179	2	6	65	1165	1585	0	9003974	8470584	9176465
14	689695	3	6	80	1019	1181	1866	9696419	9176466	9882347
15	326918	1	6	95	1301	0	0	10027403	9882348	10588229
16	1227712	2	6	95	1361	1446	0	11256416	10588230	11294111
17	727948	2	6	75	1596	1485	0	11987171	11294112	11999993

Total number of pulses in waveform = 36

Type 5 Radar Waveform_18

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	351208	2	18	60	1713	1291	0	351208	0	749999
2	445075	2	18	75	1154	1092	0	799287	750000	1499999
3	789994	3	18	90	1804	1784	1440	1591527	1500000	2249999
4	692305	3	18	70	1309	1504	1882	2288860	2250000	2999999
5	1017981	1	18	75	1729	0	0	3311536	3000000	3749999
6	545271	1	18	50	1393	0	0	3858536	3750000	4499999
7	655240	1	18	50	1355	0	0	4515169	4500000	5249999
8	1257938	2	18	65	1063	1883	0	5774462	5250000	5999999
9	244838	1	18	90	1586	0	0	6022246	6000000	6749999
10	1028202	3	18	90	1680	1803	1948	7052034	6750000	7499999
11	1189585	1	18	75	1092	0	0	8247050	7500000	8249999
12	125455	2	18	75	1011	1728	0	8373597	8250000	8999999
13	1356955	2	18	70	1734	1403	0	9733291	9000000	9749999
14	602939	2	18	65	1634	1314	0	10339367	9750000	10499999
15	723720	1	18	95	1641	0	0	11066035	10500000	11249999
16	521833	2	18	85	1457	1063	0	11589509	11250000	11999999

Total number of pulses in waveform = 29

Type 5 Radar Waveform_19

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	223378	3	19	100	1163	1187	1906	223378	0	705881
2	1082585	2	19	95	1494	1502	0	1310219	705882	1411763
3	411693	1	19	95	1530	0	0	1724908	1411764	2117645
4	807018	3	19	95	1704	1789	1563	2533456	2117646	2823527
5	576178	1	19	60	1789	0	0	3114690	2823528	3529409
6	556122	2	19	100	1394	1938	0	3672601	3529410	4235291
7	1023673	1	19	80	1321	0	0	4699606	4235292	4941173
8	883298	3	19	95	1536	1352	1007	5584225	4941174	5647055
9	230006	1	19	65	1804	0	0	5818126	5647056	6352937
10	624564	3	19	50	1382	1028	1082	6444494	6352938	7058819
11	1235765	3	19	70	1282	1591	1163	7683751	7058820	7764701
12	352325	2	19	100	1942	1200	0	8040112	7764702	8470583
13	1066757	2	19	55	1502	1753	0	9110011	8470584	9176465
14	433216	3	19	60	1977	1636	1208	9546482	9176466	9882347
15	414349	2	19	80	1992	1639	0	9965652	9882348	10588229
16	689177	3	19	70	1591	1724	1597	10658460	10588230	11294111
17	656173	2	19	50	1097	1859	0	11319545	11294112	11999993

Total number of pulses in waveform = 37

Type 5 Radar Waveform_20

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	214506	2	8	55	1258	1567	0	214506	0	631578
2	434817	2	8	70	1845	1385	0	652148	631579	1263157
3	655083	2	8	65	1242	1093	0	1310461	1263158	1894736
4	1135183	1	8	90	1971	0	0	2447979	1894737	2526315
5	165134	3	8	100	1292	1207	1260	2615084	2526316	3157894
6	634355	1	8	85	1270	0	0	3253198	3157895	3789473
7	864660	1	8	55	1789	0	0	4119128	3789474	4421052
8	723997	2	8	85	1906	1290	0	4844914	4421053	5052631
9	639353	2	8	95	1005	1784	0	5487463	5052632	5684210
10	694493	2	8	60	1936	1517	0	6184745	5684211	6315789
11	293556	2	8	95	1064	1907	0	6481754	6315790	6947368
12	1081211	2	8	55	1109	1516	0	7565926	6947369	7578947
13	37146	1	8	75	1074	0	0	7605697	7578948	8210526
14	629211	1	8	75	1222	0	0	8235982	8210527	8842105
15	1011142	1	8	80	1453	0	0	9248346	8842106	9473684
16	712781	1	8	70	1866	0	0	9962580	9473685	10105263
17	382907	2	8	70	1622	1035	0	10347353	10105264	10736842
18	870969	3	8	80	1067	1769	1844	11220979	10736843	11368421
19	266616	2	8	65	1784	1146	0	11492275	11368422	12000000

Total number of pulses in waveform = 33

Type 5 Radar Waveform_21

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	570742	2	8	75	1971	1765	0	570742	0	923076
2	1058083	2	8	80	1283	1416	0	1632561	923077	1846153
3	1124190	1	8	60	1477	0	0	2759450	1846154	2769230
4	40894	2	8	85	1418	1055	0	2801821	2769231	3692307
5	1660198	3	8	85	1218	1692	1397	4464492	3692308	4615384
6	842115	1	8	60	1885	0	0	5310914	4615385	5538461
7	458835	3	8	50	1691	1011	1973	5771634	5538462	6461538
8	1241904	1	8	50	1989	0	0	7018213	6461539	7384615
9	509652	2	8	70	1748	1020	0	7529854	7384616	8307692
10	1519907	3	8	65	1064	1140	1958	9052529	8307693	9230769
11	814382	1	8	70	1533	0	0	9871073	9230770	10153846
12	1166266	3	8	60	1346	1834	1017	11038872	10153847	11076923
13	717920	1	8	100	1893	0	0	11760989	11076924	12000000

Total number of pulses in waveform = 25

Type 5 Radar Waveform_22

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	683101	2	10	95	1029	1720	0	683101	0	799999
2	424808	1	10	95	1781	0	0	1110658	800000	1599999
3	1114010	3	10	95	1471	1358	1864	2226449	1600000	2399999
4	264574	3	10	100	1672	1723	1688	2495716	2400000	3199999
5	1222958	3	10	75	1698	1118	1141	3723757	3200000	3999999
6	302147	1	10	85	1002	0	0	4029861	4000000	4799999
7	1180840	1	10	80	1146	0	0	5211703	4800000	5599999
8	589368	2	10	80	1768	1567	0	5802217	5600000	6399999
9	616273	2	10	100	1820	1673	0	6421825	6400000	7199999
10	1355542	2	10	90	1406	1155	0	7780860	7200000	7999999
11	727941	1	10	50	1149	0	0	8511362	8000000	8799999
12	298848	1	10	60	1945	0	0	8811359	8800000	9599999
13	962247	1	10	60	1109	0	0	9775551	9600000	10399999
14	1102443	1	10	60	1262	0	0	10879103	10400000	11199999
15	441839	1	10	85	1697	0	0	11322204	11200000	11999999

Total number of pulses in waveform = 25

Type 5 Radar Waveform_23

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	115706	3	5	55	1938	1881	1410	115706	0	631578
2	1010085	2	5	75	1566	1425	0	1131020	631579	1263157
3	295230	1	5	60	1138	0	0	1429241	1263158	1894736
4	969458	2	5	70	1516	1801	0	2399837	1894737	2526315
5	638824	1	5	65	1184	0	0	3041978	2526316	3157894
6	699442	1	5	55	1808	0	0	3742604	3157895	3789473
7	450976	2	5	100	1385	1690	0	4195388	3789474	4421052
8	262269	1	5	65	1224	0	0	4460732	4421053	5052631
9	1114940	1	5	50	1668	0	0	5576896	5052632	5684210
10	329545	1	5	60	1851	0	0	5908109	5684211	6315789
11	957434	2	5	55	1555	1095	0	6867394	6315790	6947368
12	347563	2	5	75	1880	1494	0	7217607	6947369	7578947
13	630735	3	5	100	1552	1015	1134	7851716	7578948	8210526
14	890564	3	5	95	1098	1755	1341	8745981	8210527	8842105
15	261174	3	5	85	1158	1143	1282	9011349	8842106	9473684
16	996183	1	5	100	1784	0	0	10011115	9473685	10105263
17	436848	2	5	90	1248	1422	0	10449747	10105264	10736842
18	426690	3	5	95	1802	1471	1152	10879107	10736843	11368421
19	906260	1	5	100	1292	0	0	11789792	11368422	12000000

Total number of pulses in waveform = 35

Type 5 Radar Waveform_24

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	141706	2	12	50	1007	1337	0	141706	0	631578
2	846676	2	12	65	1680	1084	0	990726	631579	1263157
3	332089	1	12	85	1730	0	0	1325579	1263158	1894736
4	835520	3	12	100	1380	1704	1363	2162829	1894737	2526315
5	436708	1	12	100	1162	0	0	2603984	2526316	3157894
6	850362	2	12	80	1483	1656	0	3455508	3157895	3789473
7	543963	3	12	60	1202	1430	1726	4002610	3789474	4421052
8	479873	3	12	50	1350	1156	1353	4486841	4421053	5052631
9	1078545	1	12	90	1975	0	0	5569245	5052632	5684210
10	499436	1	12	60	1116	0	0	6070656	5684211	6315789
11	666529	2	12	65	1295	1050	0	6738301	6315790	6947368
12	281134	2	12	60	1816	1591	0	7021780	6947369	7578947
13	711991	3	12	90	1197	1003	1590	7737178	7578948	8210526
14	1072063	3	12	55	1770	1877	1504	8813031	8210527	8842105
15	75001	1	12	50	1955	0	0	8893183	8842106	9473684
16	662440	1	12	65	1299	0	0	9557578	9473685	10105263
17	1026525	3	12	60	1184	1050	1183	10585402	10105264	10736842
18	170998	3	12	80	1027	1531	1761	10759787	10736843	11368421
19	919820	3	12	80	1861	1476	1151	11683926	11368422	12000000

Total number of pulses in waveform = 40

Type 5 Radar Waveform_25

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	746834	1	6	95	1055	0	0	746834	0	1499999
2	1027361	2	6	50	1671	1766	0	1775250	1500000	2999999
3	2693293	2	6	85	1595	1392	0	4471980	3000000	4499999
4	1267213	2	6	75	1481	1067	0	5742180	4500000	5999999
5	760047	3	6	55	1764	1857	1431	6504775	6000000	7499999
6	1949149	1	6	95	1128	0	0	8458976	7500000	8999999
7	2038521	1	6	70	1285	0	0	10498625	9000000	10499999
8	287025	2	6	75	1152	1344	0	10786935	10500000	11999999

Total number of pulses in waveform = 14



Type 5 Radar Waveform_26

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	246586	1	18	50	1744	0	0	246586	0	1090908
2	849150	1	18	90	1837	0	0	1097480	1090909	2181817
3	1625592	2	18	50	1247	1046	0	2724909	2181818	3272726
4	1203973	2	18	100	1062	1870	0	3931175	3272727	4363635
5	524818	2	18	95	1431	1631	0	4458925	4363636	5454544
6	1217522	2	18	50	1595	1262	0	5679509	5454545	6545453
7	1321594	3	18	100	1387	1968	1219	7003960	6545454	7636362
8	733219	1	18	75	1816	0	0	7741753	7636363	8727271
9	1598377	2	18	95	1035	1228	0	9341946	8727272	9818180
10	505755	3	18	60	1036	1584	1797	9849964	9818181	10909089
11	1243455	2	18	65	1396	1367	0	11097836	10909090	11999998

Total number of pulses in waveform = 21

Type 5 Radar Waveform_27

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	608548	2	9	80	1488	1510	0	608548	0	705881
2	680987	1	9	50	1457	0	0	1292533	705882	1411763
3	246725	1	9	85	1889	0	0	1539715	1411764	2117645
4	994135	2	9	95	1045	1887	0	2535739	2117646	2823527
5	706015	2	9	50	1994	1109	0	3244686	2823528	3529409
6	389967	3	9	80	1231	1680	1915	3637756	3529410	4235291
7	740222	2	9	95	1439	1661	0	4382804	4235292	4941173
8	1181824	2	9	85	1188	1153	0	5567728	4941174	5647055
9	477394	3	9	85	1607	1620	1694	6047463	5647056	6352937
10	550730	1	9	60	1813	0	0	6603114	6352938	7058819
11	768447	3	9	95	1005	1736	1167	7371374	7058820	7764701
12	415060	2	9	70	1952	1557	0	7790342	7764702	8470583
13	1037336	3	9	50	1192	1761	1525	8831187	8470584	9176465
14	1013678	2	9	60	1685	1460	0	9849343	9176466	9882347
15	51983	2	9	65	1310	1239	0	9904471	9882348	10588229
16	1008112	3	9	60	1217	1016	1575	10915132	10588230	11294111
17	931448	3	9	50	1703	1976	1759	11850388	11294112	11999993

Total number of pulses in waveform = 37

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	290247	3	19	80	1030	1531	1045	290247	0	749999
2	578054	3	19	60	1040	1737	1535	871907	750000	1499999
3	1185306	1	19	80	1660	0	0	2061525	1500000	2249999
4	761765	3	19	65	1187	1270	1759	2824950	2250000	2999999
5	565615	1	19	60	1460	0	0	3394781	3000000	3749999
6	490994	3	19	75	1134	1048	1314	3887235	3750000	4499999
7	983195	2	19	55	1956	1630	0	4873926	4500000	5249999
8	1023090	2	19	65	1416	1107	0	5900602	5250000	5999999
9	450323	1	19	85	1820	0	0	6353448	6000000	6749999
10	473241	2	19	55	1115	1028	0	6828509	6750000	7499999
11	857821	1	19	70	1754	0	0	7688473	7500000	8249999
12	842386	3	19	65	1818	1404	1842	8532613	8250000	8999999
13	1071276	3	19	80	1010	1584	1342	9608953	9000000	9749999
14	869117	2	19	80	1343	1406	0	10482006	9750000	10499999
15	53302	3	19	90	1142	1271	1972	10538057	10500000	11249999
16	886987	3	19	50	1612	1259	1134	11429429	11250000	11999999

