

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:
$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 100\% + 100\% + 100\%) / 4 = 100\% (>80\%)$$



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

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	1966	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	11093766	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	1693	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	1667	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	704986	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	1073664	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	1689	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	1469	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	1556	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	2715321	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	745878	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	466262	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

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5469	3	10	5516	30
6	5477	18	27	5530	81
24	5507	72	35	5549	105
42	5496	126	36	5521	108
49	5531	147	41	5540	123
55	5508	165	59	5544	177
56	5514	168	79	5510	237
66	5534	198	91	5506	273
75	5504	225	96	5520	288
87	5513	261	98	5514	294
89	5523	267	--	--	--
92	5510	276	--	--	--
97	5482	291	--	--	--
99	5532	297	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5525	6	22	5525	66
20	5537	60	26	5507	78
24	5519	72	27	5524	81
25	5466	75	28	5535	84
26	5477	78	34	5508	102
39	5503	117	43	5512	129
43	5520	129	47	5533	141
51	5500	153	53	5517	159
55	5485	165	54	5546	162
57	5501	171	57	5551	171
64	5489	192	59	5544	177
70	5507	210	64	5544	192
83	5514	249	68	5523	204
93	5536	279	83	5528	249
95	5479	285	93	5530	279

Radar Statistical Performance for 802.11ac-VHT80+80 (Contiguous) - 5210MHz+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	678	78	1
2	5307.2	1	898	59	1
3	5276.2	1	598	89	1
4	5326.3	1	858	62	1
5	5285.3	1	698	76	1
6	5306.8	1	538	99	1
7	5324.7	1	878	61	1
8	5273.7	1	798	67	1
9	5329.0	1	738	72	1
10	5282.7	1	558	95	1
11	5319.3	1	938	57	1
12	5270.6	1	838	63	1
13	5303.3	1	918	58	1
14	5267.3	1	718	74	1
15	5321.5	1	758	70	1
16	5287.2	1	1671	32	1
17	5317.1	1	2437	22	1
18	5264.5	1	2482	22	1
19	5309.7	1	1118	48	1
20	5261.6	1	1748	31	1
21	5315.6	1	1805	30	1
22	5300.5	1	2027	27	1
23	5311.4	1	1999	27	1
24	5250.0	1	1302	41	1
25	5294.1	1	1948	28	1
26	5313.5	1	2791	19	1
27	5257.8	1	2134	25	1
28	5289.9	1	1306	41	1
29	5297.6	1	2030	26	1
30	5254.9	1	1619	33	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	5288.8	4.2	177	29	1
2	5314.1	4.5	154	28	1
3	5285.3	1.4	198	25	1
4	5321.3	3.7	170	28	1
5	5282.6	4.3	230	27	1
6	5311.4	1.4	187	28	1
7	5279.4	1.4	189	28	1
8	5327.9	3.4	189	28	1
9	5276.9	4.5	217	27	1
10	5317.8	4.8	169	26	1
11	5273.8	5.0	194	24	1
12	5303.4	1.2	201	25	1
13	5315.6	3.5	184	24	1
14	5270.4	4.4	215	27	1
15	5300.5	3.4	228	23	1
16	5267.1	2.9	169	29	1
17	5309.5	1.5	174	23	1
18	5260.5	2.2	195	28	1
19	5319.9	4.9	224	28	1
20	5297.6	4.9	180	24	1
21	5329.0	2.9	150	27	1
22	5257.1	4.9	177	28	1
23	5324.4	1.7	162	23	1
24	5263.7	3.6	181	29	1
25	5307.6	4.1	176	27	1
26	5253.9	5.0	209	23	1
27	5294.7	3.8	174	25	1
28	5306.7	1.9	177	26	1
29	5250.0	3.8	203	23	1
30	5291.2	4.9	183	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	5291.6	6.8	424	16	1
2	5324.7	6.1	273	18	1
3	5287.4	6.5	447	16	1
4	5294.3	8.0	480	18	1
5	5327.7	8.1	457	16	1
6	5285.0	9.8	445	16	1
7	5311.6	9.6	302	17	1
8	5322.3	7.3	346	16	1
9	5282.6	6.0	250	17	1
10	5297.2	9.3	353	16	1
11	5317.9	6.9	480	18	1
12	5279.7	8.9	495	16	1
13	5309.3	8.3	316	18	1
14	5255.3	6.8	310	17	1
15	5319.4	6.4	358	18	1
16	5276.5	6.9	259	18	1
17	5315.2	6.2	263	17	1
18	5261.2	9.0	441	16	1
19	5305.9	6.9	495	16	1
20	5273.3	8.0	292	17	1
21	5329.0	6.9	343	17	1
22	5258.5	9.0	431	16	1
23	5313.4	7.5	263	16	1
24	5270.5	9.1	383	17	1
25	5303.4	6.4	263	17	1
26	5250.0	8.5	455	17	1
27	5307.5	6.9	431	16	1
28	5263.9	9.5	313	16	1
29	5300.7	8.4	268	17	1
30	5266.8	8.4	482	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	5264.5	18.0	298	12	1
2	5296.4	19.5	335	15	1
3	5313.4	15.1	429	15	1
4	5305.2	17.7	279	12	1
5	5317.3	14.0	294	12	1
6	5250.0	17.7	270	15	1
7	5315.1	12.0	332	16	1
8	5299.7	12.4	255	15	1
9	5260.3	18.8	394	14	1
10	5319.6	13.5	484	14	1
11	5302.9	18.3	463	13	1
12	5284.5	17.8	491	14	1
13	5324.7	11.4	441	14	1
14	5253.8	13.1	450	14	1
15	5282.3	16.3	299	16	1
16	5321.2	16.3	377	14	1
17	5256.7	18.7	490	16	1
18	5290.3	19.8	346	12	1
19	5309.8	16.3	425	15	1
20	5279.4	14.5	430	15	1
21	5329.0	16.8	303	16	1
22	5276.7	15.9	402	13	1
23	5307.5	11.5	447	15	1
24	5326.3	18.3	405	13	1
25	5273.4	16.9	296	16	1
26	5293.6	18.7	465	16	1
27	5311.9	13.0	478	13	1
28	5270.1	14.5	471	13	1
29	5286.9	16.2	418	13	1
30	5267.3	11.8	293	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:
$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 100\% + 100\% + 100\%) / 4 = 100\% (>80\%)$$



Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5254.8	1	16	5290.0	1
2	5253.6	1	17	5290.0	1
3	5256.8	1	18	5290.0	1
4	5253.2	1	19	5290.0	1
5	5257.2	1	20	5290.0	1
6	5252.0	1	21	5324.0	1
7	5252.4	1	22	5324.8	1
8	5257.6	1	23	5323.2	1
9	5254.0	1	24	5326.0	1
10	5255.6	1	25	5321.2	1
11	5290.0	1	26	5322.4	1
12	5290.0	1	27	5325.6	1
13	5290.0	1	28	5320.4	1
14	5290.0	1	29	5324.4	1
15	5290.0	1	30	5320.8	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

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	446888	2	12	80	1861	1928	0	446888	0	599999
2	349295	3	12	85	1760	1513	1030	799972	600000	1199999
3	399343	1	12	70	1999	0	0	1203618	1200000	1799999
4	604335	2	12	65	1833	1197	0	1809952	1800000	2399999
5	1165168	1	12	55	1049	0	0	2978140	2400000	2999999
6	334695	1	12	85	1059	0	0	3313884	3000000	3599999
7	771545	3	12	80	1655	1583	1303	4086488	3600000	4199999
8	689358	3	12	80	1858	1147	1649	4780387	4200000	4799999
9	268145	3	12	100	1756	1528	1095	5053186	4800000	5399999
10	558524	1	12	80	1235	0	0	5616089	5400000	5999999
11	625840	3	12	60	1906	1294	1909	6243164	6000000	6599999
12	500165	3	12	65	1338	1110	1180	6748438	6600000	7199999
13	749575	3	12	50	1368	1940	1235	7501641	7200000	7799999
14	403820	2	12	75	1442	1599	0	7910004	7800000	8399999
15	947263	1	12	70	1425	0	0	8860308	8400000	8999999
16	596763	3	12	95	1001	1225	1451	9458496	9000000	9599999
17	719242	3	12	85	1077	1213	1905	10181415	9600000	10199999
18	204293	1	12	70	1978	0	0	10389903	10200000	10799999
19	815755	2	12	95	1023	1622	0	11207636	10800000	11399999
20	233313	2	12	50	1107	1161	0	11443594	11400000	11999999
Total number of pulses in waveform = 43 *****										

**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	25070	2	9	100	1757	1373	0	25070	0	1333332
2	2123463	1	9	70	1428	0	0	2151663	1333333	2666665
3	923102	2	9	90	1900	1996	0	3076193	2666666	3999998
4	1397614	1	9	65	1623	0	0	4477703	3999999	5333331
5	1576926	3	9	95	1383	1680	1411	6056252	5333332	6666664
6	713639	2	9	65	1779	1235	0	6774365	6666665	7999997
7	1830933	3	9	60	1462	1981	1840	8608312	7999998	9333330
8	1662819	3	9	55	1376	1117	1102	10276414	9333331	10666663
9	1460270	2	9	55	1627	1218	0	11740279	10666664	11999996

Total number of pulses in waveform = 19

Type 5 Radar Waveform_3

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	580419	1	17	75	1179	0	0	580419	0	923076
2	609699	1	17	85	1667	0	0	1191297	923077	1846153
3	1310502	1	17	65	1763	0	0	2503466	1846154	2769230
4	970995	2	17	80	1961	1349	0	3476224	2769231	3692307
5	1028397	3	17	65	1342	1458	1051	4507931	3692308	4615384
6	737346	1	17	70	1711	0	0	5249128	4615385	5538461
7	436136	2	17	85	1798	1715	0	5686975	5538462	6461538
8	781129	2	17	90	1446	1997	0	6471617	6461539	7384615
9	1762336	3	17	95	1927	1234	1630	8237396	7384616	8307692
10	300516	1	17	65	1764	0	0	8542703	8307693	9230769
11	1207740	1	17	85	1360	0	0	9752207	9230770	10153846
12	603413	2	17	90	1125	1912	0	10356980	10153847	11076923
13	1620056	3	17	65	1038	1970	1529	11980073	11076924	12000000

Total number of pulses in waveform = 23

Type 5 Radar Waveform_4

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	682759	3	8	100	1552	1673	1443	682759	0	749999
2	241522	2	8	60	1947	1207	0	928949	750000	1499999
3	1137834	2	8	95	1518	1159	0	2069937	1500000	2249999
4	645065	3	8	65	1359	1966	1730	2717679	2250000	2999999
5	778637	2	8	90	1946	1731	0	3499371	3000000	3749999
6	430079	2	8	60	1715	1294	0	3933127	3750000	4499999
7	1109733	2	8	70	1990	1947	0	5045869	4500000	5249999
8	836363	1	8	75	1547	0	0	5886169	5250000	5999999
9	519831	1	8	55	1670	0	0	6407547	6000000	6749999
10	843245	2	8	90	1515	1669	0	7252462	6750000	7499999
11	877265	3	8	70	1267	1822	1856	8132911	7500000	8249999
12	467373	1	8	95	1030	0	0	8605229	8250000	8999999
13	638192	2	8	75	1906	1244	0	9244451	9000000	9749999
14	916260	3	8	80	1286	1574	1798	10163861	9750000	10499999
15	607678	3	8	65	1087	1948	1403	10776197	10500000	11249999
16	707794	1	8	85	1503	0	0	11488429	11250000	11999999

