

Type 5 Radar Waveform_2

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	863873	3	14	90	1165	1049	1160	863873	0	1199999
2	826884	3	14	55	1827	1867	1873	1694131	1200000	2399999
3	1248316	1	14	85	1317	0	0	2948014	2400000	3599999
4	1433835	3	14	50	1565	1389	1840	4383166	3600000	4799999
5	741708	3	14	55	1500	1072	1138	5129668	4800000	5999999
6	999928	3	14	65	1164	1794	1886	6133306	6000000	7199999
7	1592627	2	14	100	1861	1876	0	7730777	7200000	8399999
8	1064775	1	14	80	1036	0	0	8799289	8400000	9599999
9	1836993	3	14	90	1266	1216	1563	10637318	9600000	10799999
10	208776	1	14	65	1344	0	0	10850139	10800000	11999999

Total number of pulses in waveform = 23

Type 5 Radar Waveform_3

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	301174	2	12	65	1137	1795	0	301174	0	1199999
2	1245201	2	12	80	1028	1347	0	1549307	1200000	2399999
3	1692163	1	12	60	1900	0	0	3243845	2400000	3599999
4	1293128	3	12	50	1961	1136	1727	4538873	3600000	4799999
5	432027	2	12	100	1305	1810	0	4975724	4800000	5999999
6	1654375	2	12	50	1032	1719	0	6633214	6000000	7199999
7	780272	3	12	60	1495	1631	1264	7416237	7200000	8399999
8	2003987	1	12	80	1105	0	0	9424614	8400000	9599999
9	1309695	1	12	75	1187	0	0	10735414	9600000	10799999
10	758133	3	12	60	1327	1887	1178	11494734	10800000	11999999

Total number of pulses in waveform = 20

Type 5 Radar Waveform_4

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	790510	2	5	95	1660	1649	0	790510	0	923076
2	512392	3	5	70	1914	1675	1293	1306211	923077	1846153
3	938971	1	5	70	1288	0	0	2250064	1846154	2769230
4	808515	2	5	100	1578	1467	0	3059867	2769231	3692307
5	950368	3	5	100	1698	1276	1257	4013280	3692308	4615384
6	874695	2	5	55	1279	1157	0	4892206	4615385	5538461
7	1308137	2	5	55	1460	1211	0	6202779	5538462	6461538
8	604932	2	5	85	1489	1621	0	6810382	6461539	7384615
9	773740	2	5	75	1431	1963	0	7587232	7384616	8307692
10	911539	1	5	90	1241	0	0	8502165	8307693	9230769
11	923957	3	5	85	1335	1634	1618	9427363	9230770	10153846
12	1578387	1	5	85	1181	0	0	11010337	10153847	11076923
13	964488	3	5	55	1578	1724	1648	11976006	11076924	12000000

Total number of pulses in waveform = 27



Type 5 Radar Waveform_5

Num of Bursts = 20

Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	433331	1	8	60	1972	0	0	433331	0	599999
2	473830	2	8	100	1187	1113	0	909133	600000	1199999
3	290036	1	8	50	1974	0	0	1201469	1200000	1799999
4	711343	2	8	65	1333	1726	0	1852991	1800000	2399999
5	435563	2	8	70	1252	1461	0	2567393	2400000	2999999
6	809253	1	8	60	1725	0	0	3005669	3000000	3599999
7	462544	2	8	80	1237	1355	0	3816647	3600000	4199999
8	848648	3	8	80	1656	1177	1034	4281783	4200000	4799999
9	262532	3	8	50	1422	1266	1425	5134298	4800000	5399999
10	872829	1	8	65	1166	0	0	5400943	5400000	5999999
11	470610	2	8	60	1022	1151	0	6274938	6000000	6599999
12	859248	1	8	85	1538	0	0	6747721	6600000	7199999
13	650098	1	8	90	1629	0	0	7608507	7200000	7799999
14	472963	1	8	65	1025	0	0	8260234	7800000	8399999
15	798373	3	8	95	1467	1034	1095	8734222	8400000	8999999
16	553601	2	8	80	1031	1689	0	9536191	9000000	9599999
17	278474	2	8	55	1192	1516	0	9817385	9600000	10199999
18	757055	2	8	55	1423	1661	0	10373694	10200000	10799999
19	305986	1	8	50	1452	0	0	11133833	10800000	11399999
20	305986	2	8	55	1055	1968	0	11441271	11400000	11999999