Total number of pulses in waveform = 36

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	644439	1	14	100	1552	0	0	644439	0	749999
2	337758	1	14	95	1886	0	0	983749	750000	1499999
3	584794	2	14	60	1064	1034	0	1570429	1500000	2249999
4	895557	2	14	50	1500	1076	0	2468084	2250000	2999999
5	924337	3	14	85	1581	1217	1096	3394997	3000000	3749999
6	584637	3	14	75	1319	1541	1826	3983528	3750000	4499999
7	552307	1	14	80	1891	0	0	4540521	4500000	5249999
8	1065301	1	14	70	1871	0	0	5607713	5250000	5999999
9	700201	3	14	80	1667	1468	1323	6309785	6000000	6749999
10	1003530	3	14	90	1451	1126	1622	7317773	6750000	7499999
11	518067	3	14	85	1494	1255	1031	7840039	7500000	8249999
12	1103028	1	14	75	1204	0	0	8946847	8250000	8999999
13	111226	2	14	65	1736	1509	0	9059277	9000000	9749999
14	1069436	2	14	70	1061	1510	0	10131958	9750000	10499999
15	718724	3	14	90	1853	1704	1606	10853253	10500000	11249999
16	952959	1	14	95	1020	0	0	11811375	11250000	11999999

Total number of pulses in waveform = 32

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	199743	3	17	65	1923	1828	1045	199743	0	705881
2	658006	3	17	70	1171	1460	1075	862545	705882	1411763
3	772466	2	17	65	1012	1210	0	1638717	1411764	2117645
4	1039218	1	17	100	1516	0	0	2680157	2117646	2823527
5	714797	1	17	70	1549	0	0	3396470	2823528	3529409
6	569295	3	17	65	1943	1333	1210	3967314	3529410	4235291
7	457122	3	17	100	1428	1055	1069	4428922	4235292	4941173
8	1074960	1	17	60	1689	0	0	5507434	4941174	5647055
9	290098	1	17	90	1064	0	0	5799221	5647056	6352937
10	786497	1	17	80	1930	0	0	6586782	6352938	7058819
11	954712	3	17	50	1811	1060	1973	7543424	7058820	7764701
12	657813	3	17	55	1402	1312	1448	8206081	7764702	8470583
13	957206	3	17	55	1260	1094	1601	9167449	8470584	9176465
14	622312	1	17	60	1653	0	0	9793716	9176466	9882347
15	650534	1	17	55	1114	0	0	10445903	9882348	10588229
16	551832	2	17	95	1412	1858	0	10998849	10588230	11294111
17	813828	2	17	90	1595	1537	0	11815947	11294112	11999993

Total number of pulses in waveform = 34

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	5296.9	1	16	5272.4	1
2	5257.6	1	17	5311.7	1
3	5312.5	1	18	5284.3	1
4	5309.6	1	19	5260.3	1
5	5281.6	1	20	5322.5	1
6	5316.9	1	21	5278.2	1
7	5251.0	1	22	5307.9	1
8	5286.7	1	23	5266.9	1
9	5275.7	1	24	5329.0	1
10	5263.4	1	25	5317.6	1
11	5293.3	1	26	5300.7	1
12	5320.3	1	27	5253.5	1
13	5305.8	1	28	5290.5	1
14	5269.7	1	29	5325.2	1
15	5327.0	1	30	5302.5	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5297	9	4	5271	12
12	5291	36	7	5291	21
18	5310	54	8	5283	24
24	5290	72	11	5275	33
27	5271	81	14	5234	42
32	5307	96	16	5275	48
38	5288	114	23	5245	69
48	5287	144	33	5268	99
52	5298	156	35	5287	105
60	5261	180	50	5263	150
68	5316	204	58	5267	174
89	5270	267	66	5266	198
92	5294	276	67	5260	201
--	--	--	84	5285	252
--	--	--	85	5281	255

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5295	6	16	5297	48
25	5293	75	17	5286	51
74	5317	222	21	5305	63
77	5275	231	23	5275	69
83	5312	249	36	5307	108
96	5306	288	61	5316	183
98	5319	294	64	5287	192
--	--	--	75	5298	225
--	--	--	78	5306	234
--	--	--	80	5281	240
--	--	--	83	5273	249
--	--	--	88	5295	264
--	--	--	89	5312	267
--	--	--	91	5299	273
--	--	--	93	5279	279
--	--	--	95	5301	285

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5295	3	10	5290	30
2	5261	6	12	5289	36
3	5318	9	23	5279	69
10	5262	30	28	5302	84
17	5279	51	36	5316	108
32	5271	96	64	5304	192
36	5311	108	68	5319	204
44	5272	132	97	5293	291
46	5281	138	--	--	--
61	5260	183	--	--	--
62	5276	186	--	--	--
68	5278	204	--	--	--
73	5309	219	--	--	--
83	5310	249	--	--	--
84	5317	252	--	--	--
89	5265	267	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5225	9	4	5305	12
27	5284	81	16	5265	48
30	5232	90	28	5316	84
41	5267	123	29	5314	87
49	5280	147	34	5286	102
60	5287	180	38	5299	114
62	5276	186	39	5284	117
74	5279	222	48	5310	144
76	5274	228	65	5267	195
--	--	--	69	5307	207
--	--	--	70	5270	210
--	--	--	82	5282	246
--	--	--	95	5269	285

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5260	24	8	5292	24
20	5261	60	10	5301	30
37	5281	111	23	5294	69
60	5286	180	24	5264	72
64	5295	192	33	5286	99
70	5279	210	38	5254	114
86	5311	258	59	5296	177
87	5283	261	67	5260	201
91	5305	273	71	5289	213
--	--	--	75	5267	225

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5277	15	0	5316	0
38	5260	114	1	5291	3
42	5306	126	19	5288	57
50	5280	150	22	5314	66
67	5319	201	27	5299	81
72	5266	216	46	5286	138
78	5269	234	76	5305	228
86	5273	258	83	5354	249
--	--	--	91	5327	273

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5272	3	6	5260	18
5	5276	15	9	5302	27
12	5306	36	11	5275	33
17	5284	51	36	5271	108
19	5285	57	43	5287	129
21	5275	63	51	5299	153
23	5314	69	59	5268	177
59	5291	177	63	5288	189
60	5308	180	67	5300	201
71	5300	213	74	5292	222
73	5301	219	75	5265	225
78	5278	234	76	5266	228
92	5292	276	77	5278	231
--	--	--	78	5290	234
--	--	--	79	5295	237
--	--	--	95	5286	285
--	--	--	96	5303	288

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5305	18	21	5289	63
14	5293	42	27	5277	81
19	5301	57	30	5258	90
26	5313	78	34	5267	102
30	5296	90	35	5278	105
48	5299	144	36	5265	108
82	5311	246	43	5311	129
87	5290	261	45	5287	135
89	5355	267	49	5261	147
91	5307	273	54	5308	162
98	5318	294	69	5273	207
--	--	--	72	5286	216
--	--	--	80	5263	240
--	--	--	83	5260	249
--	--	--	92	5276	276
--	--	--	97	5279	291
--	--	--	99	5271	297

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5314	21	4	5276	12
23	5320	69	15	5304	45
37	5273	111	36	5270	108
38	5318	114	39	5315	117
41	5284	123	43	5311	129
42	5275	126	62	5288	186
46	5291	138	76	5273	228
47	5299	141	78	5280	234
49	5288	147	93	5266	279
51	5289	153	99	5272	297
52	5279	156	--	--	--
53	5313	159	--	--	--
59	5290	177	--	--	--
61	5314	183	--	--	--
70	5326	210	--	--	--
98	5318	294	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
28	5244	84	22	5293	66
39	5271	117	30	5303	90
49	5293	147	39	5308	117
54	5289	162	42	5309	126
62	5289	186	47	5305	141
68	5256	204	64	5324	192
84	5262	252	75	5310	225
86	5295	258	79	5318	237
88	5281	264	88	5311	264
89	5279	267	92	5299	276
--	--	--	95	5345	285
--	--	--	99	5311	297

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5289	0	6	5299	18
13	5290	39	9	5303	27
18	5273	54	15	5291	45
27	5271	81	30	5302	90
45	5292	135	34	5280	102
60	5317	180	44	5278	132
67	5276	201	46	5268	138
68	5278	204	47	5285	141
76	5312	228	50	5288	150
82	5315	246	63	5317	189
86	5294	258	65	5312	195
90	5287	270	68	5305	204
91	5314	273	76	5283	228
95	5266	285	80	5311	240
97	5304	291	89	5280	267
98	5299	294	92	5308	276
--	--	--	96	5290	288

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5301	6	2	5303	6
4	5297	12	12	5317	36
11	5274	33	16	5298	48
15	5278	45	29	5304	87
20	5287	60	42	5305	126
35	5301	105	45	5317	135
43	5285	129	47	5315	141
50	5269	150	49	5299	147
60	5288	180	55	5316	165
75	5286	225	57	5320	171
77	5291	231	65	5329	195
79	5276	237	74	5304	222
80	5294	240	80	5296	240
87	5270	261	91	5313	273
92	5298	276	96	5295	288

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5289	21	1	5307	3
16	5284	48	6	5262	18
45	5319	135	7	5309	21
49	5314	147	14	5293	42
63	5298	189	15	5291	45
65	5299	195	26	5300	78
67	5286	201	29	5295	87
75	5320	225	66	5302	198
90	5313	270	67	5275	201
93	5292	279	70	5273	210
--	--	--	74	5270	222
--	--	--	76	5316	228
--	--	--	77	5282	231
--	--	--	84	5272	252
--	--	--	97	5299	291

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5280	9	3	5295	9
4	5255	12	4	5290	12
7	556	21	45	5293	135
15	5277	45	48	5292	144
24	5249	72	64	5309	192
26	5261	78	73	5261	219
28	5281	84	78	5268	234
30	5288	90	83	5304	249
39	5218	117	96	5297	288
44	5277	132	97	5320	291
47	5287	141	--	--	--
51	5268	153	--	--	--
59	5289	177	--	--	--
60	5267	180	--	--	--
64	5266	192	--	--	--
70	5255	210	--	--	--
77	5235	231	--	--	--
99	5286	297	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5289	3	1	5289	3
15	5304	45	3	5296	9
19	5311	57	5	5314	15
28	5292	84	6	5294	18
35	5326	105	10	5293	30
44	5291	132	25	5299	75
57	5310	171	26	5284	78
67	5320	201	32	5320	96
83	5312	249	36	5308	108
93	5319	279	39	5279	117
94	5324	282	40	5306	120
98	5308	294	41	5274	123
--	--	--	58	5302	174
--	--	--	72	5301	216
--	--	--	79	5270	237
--	--	--	81	5295	243
--	--	--	90	5297	270
--	--	--	92	5265	276

Statistical Performance Check for 802.11ac-VHT80 + 80 - 5290MHz

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5279.1	1	638	83	1
2	5297.6	1	778	68	1
3	5282.7	1	698	76	1
4	5272.8	1	758	70	1
5	5300.2	1	518	102	1
6	5303.3	1	598	89	1
7	5261.1	1	678	78	1
8	5279.2	1	878	61	1
9	5307.4	1	538	99	1
10	5263.9	1	918	58	1
11	5309.8	1	938	57	1
12	5266.4	1	3066	18	1
13	5306.1	1	858	62	1
14	5311.2	1	818	65	1
15	5285.6	1	558	95	1
16	5313.0	1	2870	19	1
17	5276.0	1	2310	23	1
18	5294.5	1	1048	51	1
19	5321.6	1	2691	20	1
20	5291.8	1	2890	19	1
21	5319.4	1	834	64	1
22	5326.5	1	1177	45	1
23	5251.0	1	2671	20	1
24	5288.3	1	1998	27	1
25	5324.9	1	1815	30	1
26	5255.7	1	2162	25	1
27	5329.0	1	2068	26	1
28	5258.3	1	650	82	1
29	5315.8	1	2763	20	1
30	5317.9	1	3054	18	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	5251.0	1.3	221	28	1
2	5300.6	3.6	204	24	1
3	5306.8	3.1	184	23	1
4	5326.3	4.1	177	28	1
5	5255.3	4.5	207	26	1
6	5321.2	2.8	213	23	1
7	5294.5	3.9	230	26	1
8	5303.3	3.9	211	26	1
9	5297.8	2.3	179	24	1
10	5309.9	1.1	170	27	1
11	5324.7	3.5	193	28	1
12	5258.2	4.8	167	27	1
13	5329.0	3.0	200	28	1
14	5319.2	1.1	150	29	1
15	5261.7	2.6	161	23	1
16	5307.7	2.1	150	26	1
17	5311.3	4.5	205	29	1
18	5264.4	4.4	161	26	1
19	5285.7	3.1	227	29	1
20	5291.9	4.5	196	27	1
21	5317.8	4.7	169	29	1
22	5288.2	4.2	181	24	1
23	5313.1	1.1	217	28	1
24	5272.9	1.9	207	24	1
25	5315.6	4.3	156	27	1
26	5279.5	1.9	171	28	1
27	5282.4	4.0	193	28	1
28	5267.0	1.5	217	24	1
29	5270.3	3.8	188	29	1
30	5276.1	2.3	187	25	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	5288.7	6.8	433	16	1
2	5297.0	7.7	477	18	1
3	5294.5	7.5	405	18	1
4	5306.1	8.9	391	16	1
5	5311.7	7.4	422	18	1
6	5300.2	6.8	259	18	1
7	5319.3	6.3	290	18	1
8	5303.8	7.2	495	16	1
9	5309.5	6.8	350	18	1
10	5317.9	9.0	344	17	1
11	5291.3	7.6	495	16	1
12	5321.5	7.5	435	18	1
13	5254.9	9.4	329	17	1
14	5307.9	9.2	462	16	1
15	5315.4	8.3	336	16	1
16	5329.0	9.1	311	18	1
17	5251.0	7.1	272	17	1
18	5270.8	9.3	340	17	1
19	5276.4	9.8	386	16	1
20	5282.5	6.4	326	16	1
21	5257.2	9.4	442	16	1
22	5285.6	6.3	337	18	1
23	5261.7	6.4	255	17	1
24	5279.7	10.0	319	16	1
25	5267.2	6.0	443	16	1
26	5326.0	9.8	445	17	1
27	5264.3	9.0	292	18	1
28	5313.6	7.1	281	16	1
29	5324.2	9.7	274	18	1
30	5273.6	6.3	427	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	5278.8	16.9	300	12	1
2	5300.1	17.0	363	14	1
3	5275.7	17.3	390	16	1
4	5321.5	14.0	328	12	1
5	5272.9	18.2	479	13	1
6	5324.8	11.2	288	16	1
7	5319.1	11.4	367	12	1
8	5326.0	14.9	310	14	1
9	5270.1	19.2	314	16	1
10	5329.0	13.5	427	16	1
11	5267.2	14.5	491	15	1
12	5297.2	15.4	477	15	1
13	5282.1	16.7	330	15	1
14	5294.4	19.1	258	12	1
15	5285.5	18.7	278	13	1
16	5317.2	15.1	398	15	1
17	5264.5	16.1	474	15	1
18	5313.7	14.6	382	13	1
19	5288.4	11.3	269	15	1
20	5309.1	19.0	289	12	1
21	5261.7	11.5	261	12	1
22	5315.6	19.6	313	16	1
23	5291.9	17.2	349	15	1
24	5258.2	15.8	359	14	1
25	5303.7	19.9	422	15	1
26	5307.9	13.3	415	14	1
27	5311.4	16.6	453	14	1
28	5255.0	18.3	361	15	1
29	5306.6	16.9	421	13	1
30	5251.0	11.1	386	16	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	5255.6	1	16	5290.0	1
2	5254.0	1	17	5290.0	1
3	5257.6	1	18	5290.0	1
4	5255.2	1	19	5290.0	1
5	5258.8	1	20	5290.0	1
6	5254.4	1	21	5324.0	1
7	5259.6	1	22	5323.2	1
8	5256.0	1	23	5324.8	1
9	5259.2	1	24	5321.2	1
10	5256.8	1	25	5326.0	1
11	5290.0	1	26	5325.6	1
12	5290.0	1	27	5324.4	1
13	5290.0	1	28	5320.8	1
14	5290.0	1	29	5320.4	1
15	5290.0	1	30	5322.4	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