Total number of pulses in waveform = 33



Type 5 Radar Waveform_5

Waveform Num = 9 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	937423	1	18	60	1454	0	0	102889	0	599999
2	700949	1	18	90	1300	0	0	1041766	600000	1199999
3	154094	2	18	90	1380	1664	0	1744015	1200000	1799999
4	1022472	2	18	90	1360	1964	0	1901153	1800000	2399999
5	655359	3	18	65	1085	1367	1094	2926949	2400000	2999999
6	198752	2	18	75	1177	1425	0	3585854	3000000	3599999
7	514367	3	18	85	1504	1544	1705	3787208	3600000	4199999
8	785260	2	18	55	1376	1459	0	4306328	4200000	4799999
9	467607	3	18	95	1693	1922	1432	5094423	4800000	5399999
10	912106	3	18	50	1807	1020	1371	5567077	5400000	5999999
11	139046	3	18	70	1805	1909	1878	6483381	6000000	6599999
12	1085230	2	18	90	1137	1058	0	6627019	6600000	7199999
13	212277	1	18	100	1865	0	0	7714444	7200000	7799999
14	748233	1	18	80	1663	0	0	7928586	7800000	8399999
15	502372	3	18	70	1522	1518	1823	8678482	8400000	8999999
16	413025	2	18	90	1992	1284	0	9185717	9000000	9599999
17	884229	3	18	80	1523	1710	1853	9602018	9600000	10199999
18	806819	3	18	90	1457	1288	1038	10491333	10200000	10799999
19	372931	3	18	70	1302	1751	1964	11301935	10800000	11399999
20	937423	1	18	65	1070	0	0	11679883	11400000	11999999

Total number of pulses in waveform = 44

Type 5 Radar Waveform_6

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	31831	1	5	65	1881	0	0	31831	0	1199999
2	1657347	3	5	60	1179	1269	1716	1691059	1200000	2399999
3	1622776	2	5	85	1784	1614	0	3317999	2400000	3599999
4	1162019	1	5	65	1510	0	0	4483416	3600000	4799999
5	1058301	3	5	60	1980	1997	1778	5543227	4800000	5999999
6	1510325	2	5	75	1157	1889	0	7059307	6000000	7199999
7	218560	3	5	70	1150	1556	1311	7280913	7200000	8399999
8	1632145	3	5	65	1270	1861	1220	8917075	8400000	9599999
9	1040641	3	5	100	1970	1182	1062	9962067	9600000	10799999
10	1363789	2	5	90	1913	1923	0	11330070	10800000	11999999

Total number of pulses in waveform = 23

Type 5 Radar Waveform_7

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	48758	3	6	80	1064	1090	1636	48758	0	799999
2	1192727	3	6	80	1730	1122	1266	1245275	800000	1599999
3	856883	2	6	85	1107	1504	0	2106276	1600000	2399999
4	636335	3	6	95	1218	1361	1877	2745222	2400000	3199999
5	728815	2	6	70	1874	1101	0	3478493	3200000	3999999
6	1061947	2	6	55	1004	1162	0	4543415	4000000	4799999
7	1046435	2	6	100	1854	1815	0	5592016	4800000	5599999
8	114553	3	6	85	1074	1969	1963	5710238	5600000	6399999
9	1403962	2	6	60	1154	1452	0	7119206	6400000	7199999
10	523797	2	6	100	1312	1669	0	7645609	7200000	7999999
11	950006	2	6	75	1235	1314	0	8598596	8000000	8799999
12	794835	2	6	70	1277	1981	0	9395980	8800000	9599999
13	410873	1	6	95	1143	0	0	9810111	9600000	10399999
14	814535	2	6	70	1346	1883	0	10625789	10400000	11199999
15	903281	1	6	85	1383	0	0	11532299	11200000	11999999

Total number of pulses in waveform = 32



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	108140	3	19	50	1791	1396	1637	108140	0	599999
2	916702	2	19	90	1590	1903	0	1029666	600000	1199999
3	300204	1	19	65	1613	0	0	1333363	1200000	1799999
4	1016114	2	19	70	1678	1355	0	2351090	1800000	2399999
5	220278	2	19	85	1267	1488	0	2574301	2400000	2999999
6	880473	3	19	95	1550	1524	1910	3457529	3000000	3599999
7	178845	1	19	65	1175	0	0	3641358	3600000	4199999
8	853180	3	19	70	1719	1982	1394	4495713	4200000	4799999
9	787072	2	19	75	1427	1985	0	5287880	4800000	5399999
10	174628	2	19	80	1015	1699	0	5465920	5400000	5999999
11	1099741	3	19	80	1016	1405	1734	6568375	6000000	6599999
12	580247	2	19	95	1297	1630	0	7152777	6600000	7199999
13	232920	2	19	70	1623	1638	0	7388624	7200000	7799999
14	887430	1	19	75	1419	0	0	8279315	7800000	8399999
15	193021	2	19	50	1686	1086	0	8473755	8400000	8999999
16	865608	3	19	60	1744	1915	1513	9342135	9000000	9599999
17	765867	1	19	85	1885	0	0	10113174	9600000	10199999
18	299550	1	19	75	1424	0	0	10414609	10200000	10799999
19	672666	2	19	75	1004	1560	0	11088699	10800000	11399999
20	557072	2	19	65	1941	1062	0	11648335	11400000	11999999

Total number of pulses in waveform = 40

Type 5 Radar Waveform_9

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	100623	2	10	75	1351	1381	0	100623	0	857142
2	897258	1	10	95	1150	0	0	1000613	857143	1714285
3	1037298	1	10	85	1426	0	0	2039061	1714286	2571428
4	960425	3	10	65	1262	1463	1430	3000912	2571429	3428571
5	887704	1	10	90	1324	0	0	3892771	3428572	4285714
6	567555	2	10	50	1680	1666	0	4461650	4285715	5142857
7	944870	3	10	80	1054	1264	1115	5409866	5142858	6000000
8	1245776	3	10	85	1024	1640	1694	6659075	6000001	6857143
9	526099	3	10	90	1034	1210	1996	7189532	6857144	7714286
10	1270783	3	10	95	1052	1398	1767	8464555	7714287	8571429
11	607889	2	10	90	1758	1421	0	9076661	8571430	9428572
12	1180352	3	10	55	1935	1700	1205	10260192	9428573	10285715
13	471297	3	10	50	1024	1228	1289	10736329	10285716	11142858
14	1207878	1	10	60	1088	0	0	11947748	11142859	12000001

Total number of pulses in waveform = 31

Type 5 Radar Waveform_10

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	244629	2	14	95	1470	1383	0	244629	0	857142
2	1143519	2	14	85	1705	1454	0	1391001	857143	1714285
3	1109972	1	14	50	1785	0	0	2504132	1714286	2571428
4	576608	3	14	80	1510	1543	1660	3082525	2571429	3428571
5	896198	1	14	65	1878	0	0	3983436	3428572	4285714
6	1102099	2	14	65	1634	1269	0	5087413	4285715	5142857
7	194955	1	14	100	1738	0	0	5285271	5142858	6000000
8	744648	3	14	50	1566	1754	1698	6031657	6000001	6857143
9	1065714	2	14	90	1498	1436	0	7102389	6857144	7714286
10	767616	1	14	80	1063	0	0	7872939	7714287	8571429
11	1252756	1	14	80	1116	0	0	9126758	8571430	9428572
12	303360	1	14	100	1320	0	0	9431234	9428573	10285715
13	1620162	2	14	80	1281	1273	0	11052716	10285716	11142858
14	180515	3	14	90	1229	1492	1933	11235785	11142859	12000001

Total number of pulses in waveform = 25

**Type 5 Radar Waveform_11**

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	225577	1	8	60	1856	0	0	225577	0	1499999
2	1734985	3	8	85	1926	1034	1972	1962418	1500000	2999999
3	1154331	1	8	100	1192	0	0	3121681	3000000	4499999
4	2604937	1	8	100	1425	0	0	5727810	4500000	5999999
5	1218975	2	8	60	1503	1213	0	6948210	6000000	7499999
6	1693452	3	8	50	1205	1466	1675	8644378	7500000	8999999
7	1018733	1	8	80	1355	0	0	9667457	9000000	10499999
8	932109	2	8	75	1976	1537	0	10600921	10500000	11999999

Total number of pulses in waveform = 14

Type 5 Radar Waveform_12

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	1085642	2	14	80	1128	1901	0	1085642	0	1333332
2	1417045	3	14	70	1548	1004	1795	2505716	1333333	2666665
3	1461772	2	14	75	1095	1120	0	3971835	2666666	3999998
4	1164375	1	14	95	1610	0	0	5138425	3999999	5333331
5	1088885	3	14	85	1609	1696	1230	6228920	5333332	6666664
6	813650	3	14	90	1797	1410	1568	7047105	6666665	7999997
7	1489226	3	14	80	1147	1825	1477	8541106	7999998	9333330
8	1102941	1	14	100	1037	0	0	9648496	9333331	10666663
9	1455419	3	14	70	1656	1018	1492	11104952	10666664	11999996

Total number of pulses in waveform = 21

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	516485	1	6	55	1346	0	0	516485	0	857142
2	702779	1	6	80	1092	0	0	1220610	857143	1714285
3	618749	2	6	65	1439	1850	0	1840451	1714286	2571428
4	1423852	3	6	80	1670	1604	1417	3267592	2571429	3428571
5	264096	1	6	55	1442	0	0	3536379	3428572	4285714
6	1052900	2	6	70	1225	1071	0	4590721	4285715	5142857
7	556372	3	6	80	1024	1036	1257	5149389	5142858	6000000
8	1490167	3	6	50	1704	1560	1567	6642873	6000001	6857143
9	321220	3	6	85	1961	1107	1777	6968924	6857144	7714286
10	963533	3	6	95	1110	1722	1802	7937302	7714287	8571429
11	1376253	2	6	50	1425	1623	0	9318189	8571430	9428572
12	589784	3	6	75	1921	1175	1978	9911021	9428573	10285715
13	1138269	3	6	85	1637	1555	1319	11054364	10285716	11142858
14	639318	1	6	80	1485	0	0	11698193	11142859	12000001

Total number of pulses in waveform = 31



Type 5 Radar Waveform_14

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1056248	1	17	75	1602	0	0	1056248	0	1199999
2	692368	1	17	50	1009	0	0	1750218	1200000	2399999
3	1482158	2	17	90	1360	1950	0	3233385	2400000	3599999
4	1471801	2	17	50	1660	1690	0	4708496	3600000	4799999
5	964712	1	17	75	1490	0	0	5676558	4800000	5999999
6	1245768	2	17	90	1157	1981	0	6923816	6000000	7199999
7	1418110	1	17	80	1470	0	0	8345064	7200000	8399999
8	1231623	3	17	95	1129	1351	1112	9578157	8400000	9599999
9	329437	2	17	100	1572	1381	0	9911186	9600000	10799999
10	1021595	3	17	50	1627	1830	1947	10935734	10800000	11999999