Total number of pulses in waveform = 35

Type 5 Radar Waveform_6

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	574535	3	9	100	1450	1875	1397	574535	0	923076
2	490829	3	9	70	1782	1306	1379	1070086	923077	1846153
3	1437297	1	9	75	1570	0	0	2511850	1846154	2769230
4	1106458	2	9	70	1695	1638	0	3619878	2769231	3692307
5	562109	2	9	65	1114	1303	0	4185320	3692308	4615384
6	1062858	3	9	50	1457	1550	1342	5250595	4615385	5538461
7	846964	2	9	50	1140	1115	0	6101908	5538462	6461538
8	737550	2	9	100	1405	1731	0	6841713	6461539	7384615
9	1072335	2	9	50	1962	1515	0	7917184	7384616	8307692
10	689408	3	9	50	1328	1904	1820	8610069	8307693	9230769
11	785973	2	9	85	1769	1608	0	9401094	9230770	10153846
12	1623889	1	9	50	1993	0	0	11028360	10153847	11076923
13	843631	2	9	85	1014	1136	0	11873984	11076924	12000000

Total number of pulses in waveform = 28

Type 5 Radar Waveform_7

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	83660	3	17	55	1217	1552	1673	83660	0	666666
2	1231322	3	17	100	1599	1787	1396	1319424	666667	1333333
3	495292	1	17	80	1519	0	0	1819498	1333334	2000000
4	179882	1	17	75	1502	0	0	2000899	2000001	2666667
5	1240377	3	17	95	1087	1080	1173	3242778	2666668	3333334
6	684668	1	17	55	1659	0	0	3930786	3333335	4000001
7	372123	3	17	70	1139	1508	1891	4304568	4000002	4666668
8	624814	1	17	65	1406	0	0	4933920	4666669	5333335
9	732713	3	17	100	1062	1246	1902	5668039	5333336	6000002
10	867709	2	17	70	1490	1213	0	6539958	6000003	6666669
11	666384	2	17	75	1565	1830	0	7209045	6666670	7333336
12	726175	3	17	85	1546	1361	1170	7938615	7333337	8000003
13	531919	2	17	85	1367	1008	0	8474611	8000004	8666670
14	191754	2	17	95	1996	1497	0	8668740	8666671	9333337
15	1146731	2	17	65	1195	1722	0	9818964	9333338	10000004
16	610718	2	17	60	1433	1023	0	10432599	10000005	10666671
17	540627	3	17	90	1156	1116	1456	10975682	10666672	11333338
18	880857	1	17	75	1585	0	0	11860267	11333339	12000005

Total number of pulses in waveform = 38

Type 5 Radar Waveform_8

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	664115	1	6	60	1515	0	0	664115	0	705881
2	166438	2	6	60	1981	1896	0	832068	705882	1411763
3	767961	3	6	70	1646	1231	1556	1603906	1411764	2117645
4	1107289	1	6	55	1782	0	0	2715628	2117646	2823527
5	299144	2	6	70	1295	1596	0	3016554	2823528	3529409
6	895132	2	6	85	1372	1331	0	3914577	3529410	4235291
7	458596	1	6	100	1616	0	0	4375876	4235292	4941173
8	773360	2	6	100	1487	1127	0	5150852	4941174	5647055
9	726300	3	6	65	1051	1684	1754	5879766	5647056	6352937
10	769894	1	6	65	1339	0	0	6654149	6352938	7058819
11	590009	3	6	55	1647	1184	1139	7245497	7058820	7764701
12	1043215	3	6	60	1854	1624	1700	8292682	7764702	8470583
13	399887	2	6	85	1703	1466	0	8697747	8470584	9176465
14	803576	2	6	65	1375	1746	0	9504492	9176466	9882347
15	875908	2	6	100	1805	1039	0	10383521	9882348	10588229
16	796910	2	6	65	1424	1356	1117	11183275	10588230	11294111
17	563530	3	6	80	1668	1412	0	11750702	11294112	11999993