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	500882	3	9	50	1220	1932	1374	500882	0	999999
2	941767	1	9	95	1794	0	0	1447175	1000000	1999999
3	1239648	3	9	65	1625	1824	1129	2688617	2000000	2999999
4	359004	1	9	65	1255	0	0	3052199	3000000	3999999
5	1025189	2	9	75	1196	1767	0	4078623	4000000	4999999
6	1152070	1	9	75	1152	0	0	5233656	5000000	5999999
7	1309037	2	9	60	1923	1735	0	6543845	6000000	6999999
8	1285987	1	9	60	1198	0	0	7833490	7000000	7999999
9	866293	3	9	100	1127	1730	1789	8700981	8000000	8999999
10	609394	2	9	75	1549	1521	0	9315021	9000000	9999999
11	1381178	1	9	90	1795	0	0	10699289	10000000	10999999
12	438790	2	9	70	1926	1412	0	11139854	11000000	11999999
Total number of pulses in waveform = 22 *****										

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	489022	3	5	90	1501	1753	1041	488022	0	666666
2	258764	3	5	55	1577	1266	1340	751081	666667	1333333
3	1176159	2	5	85	1545	1272	0	1931423	1333334	2000000
4	79286	3	5	95	1534	1745	1047	2013526	2000001	2666667
5	862412	2	5	75	1901	1159	0	2880264	2666668	3333334
6	734499	2	5	50	1325	1567	0	3617823	3333335	4000001
7	411643	1	5	90	1309	0	0	4032358	4000002	4666668
8	1102730	1	5	50	1870	0	0	5136397	4666669	5333335
9	212445	3	5	95	1865	1413	1491	5350712	5333336	6000002
10	871605	1	5	80	1705	0	0	6227086	6000003	6666669
11	1102559	1	5	95	1961	0	0	7331350	6666670	7333336
12	163265	3	5	55	1738	1433	1456	7496576	7333337	8000003
13	1008321	3	5	50	1267	1211	1587	8509524	8000004	8666670
14	596332	2	5	50	1832	1987	0	9109921	8666671	9333337
15	826838	3	5	60	1587	1251	1159	9940578	9333338	10000004
16	117081	2	5	65	1907	1875	0	10061656	10000005	10666671
17	922076	1	5	80	1657	0	0	10987514	10666672	11333338
18	758174	1	5	55	1153	0	0	11747345	11333339	12000005

Total number of pulses in waveform = 37

Type 5 Radar Waveform_3

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	658191	1	14	95	1010	0	0	658191	0	1199999
2	801291	2	14	55	1673	1216	0	1460492	1200000	2399999
3	1029459	1	14	50	1725	0	0	2492840	2400000	3599999
4	1414182	2	14	90	1473	1227	0	3908747	3600000	4799999
5	1654675	3	14	70	1545	1353	1229	5566122	4800000	5999999
6	1529605	2	14	100	1941	1781	0	7099854	6000000	7199999
7	430952	1	14	55	1240	0	0	7534528	7200000	8399999
8	1414201	1	14	90	1010	0	0	8949969	8400000	9599999
9	740649	2	14	90	1410	1216	0	9691628	9600000	10799999
10	1287004	2	14	55	1894	1125	0	10981258	10800000	11999999

Total number of pulses in waveform = 17

Type 5 Radar Waveform_4

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	542972	3	8	95	1464	1641	1611	542972	0	857142
2	348682	2	8	100	1759	1178	0	896370	857143	1714285
3	1271603	1	8	50	1138	0	0	2170910	1714286	2571428
4	799368	2	8	55	1188	1432	0	2971416	2571429	3428571
5	1124268	3	8	65	1171	1212	1312	4098304	3428572	4285714
6	619918	3	8	70	1835	1870	1716	4721917	4285715	5142857
7	954624	2	8	85	1070	1457	0	5681962	5142858	6000000
8	677742	1	8	50	1452	0	0	6362231	6000001	6857143
9	835656	3	8	70	1885	1789	1376	7199339	6857144	7714286
10	800708	3	8	100	1482	1761	1229	8005097	7714287	8571429
11	659901	1	8	75	1248	0	0	8669470	8571430	9428572
12	881512	2	8	75	1280	1201	0	9552230	9428573	10285715
13	774030	2	8	95	1995	1042	0	10328741	10285716	11142858
14	1047775	2	8	50	1335	1722	0	11379553	11142859	12000001

Total number of pulses in waveform = 30

Type 5 Radar Waveform_5

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	592128	1	17	75	1936	0	0	8262	0	599999
2	944287	1	17	90	1610	0	0	602326	600000	1199999
3	547340	1	17	55	1353	0	0	1548223	1200000	1799999
4	386779	2	17	85	1836	1966	0	2096916	1800000	2399999
5	861210	3	17	55	1193	1481	1067	2487497	2400000	2999999
6	550221	3	17	60	1435	1016	1242	3352448	3000000	3599999
7	810504	2	17	60	1127	1068	0	3906362	3600000	4199999
8	614891	1	17	55	1358	0	0	4719061	4200000	4799999
9	578120	2	17	80	1654	1766	0	5335310	4800000	5399999
10	439902	2	17	75	1079	1196	0	5916850	5400000	5999999
11	274792	3	17	85	1997	1963	1383	6359027	6000000	6599999
12	614537	1	17	95	1984	0	0	6639162	6600000	7199999
13	1004966	1	17	55	1248	0	0	7255683	7200000	7799999
14	379619	1	17	75	1271	0	0	8261897	7800000	8399999
15	886560	2	17	90	1870	1712	0	8642787	8400000	8999999
16	546653	2	17	70	1827	1924	0	9532929	9000000	9599999
17	396530	2	17	70	1462	1047	0	10083333	9600000	10199999
18	683968	3	17	90	1005	1292	1828	10482372	10200000	10799999
19	770032	2	17	95	1434	1736	0	11170465	10800000	11399999
20	770032	3	17	80	1115	1040	1539	11943667	11400000	11999999

Total number of pulses in waveform = 38

Type 5 Radar Waveform_6

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	1736157	1	6	70	1792	0	0	297065	0	1090908
2	905196	3	6	65	1752	1045	1840	2035014	1090909	2181817
3	728359	1	6	85	1880	0	0	2944847	2181818	3272726
4	910420	1	6	60	1164	0	0	3675086	3272727	4363635
5	1224317	3	6	80	1977	1533	1334	4586670	4363636	5454544
6	1549661	3	6	90	1752	1452	1903	5815831	5454545	6545453
7	1086241	2	6	70	1634	1538	0	7370599	6545454	7636362
8	1071112	2	6	55	1891	1632	0	8460012	7636363	8727271
9	785997	1	6	90	1160	0	0	9534647	8727272	9818180
10	1396610	2	6	65	1400	1803	0	10321804	9818181	10909089
11	1396610	1	6	75	1697	0	0	11721617	10909090	11999998

Total number of pulses in waveform = 20

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	640836	2	19	75	1283	1402	0	640836	0	1333332
2	1506712	1	19	90	1442	0	0	2150233	1333333	2666665
3	1002018	2	19	95	1338	1974	0	3153693	2666666	3999998
4	1798741	1	19	75	1987	0	0	4955746	3999999	5333331
5	1605080	2	19	60	1100	1248	0	6562813	5333332	6666664
6	1296781	1	19	75	1112	0	0	7861942	6666665	7999997
7	1229516	3	19	80	1597	1938	1635	9092570	7999998	9333330
8	1333718	1	19	50	1327	0	0	10431458	9333331	10666663
9	308294	1	19	90	1219	0	0	10741079	10666664	11999996

Total number of pulses in waveform = 14



Type 5 Radar Waveform_8

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	122637	1	10	100	1722	0	0	122637	0	666666
2	914982	3	10	70	1606	1635	1434	1039341	666667	1333333
3	550293	1	10	60	1210	0	0	1594309	1333334	2000000
4	820671	1	10	80	1807	0	0	2416190	2000001	2666667
5	801248	2	10	80	1140	1298	0	3219245	2666668	3333334
6	275505	2	10	60	1750	1711	0	3497188	3333335	4000001
7	709847	1	10	70	1764	0	0	4210496	4000002	4666668
8	678830	3	10	85	1130	1007	1099	4891090	4666669	5333335
9	618764	1	10	75	1420	0	0	5513090	5333336	6000002
10	888251	3	10	80	1115	1372	1801	6402761	6000003	6666669
11	413271	3	10	80	1243	1196	1761	6820320	6666670	7333336
12	1002252	1	10	55	1980	0	0	7826772	7333337	8000003
13	564521	1	10	100	1547	0	0	8393273	8000004	8666670
14	731697	2	10	50	1776	1148	0	9126517	8666671	9333337
15	686216	3	10	60	1861	1936	1080	9815657	9333338	10000004
16	826125	3	10	90	1921	1679	1643	10646659	10000005	10666671
17	328815	2	10	85	1340	1350	0	10980717	10666672	11333338
18	451158	1	10	60	1409	0	0	11434595	11333339	12000005

Total number of pulses in waveform = 34

Type 5 Radar Waveform_9

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	364222	2	18	85	1610	1729	0	364222	0	799999
2	844488	3	18	60	1779	1305	1352	1212049	800000	1599999
3	1113688	2	18	100	1433	1824	0	2330173	1600000	2399999
4	135748	3	18	80	1990	1885	1921	2469178	2400000	3199999
5	1435856	2	18	55	1827	1519	0	3910630	3200000	3999999
6	720910	2	18	100	1503	1332	0	4635086	4000000	4799999
7	228873	1	18	95	1004	0	0	4866794	4800000	5599999
8	920117	2	18	85	1081	1944	0	5787915	5600000	6399999
9	1272623	1	18	60	1627	0	0	7063563	6400000	7199999
10	328322	2	18	75	1534	1190	0	7393512	7200000	7999999
11	1220914	1	18	65	1963	0	0	8617150	8000000	8799999
12	904771	3	18	75	1860	1614	1584	9523884	8800000	9599999
13	494284	2	18	50	1757	1746	0	10023226	9600000	10399999
14	654899	2	18	100	1077	1940	0	10681628	10400000	11199999
15	785261	1	18	65	1204	0	0	11469906	11200000	11999999

Total number of pulses in waveform = 29

Type 5 Radar Waveform_10

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	746663	2	12	55	1760	1998	0	746663	0	999999
2	810873	3	12	95	1991	1893	1172	1561294	1000000	1999999
3	861373	1	12	60	1654	0	0	2427723	2000000	2999999
4	646308	2	12	75	1500	1602	0	3075685	3000000	3999999
5	1092853	2	12	65	1601	1248	0	4171640	4000000	4999999
6	1340167	2	12	60	1020	1708	0	5514656	5000000	5999999
7	666370	3	12	85	1572	1471	1847	6183754	6000000	6999999
8	1290669	3	12	75	1612	1719	1061	7479313	7000000	7999999
9	784086	2	12	90	1019	1124	0	8267791	8000000	8999999
10	1408146	2	12	80	1353	1368	0	9678080	9000000	9999999
11	640948	2	12	55	1754	1306	0	10321749	10000000	10999999
12	1362347	2	12	50	1451	1178	0	11687156	11000000	11999999

Total number of pulses in waveform = 26



Type 5 Radar Waveform_11

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	425380	1	9	95	1620	0	0	425380	0	631578
2	731055	3	9	85	1661	1877	1765	1158055	631579	1263167
3	175628	1	9	50	1306	0	0	1338976	1263168	1894736
4	565393	3	9	60	1702	1845	1240	1905675	1894737	2526315
5	1003620	2	9	90	1221	1055	0	2914082	2526316	3157894
6	582833	3	9	70	1193	1723	1743	3499191	3157895	3789473
7	332284	2	9	50	1622	1534	0	3836134	3789474	4421052
8	1186806	1	9	80	1876	0	0	5026096	4421053	5052631
9	250240	2	9	85	1118	1002	0	5278212	5052632	5684210
10	437144	2	9	100	1996	1550	0	5717476	5684211	6315789
11	1020344	3	9	60	1971	1780	1781	6741366	6315790	6947368
12	623879	3	9	65	1773	1881	1516	7370777	6947369	7578947
13	481873	1	9	75	1469	0	0	7857820	7578948	8210526
14	581463	3	9	60	1977	1082	1222	8440752	8210527	8842105
15	713192	2	9	90	1485	1242	0	9158225	8842106	9473684
16	894627	3	9	75	1625	1146	1689	10055579	9473685	10105263
17	163152	1	9	100	1377	0	0	10223191	10105264	10736842
18	648255	1	9	60	1594	0	0	10872823	10736843	11368421
19	497969	1	9	75	1574	0	0	11372386	11368422	12000000