Total number of pulses in waveform = 18

Type 5 Radar Waveform_15

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	491136	1	5	65	1515	0	0	491136	0	749999
2	826062	2	5	50	1710	1310	0	1318713	750000	1499999
3	426953	2	5	85	1091	1204	0	1748686	1500000	2249999
4	1230846	3	5	100	1339	1167	1701	2981827	2250000	2999999
5	140554	3	5	85	1640	1103	1192	3126588	3000000	3749999
6	1212372	2	5	85	1780	1803	0	4342895	3750000	4499999
7	428206	1	5	60	1532	0	0	4774684	4500000	5249999
8	1113964	1	5	85	1571	0	0	5890180	5250000	5999999
9	378935	3	5	80	1418	1314	1980	6270686	6000000	6749999
10	867059	3	5	90	1794	1415	1311	7142457	6750000	7499999
11	587269	2	5	70	1841	1938	0	7734246	7500000	8249999
12	858281	1	5	70	1441	0	0	8596306	8250000	8999999
13	419806	1	5	90	1125	0	0	9017553	9000000	9749999
14	1420346	1	5	100	1163	0	0	10439024	9750000	10499999
15	497682	2	5	80	1814	1297	0	10937869	10500000	11249999
16	450653	3	5	70	1471	1737	1906	11391633	11250000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_16

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	213513	2	9	85	1426	1158	0	213513	0	631578
2	837832	1	9	90	1549	0	0	1053929	631579	1263157
3	829949	2	9	90	1841	1522	0	1885427	1263158	1894736
4	133818	1	9	100	1163	0	0	2022608	1894737	2526315
5	885699	3	9	75	1299	1556	1471	2909470	2526316	3157894
6	274057	3	9	100	1071	1856	1543	3187853	3157895	3789473
7	1087605	3	9	60	1229	1588	1791	4279928	3789474	4421052
8	297233	3	9	95	1381	1294	1495	4581769	4421053	5052631
9	747880	1	9	75	1493	0	0	5333819	5052632	5684210
10	667793	1	9	55	1915	0	0	6003105	5684211	6315789
11	419819	1	9	60	1904	0	0	6424839	6315790	6947368
12	740164	3	9	80	1954	1333	1984	7166907	6947369	7578947
13	862737	1	9	90	1464	0	0	8034915	7578948	8210526
14	634527	1	9	70	1265	0	0	8670906	8210527	8842105
15	541852	2	9	60	1664	1615	0	9214023	8842106	9473684
16	575466	1	9	70	1366	0	0	9792758	9473685	10105263
17	369980	1	9	80	1180	0	0	10164104	10105264	10736842
18	787284	1	9	75	1816	0	0	10952568	10736843	11368421
19	451723	3	9	90	1166	1264	1366	11406107	11368422	12000000

Total number of pulses in waveform = 34



Type 5 Radar Waveform_17

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	624950	2	10	55	1885	1410	0	624950	0	1199999
2	1726789	1	10	60	1407	0	0	2355034	1200000	2399999
3	349784	2	10	80	1975	1122	0	2706225	2400000	3599999
4	1662903	1	10	70	1418	0	0	4372225	3600000	4799999
5	1389617	2	10	55	1438	1512	0	5763260	4800000	5999999
6	717144	1	10	65	1315	0	0	6483354	6000000	7199999
7	957871	2	10	75	1079	1869	0	7442540	7200000	8399999
8	2017615	2	10	50	1250	1227	0	9463103	8400000	9599999
9	985823	1	10	55	1938	0	0	10451403	9600000	10799999
10	1236989	1	10	65	1418	0	0	11690330	10800000	11999999

Total number of pulses in waveform = 15

Type 5 Radar Waveform_18

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	744267	2	19	50	1789	1026	0	744267	0	799999
2	484557	2	19	80	1156	1019	0	1231639	800000	1599999
3	617071	1	19	95	1701	0	0	1850885	1600000	2399999
4	1178931	3	19	100	1284	1069	1399	3031517	2400000	3199999
5	957596	1	19	95	1104	0	0	3992865	3200000	3999999
6	511622	3	19	60	1251	1270	1250	4505591	4000000	4799999
7	777786	1	19	90	1544	0	0	5287148	4800000	5599999
8	635633	3	19	50	1769	1476	1104	5924325	5600000	6399999
9	639347	2	19	60	1393	1241	0	6568021	6400000	7199999
10	845521	3	19	80	1973	1793	1559	7416176	7200000	7999999
11	1057471	1	19	85	1092	0	0	8478972	8000000	8799999
12	947424	3	19	55	1536	1676	1939	9427488	8800000	9599999
13	873983	1	19	100	1365	0	0	10306622	9600000	10399999
14	199422	1	19	80	1601	0	0	10507409	10400000	11199999
15	979308	2	19	65	1818	1964	0	11488318	11200000	11999999

Total number of pulses in waveform = 29

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	580220	3	18	75	1495	1828	1645	580220	0	1333332
2	1810767	1	18	100	1442	0	0	2395955	1333333	2666665
3	511496	2	18	90	1649	1299	0	2908893	2666666	3999998
4	1189771	3	18	55	1719	1315	1327	4101612	3999999	5333331
5	1838905	3	18	85	1453	1680	1102	5944878	5333332	6666664
6	1271421	3	18	60	1702	1711	1490	7220534	6666665	7999997
7	800107	3	18	80	1529	1766	1776	8025544	7999998	9333330
8	1983888	1	18	70	1329	0	0	10014503	9333331	10666663
9	1971174	2	18	50	1354	1783	0	11987006	10666664	11999996

Total number of pulses in waveform = 21



Type 5 Radar Waveform_20

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	442133	2	12	60	1082	1222	0	442133	0	1199999
2	1808317	2	12	70	1608	1161	0	2252754	1200000	2399999
3	981890	1	12	65	1112	0	0	3237413	2400000	3599999
4	720682	3	12	100	1270	1089	1661	3959207	3600000	4799999
5	1562054	1	12	55	1058	0	0	5525281	4800000	5999999
6	1130546	3	12	95	1899	1426	1739	6656885	6000000	7199999
7	1647910	2	12	85	1616	1036	0	8309859	7200000	8399999
8	954355	3	12	90	1683	1889	1088	9266866	8400000	9599999
9	541933	1	12	95	1880	0	0	9813459	9600000	10799999
10	1657829	2	12	70	1946	1541	0	11473168	10800000	11999999

Total number of pulses in waveform = 20

Type 5 Radar Waveform_21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	181437	3	10	90	1588	1301	1404	181437	0	599999
2	465174	1	10	65	1048	0	0	650904	600000	1199999
3	608974	2	10	75	1832	1779	0	1260926	1200000	1799999
4	1005030	2	10	75	1327	1150	0	2269567	1800000	2399999
5	641584	3	10	80	1237	1709	1616	2913628	2400000	2999999
6	581787	2	10	70	1372	1272	0	3499977	3000000	3599999
7	618263	1	10	50	1181	0	0	4120884	3600000	4199999
8	218935	3	10	95	1125	1544	1739	4341000	4200000	4799999
9	649751	1	10	100	1435	0	0	4995159	4800000	5399999
10	445415	2	10	60	1689	1268	0	5442009	5400000	5999999
11	762725	2	10	90	1158	1414	0	6207691	6000000	6599999
12	880982	2	10	80	1254	1587	0	7091245	6600000	7199999
13	168177	3	10	75	1541	1556	1806	7262263	7200000	7799999
14	807763	1	10	55	1910	0	0	8074929	7800000	8399999
15	596030	3	10	95	1417	1843	1942	8672869	8400000	8999999
16	879769	2	10	80	1179	1837	0	9557830	9000000	9599999
17	320790	1	10	95	1099	0	0	9881636	9600000	10199999
18	329552	3	10	70	1350	1298	1936	10212287	10200000	10799999
19	995072	2	10	50	1535	1948	0	11211943	10800000	11399999
20	392610	3	10	55	1799	1848	1796	11608036	11400000	11999999

Total number of pulses in waveform = 42

Type 5 Radar Waveform_22

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	167866	2	8	55	1665	1365	0	167866	0	1199999
2	1033522	3	8	85	1798	1730	1635	1204418	1200000	2399999
3	1404389	1	8	95	1674	0	0	2613970	2400000	3599999
4	1553048	2	8	100	1932	1681	0	4168692	3600000	4799999
5	1221508	1	8	80	1038	0	0	5393813	4800000	5999999
6	1458506	2	8	80	1621	1242	0	6853357	6000000	7199999
7	692082	1	8	90	1582	0	0	7548302	7200000	8399999
8	2002866	1	8	70	1722	0	0	9552750	8400000	9599999
9	735511	2	8	55	1805	1155	0	10289983	9600000	10799999
10	712591	3	8	85	1755	1357	1197	11005534	10800000	11999999

Total number of pulses in waveform = 18



Type 5 Radar Waveform_23

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	433199	2	12	85	1133	1006	0	433199	0	1333332
2	1538088	1	12	65	1497	0	0	1973426	1333333	2666665
3	1506609	1	12	75	1635	0	0	3481532	2666666	3999998
4	1126853	2	12	75	1204	1044	0	4610020	3999999	5333331
5	725770	1	12	90	1310	0	0	5338038	5333332	6666664
6	1486248	2	12	70	1652	1816	0	6825596	6666665	7999997
7	1223799	1	12	65	1788	0	0	8052863	7999998	9333330
8	2028170	3	12	75	1706	1092	1540	10082821	9333331	10666663
9	1146364	3	12	100	1861	1891	1917	11233523	10666664	11999996

Total number of pulses in waveform = 16

Type 5 Radar Waveform_24

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	467107	3	5	50	1458	1960	1445	467107	0	666666
2	349773	3	5	100	1550	1111	1763	821743	666667	1333333
3	614584	1	5	95	1271	0	0	1440751	1333334	2000000
4	849502	1	5	75	1677	0	0	2291524	2000001	2666667
5	542331	2	5	75	1542	1615	0	2835532	2666668	3333334
6	503862	2	5	90	1281	1368	0	3342551	3333335	4000001
7	1047687	2	5	65	1179	1061	0	4392777	4000002	4666668
8	288369	1	5	70	1924	0	0	4683386	4666669	5333335
9	1251732	3	5	50	1473	1049	1327	5937042	5333336	6000002
10	243702	2	5	95	1206	1510	0	6184593	6000003	6666669
11	936693	1	5	50	1291	0	0	7124002	6666670	7333336
12	814162	1	5	50	1987	0	0	7939455	7333337	8000003
13	658933	2	5	65	1282	1792	0	8600375	8000004	8666670
14	168748	3	5	90	1511	1933	1867	8772197	8666671	9333337
15	768529	3	5	100	1916	1929	1314	9546037	9333338	10000004
16	1104999	2	5	100	1237	1720	0	10656195	10000005	10666671
17	243973	1	5	85	1859	0	0	10903125	10666672	11333338
18	663730	2	5	70	1937	1079	0	11568714	11333339	12000005

Total number of pulses in waveform = 35

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	1446134	2	17	100	1751	1391	0	1446134	0	1499999
2	1482646	2	17	95	1157	1429	0	2931922	1500000	2999999
3	1266023	2	17	95	1083	1044	0	4200531	3000000	4499999
4	1459697	1	17	60	1431	0	0	5662355	4500000	5999999
5	475287	1	17	60	1119	0	0	6139073	6000000	7499999
6	1586980	2	17	65	1536	1140	0	7727172	7500000	8999999
7	2574462	1	17	55	1413	0	0	10304310	9000000	10499999
8	1144898	3	17	70	1764	1429	1678	11450621	10500000	11999999