Total number of pulses in waveform = 35

Type 5 Radar Waveform_9

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	676734	3	10	50	1757	1837	1046	676734	0	1333332
2	1967596	2	10	70	1901	1517	0	2648970	1333333	2666665
3	715971	3	10	70	1523	1776	1708	3368359	2666666	3999998
4	1763628	1	10	85	1976	0	0	5136994	3999999	5333331
5	598460	1	10	55	1825	0	0	5737430	5333332	6666664
6	1970376	2	10	70	1559	1323	0	7709631	6666665	7999997
7	476902	1	10	75	1907	0	0	8189415	7999998	9333330
8	1679040	1	10	80	1067	0	0	9870362	9333331	10666663
9	1490098	3	10	75	1256	1761	1888	11361527	10666664	11999996

Total number of pulses in waveform = 17

Type 5 Radar Waveform_10

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	975018	2	18	80	1745	1594	0	975018	0	1333332
2	963299	1	18	85	1166	0	0	1941656	1333333	2666665
3	1714407	1	18	55	1169	0	0	3657229	2666666	3999998
4	1672098	1	18	70	1875	0	0	5330496	3999999	5333331
5	162001	1	18	55	1677	0	0	5494372	5333332	6666664
6	1680805	2	18	65	1508	1613	0	7176854	6666665	7999997
7	1179194	1	18	80	1904	0	0	8359169	7999998	9333330
8	1387668	1	18	100	1074	0	0	9748741	9333331	10666663
9	1217720	2	18	50	1316	1927	0	10967535	10666664	11999996

Total number of pulses in waveform = 12



Type 5 Radar Waveform_11

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	505819	3	19	55	1408	1470	1947	505819	0	705881
2	622100	1	19	55	1756	0	0	1132744	705882	1411763
3	330451	2	19	80	1523	1068	0	1464951	1411764	2117645
4	935175	1	19	55	1354	0	0	2402717	2117646	2823527
5	961458	2	19	60	1029	1328	0	3365529	2823528	3529409
6	761337	2	19	60	1708	1693	0	4129223	3529410	4235291
7	729391	2	19	50	1130	1115	0	4862015	4235292	4941173
8	115087	1	19	75	1860	0	0	4979347	4941174	5647055
9	978802	1	19	75	1897	0	0	5960009	5647056	6352937
10	808902	1	19	75	1105	0	0	6770808	6352938	7058819
11	824248	1	19	70	1889	0	0	7596161	7058820	7764701
12	854707	2	19	95	1451	1724	0	8452757	7764702	8470583
13	428796	2	19	90	1788	1513	0	8884728	8470584	9176465
14	713022	2	19	65	1656	1771	0	9601051	9176466	9882347
15	326088	1	19	75	1602	0	0	9930566	9882348	10588229
16	676517	3	19	95	1755	1279	1223	10608685	10588230	11294111
17	1124058	1	19	100	1500	0	0	11737000	11294112	11999993

Total number of pulses in waveform = 28

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	456444	2	10	70	1310	1874	0	456444	0	857142
2	1133169	1	10	50	1050	0	0	1592797	857143	1714285
3	543112	3	10	60	1333	1498	1890	2136959	1714286	2571428
4	691963	1	10	100	1872	0	0	2833643	2571429	3428571
5	1385244	2	10	95	1190	1332	0	4220759	3428572	4285714
6	106720	2	10	60	1783	1485	0	4330001	4285715	5142857
7	1387452	1	10	90	1139	0	0	5720721	5142858	6000000
8	909920	1	10	60	1843	0	0	6631780	6000001	6857143
9	561327	1	10	70	1223	0	0	7194950	6857144	7714286
10	569204	2	10	90	1402	1919	0	7765377	7714287	8571429
11	997423	3	10	60	1466	1026	1715	8766121	8571430	9428572
12	960558	3	10	70	1183	1098	1889	9730886	9428573	10285715
13	1177353	1	10	100	1166	0	0	10912409	10285716	11142858
14	293162	2	10	85	1172	1876	0	11206737	11142859	12000001