Total number of pulses in waveform = 38

Type 5 Radar Waveform_12

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	279648	3	12	65	1809	1155	1174	279648	0	749999
2	1158174	3	12	90	1857	1517	1883	1441960	750000	1499999
3	185512	3	12	80	1847	1251	1125	1632729	1500000	2249999
4	843233	1	12	60	1238	0	0	2480185	2250000	2999999
5	521635	1	12	95	1875	0	0	3003058	3000000	3749999
6	899238	1	12	85	1331	0	0	3904171	3750000	4499999
7	1306569	3	12	95	1846	1260	1462	5212071	4500000	5249999
8	561526	3	12	80	1406	1086	1775	5778165	5250000	5999999
9	511516	2	12	65	1347	1831	0	6293948	6000000	6749999
10	1127994	2	12	95	1427	1356	0	7425120	6750000	7499999
11	269313	3	12	70	1284	1306	1862	7697216	7500000	8249999
12	1116729	1	12	95	1120	0	0	8818397	8250000	8999999
13	319022	2	12	95	1777	1806	0	9138539	9000000	9749999
14	1288165	2	12	75	1663	1083	0	10430287	9750000	10499999
15	741094	2	12	95	1064	1545	0	11174127	10500000	11249999
16	547599	2	12	100	1911	1049	0	11724335	11250000	11999999

Total number of pulses in waveform = 34

Type 5 Radar Waveform_13

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	720803	2	5	70	1438	1035	0	720803	0	1199999
2	854110	3	5	55	1293	1137	1670	1577386	1200000	2399999
3	1925795	2	5	65	1738	1979	0	3507281	2400000	3599999
4	264163	1	5	75	1359	0	0	3775161	3600000	4799999
5	1071241	1	5	65	1886	0	0	4847761	4800000	5999999
6	2239648	1	5	85	1957	0	0	7089295	6000000	7199999
7	679616	2	5	75	1020	1202	0	7770868	7200000	8399999
8	793264	2	5	90	1407	1408	0	8566354	8400000	9599999
9	1857845	3	5	80	1944	1571	1706	10427014	9600000	10799999
10	1387258	1	5	95	1340	0	0	11819493	10800000	11999999

Total number of pulses in waveform = 18

Type 5 Radar Waveform_14

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	225406	3	14	75	1337	1856	1281	225406	0	923076
2	886693	1	14	55	1681	0	0	1116573	923077	1846153
3	824586	2	14	70	1827	1607	0	1942840	1846154	2769230
4	1519453	1	14	100	1205	0	0	3465727	2769231	3692307
5	292387	3	14	75	1444	1340	1969	3759319	3692308	4615384
6	1409693	3	14	50	1107	1045	1581	5173765	4615385	5538461
7	580956	2	14	65	1668	1438	0	5758454	5538462	6461538
8	701187	3	14	55	1363	1397	1603	6462747	6461539	7384615
9	931326	3	14	55	1460	1994	1967	7398436	7384616	8307692
10	1191724	3	14	60	1837	1198	1411	8595581	8307693	9230769
11	984192	3	14	70	1703	1981	1236	9584219	9230770	10153846
12	980133	2	14	50	1252	1547	0	10569272	10153847	11076923
13	1295696	1	14	80	1029	0	0	11867767	11076924	12000000

Total number of pulses in waveform = 30

Type 5 Radar Waveform_15

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	152645	3	8	95	1199	1241	1764	152645	0	799999
2	728784	1	8	55	1683	0	0	885633	800000	1599999
3	1368268	1	8	50	1114	0	0	2255584	1600000	2399999
4	155733	3	8	85	1599	1934	1953	2412431	2400000	3199999
5	948643	3	8	100	1673	1537	1234	3366560	3200000	3999999
6	1320629	1	8	95	1164	0	0	4691633	4000000	4799999
7	226348	2	8	50	1843	1420	0	4919145	4800000	5599999
8	1256119	2	8	70	1305	1859	0	6178527	5600000	6399999
9	288720	3	8	90	1907	1563	1464	6470411	6400000	7199999
10	1114343	2	8	100	1002	1384	0	7589688	7200000	7999999
11	1025483	1	8	70	1162	0	0	8617557	8000000	8799999
12	845041	2	8	90	1927	1160	0	9463760	8800000	9599999
13	786693	1	8	55	1570	0	0	10253540	9600000	10399999
14	876022	2	8	80	1503	1041	0	11131132	10400000	11199999
15	394107	1	8	85	1447	0	0	11527783	11200000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_16

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	501701	1	19	55	1551	0	0	501701	0	857142
2	649104	3	19	80	1753	1940	1659	1152356	857143	1714285
3	683797	3	19	55	1263	1486	1841	1841505	1714286	2571428
4	1358658	3	19	90	1589	1185	1037	3204753	2571429	3428571
5	596513	1	19	90	1668	0	0	3805077	3428572	4285714
6	1157746	2	19	90	1165	1318	0	4964491	4285715	5142857
7	881552	3	19	85	1751	1072	1880	5848526	5142858	6000000
8	953919	3	19	80	1439	1312	1302	6807148	6000001	6857143
9	161740	3	19	75	1991	1840	1490	6972941	6857144	7714286
10	782449	3	19	60	1195	1132	1449	7760711	7714287	8571429
11	1433963	3	19	70	1290	1980	1325	9198450	8571430	9428572
12	798947	1	19	90	1481	0	0	10001992	9428573	10285715
13	340736	2	19	80	1563	1739	0	10344209	10285716	11142858
14	1361576	1	19	60	1754	0	0	11709087	11142859	12000001

Total number of pulses in waveform = 32

Type 5 Radar Waveform_17

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	296980	2	6	85	1644	1109	0	296980	0	799999
2	1275357	1	6	100	1429	0	0	1575090	800000	1599999
3	300637	1	6	80	1610	0	0	1877156	1600000	2399999
4	754363	2	6	85	1229	1744	0	2633129	2400000	3199999
5	1203135	1	6	60	1312	0	0	3839237	3200000	3999999
6	562596	1	6	75	1543	0	0	4403145	4000000	4799999
7	737456	1	6	95	1402	0	0	5142144	4800000	5599999
8	856067	2	6	75	1801	1008	0	5999613	5600000	6399999
9	1044673	2	6	80	1290	1284	0	7047095	6400000	7199999
10	703193	1	6	60	1056	0	0	7752862	7200000	7999999
11	826736	3	6	50	1147	1186	1245	8580654	8000000	8799999
12	932971	3	6	55	1940	1499	1799	9517203	8800000	9599999
13	252215	3	6	60	1652	1765	1608	9774656	9600000	10399999
14	891729	3	6	60	1177	1850	1429	10671410	10400000	11199999
15	754170	2	6	100	1530	1564	0	11430036	11200000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_18

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	248183	3	18	85	1240	1359	1063	248183	0	1199999
2	1795448	3	18	90	1290	1715	1790	2047293	1200000	2399999
3	692206	3	18	50	1009	1263	1589	2744294	2400000	3599999
4	1054664	2	18	90	1137	1110	0	3802819	3600000	4799999
5	1732915	3	18	100	1321	1660	1096	5537981	4800000	5999999
6	513273	1	18	100	1146	0	0	6055331	6000000	7199999
7	2281320	3	18	50	1702	1123	1637	8337797	7200000	8399999
8	350430	3	18	50	1433	1674	1314	8692689	8400000	9599999
9	1893223	1	18	100	1316	0	0	10590333	9600000	10799999
10	593939	1	18	100	1527	0	0	11185588	10800000	11999999

Total number of pulses in waveform = 23

Type 5 Radar Waveform_19

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	525097	2	10	75	1494	1630	0	525097	0	999999
2	1330055	3	10	85	1916	1987	1971	1858276	1000000	1999999
3	817535	2	10	50	1288	1695	0	2681685	2000000	2999999
4	516422	1	10	90	1760	0	0	3201090	3000000	3999999
5	1526328	1	10	55	1264	0	0	4729178	4000000	4999999
6	501506	2	10	55	1546	1383	0	5231948	5000000	5999999
7	1193485	3	10	60	1240	1494	1188	6428362	6000000	6999999
8	1542421	3	10	55	1342	1888	1975	7974705	7000000	7999999
9	391798	3	10	100	1750	1414	1463	8371708	8000000	8999999
10	1551020	3	10	80	1954	1845	1610	9927355	9000000	9999999
11	133747	1	10	100	1057	0	0	10066511	10000000	10999999
12	1052002	1	10	95	1609	0	0	11119570	11000000	11999999

Total number of pulses in waveform = 25

Type 5 Radar Waveform_20

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	525097	2	17	75	1494	1630	0	525097	0	999999
2	1330055	3	17	85	1916	1987	1971	1858276	1000000	1999999
3	817535	2	17	50	1288	1695	0	2681685	2000000	2999999
4	516422	1	17	90	1760	0	0	3201090	3000000	3999999
5	1526328	1	17	55	1264	0	0	4729178	4000000	4999999
6	501506	2	17	55	1546	1383	0	5231948	5000000	5999999
7	1193485	3	17	60	1240	1494	1188	6428362	6000000	6999999
8	1542421	3	17	55	1342	1888	1975	7974705	7000000	7999999
9	391798	3	17	100	1750	1414	1463	8371708	8000000	8999999
10	1551020	3	17	80	1954	1845	1610	9927355	9000000	9999999
11	133747	1	17	100	1057	0	0	10065511	10000000	10999999
12	1052002	1	17	95	1609	0	0	11119570	11000000	11999999

Total number of pulses in waveform = 25

Type 5 Radar Waveform_21

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	625262	2	10	85	1021	1890	0	625262	0	799999
2	946189	1	10	90	1903	0	0	1574362	800000	1599999
3	276879	1	10	80	1479	0	0	1853144	1600000	2399999
4	874169	2	10	85	1943	1736	0	2728792	2400000	3199999
5	746858	3	10	55	1546	1987	1358	3478329	3200000	3999999
6	1308924	2	10	80	1424	1157	0	4792144	4000000	4799999
7	367286	1	10	60	1217	0	0	5162011	4800000	5599999
8	1067117	2	10	80	1722	1588	0	6230345	5600000	6399999
9	209638	2	10	65	1516	1833	0	6443293	6400000	7199999
10	1255702	1	10	85	1750	0	0	7702344	7200000	7999999
11	533818	1	10	95	1277	0	0	8237912	8000000	8799999
12	1240440	1	10	50	1919	0	0	9479629	8800000	9599999
13	660786	1	10	75	1927	0	0	10142334	9600000	10399999
14	627847	3	10	95	1596	1063	1078	10772108	10400000	11199999
15	508064	3	10	90	1914	1509	1606	11283909	11200000	11999999

Total number of pulses in waveform = 26

Type 5 Radar Waveform_22

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	841188	1	12	95	1431	0	0	841188	0	1499999
2	1990947	1	12	80	1426	0	0	2833566	1500000	2999999
3	1517937	3	12	60	1832	1299	1725	4352929	3000000	4499999
4	220806	1	12	80	1449	0	0	4578591	4500000	5999999
5	2479919	2	12	90	1775	1512	0	7059959	6000000	7499999
6	693077	3	12	95	1292	1096	1922	7756323	7500000	8999999
7	2570659	3	12	80	1762	1881	1302	10331292	9000000	10499999
8	780641	1	12	70	1011	0	0	11116878	10500000	11999999

Total number of pulses in waveform = 15

Type 5 Radar Waveform_23

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	7090	1	8	95	1051	0	0	7090	0	749999
2	812293	1	8	50	1724	0	0	820434	750000	1499999
3	705695	3	8	55	1659	1073	1573	1527853	1500000	2249999
4	1200596	1	8	95	1462	0	0	2732754	2250000	2999999
5	737984	2	8	90	1758	1541	0	3472200	3000000	3749999
6	316540	1	8	60	1066	0	0	3792039	3750000	4499999
7	1037112	2	8	90	1299	1395	0	4830217	4500000	5249999
8	596774	1	8	80	1173	0	0	5429685	5250000	5999999
9	1271822	3	8	95	1863	1983	1912	6702680	6000000	6749999
10	675953	1	8	70	1048	0	0	7384391	6750000	7499999
11	575488	1	8	60	1762	0	0	7960927	7500000	8249999
12	571615	3	8	100	1899	1784	1459	8534304	8250000	8999999
13	795957	3	8	55	1184	1635	1599	9335403	9000000	9749999
14	512640	2	8	85	2000	1499	0	9852461	9750000	10499999
15	1016420	1	8	100	1319	0	0	10872380	10500000	11249999
16	702504	2	8	60	1759	1070	0	11576203	11250000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_24

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	2951	2	17	65	1426	1350	0	2951	0	749999
2	1037874	3	17	95	1880	1456	1168	1043601	750000	1499999
3	1105265	2	17	90	1876	1688	0	2153370	1500000	2249999
4	263350	3	17	95	1242	1499	1078	2420284	2250000	2999999
5	631630	1	17	50	1514	0	0	3055733	3000000	3749999
6	734498	3	17	50	1696	1020	1617	3791745	3750000	4499999
7	1294924	1	17	65	1633	0	0	5091002	4500000	5249999
8	220659	2	17	65	1784	1770	0	5313294	5250000	5999999
9	1324319	1	17	80	1524	0	0	6641167	6000000	6749999
10	718405	1	17	75	1130	0	0	7361096	6750000	7499999
11	196003	3	17	90	1293	1707	1876	7558229	7500000	8249999
12	1043467	2	17	90	1721	1935	0	8606572	8250000	8999999
13	620487	3	17	75	1638	1960	1947	9230715	9000000	9749999
14	789588	3	17	70	1842	1778	1762	10025848	9750000	10499999
15	700515	1	17	55	1789	0	0	10731745	10500000	11249999
16	773668	3	17	65	1791	1832	1644	11507202	11250000	11999999

Total number of pulses in waveform = 34

Type 5 Radar Waveform_25

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	491511	1	5	75	1963	0	0	491511	0	705881
2	394981	2	5	55	1994	1676	0	888455	705882	1411763
3	1060739	2	5	75	1068	1707	0	1952864	1411764	2117645
4	781182	1	5	55	1595	0	0	2736821	2117646	2823527
5	743231	2	5	55	1919	1665	0	3481647	2823528	3529409
6	426511	3	5	55	1860	1844	1270	3911742	3529410	4235291
7	807425	3	5	65	1183	1371	1255	4724141	4235292	4941173
8	694659	3	5	95	1507	1976	1026	5422609	4941174	5647055
9	485466	3	5	65	1992	1591	1542	5912584	5647056	6352937
10	964321	3	5	95	1799	1038	1401	6882030	6352938	7058819
11	847593	1	5	65	1039	0	0	7733861	7058820	7764701
12	265286	3	5	95	1517	1133	1120	8000186	7764702	8470583
13	498662	1	5	60	1066	0	0	8502618	8470584	9176465
14	1280319	3	5	60	1098	1906	1999	9784003	9176466	9882347
15	117919	3	5	50	1005	1933	1731	9906925	9882348	10588229
16	772506	3	5	55	1588	1877	1141	10684100	10588230	11294111
17	1295627	1	5	65	1282	0	0	11984333	11294112	11999993