Total number of pulses in waveform = 14



Type 5 Radar Waveform_26

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	216087	2	14	60	1817	1475	0	216087	0	705881
2	741286	1	14	75	1098	0	0	960665	705882	1411763
3	1036575	3	14	100	1168	1217	1744	1998338	1411764	2117645
4	273375	2	14	90	1206	1925	0	2275842	2117646	2823527
5	768561	2	14	55	1297	1669	0	3047534	2823528	3529409
6	985042	1	14	65	1583	0	0	4035542	3529410	4235291
7	699717	3	14	80	1187	1342	1327	4736842	4235292	4941173
8	510112	2	14	50	1611	1032	0	5250810	4941174	5647055
9	1067737	2	14	75	1859	1136	0	6321190	5647056	6352937
10	403212	2	14	70	1853	1612	0	6727397	6352938	7058819
11	556960	2	14	60	1057	1401	0	7287822	7058820	7764701
12	586893	2	14	50	1164	1332	0	7877173	7764702	8470583
13	659404	1	14	100	1589	0	0	8548922	8470584	9176465
14	1134971	1	14	70	1643	0	0	9209915	9176466	9882347
15	570085	1	14	70	1239	0	0	10346529	9882348	10588229
16	1010055	2	14	55	1174	1881	0	10917853	10588230	11294111
17		1	14	100	1610	0	0	11930963	11294112	11999993

Total number of pulses in waveform = 30

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	404528	2	6	80	1821	1351	0	404528	0	705881
2	771572	1	6	85	1367	0	0	1179272	705882	1411763
3	902981	2	6	75	1427	1263	0	2083620	1411764	2117645
4	505804	3	6	65	1241	1869	1366	2592114	2117646	2823527
5	359623	2	6	100	1965	1116	0	2956213	2823528	3529409
6	1228939	1	6	70	1763	0	0	4188233	3529410	4235291
7	337891	3	6	95	1811	1095	1006	4527887	4235292	4941173
8	860532	2	6	50	1748	1471	0	5392331	4941174	5647055
9	847887	1	6	55	1146	0	0	6243437	5647056	6352937
10	267337	3	6	50	1633	1895	1945	6511920	6352938	7058819
11	639088	1	6	65	1844	0	0	7156481	7058820	7764701
12	657386	2	6	70	1724	1694	0	7815711	7764702	8470583
13	882665	1	6	55	1334	0	0	8701794	8470584	9176465
14	1096203	1	6	85	1684	0	0	9799331	9176466	9882347
15	689720	2	6	85	1512	1548	0	10490735	9882348	10588229
16	284346	2	6	60	1792	1289	0	10778141	10588230	11294111
17	1169142	2	6	70	1672	1754	0	11950364	11294112	11999993

Total number of pulses in waveform = 31

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	192343	1	19	75	1509	0	0	192343	0	631578
2	745466	3	19	95	1580	1351	1924	939318	631579	1263157
3	440267	1	19	75	1674	0	0	1384440	1263158	1894736
4	663801	3	19	75	1585	1361	1574	2049915	1894737	2526315
5	519245	2	19	55	1077	1508	0	2573680	2526316	3157894
6	818948	2	19	50	1766	1403	0	3395213	3157895	3789473
7	450620	3	19	50	1644	1165	1779	3849002	3789474	4421052
8	1131325	2	19	55	1844	1022	0	4984915	4421053	5052631
9	101659	2	19	80	1266	1591	0	5089440	5052632	5684210
10	671377	1	19	65	1727	0	0	5763674	5684211	6315789
11	605923	1	19	80	1991	0	0	6371324	6315790	6947368
12	1134483	2	19	90	1458	1999	0	7507798	6947369	7578947
13	263774	2	12	65	1290	1910	0	7775029	7578948	8210526
14	915482	3	19	95	1365	1070	1048	8693711	8210527	8842105
15	316776	3	19	100	1363	1512	1228	9013970	8842106	9473684
16	885945	2	19	85	1883	1000	0	9904018	9473685	10105263
17	524455	3	19	95	1890	1355	1872	10431356	10105264	10736842
18	698194	1	19	70	1668	0	0	11134667	10736843	11368421
19	641209	1	19	100	1253	0	0	11777544	11368422	12000000

Total number of pulses in waveform = 38



Type 5 Radar Waveform_29

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	209493	3	9	85	1615	1217	1797	209493	0	631578
2	507949	2	9	70	1812	1082	0	722071	631579	1263157
3	1093409	2	9	90	1379	1087	0	1818374	1263158	1894736
4	629280	2	9	100	1339	1792	0	2450120	1894737	2526315
5	386463	2	9	100	1325	1858	0	2839714	2526316	3157894
6	399589	2	9	95	1625	1781	0	3242486	3157895	3789473
7	898367	3	9	55	1313	1020	1375	4144259	3789474	4421052
8	841866	1	9	50	1192	0	0	4989833	4421053	5052631
9	481142	1	9	90	1543	0	0	5472167	5052632	5684210
10	750020	1	9	55	1188	0	0	6223730	5684211	6315789
11	693926	1	9	75	1930	0	0	6918844	6315790	6947368
12	214071	1	9	70	1615	0	0	7134845	6947369	7578947
13	580308	1	9	90	1300	0	0	7716768	7578948	8210526
14	962489	1	9	50	1272	0	0	8680557	8210527	8842105
15	752922	1	9	70	1784	0	0	9434751	8842106	9473684
16	144619	3	9	60	1075	1928	1633	9581154	9473685	10105263
17	550931	1	9	65	1217	0	0	10136721	10105264	10736842
18	1055987	3	9	75	1524	1487	1993	11193925	10736843	11368421
19	461523	2	9	60	1139	1371	0	11680452	11368422	12000000

Total number of pulses in waveform = 33

Type 5 Radar Waveform_30

Num of Bursts = 11

Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	446399	1	18	70	1078	0	0	446399	0	1090908
2	1485694	2	18	50	1321	1942	0	1933171	1090909	2181817
3	899786	3	18	55	1550	1432	1648	2836220	2181818	3272726
4	1421235	2	18	95	1417	1515	0	4262085	3272727	4363635
5	328351	2	18	70	1931	1924	0	4593368	4363636	5454544
6	1852850	3	18	80	1594	1721	1840	6450073	5454545	6545453
7	628851	2	18	60	1702	1585	0	7084079	6545454	7636362
8	864121	3	18	50	1665	1042	1951	7951487	7636363	8727271
9	1678074	2	18	50	1127	1630	0	9632219	8727272	9818180
10	948402	1	18	90	1330	0	0	10583378	9818181	10909089
11	1143379	3	18	60	1691	1587	1078	11728087	10909090	11999998

Total number of pulses in waveform = 24

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	5263.5	1	16	5326.7	1
2	5323.6	1	17	5302.9	1
3	5305.7	1	18	5321.5	1
4	5281.8	1	19	5256.3	1
5	5329.0	1	20	5279.5	1
6	5319.3	1	21	5311.3	1
7	5296.5	1	22	5259.6	1
8	5317.8	1	23	5294.1	1
9	5270.2	1	24	5307.2	1
10	5309.1	1	25	5299.7	1
11	5252.7	1	26	5250.0	1
12	5291.2	1	27	5266.7	1
13	5315.6	1	28	5287.7	1
14	5276.4	1	29	5313.5	1
15	5284.3	1	30	5273.6	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5262	3	27	5295	81
7	5278	21	30	5306	90
43	5277	129	54	5293	162
45	5264	135	62	5314	186
64	5273	192	93	5294	279
93	5253	279	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5291	24	15	5253	45
12	5298	36	34	5252	102
27	5306	81	40	5273	120
41	5290	123	60	5261	180
49	5286	147	99	5270	297
82	5299	246	--	--	--
93	5307	279	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5306	18	9	5297	27
12	5298	36	23	5293	69
39	5311	117	33	5313	99
47	5292	141	82	5304	246
87	5300	261	96	5299	288
96	5317	288	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
48	5294	144	9	5306	27
83	5275	249	15	5288	45
85	5300	255	20	5296	60
98	5273	294	23	5310	69
--	--	--	25	5293	75
--	--	--	35	5287	105
--	--	--	48	5308	144
--	--	--	64	5290	192
--	--	--	72	5307	216
--	--	--	76	5305	228
--	--	--	95	5294	285

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5279	9	3	5278	9
17	5265	51	9	5277	27
57	5256	171	13	5282	39
58	5254	174	34	5298	102
62	5280	186	50	5284	150
63	5266	189	51	5293	153
85	5278	255	63	5292	189
91	5258	273	82	5303	246
--	--	--	86	5285	258

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5260	12	12	5264	36
21	5270	63	18	5277	54
44	5272	132	20	5253	60
56	5252	168	38	5279	114
75	5273	225	69	5270	207
84	5267	252	84	5272	252
91	5258	273	86	5276	258

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5316	21	4	5259	12
32	5299	96	27	5250	81
33	5295	99	28	5255	84
57	5290	171	30	5258	90
--	--	--	65	5280	195
--	--	--	92	5263	276
--	--	--	93	5264	279
--	--	--	94	5276	282

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5268	36	9	5294	27
21	5270	63	13	5309	39
29	5255	87	32	5290	96
33	5265	99	33	5293	99
50	5259	150	42	5319	126
82	5269	246	59	5308	177
88	5252	264	--	--	--
93	5276	279	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
21	5296	63	2	5318	6
40	5275	120	27	5290	81
68	5270	204	32	5300	96
73	5291	219	35	5313	105
81	5279	243	39	5307	117
86	5292	258	41	5299	123
--	--	--	84	5297	252
--	--	--	92	5291	276

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
34	5269	102	2	5269	6
37	5265	111	17	5250	51
40	5276	120	34	5279	102
44	5272	132	37	5254	111
54	5250	162	52	5259	156
79	5261	237	57	5276	171
85	5260	255	61	5257	183
--	--	--	90	5270	270
--	--	--	93	5253	279

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5310	12	20	5277	60
34	5308	102	48	5270	144
47	5300	141	63	5263	189
--	--	--	87	5255	261
--	--	--	98	5272	294

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5272	27	5	5291	15
15	5262	45	20	5284	60
26	5265	78	27	5307	81
41	5284	123	48	5302	144
60	5279	180	62	5310	186
82	5275	246	69	5309	207
91	5260	273	70	5308	210
--	--	--	76	5285	228
--	--	--	83	5283	249
--	--	--	88	5296	264
--	--	--	94	5299	282
--	--	--	99	5287	297

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5271	27	69	5259	207
13	5282	39	84	5277	252
20	5287	60	--	--	--
27	5274	81	--	--	--
47	5270	141	--	--	--
65	5292	195	--	--	--
87	5275	261	--	--	--
92	5297	276	--	--	--
93	5272	279	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5260	6	5	5270	15
5	5259	15	39	5273	117
37	5279	111	49	5267	147
40	5275	120	50	5269	150
42	5254	126	55	5258	165
59	5276	177	78	5276	234
60	5268	180	97	5257	291
63	5263	189	--	--	--
68	5271	204	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
50	5277	150	30	5257	90
56	5279	168	57	5274	171
78	5290	234	59	5253	177
--	--	--	65	5267	195
--	--	--	79	5265	237
--	--	--	97	5273	291