Total number of pulses in waveform = 25

Type 5 Radar Waveform_13

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	76004	1	5	80	1984	0	0	76004	0	631578
2	844781	2	5	50	1916	1947	0	922769	631579	1263157
3	364933	2	5	70	1094	1811	0	1291565	1263158	1894736
4	1112456	1	5	100	1894	0	0	2406926	1894737	2526315
5	518417	1	5	65	1144	0	0	2927237	2526316	3157894
6	819745	3	5	85	1410	1580	1589	3748126	3157895	3789473
7	251710	3	5	55	1907	1428	1843	4004415	3789474	4421052
8	1038711	2	5	95	1330	1777	0	5048304	4421053	5052631
9	621377	1	5	80	1535	0	0	5672788	5052632	5684210
10	308835	1	5	70	1073	0	0	5983158	5684211	6315789
11	631922	3	5	90	1039	1076	1817	6616153	6315790	6947368
12	425636	2	5	50	1637	1008	0	7045721	6947369	7578947
13	635907	1	5	70	1359	0	0	7684273	7578948	8210526
14	786027	2	5	55	1072	1115	0	8471659	8210527	8842105
15	689278	1	5	95	1231	0	0	9163124	8842106	9473684
16	797288	3	5	60	1588	1498	1541	9961643	9473685	10105263
17	575209	3	5	80	1967	1202	1967	10541479	10105264	10736842
18	281429	1	5	80	1963	0	0	10828044	10736843	11368421
19	1150072	2	5	60	1160	1369	0	11980079	11368422	12000000

Total number of pulses in waveform = 35



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	497536	3	12	100	1463	1503	1002	497536	0	599999
2	429975	3	12	90	1790	1731	1259	931479	600000	1199999
3	812215	1	12	85	1214	0	0	1748474	1200000	1799999
4	316109	1	12	100	1349	0	0	2065797	1800000	2399999
5	436097	3	12	95	1826	1329	1291	2503243	2400000	2999999
6	780707	2	12	50	1505	1372	0	3288396	3000000	3599999
7	499115	3	12	60	1063	1021	1926	3790388	3600000	4199999
8	759331	2	12	90	1856	1775	0	4553729	4200000	4799999
9	810347	2	12	100	1623	1209	0	5367707	4800000	5399999
10	368368	3	12	50	1342	1421	1087	5738907	5400000	5999999
11	713466	1	12	100	1268	0	0	6466223	6000000	6599999
12	175749	1	12	80	1683	0	0	6633240	6600000	7199999
13	653800	3	12	60	1921	1719	1282	7288723	7200000	7799999
14	686952	2	12	95	1679	1464	0	7980597	7800000	8399999
15	857576	2	12	75	1577	1355	0	8841316	8400000	8999999
16	268428	1	12	100	1878	0	0	9112676	9000000	9599999
17	894454	3	12	85	1763	1627	1748	10009008	9600000	10199999
18	635067	2	12	90	1621	1391	0	10649213	10200000	10799999
19	537729	3	12	70	1798	1361	1225	11189954	10800000	11399999
20	555629	1	12	65	1963	0	0	11749967	11400000	11999999

Total number of pulses in waveform = 42

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	957193	1	8	65	1795	0	0	957193	0	1199999
2	1209276	2	8	70	1612	1125	0	2168264	1200000	2399999
3	429249	3	8	60	1913	1533	1528	2600250	2400000	3599999
4	1864905	3	8	85	1427	1935	1050	4470129	3600000	4799999
5	1437267	3	8	75	1715	1045	1612	5911808	4800000	5999999
6	279119	3	8	55	1791	1071	1835	6195299	6000000	7199999
7	2129115	1	8	55	1049	0	0	8329111	7200000	8399999
8	743052	2	8	50	1535	1626	0	9073212	8400000	9599999
9	1261794	2	8	60	1799	1283	0	10338167	9600000	10799999
10	868734	1	8	95	1445	0	0	11209983	10800000	11999999