Total number of pulses in waveform = 38

Type 5 Radar Waveform_26

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	478449	1	6	100	1293	0	0	478449	0	666666
2	648660	3	6	70	1200	1695	1942	1128402	666667	1333333
3	395467	3	6	95	1323	1678	1403	1528106	1333334	2000000
4	685737	1	6	95	1798	0	0	2218247	2000001	2666667
5	733750	2	6	80	1924	1397	0	2953795	2666668	3333334
6	652332	2	6	90	1098	1534	0	3609448	3333335	4000001
7	904961	1	6	80	1941	0	0	4517041	4000002	4666668
8	487521	3	6	60	1856	1685	1763	5006503	4666669	5333335
9	556037	1	6	90	1008	0	0	5567844	5333336	6000002
10	1015620	2	6	55	1300	1789	0	6584472	6000003	6666669
11	214449	2	6	95	1946	1913	0	6802010	6666670	7333336
12	559697	3	6	100	1608	1514	1514	7365566	7333337	8000003
13	760758	3	6	80	1196	1140	1517	8130960	8000004	8666670
14	536454	2	6	55	1818	1513	0	8671267	8666671	9333337
15	926685	3	6	50	1115	1003	1261	9601283	9333338	10000004
16	1008475	1	6	50	1510	0	0	10613137	10000005	10666671
17	566276	1	6	65	1897	0	0	11180923	10666672	11333338
18	761653	2	6	75	1966	1233	0	11944473	11333339	12000005

Total number of pulses in waveform = 36

Type 5 Radar Waveform_27

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	120827	1	9	55	1994	0	0	120827	0	799999
2	1294415	2	9	65	1109	1614	0	1417236	800000	1599999
3	286814	2	9	80	1043	1132	0	1706773	1600000	2399999
4	955491	1	9	50	1200	0	0	2664439	2400000	3199999
5	1127179	2	9	65	1652	1336	0	3792818	3200000	3999999
6	660924	2	9	95	1209	1258	0	4456730	4000000	4799999
7	1055095	1	9	90	1117	0	0	5514292	4800000	5599999
8	624659	3	9	85	1894	1854	1899	6140068	5600000	6399999
9	784123	2	9	50	1398	1981	0	6929638	6400000	7199999
10	500513	3	9	95	1216	1452	1847	7433730	7200000	7999999
11	772930	1	9	100	1693	0	0	8211175	8000000	8799999
12	968356	2	9	75	1077	1514	0	9181224	8800000	9599999
13	851380	3	9	60	1354	1634	1636	10035195	9600000	10399999
14	1097769	3	9	75	1737	1802	1498	11137588	10400000	11199999
15	685365	2	9	95	1379	1050	0	11827990	11200000	11999999

Total number of pulses in waveform = 30

Type 5 Radar Waveform_28

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	520966	2	18	80	1874	1340	0	520966	0	1499999
2	1656252	1	18	70	1096	0	0	2180432	1500000	2999999
3	1866156	1	18	100	1238	0	0	4047684	3000000	4499999
4	1904724	3	18	55	1737	1686	1507	5953646	4500000	5999999
5	493374	3	18	80	1277	1666	1576	6451950	6000000	7499999
6	1405944	3	18	50	1748	1225	1050	7862413	7500000	8999999
7	2270626	2	18	85	1265	1550	0	10137062	9000000	10499999
8	735124	1	18	90	1774	0	0	10875001	10500000	11999999

Total number of pulses in waveform = 16



Type 5 Radar Waveform_29

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	570921	3	19	90	1446	1526	1020	570921	0	1090908
2	1377112	2	19	90	1140	1617	0	1952025	1090909	2181817
3	865064	2	19	65	1439	1599	0	2819846	2181818	3272726
4	848960	2	19	55	1391	1269	0	3671844	3272727	4363635
5	852792	3	19	55	1909	1669	1691	4527296	4363636	5454544
6	1276526	3	19	75	1219	1788	1494	5809091	5454545	6545453
7	878312	2	19	60	1535	1801	0	6691904	6545454	7636362
8	1353475	3	19	90	1442	1694	1991	8048715	7636363	8727271
9	1044131	1	19	75	1482	0	0	9097973	8727272	9818180
10	1089008	1	19	70	1834	0	0	10188463	9818181	10909089
11	1421081	2	19	75	1544	1004	0	11611378	10909090	11999998

Total number of pulses in waveform = 24

Type 5 Radar Waveform_30

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	91680	1	14	90	1045	0	0	91680	0	749999
2	761586	1	14	80	1183	0	0	854311	750000	1499999
3	1170277	2	14	75	1045	1648	0	2025771	1500000	2249999
4	367068	3	14	90	1488	1456	1253	2395532	2250000	2999999
5	612665	1	14	95	1277	0	0	3012394	3000000	3749999
6	1264729	1	14	80	1125	0	0	4278400	3750000	4499999
7	443594	3	14	85	1572	1734	1266	4723119	4500000	5249999
8	974588	1	14	55	1767	0	0	5702279	5250000	5999999
9	905116	2	14	65	1215	1803	0	6609162	6000000	6749999
10	807194	1	14	50	1326	0	0	7419374	6750000	7499999
11	202180	1	14	70	1853	0	0	7622880	7500000	8249999
12	1115213	1	14	50	1390	0	0	8739946	8250000	8999999
13	588714	1	14	75	1914	0	0	9330050	9000000	9749999
14	559096	2	14	100	1297	1137	0	9891060	9750000	10499999
15	1024257	2	14	50	1452	1657	0	10917751	10500000	11249999
16	802876	3	14	55	1928	1577	1634	11723736	11250000	11999999

Total number of pulses in waveform = 26

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	5266.9	1	16	5291.0	1
2	5300.8	1	17	5297.7	1
3	5329.0	1	18	5324.7	1
4	5279.5	1	19	5321.5	1
5	5326.2	1	20	5279.3	1
6	5313.4	1	21	5251.0	1
7	5276.0	1	22	5282.5	1
8	5288.6	1	23	5294.3	1
9	5317.6	1	24	5272.8	1
10	5255.2	1	25	5285.8	1
11	5307.2	1	26	5305.8	1
12	5311.1	1	27	5258.1	1
13	5264.4	1	28	5309.7	1
14	5315.8	1	29	5261.0	1
15	5319.3	1	30	5303.3	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5299	0	0	5318	0
3	5297	9	4	5298	12
5	5306	15	9	5291	27
13	5290	39	12	5294	36
18	5286	54	18	5319	54
23	5293	69	25	5288	75
25	5270	75	26	5305	78
32	5264	96	36	5269	108
33	5271	99	38	5268	114
34	5304	102	45	5299	135
40	5287	120	57	5264	171
42	5268	126	61	5267	183
45	5292	135	80	5307	240
67	5295	201	82	5277	246
70	5296	210	84	5270	252
73	5282	219	95	5275	285
78	5265	234	--	--	--
81	5274	243	--	--	--
83	5280	249	--	--	--
88	5281	264	--	--	--
92	5299	276	--	--	--
99	5273	297	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5311	3	1	5318	3
3	5326	9	4	5275	12
5	5313	15	5	5301	15
26	5329	78	9	5262	27
28	5344	84	11	5287	33
29	5305	87	14	5299	42
30	5351	90	16	5306	48
45	5340	135	31	5294	93
47	5316	141	34	5289	102
59	5318	177	35	5272	105
66	5315	198	54	5307	162
72	5322	216	68	5288	204
79	5295	237	80	5269	240
81	5319	243	87	5312	261
91	5308	273	89	5281	267
94	5312	282	91	5261	273
--	--	--	94	5314	282

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5313	18	11	5281	33
16	5345	48	14	5297	42
26	5357	78	21	5305	63
33	5312	99	27	5294	81
40	5300	120	36	5318	108
41	5324	123	55	5277	165
44	5295	132	57	5292	171
47	5318	141	65	5287	195
65	5299	195	67	5308	201
73	5328	219	75	5289	225
74	5310	222	91	5295	273
84	5333	252	92	5311	276
97	5308	291	99	5322	297
98	5348	294	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5298	3	13	5289	39
6	5300	18	19	5276	57
22	5289	66	23	5316	69
24	5308	72	25	5281	75
34	5304	102	40	5305	120
54	5245	162	41	5290	123
61	5309	183	43	5309	129
62	5306	186	48	5288	144
63	5288	189	63	5288	189
71	5295	213	71	5311	213
95	5313	285	76	5302	228
96	5304	288	77	5279	231
--	--	--	83	5299	249
--	--	--	96	5312	288

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5307	3	1	5280	3
27	5290	81	7	5274	21
31	5301	93	8	5296	24
53	5297	159	15	5270	45
68	5283	204	19	5236	57
82	5291	246	27	5268	81
84	5310	252	33	5265	99
86	5304	258	42	5256	126
92	5292	276	48	5290	144
95	5309	285	52	5278	156
--	--	--	65	5267	195
--	--	--	67	5261	201
--	--	--	72	5233	216
--	--	--	83	5226	249
--	--	--	92	5288	276

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Frequency (MHz)	Hopping Number	Pulse Start (ms)
4	5299	12	6	5289	18
6	5303	18	10	5290	30
7	5293	21	11	5344	33
26	5301	78	22	5286	66
32	5298	96	25	5279	75
33	5325	99	33	5327	99
37	5302	111	57	5279	171
55	5311	165	59	5293	177
59	5318	177	67	5294	201
73	5312	219	74	5278	222
78	5286	234	84	5288	252
85	5289	255	89	5291	267

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5295	6	12	5294	36
3	5271	9	22	5280	66
9	5285	27	30	5269	90
11	5301	33	39	5281	117
14	5267	42	42	5288	126
20	5302	60	47	5308	141
24	5288	72	49	5301	147
26	5276	78	52	5279	156
27	5245	81	75	5285	225
39	5267	117	76	5299	228
45	5238	135	78	5282	234
64	5272	192	81	5273	243
82	5298	246	94	5275	282
--	--	--	99	5311	297

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5293	6	1	5281	3
4	5287	12	2	5318	6
6	5311	18	5	5296	15
12	5286	36	6	5298	18
14	5327	42	12	5305	36
24	5290	72	38	5289	114
26	5328	78	66	5299	198
36	5291	108	69	5309	207
37	5292	111	70	5284	210
52	5351	156	71	5295	213
55	5299	165	80	5319	240
60	5295	180	--	--	--
67	5302	201	--	--	--
78	5283	234	--	--	--
81	5318	243	--	--	--
90	5326	270	--	--	--
91	5311	273	--	--	--
93	5319	279	--	--	--
95	5336	285	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5327	9	2	5305	6
4	5282	12	11	5314	33
9	5327	27	15	5310	45
22	5289	66	21	5319	63
25	5303	75	33	5291	99
31	5313	93	37	5299	111
49	5309	147	42	5307	126
63	5326	189	49	5318	147
65	5325	195	51	5326	153
73	5289	219	77	5320	231
81	5317	243	91	5294	273
82	5336	246	94	5306	282
--	--	--	96	5289	288

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5307	21	4	5295	12
13	5293	39	8	5299	24
16	5290	48	11	5290	33
28	5284	84	18	5311	54
40	5299	120	21	5267	63
41	5292	123	25	5310	75
45	5294	135	35	5278	105
48	5311	144	53	5291	159
49	5315	147	56	5308	168
51	5322	153	62	5244	186
58	5328	174	63	5253	189
61	5291	183	75	5311	225
63	5305	189	81	5296	243
89	5309	267	87	5289	261
93	5245	279	90	5317	270
94	5318	282	93	5309	279

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5267	3	1	5296	3
2	5278	6	6	5287	18
3	5256	9	19	5285	57
7	5289	21	28	5295	84
23	5280	69	51	5272	153
37	5226	111	58	5298	174
46	5267	138	61	5318	183
48	5278	144	74	5273	222
50	5258	150	76	5315	228
62	5237	186	77	5282	231
79	5282	237	82	5262	246
85	5277	255	92	5297	276
86	5244	258	98	5299	294
98	5238	294	99	5263	297

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5270	0	3	5309	9
10	5285	30	13	5279	39
15	5282	45	22	5264	66
16	5290	48	29	5277	87
19	5267	57	37	5276	111
24	5277	72	43	5267	129
25	5289	75	51	5303	153
26	5267	78	52	5294	156
29	5280	87	59	5306	177
48	5287	144	73	5283	219
57	5268	171	79	5299	237
95	5266	285	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5313	39	5	5269	15
14	5290	42	15	5309	45
20	5275	60	38	5281	114
25	5302	75	48	5308	144
26	5316	78	53	5278	159
28	5284	84	54	5300	162
37	5308	111	61	5292	183
42	5261	126	67	5267	201
45	5281	135	--	--	--
60	5314	180	--	--	--
64	5298	192	--	--	--
78	5291	234	--	--	--
89	5299	267	--	--	--
91	5310	273	--	--	--
93	5312	279	--	--	--
97	5276	291	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5263	0	1	5319	3
3	5234	9	37	5290	111
10	5281	30	38	5272	114
14	5267	42	40	5300	120
24	5292	72	45	5269	135
52	5233	156	52	5289	156
55	5284	165	63	5316	189
87	5267	261	68	5284	204
89	5295	267	71	5320	213
98	5277	294	76	5292	228
99	5290	297	82	5311	246
--	--	--	83	5283	249
--	--	--	89	5282	267
--	--	--	96	5294	288

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5262	18	9	5274	27
15	5296	45	10	5291	30
16	5276	48	11	5305	33
22	5281	66	35	5315	105
23	5275	69	38	5319	114
25	5288	75	44	5295	132
35	5263	105	63	5281	189
47	5280	141	66	5266	198
68	5291	204	80	5264	240
94	5264	282	81	5314	243
--	--	--	83	5268	249
--	--	--	93	5278	279