Radar Statistical Performance for 802.11ac-VHT80+80 - 5530MHz+5610MHz

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5568.6	1	518	102	1
2	5608.2	1	858	62	1
3	5630.7	1	798	67	1
4	5610.7	1	618	86	1
5	5570.4	1	638	83	1
6	5600.4	1	898	59	1
7	5640.8	1	598	89	1
8	5612.3	1	578	92	1
9	5530.9	1	718	74	1
10	5632.5	1	738	72	1
11	5528.1	1	678	78	1
12	5628.5	1	918	58	1
13	5520.2	1	838	63	1
14	5649.0	1	878	61	1
15	5512.7	1	3066	18	1
16	5620.9	1	2954	18	1
17	5510.6	1	617	86	1
18	5590.5	1	2617	21	1
19	5560.5	1	1480	36	1
20	5508.8	1	1855	29	1
21	5592.3	1	2654	20	1
22	5532.2	1	2879	19	1
23	5588.7	1	1241	43	1
24	5540.3	1	2616	21	1
25	5500.4	1	1367	39	1
26	5552.9	1	2965	18	1
27	5580.2	1	1432	37	1
28	5491.0	1	2485	22	1
29	5550.5	1	2875	19	1
30	5548.0	1	1516	35	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	5512.3	1.1	153	25	1
2	5552.4	2.7	162	24	1
3	5539.9	2.6	192	26	1
4	5640.8	3.8	179	26	1
5	5550.7	2.7	150	27	1
6	5649.0	4.0	217	23	1
7	5527.6	2.8	225	26	1
8	5570.5	1.7	180	26	1
9	5532.5	1.4	212	29	1
10	5579.3	3.3	214	26	1
11	5610.9	2.5	219	23	1
12	5530.7	1.7	210	25	1
13	5628.5	4.8	194	26	1
14	5548.1	1.6	173	24	1
15	5508.7	2.4	221	23	1
16	5590.2	1.8	170	26	1
17	5520.5	3.6	193	28	1
18	5620.4	2.6	195	24	1
19	5560.6	4.5	176	23	1
20	5586.9	4.9	157	26	1
21	5510.8	4.4	184	27	1
22	5600.8	1.0	213	24	1
23	5568.2	1.5	208	29	1
24	5632.3	4.7	227	25	1
25	5612.7	3.8	174	25	1
26	5592.6	2.9	199	28	1
27	5630.7	2.7	190	27	1
28	5499.9	4.5	166	24	1
29	5608.3	2.5	204	27	1
30	5491.0	2.2	169	24	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	5520.2	8.2	261	18	1
2	5568.8	6.7	467	16	1
3	5599.4	8.7	339	18	1
4	5628.8	7.4	268	17	1
5	5632.0	9.6	426	17	1
6	5512.8	9.8	326	17	1
7	5580.2	9.5	353	17	1
8	5560.5	6.8	427	18	1
9	5530.9	6.9	308	16	1
10	5608.3	8.0	353	17	1
11	5552.9	7.6	309	16	1
12	5612.5	8.9	256	16	1
13	5528.4	7.8	415	16	1
14	5570.0	6.8	348	18	1
15	5649.0	8.3	440	17	1
16	5510.5	7.0	251	16	1
17	5630.9	6.8	389	18	1
18	5550.8	9.8	463	17	1
19	5610.8	8.3	471	17	1
20	5500.1	6.1	471	18	1
21	5590.7	8.5	456	16	1
22	5548.3	7.7	255	17	1
23	5640.2	7.1	260	18	1
24	5539.6	9.2	452	16	1
25	5588.1	7.2	385	17	1
26	5620.7	8.4	399	17	1
27	5508.7	6.8	445	16	1
28	5592.9	8.1	413	16	1
29	5491.0	8.4	425	17	1
30	5532.7	7.0	475	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	5550.9	18.2	299	16	1
2	5590.6	16.7	363	12	1
3	5632.8	16.8	307	16	1
4	5532.9	17.7	270	15	1
5	5548.7	12.0	332	16	1
6	5630.5	13.1	450	13	1
7	5527.7	15.9	256	15	1
8	5649.0	15.1	347	12	1
9	5552.5	14.7	388	15	1
10	5610.3	19.0	388	15	1
11	5570.3	12.9	321	16	1
12	5512.6	18.2	280	14	1
13	5592.9	18.7	277	12	1
14	5530.5	17.1	313	12	1
15	5621.1	17.0	377	13	1
16	5519.8	14.1	385	15	1
17	5560.4	12.6	360	16	1
18	5540.2	20.0	347	13	1
19	5508.2	13.6	318	15	1
20	5600.5	13.0	264	14	1
21	5579.8	11.4	277	16	1
22	5567.6	15.4	267	14	1
23	5641.3	19.4	344	13	1
24	5498.9	13.3	287	14	1
25	5627.6	12.9	309	13	1
26	5587.2	16.9	268	15	1
27	5608.7	18.4	486	14	1
28	5491.0	16.1	311	16	1
29	5612.9	19.8	344	15	1
30	5510.8	14.4	343	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:
$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 100\% + 100\% + 100\%) / 4 = 100\% (>80\%)$$



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	5498.8	1	16	5570.0	1
2	5496.0	1	17	5570.0	1
3	5496.8	1	18	5570.0	1
4	5495.2	1	19	5570.0	1
5	5499.2	1	20	5570.0	1
6	5494.4	1	21	5644.8	1
7	5499.6	1	22	5643.2	1
8	5494.0	1	23	5640.8	1
9	5497.6	1	24	5566.0	1
10	5495.6	1	25	5644.0	1
11	5570.0	1	26	5645.6	1
12	5570.0	1	27	5642.4	1
13	5570.0	1	28	5644.4	1
14	5570.0	1	29	5640.4	1
15	5570.0	1	30	5641.2	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

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	536761	2	17	100	1266	1886	0	536761	0	799999
2	916750	3	17	80	1624	1813	1258	1456663	800000	1599999
3	654433	2	17	100	1731	1056	0	2115791	1600000	2399999
4	750288	3	17	70	1369	1248	1635	2868866	2400000	3199999
5	1096650	3	17	55	1207	1624	1393	3969768	3200000	3999999
6	219008	3	17	65	1971	1638	1253	4193000	4000000	4799999
7	1143292	3	17	70	1491	1449	1766	5341154	4800000	5599999
8	964165	1	17	50	1707	0	0	6310025	5600000	6399999
9	289122	2	17	50	1877	1915	0	6600854	6400000	7199999
10	1098240	1	17	80	1547	0	0	7702886	7200000	7999999
11	332723	1	17	80	1845	0	0	8037156	8000000	8799999
12	1253299	1	17	75	1702	0	0	9292300	8800000	9599999
13	1034194	2	17	60	1775	1071	0	10328196	9600000	10999999
14	366863	3	17	75	1310	1534	1200	10697905	10400000	11199999
15	802683	3	17	70	1523	1258	1497	11504632	11200000	11999999
Total number of pulses in waveform = 33 *****										



Type 5 Radar Waveform_2

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	51382	1	10	80	1958	0	0	51382	0	923076
2	1100396	2	10	55	1841	1375	0	1153736	923077	1846153
3	849499	3	10	95	1416	1750	1702	2006451	1846154	2769230
4	1632974	1	10	80	1804	0	0	3644293	2769231	3692307
5	666449	2	10	90	1400	1402	0	4312546	3692308	4615384
6	485978	1	10	65	1568	0	0	4801326	4615385	5538461
7	1452166	1	10	55	1824	0	0	6255060	5538462	6461538
8	272448	2	10	75	1082	1646	0	6529332	6461539	7384615
9	1519467	2	10	100	1025	1269	0	8051527	7384616	8307692
10	1155392	2	10	70	1555	1744	0	9209213	8307693	9230769
11	124765	1	10	85	1051	0	0	9337277	9230770	10153846
12	1644637	1	10	75	1960	0	0	10982965	10153847	11076923
13	852467	1	10	80	1849	0	0	11837392	11076924	12000000

Total number of pulses in waveform = 20

Type 5 Radar Waveform_3

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	421394	3	12	60	1033	1325	1061	421394	0	599999
2	262365	1	12	95	1816	0	0	687178	600000	1199999
3	806354	1	12	95	1600	0	0	1495348	1200000	1799999
4	866771	3	12	100	1597	1104	1009	2363719	1800000	2399999
5	156265	2	12	100	1189	1984	0	2523694	2400000	2999999
6	551142	2	12	60	1755	1461	0	3078009	3000000	3599999
7	756950	3	12	80	1913	1158	1404	3838175	3600000	4199999
8	597903	1	12	65	1084	0	0	4440553	4200000	4799999
9	445152	2	12	80	1208	1383	0	4886789	4800000	5399999
10	1065346	3	12	95	1874	1502	1322	5954726	5400000	5999999
11	231572	1	12	75	1006	0	0	6190996	6000000	6599999
12	545808	3	12	60	1276	1660	1493	6737610	6600000	7199999
13	958407	3	12	60	1597	1154	1201	7700446	7200000	7799999
14	220355	3	12	85	1972	1875	1320	7924753	7800000	8399999
15	967456	3	12	90	1766	1665	1499	8897376	8400000	8999999
16	226052	3	12	100	1623	1143	1228	9128358	9000000	9599999
17	859717	3	12	85	1763	1957	1655	9992069	9600000	10199999
18	369808	2	12	80	1695	1089	0	10367252	10200000	10799999
19	1021544	1	12	60	1160	0	0	11391580	10800000	11399999
20	510192	2	12	80	1616	1499	0	11902932	11400000	11999999

Total number of pulses in waveform = 45

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	658053	3	8	100	1838	1957	1417	658053	0	857142
2	698793	3	8	90	1435	1275	1688	1362058	857143	1714285
3	531474	2	8	90	1689	1275	0	1897930	1714286	2571428
4	880822	3	8	50	1676	1603	1243	2781716	2571429	3428571
5	910532	3	8	65	1922	1635	1403	3696770	3428572	4285714
6	1012158	1	8	75	1769	0	0	4713888	4285715	5142857
7	627872	2	8	85	1172	1744	0	5343529	5142858	6000000
8	905654	1	8	75	1572	0	0	6252099	6000001	6857143
9	1416954	3	8	70	1663	1928	1783	7670625	6857144	7714286
10	892648	1	8	90	1484	0	0	8568647	7714287	8571429
11	437175	1	8	65	1477	0	0	9007306	8571430	9428572
12	659568	3	8	55	1340	1778	1277	9668351	9428573	10285715
13	675425	3	8	80	1320	1897	1561	10348171	10285716	11142858
14	1277593	3	8	55	1081	1189	1007	11630542	11142859	12000001

Total number of pulses in waveform = 32



Type 5 Radar Waveform_5

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	844433	2	18	95	1115	1097	0	844433	0	1333332
2	810562	2	18	85	1323	1746	0	1657207	1333333	2666665
3	1763970	3	18	70	1722	1693	1357	3424246	2666666	3999998
4	1734228	2	18	55	1592	1937	0	5163246	3999999	5333331
5	1389202	3	18	80	1048	1910	1795	6555977	5333332	6666664
6	1331842	2	18	95	1852	1445	0	7892572	6666665	7999997
7	729988	2	18	55	1543	1880	0	8625857	7999998	9333330
8	1703397	1	18	70	1252	0	0	10332677	9333331	10666663
9	1451023	1	18	60	1850	0	0	11784952	10666664	11999996