Total number of pulses in waveform = 21

Type 5 Radar Waveform_16

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	713777	1	6	90	1572	0	0	713777	0	999999
2	540022	2	6	50	1165	1106	0	1255371	1000000	1999999
3	1040588	1	6	100	1529	0	0	2298230	2000000	2999999
4	1622157	1	6	65	1146	0	0	3921916	3000000	3999999
5	863520	1	6	50	1554	0	0	4786582	4000000	4999999
6	1077624	2	6	55	1095	1890	0	5865760	5000000	5999999
7	1124567	2	6	50	1965	1710	0	6993312	6000000	6999999
8	383424	3	6	55	1045	1161	1446	7380411	7000000	7999999
9	733257	1	6	85	1366	0	0	8117320	8000000	8999999
10	938176	3	6	60	1704	1638	1409	9056862	9000000	9999999
11	1127192	1	6	50	1320	0	0	10188805	10000000	10999999
12	1160288	2	6	50	1039	1102	0	11350413	11000000	11999999

Total number of pulses in waveform = 20



Type 5 Radar Waveform_17

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	643720	3	18	70	1530	1667	1296	643720	0	666666
2	69038	1	18	90	1640	0	0	717251	666667	1333333
3	1105654	3	18	80	1052	1937	1722	1824545	1333334	2000000
4	286921	2	18	80	1930	1390	0	2116177	2000001	2666667
5	743496	3	18	90	1469	1864	1855	2862993	2666668	3333334
6	656330	3	18	55	1214	1866	1947	3524511	3333335	4000001
7	639185	2	18	80	1998	1984	0	4168723	4000002	4666668
8	528678	1	18	80	1606	0	0	4701383	4666669	5333335
9	866030	3	18	85	1856	1164	1007	5569019	5333336	6000002
10	859808	1	18	60	1851	0	0	6432854	6000003	6666669
11	407164	3	18	55	1364	1764	1582	6841869	6666670	7333336
12	906365	1	18	100	1615	0	0	7752944	7333337	8000003
13	248084	3	18	50	1747	1979	1594	8002643	8000004	8666670
14	768268	2	18	85	1464	1236	0	8776231	8666671	9333337
15	587676	2	18	75	1377	1782	0	9366807	9333338	10000004
16	872387	1	18	85	1744	0	0	10242153	10000005	10666671
17	523262	2	18	75	1215	1767	0	10767159	10666672	11333338
18	608688	1	18	55	1338	0	0	11378829	11333339	12000005

Total number of pulses in waveform = 37

Type 5 Radar Waveform_18

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	266187	3	9	80	1060	1764	1194	266187	0	1090908
2	1507422	1	9	55	1570	0	0	1777617	1090909	2181817
3	1385633	1	9	75	1867	0	0	3164820	2181818	3272726
4	387728	3	9	75	1930	1549	1530	3554415	3272727	4363635
5	813250	2	9	80	1719	1046	0	4372674	4363636	5454544
6	1566291	1	9	80	1594	0	0	5941730	5454545	6545453
7	981765	1	9	85	1423	0	0	6925089	6545454	7636362
8	1334042	3	9	55	1310	1988	1039	8260554	7636363	8727271
9	1082214	1	9	65	1125	0	0	9347105	8727272	9818180
10	1027761	1	9	60	1573	0	0	10375991	9818181	10909089
11	1173546	1	9	55	1859	0	0	11551110	10909090	11999998

Total number of pulses in waveform = 18

Type 5 Radar Waveform_19

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	717338	2	17	95	1572	1032	0	717338	0	1499999
2	1078664	2	17	50	1877	1768	0	1798606	1500000	2999999
3	1499025	3	17	90	1375	1856	1058	3301276	3000000	4499999
4	1673615	2	17	85	1751	1593	0	4979180	4500000	5999999
5	1393645	3	17	70	1587	1358	1579	6376169	6000000	7499999
6	2509006	2	17	80	1102	1161	0	8889699	7500000	8999999
7	578980	2	17	55	1707	1670	0	9470942	9000000	10499999
8	1597245	3	17	50	1113	1831	1567	11071564	10500000	11999999