Radar Statistical Performance for 802.11ac-VHT80 + 80 – 5530MHz

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5507.9	1	798	67	1
2	5549.6	1	898	59	1
3	5513.3	1	718	74	1
4	5551.4	1	618	86	1
5	5516.7	1	578	92	1
6	5553.8	1	598	89	1
7	5519.8	1	678	78	1
8	5547.0	1	758	70	1
9	5510.1	1	738	72	1
10	5525.2	1	658	81	1
11	5528.6	1	778	68	1
12	5522.3	1	938	57	1
13	5566.6	1	538	99	1
14	5537.7	1	878	61	1
15	5569.0	1	698	76	1
16	5531.1	1	1992	27	1
17	5564.8	1	1287	42	1
18	5534.0	1	1878	29	1
19	5555.7	1	2801	19	1
20	5501.3	1	2909	19	1
21	5546.5	1	2639	20	1
22	5497.8	1	615	86	1
23	5557.3	1	1996	27	1
24	5504.5	1	729	73	1
25	5543.2	1	1606	33	1
26	5495.2	1	790	67	1
27	5561.4	1	2385	23	1
28	5559.1	1	2229	24	1
29	5491.0	1	2530	21	1
30	5540.9	1	1118	48	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	5531.1	2.3	205	24	1
2	5528.4	4.7	191	26	1
3	5569.0	5.0	207	24	1
4	5525.7	4.7	186	24	1
5	5551.3	1.0	207	29	1
6	5522.3	3.0	195	27	1
7	5549.7	3.3	179	27	1
8	5519.5	4.5	207	28	1
9	5547.6	3.9	158	28	1
10	5555.4	5.0	172	28	1
11	5516.3	4.4	213	27	1
12	5553.6	4.6	218	27	1
13	5534.0	1.9	166	25	1
14	5564.5	4.4	223	29	1
15	5506.5	1.0	150	25	1
16	5566.7	3.5	163	28	1
17	5503.8	1.4	208	23	1
18	5561.2	2.0	166	24	1
19	5500.9	2.5	189	29	1
20	5557.9	1.3	153	23	1
21	5498.1	4.5	192	25	1
22	5559.7	2.2	205	27	1
23	5543.3	2.3	174	25	1
24	5536.8	2.5	213	27	1
25	5495.3	1.5	230	28	1
26	5513.0	3.1	152	26	1
27	5545.1	2.7	205	28	1
28	5510.1	2.6	210	27	1
29	5540.2	3.3	212	29	1
30	5491.0	2.7	151	23	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	5519.8	6.4	380	17	1
2	5525.7	7.6	447	16	1
3	5522.6	7.7	306	17	1
4	5531.6	6.7	454	16	1
5	5540.5	7.8	260	18	1
6	5516.2	8.8	367	16	1
7	5537.2	9.7	440	17	1
8	5513.3	9.8	410	16	1
9	5553.8	8.8	367	18	1
10	5566.4	7.6	366	17	1
11	5510.6	6.3	377	16	1
12	5534.8	6.3	344	16	1
13	5528.1	6.7	307	18	1
14	5551.1	6.3	398	16	1
15	5564.8	9.2	497	17	1
16	5549.3	7.9	423	17	1
17	5561.5	9.1	374	17	1
18	5507.9	7.4	332	16	1
19	5547.0	7.1	252	18	1
20	5569.0	8.2	297	17	1
21	5494.8	9.2	375	16	1
22	5557.3	8.2	327	16	1
23	5501.5	8.4	317	16	1
24	5546.2	7.7	304	17	1
25	5491.0	7.7	442	17	1
26	5559.7	6.8	380	18	1
27	5504.2	6.3	473	18	1
28	5555.6	9.8	278	16	1
29	5543.8	8.9	401	18	1
30	5498.1	7.3	449	18	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	5513.0	18.3	334	13	1
2	5540.4	13.6	446	15	1
3	5557.2	11.3	348	16	1
4	5561.5	19.8	411	16	1
5	5510.5	11.0	486	15	1
6	5543.6	19.5	345	16	1
7	5537.1	19.1	299	12	1
8	5559.0	11.0	275	14	1
9	5564.3	14.7	308	12	1
10	5507.7	14.7	395	13	1
11	5533.5	18.9	484	15	1
12	5566.9	18.1	353	13	1
13	5504.3	15.4	443	16	1
14	5569.0	15.8	348	12	1
15	5501.0	15.1	340	14	1
16	5530.8	17.4	282	14	1
17	5549.2	15.2	417	14	1
18	5497.3	17.4	394	13	1
19	5547.7	14.9	374	15	1
20	5524.7	11.4	331	16	1
21	5555.9	13.7	352	13	1
22	5528.1	15.1	472	13	1
23	5494.9	12.5	441	12	1
24	5551.4	12.7	496	14	1
25	5521.9	11.6	463	14	1
26	5546.5	18.3	354	15	1
27	5517.8	14.9	309	15	1
28	5553.8	18.4	363	16	1
29	5515.3	15.0	451	12	1
30	5491.0	19.5	422	15	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	5495.6	1	16	5530.0	1
2	5497.6	1	17	5530.0	1
3	5494.4	1	18	5530.0	1
4	5496.8	1	19	5530.0	1
5	5499.6	1	20	5530.0	1
6	5494.0	1	21	5564.8	1
7	5499.2	1	22	5564.4	1
8	5495.2	1	23	5566.0	1
9	5498.8	1	24	5562.4	1
10	5496.0	1	25	5565.6	1
11	5530.0	1	26	5561.2	1
12	5530.0	1	27	5560.8	1
13	5530.0	1	28	5560.4	1
14	5530.0	1	29	5563.2	1
15	5530.0	1	30	5564.0	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

Type 5 Radar Waveform_1										
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	300820	3	9	60	1811	1350	1355	300820	0	749999
2	779223	1	9	95	1455	0	0	1084559	750000	1499999
3	1062120	3	9	55	1991	1295	1819	2148134	1500000	2249999
4	731127	1	9	65	1473	0	0	2884366	2250000	2999999
5	775820	3	9	100	1617	1404	1277	3661659	3000000	3749999
6	328454	2	9	80	1482	1233	0	3994411	3750000	4499999
7	839936	3	9	55	1324	1982	1141	4837062	4500000	5249999
8	776500	2	9	90	1290	1733	0	5618009	5250000	5999999
9	473286	3	9	100	1486	1401	1096	6094318	6000000	6749999
10	835240	2	9	75	1581	1953	0	6933541	6750000	7499999
11	1017589	1	9	90	1191	0	0	7954664	7500000	8249999
12	914208	3	9	95	1045	1572	1160	8870063	8250000	8999999
13	852834	3	9	80	1713	1069	1985	9726674	9000000	9749999
14	94436	3	9	90	1133	1031	1488	9825877	9750000	10499999
15	854403	1	9	50	1302	0	0	10683932	10500000	11249999
16	650881	1	9	95	1928	0	0	11336115	11250000	11999999
Total number of pulses in waveform = 35 *****										

Type 5 Radar Waveform_2

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	318662	2	14	85	1276	1818	0	318662	0	1333332
2	1483580	1	14	70	1748	0	0	1805336	1333333	2666665
3	1489538	1	14	75	1537	0	0	3296622	2666666	3999998
4	1124434	2	14	60	1194	1928	0	4422593	3999999	5333331
5	1930945	3	14	65	1018	1587	1315	6356660	5333332	6666664
6	688023	3	14	80	1117	1087	1238	7048603	6666665	7999997
7	1801585	2	14	65	1460	1015	0	8853630	7999998	9333330
8	1677600	1	14	65	1613	0	0	10533705	9333331	10666663
9	607946	2	14	100	1661	1356	0	11143264	10666664	11999996

Total number of pulses in waveform = 17

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	47069	2	6	95	1258	1941	0	47069	0	1333332
2	1403556	1	6	100	1761	0	0	1453824	1333333	2666665
3	2117688	3	6	55	1934	1887	1348	3573273	2666666	3999998
4	1650628	2	6	65	1157	1799	0	5229070	3999999	5333331
5	1132038	3	6	55	1151	1415	1655	6364064	5333332	6666664
6	1295020	1	6	70	1968	0	0	7663305	6666665	7999997
7	760832	1	6	80	1637	0	0	8426105	7999998	9333330
8	1367646	2	6	90	1036	1628	0	9795388	9333331	10666663
9	1021267	3	6	65	1797	1369	1928	10819319	10666664	11999996

Total number of pulses in waveform = 18

Type 5 Radar Waveform_4

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	648956	1	12	50	1973	0	0	648956	0	1090908
2	860557	1	12	55	1122	0	0	1511486	1090909	2181817
3	821082	2	12	85	1589	1594	0	2333690	2181818	3272726
4	1483750	3	12	90	1720	1077	1436	3820623	3272727	4363635
5	1078087	2	12	55	1800	1334	0	4902943	4363636	5454544
6	646660	3	12	55	1788	1804	1655	5552737	5454545	6545453
7	1143895	3	12	85	1663	1928	1096	6701879	6545454	7636362
8	991534	1	12	60	1805	0	0	7698100	7636363	8727271
9	1624598	2	12	75	1823	1405	0	9324503	8727272	9818180
10	828015	3	12	90	1339	1068	1295	10155746	9818181	10909089
11	1196469	2	12	85	1693	1654	0	11355917	10909090	11999998

Total number of pulses in waveform = 23

Type 5 Radar Waveform_5

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	133597	1	19	70	1025	0	0	133597	0	1499999
2	1705761	1	19	55	1954	0	0	1840383	1500000	2999999
3	1857645	2	19	85	1736	1903	0	3699982	3000000	4499999
4	2128992	2	19	65	1725	1744	0	5832613	4500000	5999999
5	1289863	1	19	80	1954	0	0	7125945	6000000	7499999
6	1585146	1	19	55	1714	0	0	8713045	7500000	8999999
7	1432507	1	19	65	1324	0	0	10147266	9000000	10499999
8	1553081	2	19	75	1155	1561	0	11701671	10500000	11999999

Total number of pulses in waveform = 11

Type 5 Radar Waveform_6

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	242245	2	5	55	1905	1635	0	242245	0	799999
2	962170	2	5	75	1649	1713	0	1207955	800000	1599999
3	876231	2	5	80	1586	1520	0	2087548	1600000	2399999
4	1016937	2	5	95	1651	1773	0	3107591	2400000	3199999
5	533124	2	5	90	1146	1146	0	3644139	3200000	3999999
6	418923	1	5	50	1977	0	0	4065354	4000000	4799999
7	1317830	3	5	60	1271	1722	1045	5385161	4800000	5599999
8	291733	2	5	90	1664	1968	0	5680932	5600000	6399999
9	1257778	3	5	65	1089	1823	1518	6942342	6400000	7199999
10	668426	2	5	75	1575	1895	0	7615198	7200000	7999999
11	692143	2	5	70	1956	1658	0	8310811	8000000	8799999
12	750541	3	5	60	1790	1263	1133	9064966	8800000	9599999
13	683894	1	5	95	1154	0	0	9753046	9600000	10399999
14	1339566	2	5	80	1405	1509	0	11093786	10400000	11199999
15	480571	2	5	75	1092	1357	0	11577251	11200000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_7

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	504791	1	18	95	1750	0	0	504791	0	1499999
2	2268421	2	18	95	1726	1478	0	2774962	1500000	2999999
3	1460825	3	18	75	1004	1901	1189	4238991	3000000	4499999
4	1005602	1	18	80	1838	0	0	5248687	4500000	5999999
5	1465393	2	18	80	1631	1036	0	6715918	6000000	7499999
6	1828615	2	18	100	1639	1885	0	8547200	7500000	8999999
7	1553481	2	18	55	1681	1877	0	10104205	9000000	10499999
8	809079	1	18	60	1909	0	0	10916842	10500000	11999999

Total number of pulses in waveform = 14

Type 5 Radar Waveform_8

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	806486	1	8	75	1189	0	0	806486	0	857142
2	532300	2	8	85	1232	1850	0	1339975	857143	1714285
3	946901	2	8	65	1639	1617	0	2289958	1714286	2571428
4	549856	3	8	60	1689	1729	1927	2843070	2571429	3428571
5	1343931	2	8	85	1103	1248	0	4192346	3428572	4285714
6	624847	2	8	85	1172	1836	0	4819544	4285715	5142857
7	383224	1	8	60	1075	0	0	5205776	5142858	6000000
8	818704	3	8	85	1102	1689	1953	6025555	6000001	6857143
9	1673899	2	8	80	1199	1840	0	7704198	6857144	7714286
10	590229	1	8	75	1205	0	0	8297466	7714287	8571429
11	783007	3	8	65	1203	1550	1003	9081678	8571430	9428572
12	756761	2	8	90	1366	1278	0	9842195	9428573	10285715
13	888356	1	8	80	1039	0	0	10733195	10285716	11142858
14	608963	3	8	75	1175	1077	1210	11343197	11142859	12000001

Total number of pulses in waveform = 28

Type 5 Radar Waveform_9

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	761286	2	17	90	1711	1942	0	761286	0	799999
2	773922	3	17	60	1966	1751	1188	1538861	800000	1599999
3	583283	1	17	70	1398	0	0	2127049	1600000	2399999
4	961891	1	17	80	1773	0	0	3090338	2400000	3199999
5	269241	3	17	55	1377	1638	1593	3361352	3200000	3999999
6	1208805	3	17	60	1985	1427	1459	4574765	4000000	4799999
7	501778	2	17	100	1693	1267	0	5081414	4800000	5599999
8	755344	3	17	85	1644	1673	1232	5839718	5600000	6399999
9	877877	3	17	90	1922	1773	1201	6722144	6400000	7199999
10	836098	1	17	75	1796	0	0	7563138	7200000	7999999
11	975409	2	17	85	1474	1657	0	8540343	8000000	8799999
12	567938	2	17	90	1978	1011	0	9111412	8800000	9599999
13	691318	3	17	85	1588	1454	1621	9805719	9600000	10399999
14	1072506	2	17	65	1474	1511	0	10882888	10400000	11199999
15	612401	3	17	85	1479	1775	1860	11498274	11200000	11999999

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	694406	2	10	85	1164	1148	0	694406	0	1090908
2	1384436	3	10	70	1654	1595	1925	2081154	1090909	2181817
3	635005	3	10	70	1019	1286	1801	2721333	2181818	3272726
4	784924	1	10	65	1579	0	0	3510363	3272727	4363635
5	1438171	3	10	90	1562	1971	1559	4950113	4363636	5454544
6	804965	3	10	90	1004	1152	1048	5760170	5454545	6545453
7	859813	1	10	60	1870	0	0	6623187	6545454	7636362
8	2066324	2	10	70	1750	1005	0	8691381	7636363	8727271
9	559566	3	10	85	1247	1642	1051	9253702	8727272	9818180
10	788502	3	10	70	1973	1100	1086	10046144	9818181	10909089
11	1192421	1	10	65	1879	0	0	11242724	10909090	11999998