Total number of pulses in waveform = 18

Type 5 Radar Waveform_6

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	827911	3	6	65	1019	1113	1710	827911	0	857142
2	249578	3	6	70	1165	1743	1687	1081331	857143	1714285
3	1296497	3	6	90	1319	1855	1943	2382423	1714286	2571428
4	810107	2	6	70	1126	1773	0	3197647	2571429	3428571
5	521594	1	6	65	1396	0	0	3722140	3428572	4285714
6	895562	1	6	75	1491	0	0	4619098	4285715	5142857
7	1178602	3	6	85	1484	1712	1878	5799191	5142858	6000000
8	511020	1	6	90	1384	0	0	6315285	6000001	6857143
9	846527	2	6	70	1762	1506	0	7163196	6857144	7714286
10	977031	2	6	50	1151	1128	0	8143495	7714287	8571429
11	941996	3	6	80	1661	1629	1279	9087770	8571430	9428572
12	637083	3	6	55	1545	1012	1841	9729422	9428573	10285715
13	824936	3	6	100	1325	1508	1904	10558756	10285716	11142858
14	1194086	3	6	70	1939	1141	1898	11757579	11142859	12000001

Total number of pulses in waveform = 33

Type 5 Radar Waveform_7

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	269193	1	19	100	1833	0	0	269193	0	999999
2	1443253	3	19	85	1920	1042	1474	1714279	1000000	1999999
3	1215950	2	19	85	1201	1845	0	2934665	2000000	2999999
4	194508	1	19	50	1473	0	0	3132219	3000000	3999999
5	1563284	2	19	75	1322	1254	0	4696976	4000000	4999999
6	988943	1	19	80	1432	0	0	5688495	5000000	5999999
7	660635	2	19	60	1495	1481	0	6350562	6000000	6999999
8	725393	2	19	50	1297	1136	0	7078931	7000000	7999999
9	1086503	2	19	70	1743	1098	0	8167867	8000000	8999999
10	1081395	3	19	60	1928	1261	1401	9252103	9000000	9999999
11	905593	3	19	75	1683	1621	1511	10162286	10000000	10999999
12	893111	3	19	85	1833	1236	1782	11060212	11000000	11999999

Total number of pulses in waveform = 25



Type 5 Radar Waveform_8

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	329843	2	5	75	1691	1092	0	329843	0	923076
2	967251	2	5	90	1866	1384	0	1299877	923077	1846153
3	722497	2	5	90	1363	1570	0	2025624	1846154	2769230
4	1048555	1	5	100	1066	0	0	3077112	2769231	3692307
5	737575	2	5	100	1620	1789	0	3815753	3692308	4615384
6	1449317	3	5	60	1872	1650	1574	5268479	4615385	5538461
7	523222	2	5	100	1518	1573	0	5796797	5538462	6461538
8	705842	3	5	100	1862	1309	1144	6505730	6461539	7384615
9	1578191	1	5	80	1146	0	0	8088236	7384616	8307692
10	300200	3	5	50	1854	1022	1693	8389582	8307693	9230769
11	1068086	3	5	75	1009	1394	1869	9462237	9230770	10153846
12	790317	2	5	50	1617	1286	0	10256826	10153847	11076923
13	1625310	2	5	95	1690	1945	0	11885039	11076924	12000000

Total number of pulses in waveform = 28

Type 5 Radar Waveform_9

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	505417	2	14	80	1533	1898	0	505417	0	999999
2	579184	3	14	100	1521	1745	1411	1088032	1000000	1999999
3	969476	3	14	60	1564	1679	1483	2062185	2000000	2999999
4	1877702	1	14	55	1514	0	0	3944613	3000000	3999999
5	288311	2	14	60	1923	1306	0	4234438	4000000	4999999
6	825877	2	14	80	1477	1734	0	5063544	5000000	5999999
7	1591640	3	14	80	1053	1592	1096	6658395	6000000	6999999
8	1277643	2	14	60	1841	1323	0	7939779	7000000	7999999
9	706017	1	14	50	1570	0	0	8648960	8000000	8999999
10	1213072	1	14	95	1361	0	0	9863602	9000000	9999999
11	1094018	3	14	100	1408	1332	1780	10958981	10000000	10999999
12	933648	1	14	70	1128	0	0	11897149	11000000	11999999

Total number of pulses in waveform = 24

Type 5 Radar Waveform_10

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	749517	1	9	65	1174	0	0	749517	0	1499999
2	822102	3	9	75	1519	1320	1470	1572793	1500000	2999999
3	1629964	1	9	60	1797	0	0	3207066	3000000	4499999
4	1560780	1	9	90	1528	0	0	4769643	4500000	5999999
5	2157649	3	9	90	1439	1770	1191	6928820	6000000	7499999
6	1763637	2	9	65	1847	1191	0	8696857	7500000	8999999
7	810830	3	9	65	1759	1051	1304	9510725	9000000	10499999
8	1229640	1	9	50	1249	0	0	10744479	10500000	11999999

Total number of pulses in waveform = 15



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	216446	3	8	50	1981	1387	1856	216446	0	666666
2	656966	2	8	55	1175	1487	0	878636	666667	1333333
3	618038	1	8	85	1692	0	0	1499336	1333334	2000000
4	638623	3	8	80	1728	1857	1441	2139651	2000001	2666667
5	577422	1	8	50	1618	0	0	2722099	2666668	3333334
6	992586	2	8	60	1433	1234	0	3716303	3333335	4000001
7	652494	3	8	65	1485	1953	1176	4371464	4000002	4666668
8	739072	2	8	65	1293	1626	0	5115150	4666669	5333335
9	578031	1	8	100	1421	0	0	5696100	5333336	6000002
10	597309	3	8	50	1561	1319	1416	6294830	6000003	6666669
11	541309	1	8	65	1728	0	0	6840435	6666670	7333336
12	726164	2	8	80	1592	1074	0	7568327	7333337	8000003
13	665428	3	8	90	1200	1858	1561	8236421	8000004	8666670
14	724399	2	8	70	1213	1158	0	8965439	8666671	9333337
15	477752	3	8	80	1618	1206	1392	9445562	9333338	10000004
16	781863	1	8	100	1847	0	0	10231641	10000005	10666671
17	494354	1	8	85	1440	0	0	10727842	10666672	11333338
18	1247804	2	8	65	1695	1026	0	11977086	11333339	12000005

Total number of pulses in waveform = 36

Type 5 Radar Waveform_12

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	777219	1	12	75	1979	0	0	777219	0	1090908
2	520615	2	12	85	1249	1376	0	1299813	1090909	2181817
3	1697664	2	12	90	1592	1582	0	3000102	2181818	3272726
4	939377	2	12	75	1432	1656	0	3942653	3272727	4363635
5	1249238	1	12	75	1777	0	0	5194979	4363636	5454544
6	385158	3	12	65	1478	1060	1588	5581914	5454545	6545453
7	2038833	2	12	65	1628	1404	0	7624873	6545454	7636362
8	444265	1	12	90	1788	0	0	8072170	7636363	8727271
9	767191	2	12	80	1248	1174	0	8841149	8727272	9818180
10	2061672	2	12	100	1724	1373	0	10905243	9818181	10909089
11	729426	2	12	50	1690	1042	0	11637766	10909090	11999998

Total number of pulses in waveform = 20

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	743662	2	10	90	1845	1496	0	743662	0	1090908
2	782882	2	10	70	1743	1923	0	1529885	1090909	2181817
3	804784	2	10	55	1404	1872	0	2338335	2181818	3272726
4	1540156	1	10	50	1594	0	0	3881767	3272727	4363635
5	672592	3	10	50	1449	1188	1010	4555953	4363636	5454544
6	1494172	2	10	55	1549	1106	0	6053752	5454545	6545453
7	597272	1	10	85	1055	0	0	6653679	6545454	7636362
8	1306149	2	10	70	1816	1175	0	7960883	7636363	8727271
9	1743829	2	10	100	1103	1123	0	9707703	8727272	9818180
10	199259	3	10	100	1404	1269	1186	9909188	9818181	10909089
11	1216169	3	10	80	1305	1548	1969	11129216	10909090	11999998

Total number of pulses in waveform = 23



Type 5 Radar Waveform_14

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	288887	2	19	90	1981	1772	0	288887	0	599999
2	524270	1	19	75	1223	0	0	816910	600000	1199999
3	507114	2	19	60	1585	1547	0	1325247	1200000	1799999
4	925420	2	19	50	1047	1991	0	2253799	1800000	2399999
5	315197	1	19	55	1734	0	0	2572034	2400000	2999999
6	967132	1	19	65	1204	0	0	3540900	3000000	3599999
7	166145	2	19	75	1691	1455	0	3708249	3600000	4199999
8	708347	2	19	95	1415	1565	0	4419742	4200000	4799999
9	632741	1	19	50	1261	0	0	5055465	4800000	5399999
10	675558	3	19	70	1850	1624	1180	5732284	5400000	5999999
11	792589	1	19	75	1785	0	0	6529527	6000000	6599999
12	162885	1	19	55	1902	0	0	6694197	6600000	7199999
13	790805	1	19	70	1419	0	0	7486904	7200000	7799999
14	824249	2	19	75	1525	1477	0	8312572	7800000	8399999
15	523932	1	19	85	1517	0	0	8839506	8400000	8999999
16	479377	1	19	80	1149	0	0	9320400	9000000	9599999
17	831559	3	19	50	1088	1747	1163	10153108	9600000	10199999
18	545575	1	19	60	1972	0	0	10702681	10200000	10799999
19	287543	1	19	85	1852	0	0	10992196	10800000	11399999
20	674529	2	19	50	1145	1145	0	11668577	11400000	11999999

Total number of pulses in waveform = 31

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	153186	1	17	50	1090	0	0	153186	0	1199999
2	1731552	3	17	90	1719	1300	1986	1885828	1200000	2399999
3	1192081	1	17	70	1716	0	0	3082914	2400000	3599999
4	1012178	1	17	75	1417	0	0	4096808	3600000	4799999
5	850889	3	17	70	1231	1015	1018	4949114	4800000	5999999
6	2155028	3	17	75	1061	1573	1769	7107406	6000000	7199999
7	1140168	2	17	100	1908	1753	0	8251977	7200000	8399999
8	875608	1	17	60	1970	0	0	9131246	8400000	9599999
9	1441250	1	17	90	1016	0	0	10574466	9600000	10799999
10	870016	3	17	50	1797	1024	1249	11445498	10800000	11999999

Total number of pulses in waveform = 19

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	200082	1	18	65	1435	0	0	200082	0	1333332
2	1895167	1	18	55	1309	0	0	2096684	1333333	2666665
3	1756159	3	18	75	1603	1003	1743	3854152	2666666	3999998
4	465275	3	18	75	1043	1101	1757	4323776	3999999	5333331
5	1157210	2	18	85	1419	1114	0	5484887	5333332	6666664
6	2270788	2	18	50	1433	1621	0	7758208	6666665	7999997
7	1566568	1	18	95	1631	0	0	9327830	7999998	9333330
8	12103	2	18	80	1970	1421	0	9341564	9333331	10666663
9	2101997	2	18	95	1499	1926	0	11446952	10666664	11999996