Total number of pulses in waveform = 19



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	504180	2	14	95	1947	1774	0	504180	0	599999
2	157527	3	14	100	1000	1909	1923	665428	600000	1199999
3	1124095	2	14	80	1747	1829	0	1794355	1200000	1799999
4	536048	2	14	90	1919	1735	0	2333979	1800000	2399999
5	645792	1	14	95	1933	0	0	2983425	2400000	2999999
6	254284	1	14	60	1175	0	0	3239642	3000000	3599999
7	379598	3	14	50	1947	1151	1143	3620415	3600000	4199999
8	1092684	3	14	55	1687	1425	1896	4717340	4200000	4799999
9	503911	2	14	80	1753	1076	0	5226259	4800000	5399999
10	417785	1	14	90	1991	0	0	5646873	5400000	5999999
11	561519	2	14	60	1219	1738	0	6210383	6000000	6599999
12	817944	3	14	75	1569	1193	1852	7031284	6600000	7199999
13	406047	1	14	50	1981	0	0	7441945	7200000	7799999
14	744470	1	14	60	1660	0	0	8188396	7800000	8399999
15	538708	1	14	70	1606	0	0	8728764	8400000	8999999
16	370075	3	14	65	1642	1078	1262	9100445	9000000	9599999
17	843737	1	14	75	1779	0	0	9948164	9600000	10199999
18	651381	3	14	70	1839	1693	1547	10601324	10200000	10799999
19	710268	2	44	55	1260	1143	0	11316671	10800000	11399999
20	234953	1	14	100	1558	0	0	11554027	11400000	11999999

Total number of pulses in waveform = 38

Type 5 Radar Waveform_21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	623509	1	18	50	1482	0	0	623509	0	749999
2	287370	2	18	75	1425	1682	0	912361	750000	1499999
3	1262045	1	18	95	1576	0	0	2177513	1500000	2249999
4	498766	3	18	100	1750	1384	1642	2677855	2250000	2999999
5	644568	1	18	75	1780	0	0	3327199	3000000	3749999
6	697351	2	18	70	1095	1036	0	4026330	3750000	4499999
7	909063	1	18	80	1967	0	0	4937524	4500000	5249999
8	772893	1	18	70	1906	0	0	5712384	5250000	5999999
9	822778	2	18	60	1038	1229	0	6537068	6000000	6749999
10	826527	1	18	55	1487	0	0	7365862	6750000	7499999
11	663128	3	18	65	1678	1423	1612	8030477	7500000	8249999
12	655657	2	18	60	1578	1713	0	8690847	8250000	8999999
13	625294	3	18	50	1465	1697	1571	9319432	9000000	9749999
14	1018711	3	18	100	1451	1705	1217	10342876	9750000	10499999
15	574278	3	18	90	1002	1308	1445	10921527	10500000	11249999
16	1012250	2	18	55	1571	1220	0	11937532	11250000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_22

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	301604	3	10	95	1750	1444	1469	301604	0	599999
2	426599	3	10	50	1426	1628	1584	732866	600000	1199999
3	560284	1	10	80	1968	0	0	1297788	1200000	1799999
4	768988	1	10	70	1416	0	0	2068744	1800000	2399999
5	632019	2	10	80	1003	1808	0	2702179	2400000	2999999
6	591803	2	10	85	1005	1201	0	3296793	3000000	3599999
7	841607	3	10	55	1949	1774	1949	4140606	3600000	4199999
8	163468	1	10	65	1707	0	0	4309746	4200000	4799999
9	900908	3	10	80	1141	1408	1159	5212361	4800000	5399999
10	660876	2	10	60	1621	1634	0	5876945	5400000	5999999
11	339224	3	10	70	1655	1988	1260	6219424	6000000	6599999
12	653625	1	10	60	1295	0	0	6877842	6600000	7199999
13	379247	3	10	80	1388	1502	1314	7258384	7200000	7799999
14	855035	1	10	60	1792	0	0	8117623	7800000	8399999
15	580394	2	10	60	1578	1477	0	8699809	8400000	8999999
16	380230	3	10	95	1613	1040	1688	9083094	9000000	9599999
17	581764	1	10	85	1124	0	0	9669199	9600000	10199999
18	893333	1	10	95	1430	0	0	10563656	10200000	10799999
19	346778	3	10	80	1290	1490	1078	10911864	10800000	11399999
20	801066	3	10	95	1175	1318	1456	11716788	11400000	11999999