Total number of pulses in waveform = 25

Type 5 Radar Waveform_11

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	976697	2	8	85	1698	1898	0	976697	0	1090908
2	651649	3	8	50	1316	1462	1829	1631942	1090909	2181817
3	1375415	2	8	90	1292	1769	0	3011964	2181818	3272726
4	1291416	2	8	100	2000	1406	0	4306441	3272727	4363635
5	136854	2	8	60	1532	1481	0	4446701	4363636	5454544
6	1106268	3	8	80	1657	1847	1143	5555982	5454545	6545453
7	1055165	2	8	65	1972	1105	0	6615794	6545454	7636362
8	1355824	1	8	90	1635	0	0	7974695	7636363	8727271
9	1193468	3	8	80	1360	1753	1502	9169798	8727272	9818180
10	1174204	2	8	95	1573	1737	0	10348617	9818181	10909089
11	1430904	1	8	70	1708	0	0	11782831	10909090	11999998

Total number of pulses in waveform = 23

Type 5 Radar Waveform_12

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	420600	3	10	60	1716	1719	1747	420600	0	857142
2	800130	3	10	85	1292	1910	1231	1225912	857143	1714285
3	1282152	1	10	65	1569	0	0	2512497	1714286	2571428
4	587824	2	10	90	1552	1247	0	3101890	2571429	3428571
5	1108737	3	10	50	1652	1602	1465	4213426	3428572	4285714
6	449532	3	10	75	1950	1733	1567	4667677	4285715	5142857
7	1115112	3	10	60	1411	1462	1848	5788039	5142858	6000000
8	924670	3	10	75	1166	1900	1480	6717430	6000001	6857143
9	163463	1	10	60	1677	0	0	6885439	6857144	7714286
10	1287528	2	10	90	1073	1656	0	8174644	7714287	8571429
11	1082185	2	10	70	1395	1357	0	9259558	8571430	9428572
12	501637	2	10	75	1619	1153	0	9763947	9428573	10285715
13	725195	2	10	95	1293	1228	0	10491914	10285716	11142858
14	1250650	3	10	55	1114	1897	1214	11745085	11142859	12000001

Total number of pulses in waveform = 33

Type 5 Radar Waveform_13

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	508152	2	14	60	1121	1898	0	508152	0	1090908
2	1617450	1	14	95	1250	0	0	2128621	1090909	2181817
3	361028	3	14	95	1068	1832	1154	2490899	2181818	3272726
4	928966	3	14	85	1347	1612	1768	3423919	3272727	4363635
5	1883313	2	14	55	1593	1404	0	5311959	4363636	5454544
6	1173096	1	14	80	1831	0	0	6488052	5454545	6545453
7	781715	3	14	65	1117	1411	1669	7271598	6545454	7636362
8	545456	3	14	100	1562	1469	1883	7821251	7636363	8727271
9	1374079	3	14	100	1517	1544	1654	9200244	8727272	9818180
10	637967	3	14	90	1033	1998	1345	9842926	9818181	10909089
11	1062717	2	14	90	1802	1955	0	10910019	10909090	11999998

Total number of pulses in waveform = 26



Type 5 Radar Waveform_14

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	842579	3	5	95	1309	1963	1068	842579	0	857142
2	257756	1	5	85	1282	0	0	1104675	857143	1714285
3	1417055	2	5	70	1130	1877	0	2523012	1714286	2571428
4	80831	1	5	55	1123	0	0	2606850	2571429	3428571
5	1307611	2	5	90	1531	1099	0	3915584	3428572	4285714
6	397528	3	5	90	1974	1735	1642	4315742	4285715	5142857
7	1543011	2	5	70	1080	1886	0	5864104	5142858	6000000
8	629872	1	5	55	1986	0	0	6496942	6000001	6857143
9	764185	3	5	90	1857	1416	1234	7263113	6857144	7714286
10	1282150	1	5	80	1482	0	0	8549770	7714287	8571429
11	619108	3	5	55	1328	1286	1517	9170360	8571430	9428572
12	674655	3	5	50	1940	1616	1610	9849146	9428573	10285715
13	1086524	2	5	65	1293	1526	0	10940836	10285716	11142858
14	585131	3	5	70	1251	1219	1868	11528786	11142859	12000001

Total number of pulses in waveform = 30

Type 5 Radar Waveform_15

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	53686	1	17	90	1261	0	0	53686	0	999999
2	1301322	3	17	60	1857	1755	1455	1356269	1000000	1999999
3	1047070	1	17	65	1420	0	0	2408406	2000000	2999999
4	651910	1	17	90	1630	0	0	3061736	3000000	3999999
5	1900391	2	17	80	1437	1664	0	4963757	4000000	4999999
6	196837	2	17	90	1977	1550	0	5163695	5000000	5999999
7	1077214	1	17	65	1174	0	0	6244436	6000000	6999999
8	1535126	2	17	75	1834	1506	0	7780736	7000000	7999999
9	973878	3	17	55	1456	1330	1107	8757954	8000000	8999999
10	651378	1	17	55	1278	0	0	9413225	9000000	9999999
11	803331	3	17	90	1486	1388	1236	10217834	10000000	10999999
12	1517858	1	17	50	1842	0	0	11739802	11000000	11999999

Total number of pulses in waveform = 21

Type 5 Radar Waveform_16

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	297473	2	6	70	1243	1559	0	297473	0	749999
2	704996	3	6	80	1135	1943	1948	1005261	750000	1499999
3	766073	3	6	50	1119	1662	1832	1776360	1500000	2249999
4	912885	1	6	75	1235	0	0	2693858	2250000	2999999
5	776430	2	6	80	1822	1601	0	3471523	3000000	3749999
6	481345	3	6	95	1338	1707	1717	3956291	3750000	4499999
7	1210639	1	6	60	1849	0	0	5171692	4500000	5249999
8	323165	3	6	65	1804	1510	1462	5496706	5250000	5999999
9	968884	3	6	90	1952	1681	1916	6470366	6000000	6749999
10	886405	1	6	50	1930	0	0	7362320	6750000	7499999
11	153283	2	6	55	1789	1033	0	7517533	7500000	8249999
12	1282920	2	6	50	1319	1930	0	8803275	8250000	8999999
13	897603	2	6	100	1242	1991	0	9704127	9000000	9749999
14	489580	1	6	75	1136	0	0	10196940	9750000	10499999
15	394192	1	6	85	1648	0	0	10592268	10500000	11249999
16	838116	3	6	55	1923	1670	1748	11432032	11250000	11999999

Total number of pulses in waveform = 33

Type 5 Radar Waveform_17

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	647907	2	19	75	1173	1944	0	647907	0	1090908
2	835089	2	19	55	1591	1168	0	1486113	1090909	2181817
3	1055572	1	19	90	1966	0	0	2544444	2181818	3272726
4	1073864	3	19	75	1867	1337	1682	3620074	3272727	4363635
5	1191238	2	19	55	1241	1288	0	4816198	4363636	5454544
6	1204994	3	19	85	1040	1559	1470	6023721	5454545	6545453
7	840522	2	19	80	1654	1596	0	6868312	6545454	7636362
8	1628283	2	19	95	1399	1458	0	8499845	7636363	8727271
9	1210764	3	19	100	1558	1977	1624	9713466	8727272	9818180
10	169704	2	19	75	1697	1831	0	9888329	9818181	10909089
11	1372167	1	19	95	1812	0	0	11264024	10909090	11999998

Total number of pulses in waveform = 23

Type 5 Radar Waveform_18

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	641236	1	9	65	1375	0	0	641236	0	749999
2	536512	1	9	90	1118	0	0	1179123	750000	1499999
3	968591	1	9	70	1605	0	0	2148832	1500000	2249999
4	123590	1	9	75	1115	0	0	2274027	2250000	2999999
5	1113878	1	9	75	1151	0	0	3389020	3000000	3749999
6	663206	2	9	50	1548	1611	0	4053377	3750000	4499999
7	1088692	1	9	100	1830	0	0	5145228	4500000	5249999
8	326295	3	9	60	1865	1787	1562	5473353	5250000	5999999
9	1251749	3	9	90	1639	1556	1598	6730316	6000000	6749999
10	670129	3	9	50	1110	1701	1241	7405288	6750000	7499999
11	381965	2	9	80	1758	1633	0	7791305	7500000	8249999
12	592467	3	9	70	1350	1435	1620	8387163	8250000	8999999
13	681312	3	9	50	1165	1758	1661	9072880	9000000	9749999
14	1415608	3	9	65	1456	1210	1884	10493072	9750000	10499999
15	600478	2	9	80	1623	1611	0	11098100	10500000	11249999
16	278359	2	9	60	1194	1003	0	11379693	11250000	11999999

Total number of pulses in waveform = 32

Type 5 Radar Waveform_19

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	114348	1	18	75	1488	0	0	114348	0	1333332
2	1684159	3	18	95	1986	1158	1747	1799995	1333333	2666665
3	1860028	2	18	70	1866	1515	0	3664914	2666666	3999998
4	1634190	3	18	90	1365	1087	1196	5302485	3999999	5333331
5	1233252	2	18	100	1015	1461	0	6539385	5333332	6666664
6	150410	3	18	85	1086	1431	1330	6692271	6666665	7999997
7	2508954	1	18	60	2000	0	0	9205072	7999998	9333330
8	594029	3	18	75	1124	1098	1732	9801101	9333331	10666663
9	1624200	2	18	55	1702	1853	0	11429255	10666664	11999996

Total number of pulses in waveform = 20



Type 5 Radar Waveform_20

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	579725	2	12	65	1068	1647	0	579725	0	923076
2	775339	3	12	90	1657	1912	1127	1357779	923077	1846153
3	1039093	2	12	65	1511	1352	0	2401568	1846154	2769230
4	539969	1	12	90	1648	0	0	2944400	2769231	3692307
5	894735	1	12	95	1415	0	0	3840783	3692308	4615384
6	975098	3	12	50	1990	1841	1369	4817296	4615385	5538461
7	1598428	1	12	85	1854	0	0	6420924	5538462	6461538
8	932035	3	12	100	1023	1495	1889	7354813	6461539	7384615
9	545330	3	12	90	1518	1549	1177	7904550	7384616	8307692
10	795214	1	12	100	1606	0	0	8704008	8307693	9230769
11	732847	2	12	75	1769	1288	0	9438461	9230770	10153846
12	862354	2	12	100	1303	1061	0	10303872	10153847	11076923
13	1302988	2	12	65	1508	1913	0	11609224	11076924	12000000

Total number of pulses in waveform = 26

Type 5 Radar Waveform_21

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	376348	3	8	70	1459	1308	1959	376348	0	631578
2	596856	2	8	55	1891	1989	0	977930	631579	1263157
3	313508	1	8	65	1270	0	0	1295318	1263158	1894736
4	674930	1	8	80	1097	0	0	1971518	1894737	2526315
5	1043780	3	8	50	1191	1038	1553	3016395	2526316	3157894
6	693177	3	8	90	1297	1324	1700	3713354	3157895	3789473
7	628644	1	8	80	1389	0	0	4346319	3789474	4421052
8	327490	2	8	100	1129	1083	0	4675198	4421053	5052631
9	615317	2	8	60	1673	1584	0	5292727	5052632	5684210
10	919967	2	8	60	1140	1452	0	6215951	5684211	6315789
11	101222	2	8	80	1049	1374	0	6319765	6315790	6947368
12	1215581	2	8	70	1222	1437	0	7537769	6947369	7578947
13	429882	3	8	70	1486	1534	1867	7970310	7578948	8210526
14	347609	2	8	50	1737	1533	0	8322806	8210527	8842105
15	751418	1	8	75	1741	0	0	9077494	8842106	9473684
16	681854	2	8	75	1700	1719	0	9761089	9473685	10105263
17	601422	2	8	50	1051	1177	0	10365930	10105264	10736842
18	784220	1	8	80	1671	0	0	11152378	10736843	11368421
19	696184	3	8	60	1555	1728	1395	11850233	11368422	12000000

Total number of pulses in waveform = 38

Type 5 Radar Waveform_22

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	95059	2	9	90	1309	1392	0	95059	0	799999
2	981145	3	9	85	1197	1422	1320	1078905	800000	1599999
3	522380	3	9	75	1284	1042	1122	1605224	1600000	2399999
4	1128694	2	9	70	1886	1685	0	2737366	2400000	3199999
5	750338	3	9	100	1231	1660	1835	3491275	3200000	3999999
6	957343	1	9	55	1769	0	0	4453344	4000000	4799999
7	827346	3	9	80	1488	1591	1691	5282459	4800000	5599999
8	495420	3	9	85	1649	1248	1612	5782649	5600000	6399999
9	685231	3	9	80	1335	1800	1693	6472389	6400000	7199999
10	991984	3	9	55	1428	1190	1325	7469201	7200000	7999999
11	733121	3	9	85	1681	1035	1040	8206265	8000000	8799999
12	1001254	2	9	95	1775	1534	0	9211275	8800000	9599999
13	475727	3	9	60	1995	1021	1492	9690311	9600000	10399999
14	1234197	1	9	100	1975	0	0	10929016	10400000	11199999
15	963301	3	9	100	1538	1767	1872	11894292	11200000	11999999

Total number of pulses in waveform = 38



Type 5 Radar Waveform_23

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	326185	3	5	65	1061	1431	1929	326185	0	1090908
2	1632992	2	5	85	1305	1263	0	1963598	1090909	2181817
3	718809	2	5	70	1547	1020	0	2684975	2181818	3272726
4	1181352	2	5	65	1923	1672	0	3868894	3272727	4363635
5	827866	3	5	50	1253	1592	1427	4700355	4363636	5454544
6	1723780	3	5	85	1629	1355	1277	6428407	5454545	6545453
7	908954	3	5	75	1776	1706	1914	7341622	6545454	7636362
8	396593	2	5	100	1997	1896	0	7743611	7636363	8727271
9	1016474	3	5	50	1381	1828	1921	8763978	8727272	9818180
10	1347277	2	5	90	1332	1853	0	10116385	9818181	10909089
11	1444294	2	5	90	1902	1006	0	11563864	10909090	11999998

Total number of pulses in waveform = 27

Type 5 Radar Waveform_24

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	553678	1	14	80	1089	0	0	553678	0	999999
2	644386	3	14	70	1323	1067	1689	1199153	1000000	1999999
3	1301881	3	14	70	1417	1347	1979	2505113	2000000	2999999
4	1457350	2	14	80	1322	1168	0	3967206	3000000	3999999
5	365034	3	14	95	1588	1182	1869	4334730	4000000	4999999
6	1200582	2	14	70	1992	1600	0	5539951	5000000	5999999
7	799290	1	14	85	1241	0	0	6342833	6000000	6999999
8	1128961	3	14	80	1726	1175	1795	7473035	7000000	7999999
9	688966	2	14	60	1327	1597	0	8166697	8000000	8999999
10	1800477	2	14	90	1198	1802	0	9970098	9000000	9999999
11	985217	1	14	60	1394	0	0	10958315	10000000	10999999
12	975086	1	14	95	1175	0	0	11934795	11000000	11999999