Total number of pulses in waveform = 17



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	567868	1	5	65	1652	0	0	567868	0	705881
2	146487	2	5	65	1098	1288	0	716007	705882	1411763
3	783692	2	5	65	1260	1255	0	1502085	1411764	2117645
4	1054117	3	5	60	1953	1024	1662	2558717	2117646	2823527
5	838848	3	5	100	1360	1060	1085	3402204	2823528	3529409
6	598123	2	5	95	1639	1139	0	4003832	3529410	4235291
7	266571	3	5	55	1383	1225	1831	4273181	4235292	4941173
8	703803	3	5	75	1218	1288	1246	4981423	4941174	5647055
9	1204839	1	5	95	1685	0	0	6190014	5647056	6352937
10	179978	3	5	95	1843	1882	1820	6371677	6352938	7058819
11	698480	3	5	65	1329	1874	1051	7075702	7058820	7764701
12	1348031	3	5	95	1955	1520	1355	8427987	7764702	8470583
13	739204	3	5	60	1577	1483	1036	9172021	8470584	9176465
14	344860	3	5	65	1211	1004	1517	9520977	9176466	9882347
15	438929	2	5	70	1044	1749	0	9963638	9882348	10588229
16	1207299	2	5	95	1842	1161	0	11173730	10588230	11294111
17	258511	2	5	60	1739	1318	0	11435244	11294112	11999993

Total number of pulses in waveform = 41

Type 5 Radar Waveform_18

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	746501	3	14	100	1939	1304	1169	746501	0	857142
2	932139	1	14	65	1953	0	0	1683052	857143	1714285
3	772904	2	14	90	1141	1842	0	2457909	1714286	2571428
4	355008	2	14	60	1398	1032	0	2815900	2571429	3428571
5	934137	3	14	65	1488	1873	1317	3752467	3428572	4285714
6	646564	2	14	100	1576	1531	0	4403709	4285715	5142857
7	1132747	3	14	60	1744	1899	1795	5539563	5142858	6000000
8	872509	1	14	55	1869	0	0	6417510	6000001	6857143
9	1195852	2	14	95	1534	1823	0	7615231	6857144	7714286
10	833938	2	14	60	1789	1340	0	8452526	7714287	8571429
11	502204	3	14	60	1406	1036	1506	8957859	8571430	9428572
12	960227	1	14	90	1904	0	0	9922034	9428573	10285715
13	703010	1	14	90	1219	0	0	10626948	10285716	11142858
14	760261	3	14	100	1801	1979	1735	11388428	11142859	12000001

Total number of pulses in waveform = 29

Type 5 Radar Waveform_19

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	261846	3	6	85	1685	1278	1738	261846	0	799999
2	618676	2	6	100	1259	1197	0	885223	800000	1599999
3	959296	2	6	70	1214	1294	0	1846975	1600000	2399999
4	608178	2	6	70	1507	1457	0	2457661	2400000	3199999
5	1465714	1	6	75	1258	0	0	3926339	3200000	3999999
6	475814	3	6	55	1430	1955	1338	4403411	4000000	4799999
7	516647	2	6	50	1904	1036	0	4924781	4800000	5599999
8	843400	1	6	70	1624	0	0	5771121	5600000	6399999
9	1191073	3	6	100	1099	1536	1453	6963818	6400000	7199999
10	464584	3	6	55	1514	1528	1837	7432490	7200000	7999999
11	1119321	2	6	55	1058	1119	0	8556690	8000000	8799999
12	342832	3	6	100	1711	1486	1500	8901699	8800000	9599999
13	828710	1	6	100	1372	0	0	9735106	9600000	10399999
14	957102	2	6	60	1355	1834	0	10693580	10400000	11199999
15	1269928	2	6	90	1576	1049	0	1196697	11200000	11999999

Total number of pulses in waveform = 32



Type 5 Radar Waveform_20

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	214219	3	9	70	1788	1078	1136	214219	0	599999	
2	866471	3	9	75	1401	1315	1757	1084692	600000	1199999	
3	597448	3	9	50	1556	1498	1075	1686613	1200000	1799999	
4	695931	1	9	60	1213	0	0	2386673	1800000	2399999	
5	100724	1	9	80	1436	0	0	2488610	2400000	2999999	
6	564626	1	9	70	1503	0	0	3054672	3000000	3599999	
7	632030	3	9	55	1645	1958	1394	3688205	3600000	4199999	
8	896772	1	9	55	1123	0	0	4588974	4200000	4799999	
9	361024	2	9	70	1964	1294	0	4951121	4800000	5399999	
10	480796	3	9	50	1755	1943	1119	5435175	5400000	5999999	
11	602948	3	9	70	1879	1717	1424	6042940	6000000	6599999	
12	721889	2	9	70	1193	1487	0	6769849	6600000	7199999	
13	694361	1	9	65	1291	0	0	7466880	7200000	7799999	
14	596979	2	9	80	1004	1045	0	8065150	7800000	8399999	
15	351350	2	9	100	1374	1455	0	8418549	8400000	8999999	
16	953898	1	9	50	1832	0	0	9375276	9000000	9599999	
17	497875	1	9	95	1762	0	0	9874983	9600000	10199999	
18	916160	1	9	55	1161	0	0	10792895	10200000	10799999	
19	70733	3	9	65	1494	1809	1519	10864789	10800000	11399999	
20	839351	1	9	65	1171	0	0	11708962	11400000	11999999	
Total number of pulses in waveform = 38 *****											

Type 5 Radar Waveform_21

Num of Bursts = 10 Burst Interval (us)= 1200000											
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)	
1	1012031	2	8	95	1321	1399	0	1012031	0	1199999	
2	695909	3	8	95	1611	1668	1000	1710660	1200000	2399999	
3	1034498	1	8	55	1178	0	0	2749437	2400000	3599999	
4	1207310	3	8	90	1248	1007	1971	3957925	3600000	4799999	
5	1603185	3	8	85	1009	1289	1252	5565336	4800000	5999999	
6	1143321	2	8	65	1418	1462	0	6712207	6000000	7199999	
7	1484222	3	8	75	1716	1065	1670	8199309	7200000	8399999	
8	943896	2	8	70	1078	1498	0	9147656	8400000	9599999	
9	574242	3	8	60	1412	1839	1455	9724474	9600000	10799999	
10	1918703	1	8	90	1427	0	0	11647883	10800000	11999999	
Total number of pulses in waveform = 23 *****											

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	358745	2	12	100	1273	1485	0	358745	0	799999	
2	1049231	2	12	55	1467	1788	0	1410734	800000	1599999	
3	450657	1	12	85	1433	0	0	1864646	1600000	2399999	
4	813723	3	12	100	1096	1880	1363	2679802	2400000	3199999	
5	817953	1	12	60	1867	0	0	3502094	3200000	3999999	
6	1106761	1	12	55	1657	0	0	4610722	4000000	4799999	
7	426551	3	12	100	1031	1430	1577	5038930	4800000	5599999	
8	625306	1	12	70	1135	0	0	5668274	5600000	6399999	
9	1016534	1	12	75	1943	0	0	6685943	6400000	7199999	
10	885970	2	12	100	1441	1031	0	7573856	7200000	7999999	
11	1193585	3	12	85	1232	1462	1135	8769913	8000000	8799999	
12	374977	1	12	100	1353	0	0	9148719	8800000	9599999	
13	998805	1	12	80	1219	0	0	10148877	9600000	10399999	
14	943539	2	12	85	1322	1862	0	11093635	10400000	11199999	
15	130564	1	12	95	1430	0	0	11227383	11200000	11999999	
Total number of pulses in waveform = 25 *****											

**Type 5 Radar Waveform_23**

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	591010	2	18	80	1111	1114	0	591010	0	1333332
2	766595	3	18	65	1525	1861	1612	1359830	1333333	2666665
3	1753401	1	18	70	1103	0	0	3118229	2666666	3999998
4	1461787	2	18	95	1824	1233	0	4581119	3999999	5333331
5	951574	2	18	90	1984	1272	0	5535750	5333332	6666664
6	2396123	3	18	75	1582	1171	1741	7935129	6666665	7999997
7	888067	3	18	65	1430	1140	1103	8827690	7999998	9333330
8	1115939	3	18	100	1838	1971	1520	9947302	9333331	10666663
9	2015722	2	18	60	1594	1312	0	11968353	10666664	11999996

Total number of pulses in waveform = 21

Type 5 Radar Waveform_24

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	443499	1	5	90	1759	0	0	443499	0	1499999
2	1432688	2	5	95	1114	1851	0	1877946	1500000	2999999
3	2489430	2	5	80	1969	1687	0	4370341	3000000	4499999
4	1259348	1	5	100	1413	0	0	5633345	4500000	5999999
5	393315	3	5	65	1517	1018	1053	6028073	6000000	7499999
6	2150633	3	5	55	1303	1298	1363	8182294	7500000	8999999
7	1157553	1	5	60	1047	0	0	9343811	9000000	10499999
8	1245061	2	5	70	1115	1923	0	10589919	10500000	11999999

Total number of pulses in waveform = 15

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	858779	2	10	75	1639	1989	0	858779	0	1499999
2	1333313	3	10	75	1445	1117	1925	2195720	1500000	2999999
3	842870	2	10	55	1490	1751	0	3043077	3000000	4499999
4	2894695	1	10	90	1614	0	0	5941013	4500000	5999999
5	1083231	2	10	80	1101	1526	0	7025858	6000000	7499999
6	1526436	3	10	95	1067	1789	1794	8554921	7500000	8999999
7	1112651	3	10	50	1433	1558	1193	9672222	9000000	10499999
8	1188078	2	10	80	1273	1383	0	10864484	10500000	11999999

Total number of pulses in waveform = 18



Type 5 Radar Waveform_26

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	1024198	3	6	90	1440	1499	1993	1024198	0	1499999
2	669308	2	6	90	1183	1787	0	1698438	1500000	2999999
3	2401643	2	6	80	1403	1586	0	4103051	3000000	4499999
4	1290653	2	6	80	1060	1018	0	5396693	4500000	5999999
5	2066712	2	6	75	1783	1101	0	7465483	6000000	7499999
6	371189	1	6	85	1426	0	0	7839556	7500000	8999999
7	2379411	3	6	80	1487	1641	1966	10220393	9000000	10499999
8	1220516	1	6	80	1852	0	0	11446003	10500000	11999999

Total number of pulses in waveform = 16

Type 5 Radar Waveform_27

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	149031	2	14	60	1168	1492	0	149031	0	666666
2	1142839	1	14	50	1621	0	0	1294530	666667	1333333
3	193863	1	14	50	1994	0	0	1490014	1333334	2000000
4	865650	1	14	90	1729	0	0	2357658	2000001	2666667
5	435122	3	14	75	1486	1525	1608	2794509	2666668	3333334
6	620693	2	14	80	1150	1493	0	3419821	3333335	4000001
7	628489	2	14	75	1987	1727	0	4050953	4000002	4666668
8	1093452	3	14	80	1624	1029	1398	5148119	4666669	5333335
9	267707	3	14	60	1658	1905	1403	5419877	5333336	6000002
10	1145683	2	14	90	1281	1530	0	6570526	6000003	6666669
11	184415	1	14	80	1973	0	0	6757752	6666670	7333336
12	890827	3	14	50	1699	1247	1101	7650552	7333337	8000003
13	361826	1	14	60	1402	0	0	8016425	8000004	8666670
14	664102	2	14	60	1289	1333	0	8681929	8666671	9333337
15	892868	3	14	75	1151	1937	1023	9577419	9333338	10000004
16	1067893	3	14	95	1063	1406	1812	10649423	10000005	10666671
17	205580	1	14	100	1084	0	0	10859284	10666672	11333338
18	922970	2	14	55	1624	1379	0	11783338	11333339	12000005

Total number of pulses in waveform = 36

Type 5 Radar Waveform_28

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	609554	1	9	100	1639	0	0	609554	0	1090908
2	1410852	1	9	85	1575	0	0	2022045	1090909	2181817
3	767200	2	9	80	1983	1225	0	2790820	2181818	3272726
4	1157577	1	9	75	1750	0	0	3951605	3272727	4363635
5	1400592	2	9	100	1880	1832	0	5353947	4363636	5454544
6	430249	2	9	50	1432	1916	0	5787908	5454545	6545453
7	1137133	3	9	65	1492	1663	1155	6928389	6545454	7636362
8	822991	3	9	95	1997	1594	1102	7755690	7636363	8727271
9	1134125	1	9	65	1292	0	0	8894508	8727272	9818180
10	1654834	2	9	80	1964	1005	0	10550634	9818181	10909089
11	391815	3	9	65	1666	1887	1447	10945418	10909090	11999998

Total number of pulses in waveform = 21

**Type 5 Radar Waveform_29**

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	1067795	2	19	65	1484	1115	0	1067795	0	1499999
2	1803315	2	19	90	1573	1343	0	2873709	1500000	2999999
3	788530	3	19	80	1777	1188	1383	3665155	3000000	4499999
4	1221380	2	19	55	1713	1106	0	4890883	4500000	5999999
5	1130193	2	19	80	1644	1897	0	6023895	6000000	7499999
6	2337684	1	19	60	1475	0	0	8365120	7500000	8999999
7	858795	1	19	60	1408	0	0	9225390	9000000	10499999
8	1345073	2	19	65	1918	1148	0	10571871	10500000	11999999

Total number of pulses in waveform = 15

Type 5 Radar Waveform_30

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	561590	3	17	70	1318	1257	1221	561590	0	1333332
2	1351258	1	17	85	1346	0	0	1916644	1333333	2666665
3	1607344	1	17	90	1601	0	0	3525334	2666666	3999998
4	498873	1	17	55	1878	0	0	4025808	3999999	5333331
5	2472269	1	17	90	1309	0	0	6499955	5333332	6666664
6	388080	3	17	95	1896	1800	1336	6889344	6666665	7999997
7	1897584	3	17	80	1282	1860	1060	8791960	7999998	9333330
8	1138589	3	17	100	1068	1330	1973	9934751	9333331	10666663
9	1008120	3	17	80	1560	1062	1216	10947242	10666664	11999996

Total number of pulses in waveform = 19

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	5620.1	1	16	5540.3	1
2	5547.5	1	17	5649.0	1
3	5629.8	1	18	5612.8	1
4	5530.7	1	19	5527.6	1
5	5593.5	1	20	5588.2	1
6	5532.9	1	21	5626.5	1
7	5610.9	1	22	5508.6	1
8	5552.5	1	23	5568.8	1
9	5590.0	1	24	5520.5	1
10	5639.9	1	25	5550.8	1
11	5500.4	1	26	5631.6	1
12	5580.7	1	27	5601.7	1
13	5608.3	1	28	5491.0	1
14	5510.3	1	29	5560.4	1
15	5572.5	1	30	5512.9	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	5591	9	16	5578	48
5	5617	15	23	5549	69
15	5622	45	26	5548	78
17	5637	51	35	5579	105
22	5593	66	36	5564	108
23	5634	69	48	5579	144
35	5625	105	49	5560	147
45	5633	135	78	5585	234
58	5595	174	89	5573	267
65	5619	195	95	5551	285
87	5647	261	96	5566	288
95	5652	285	99	5542	297

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
16	5605	48	3	5494	9
23	5593	69	29	5501	87
26	5643	78	30	5515	90
31	5597	93	38	5518	114
33	5607	99	48	5523	144
37	5591	111	50	5525	150
38	5647	114	55	5528	165
41	5610	123	61	5534	183
48	5594	144	69	5536	207
61	5638	183	75	5538	225
64	5592	192	83	5542	249
73	5640	219	93	5548	279
84	5612	252	--	--	--
86	5620	258	--	--	--
94	5596	282	--	--	--
97	5642	291	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5563	33	0	5529	0
33	5564	99	9	5539	27
35	5569	105	19	5542	57
39	5573	117	23	5558	69
49	5582	147	25	5560	75
61	5587	183	26	5531	78
73	5590	219	30	5530	90
77	5617	231	46	5521	138
85	5619	255	62	5563	186
--	--	--	69	5519	207
--	--	--	72	5566	216
--	--	--	88	5568	264

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5591	36	7	5531	21
30	5629	90	15	5562	45
32	5622	96	28	5522	84
54	5635	162	30	5553	90
55	5586	165	38	5537	114
57	5637	171	42	5578	126
60	5638	180	45	5574	135
61	5633	183	60	5569	180
67	5624	201	67	5541	201
78	5616	234	71	5523	213
91	5584	273	80	5559	240
96	5634	288	81	5564	243
--	--	--	82	5560	246
--	--	--	89	5526	267

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5586	0	11	5602	33
2	5554	6	20	5619	60
3	5545	9	22	5644	66
9	5573	27	27	5642	81
15	5564	45	29	5631	87
33	5543	99	43	5626	129
37	5597	111	51	5637	153
43	5594	129	54	5618	162
44	5581	132	57	5630	171
49	5593	147	85	5600	255
56	5570	168	90	5634	270
66	5592	198	93	5660	279
67	5571	201	98	5609	294
86	5562	258	--	--	--
90	5595	270	--	--	--
92	5574	276	--	--	--
97	5589	291	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5575	15	1	5556	3
6	5574	18	9	5573	27
11	5617	33	12	5558	36
14	5566	42	68	5552	204
19	5571	57	74	5591	222
21	5589	63	84	5569	252
25	5614	75	89	5586	267
42	5616	126	98	5594	294
45	5583	135	--	--	--
57	5620	171	--	--	--
61	5604	183	--	--	--
70	5578	210	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5577	0	2	5536	6
11	5608	33	21	5540	63
14	5576	42	22	5495	66
18	5606	54	44	5491	132
19	5575	57	48	5538	144
26	5602	78	53	5509	159
27	5598	81	61	5498	183
30	5590	90	62	5533	186
31	5579	93	63	5549	189
32	5626	96	72	5545	216
45	5604	135	85	5496	255
52	5607	156	86	5520	258
61	5603	183	88	5493	264
63	5627	189	95	5532	285
66	5624	198	--	--	--
80	5605	240	--	--	--
90	5600	270	--	--	--
92	5625	276	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5567	3	5	5554	15
11	5568	33	9	5545	27
13	5590	39	20	5550	60
14	5556	42	24	5570	72
16	5565	48	26	5574	78
29	5572	87	28	5540	84
38	5596	114	42	5536	126
47	5577	141	44	5535	132
53	5600	159	45	5533	135
64	5582	192	53	5522	159
99	5545	297	58	5547	174
--	--	--	59	5527	177
--	--	--	62	5573	186
--	--	--	66	5561	198
--	--	--	68	5542	204
--	--	--	79	5559	237
--	--	--	85	5557	255
--	--	--	91	5578	273
--	--	--	95	5539	285

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5621	3	3	5599	9
10	5662	30	22	5595	66
21	5616	63	23	5591	69
24	5624	72	30	5620	90
27	5650	81	37	5587	111
30	5635	90	41	5613	123
31	5664	93	48	5633	144
37	5660	111	55	5618	165
44	5669	132	56	5637	168
52	5663	156	69	5634	207
64	5656	192	71	5585	213
82	5613	246	79	5596	237
89	5612	267	85	5607	255

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5538	3	6	5568	18
2	5524	6	21	5555	63
17	5513	51	34	5562	102
31	5560	93	39	5560	117
81	5547	243	48	5572	144
82	5508	246	53	5567	159
95	5509	285	62	5607	186
98	5550	294	64	5552	192
--	--	--	72	5564	216
--	--	--	76	5600	228
--	--	--	81	5603	243
--	--	--	89	5582	267
--	--	--	91	5559	273
--	--	--	93	5574	279

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5649	6	7	5596	21
6	5620	18	18	5619	54
8	5595	24	22	5628	66
15	5633	45	26	5617	78
23	5599	69	46	5585	138
37	5605	111	52	5577	156
46	5630	138	62	5601	186
47	5629	141	68	5576	204
51	5650	153	71	5580	213
54	5635	162	76	5622	228
63	5612	189	80	5586	240
64	5601	192	85	5595	255
67	5607	201	89	5598	267
83	5615	249	--	--	--
87	5624	261	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5549	33	7	5605	21
13	5567	39	8	5593	24
15	5572	45	15	5602	45
29	5595	87	21	5612	63
45	5550	135	22	5622	66
47	5556	141	29	5590	87
60	5593	180	30	5648	90
72	5586	216	32	5592	96
74	5599	222	45	5640	135
81	5574	243	47	5626	141
82	5597	246	48	5600	144
87	5582	261	51	5632	153
88	5541	264	72	5643	216
95	5566	285	91	5649	273

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5580	42	7	5657	21
21	5553	63	14	5613	42
23	5565	69	28	5600	84
32	5572	96	36	5634	108
33	5537	99	41	5605	123
39	5564	117	43	5623	129
43	5538	129	57	5603	171
47	5557	141	60	5658	180
48	5563	144	63	5641	189
50	5522	150	71	5619	213
66	5535	198	87	5621	261
67	5551	201	89	5609	267
73	5533	219	98	5601	294
88	5531	264	--	--	--
94	5574	282	--	--	--
99	5562	297	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5571	36	26	5464	78
14	5581	42	33	5467	99
22	5602	66	40	5474	120
56	5616	168	41	5489	123
67	5608	201	46	5504	138
70	5572	210	50	5478	150
80	5611	240	64	5494	192
82	5582	246	68	5468	204
84	5575	252	79	5498	237
87	5629	261	86	5475	258
88	5615	264	94	5479	282
92	5574	276	96	5463	288

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5588	0	3	5506	9
16	5598	48	4	5541	12
35	5573	105	6	5490	18
36	5572	108	13	5535	39
44	5589	132	33	5503	99
61	5560	183	37	5514	111
62	5600	186	40	5538	120
65	5544	195	44	5539	132
66	5562	198	49	5515	147
72	5577	216	61	5543	183
78	5596	234	66	5496	198
81	5590	243	77	5521	231
82	5582	246	90	5512	270
83	5576	249	97	5548	291
90	5563	270	--	--	--
93	5553	279	--	--	--
95	5587	285	--	--	--
96	5595	288	--	--	--

6. CONCLUSION

The data collected relate only the item(s) tested and show that the **ACCESS POINT FCC ID:**

Q9DAPEX037457 is in compliance with Part 15E of the FCC Rules.

The End