Total number of pulses in waveform = 24

Type 5 Radar Waveform_25

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	654006	2	6	95	1511	1515	0	654006	0	749999
2	110446	2	6	70	1420	1439	0	767478	750000	1499999
3	1323433	2	6	50	1636	1800	0	2093770	1500000	2249999
4	713086	1	6	70	1939	0	0	2810292	2250000	2999999
5	867779	1	6	90	1537	0	0	3680010	3000000	3749999
6	222920	2	6	90	1603	1948	0	3904467	3750000	4499999
7	703724	1	6	100	1766	0	0	4611742	4500000	5249999
8	1306013	2	6	70	1313	1820	0	5919521	5250000	5999999
9	138497	1	6	100	1796	0	0	6061151	6000000	6749999
10	1129962	2	6	70	1363	1566	0	7192909	6750000	7499999
11	442016	3	6	95	1605	1636	1808	7637844	7500000	8249999
12	813496	1	6	65	1569	0	0	8456389	8250000	8999999
13	1119447	2	6	60	1115	1835	0	9577405	9000000	9749999
14	631869	2	6	65	1175	1250	0	10212224	9750000	10499999
15	724344	3	6	65	1946	1655	1128	10938993	10500000	11249999
16	877899	2	6	95	1471	1437	0	11821621	11250000	11999999

Total number of pulses in waveform = 29



Type 5 Radar Waveform_26

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	1160169	1	17	60	1693	0	0	1160169	0	1199999
2	479241	1	17	60	1740	0	0	1641103	1200000	2399999
3	1387049	2	17	85	1859	1437	0	3029892	2400000	3599999
4	1177052	1	17	70	1386	0	0	4210240	3600000	4799999
5	1236946	3	17	60	1107	1102	1861	5448572	4800000	5999999
6	730674	1	17	55	1440	0	0	6183316	6000000	7199999
7	1619205	1	17	55	1397	0	0	7803961	7200000	8399999
8	650225	2	17	95	1081	1475	0	8455583	8400000	9599999
9	1681059	2	17	80	1964	1814	0	10139198	9600000	10799999
10	1226337	3	17	95	1797	1442	1560	11369313	10800000	11999999

Total number of pulses in waveform = 17

Type 5 Radar Waveform_27

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	823349	3	18	50	1334	1916	1375	823349	0	999999
2	312836	3	18	60	1048	1270	1134	1140810	1000000	1999999
3	1789216	3	18	80	1116	1128	1934	2933478	2000000	2999999
4	561570	3	18	95	1077	1796	1099	3499226	3000000	3999999
5	662254	1	18	70	1721	0	0	4165452	4000000	4999999
6	1652772	1	18	65	1736	0	0	5819945	5000000	5999999
7	1071858	3	18	95	1615	1075	1269	6893539	6000000	6999999
8	495350	2	18	75	1530	1651	0	7392848	7000000	7999999
9	932314	2	18	65	1852	1325	0	8328343	8000000	8999999
10	1291479	1	18	90	1240	0	0	9622999	9000000	9999999
11	929917	3	18	90	1334	1124	1002	10554156	10000000	10999999
12	510800	2	18	55	1187	1469	0	11068416	11000000	11999999

Total number of pulses in waveform = 27

Type 5 Radar Waveform_28

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	472974	1	19	65	1651	0	0	472974	0	631578
2	285099	1	19	60	1313	0	0	759724	631579	1263157
3	1013139	1	19	75	1940	0	0	1774176	1263158	1894736
4	131583	3	19	60	1953	1060	1512	1907699	1894737	2526315
5	803097	2	19	70	1406	1843	0	2715921	2526316	3157894
6	819166	2	19	50	1084	1003	0	3537736	3157895	3789473
7	740326	1	19	80	1696	0	0	4280149	3789474	4421052
8	746878	3	19	90	1366	1566	1345	5027723	4421053	5052631
9	615336	2	19	85	1822	1527	0	5647326	5052632	5684210
10	184822	1	19	95	1416	0	0	5835497	5684211	6315789
11	1068406	3	19	85	1544	1434	1067	6905319	6315790	6947368
12	528874	3	19	95	1275	1208	1902	7438238	6947369	7578947
13	490035	3	19	80	1253	1423	1126	7932658	7578948	8210526
14	388413	1	19	75	1508	0	0	8324873	8210527	8842105
15	639175	3	19	80	1855	1271	1374	8965556	8842106	9473684
16	773025	3	19	65	1686	1619	1365	9743081	9473685	10105263
17	815699	2	19	85	1454	1542	0	10563450	10105264	10736842
18	536316	2	19	80	1503	1472	0	11102762	10736843	11368421
19	543060	2	19	85	1992	1407	0	11648797	11368422	12000000

Total number of pulses in waveform = 39



Type 5 Radar Waveform_29

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	571606	2	12	90	1133	1870	0	571606	0	799999
2	731691	2	12	60	1311	1512	0	1306300	800000	1599999
3	303645	1	12	55	1697	0	0	1612768	1600000	2399999
4	801398	2	12	95	1045	1189	0	2415863	2400000	3199999
5	1535818	2	12	95	1534	1282	0	3953915	3200000	3999999
6	87820	2	12	90	1892	1873	0	4044551	4000000	4799999
7	1274233	3	12	75	1720	1650	1813	5322549	4800000	5599999
8	528869	2	12	50	1378	1505	0	5856601	5600000	6399999
9	835154	1	12	55	1695	0	0	6694638	6400000	7199999
10	1027267	2	12	80	1181	1254	0	7723600	7200000	7999999
11	518586	1	12	95	1941	0	0	8244621	8000000	8799999
12	608466	2	12	50	1421	1712	0	8855028	8800000	9599999
13	1009400	3	12	80	1577	1140	1474	9867561	9600000	10399999
14	1138205	2	12	90	1080	1139	0	11009957	10400000	11199999
15	707740	1	12	65	1333	0	0	11719916	11200000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_30

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	555938	2	10	85	1024	1278	0	555938	0	599999
2	459664	2	10	80	1797	1971	0	1017904	600000	1199999
3	429505	3	10	60	1054	1764	1494	1451177	1200000	1799999
4	779215	1	10	60	1816	0	0	2234704	1800000	2399999
5	358491	3	10	85	1182	1977	1815	2595011	2400000	2999999
6	691962	2	10	100	1914	1277	0	3291947	3000000	3599999
7	687500	2	10	60	1154	1120	0	3982638	3600000	4199999
8	608263	3	10	65	1629	1700	1268	4593175	4200000	4799999
9	466252	3	10	80	1545	1150	1639	5064024	4800000	5399999
10	365640	2	10	95	1352	1463	0	5433998	5400000	5999999
11	800730	2	10	85	1299	1381	0	6237543	6000000	6599999
12	435027	3	10	90	1251	1200	1294	6675250	6600000	7199999
13	649396	2	10	90	1332	1060	0	7328391	7200000	7799999
14	982216	2	10	55	1310	1466	0	8312999	7800000	8399999
15	184719	1	10	70	1474	0	0	8500494	8400000	8999999
16	979135	1	10	55	1301	0	0	9481103	9000000	9599999
17	417017	3	10	55	1298	1274	1109	9899421	9600000	10199999
18	335866	1	10	50	1946	0	0	10238968	10200000	10799999
19	1129589	1	10	90	1188	0	0	11370503	10800000	11399999
20	563770	3	10	50	1168	1168	1109	11935461	11400000	11999999

Total number of pulses in waveform = 42

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	5562.3	1	16	5504.2	1
2	5543.0	1	17	5564.6	1
3	5566.7	1	18	5546.5	1
4	5559.9	1	19	5522.3	1
5	5540.4	1	20	5547.7	1
6	5555.6	1	21	5519.5	1
7	5538.2	1	22	5558.1	1
8	5553.2	1	23	5532.7	1
9	5569.0	1	24	5491.0	1
10	5507.8	1	25	5516.4	1
11	5551.8	1	26	5510.6	1
12	5535.3	1	27	5495.4	1
13	5549.4	1	28	5528.8	1
14	5498.0	1	29	5493.7	1
15	5525.6	1	30	5513.7	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5510	9	10	5534	30
7	5503	21	14	5507	42
12	5524	36	25	5511	75
14	5514	42	28	5548	84
21	5549	63	35	5504	105
35	5517	105	37	5547	111
42	5534	126	54	5524	162
44	5505	132	59	5541	177
50	5521	150	67	5556	201
57	5515	171	72	5545	216
68	5552	204	74	5542	222
81	5509	243	91	5512	273
85	5556	255	94	5519	282
87	5537	261	96	5528	288
97	5540	291	98	5553	294
99	5500	297	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5535	18	14	5533	42
11	5589	33	36	5503	108
22	5577	66	45	5541	135
54	5565	162	48	5506	144
61	5578	183	59	5535	177
62	5556	186	61	5530	183
71	5589	213	72	5538	216
75	5548	225	76	5525	228
84	5534	252	82	5560	246
88	5531	264	--	--	--
92	5571	276	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5560	39	19	5529	57
43	5514	129	35	5527	105
46	5506	138	49	5546	147
47	5542	141	58	5540	174
49	5531	147	76	5559	228
52	5543	156	79	5519	237
54	5516	162	81	5525	243
58	5544	174	83	5583	249
63	5551	189	98	5536	294
66	5528	198	99	5530	297
82	5529	246	--	--	--
90	5515	270	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5544	27	1	5535	3
20	5542	60	6	5528	18
23	5543	69	8	5541	24
46	5539	138	18	5503	54
52	5577	156	23	5502	69
61	5538	183	38	5527	114
66	5554	198	39	5536	117
73	5549	219	40	5520	120
74	5568	222	57	5513	171
79	5582	237	72	5516	216
89	5539	267	77	5526	231
90	5541	270	90	5514	270
93	5532	279	96	5511	288
96	5571	288	97	5527	291

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5507	9	10	5543	30
6	5512	18	26	5533	78
13	5540	39	38	5545	114
31	5539	93	43	5534	129
41	5515	123	46	5520	138
44	5533	132	52	5555	156
45	5522	135	54	5519	162
54	5502	162	61	5548	183
59	5513	177	65	5547	195
62	5511	186	67	5562	201
84	5542	252	69	5525	207
89	5534	267	72	5557	216
91	5536	273	73	5537	219
--	--	--	81	5542	243
--	--	--	89	5527	267
--	--	--	91	5588	273
--	--	--	94	5579	282
--	--	--	98	5552	294
--	--	--	99	5544	297

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5554	0	5	5542	15
3	5533	9	6	5545	18
19	5521	57	15	5549	45
21	5548	63	19	5554	57
30	5543	90	52	5529	156
34	5562	102	54	5535	162
57	5537	171	59	5540	177
60	5519	180	73	5548	219
75	5512	225	74	5522	222
76	5560	228	78	5536	234
79	5543	237	82	5531	246
84	5539	252	88	5513	264
91	5525	273	94	5560	282
--	--	--	96	5547	288

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5506	27	8	5516	24
14	5467	42	11	5544	33
24	5502	72	19	5559	57
30	5478	90	21	5518	63
34	5513	102	41	5547	123
42	5521	126	42	5542	126
49	5528	147	46	5557	138
56	5481	168	47	5576	141
72	5477	216	49	5529	147
98	5517	294	75	5584	225
99	5523	297	80	5514	240
--	--	--	85	5535	255

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5509	18	6	5552	18
11	5546	33	9	5542	27
16	5522	48	13	5540	39
34	5560	102	14	5503	42
37	5557	111	21	5501	63
39	5521	117	27	5512	81
54	5549	162	29	5508	87
65	5520	195	54	5550	162
66	5559	198	69	5509	207
86	5555	258	71	5559	213
90	5556	270	72	5546	216
99	5541	297	79	5547	237
--	--	--	93	5513	279

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5560	12	17	5536	51
19	5531	57	18	5513	54
28	5527	84	19	5554	57
35	5534	105	25	5511	75
36	5558	108	27	5509	81
38	5577	114	31	5538	93
42	5538	126	39	5529	117
43	5583	129	45	5534	135
48	5566	144	49	5541	147
52	5549	156	63	5517	189
54	5552	162	81	5531	243
57	5531	171	84	5556	252
61	5529	183	86	5522	258
74	5580	222	98	5510	294
94	5554	282	--	--	--
99	5543	297	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
18	5541	54	21	5545	63
25	5521	75	26	5531	78
38	5533	114	45	5554	135
41	5531	123	50	5509	150
54	5560	162	59	5522	177
57	5514	171	66	5537	198
58	5524	174	71	5525	213
63	5507	189	84	5555	252
90	5546	270	86	5533	258
93	5547	279	90	5517	270
--	--	--	99	5524	297

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5555	12	3	5529	9
10	5540	30	4	5520	12
17	5546	51	16	5531	48
35	5536	105	24	5545	72
54	5509	162	34	5557	102
61	5544	183	49	5507	147
66	5552	198	51	5549	153
70	5508	210	56	5544	168
72	5517	216	57	5525	171
81	5507	243	75	5523	225
92	5511	276	83	5527	249
99	5520	297	93	5554	279
--	--	--	94	5530	282
--	--	--	99	5516	297

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5549	0	20	5521	60
2	5512	6	31	5519	93
9	5555	27	61	5466	183
22	5513	66	65	5508	195
24	5503	72	70	5521	210
26	5550	78	84	5529	252
36	5546	108	97	5528	291
46	5542	138	20	5521	60
48	5539	144	31	5519	93
55	5548	165	61	5510	183
74	5545	222	65	5480	195
83	5502	249	70	5479	210
96	5543	288	84	5529	252
--	--	--	97	5528	291

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5530	0	1	5534	3
10	5551	30	2	5477	6
15	5512	45	3	5543	9
22	5555	66	7	5512	21
25	5534	75	10	5485	30
29	5506	87	14	5528	42
44	5538	132	18	5549	54
46	5541	138	35	5520	105
53	5522	159	42	5516	126
97	5580	291	48	5524	144
--	--	--	49	5527	147
--	--	--	60	5547	180
--	--	--	64	5521	192
--	--	--	66	5507	198
--	--	--	70	5504	210
--	--	--	72	5538	216
--	--	--	79	5536	237
--	--	--	93	5518	279