Total number of pulses in waveform = 42



Type 5 Radar Waveform_23

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	318244	3	5	55	1654	1580	1263	318244	0	1199999
2	1004702	3	5	65	1202	1989	1187	1327443	1200000	2399999
3	1571722	1	5	100	1910	0	0	2903543	2400000	3599999
4	1454545	3	5	50	1479	1186	1262	4359998	3600000	4799999
5	1220312	1	5	60	1114	0	0	5584237	4800000	5999999
6	420519	1	5	80	1483	0	0	6005870	6000000	7199999
7	1720275	1	5	70	1774	0	0	7727628	7200000	8399999
8	1545287	1	5	60	1042	0	0	9274689	8400000	9599999
9	532485	3	5	95	1752	1858	1591	9808216	9600000	10799999
10	1576884	1	5	100	1028	0	0	11390301	10800000	11999999

Total number of pulses in waveform = 18

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	1345642	3	19	75	1533	1718	1587	1345642	0	1499999
2	1597294	2	19	85	1382	1475	0	2947774	1500000	2999999
3	1180261	1	19	95	1510	0	0	4130892	3000000	4499999
4	1701822	2	19	100	1203	1100	0	5834224	4500000	5999999
5	289588	3	19	50	1726	1098	1067	6126115	6000000	7499999
6	2121260	3	19	100	1285	1035	1979	8251266	7500000	8999999
7	1927968	1	19	95	1697	0	0	10183533	9000000	10499999
8	1583578	2	19	70	1920	1897	0	11768808	10500000	11999999

Total number of pulses in waveform = 17

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	404514	3	14	55	1344	1828	1752	404514	0	749999
2	784287	2	14	95	1361	1673	0	1193725	750000	1499999
3	833279	3	14	100	1462	1336	1076	2030038	1500000	2249999
4	344576	2	14	85	1027	1441	0	2378488	2250000	2999999
5	1171842	3	14	65	1629	1159	1326	3552798	3000000	3749999
6	449134	1	14	85	1077	0	0	4006046	3750000	4499999
7	990395	3	14	100	1132	1473	1659	4997518	4500000	5249999
8	631485	2	14	65	1142	1227	0	5703712	5250000	5999999
9	787936	2	14	95	1114	1858	0	6337566	6000000	6749999
10	596311	2	14	85	1842	1154	0	7128474	6750000	7499999
11	1120222	2	14	100	1954	1749	0	7727781	7500000	8249999
12	151126	1	14	75	1926	0	0	8851706	8250000	8999999
13	795978	2	14	70	1385	1244	0	9004758	9000000	9749999
14	738455	3	14	60	1192	1929	1512	9803365	9750000	10499999
15	1347300	2	14	50	1485	1575	0	10546453	10500000	11249999
16		3	14	100	1653	1814	1500	11896813	11250000	11999999

Total number of pulses in waveform = 36



Type 5 Radar Waveform_26

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	62356	1	6	50	1482	0	0	62356	0	631578
2	943153	1	6	100	1556	0	0	1006991	631579	1263157
3	521409	1	6	95	1010	0	0	1529956	1263158	1894736
4	716845	3	6	60	1993	1716	1031	2247811	1894737	2526315
5	381609	3	6	70	1986	1912	1790	2634160	2526316	3157894
6	873708	1	6	85	1486	0	0	3513496	3157895	3789473
7	745843	2	6	65	1832	1431	0	4260825	3789474	4421052
8	614894	1	6	100	1079	0	0	4878982	4421053	5052631
9	641447	2	6	100	1583	1856	0	5521508	5052632	5684210
10	771544	2	6	65	1199	1456	0	6296491	5684211	6315789
11	134686	2	6	65	1847	1512	0	6433832	6315790	6947368
12	650351	2	6	90	1953	1577	0	7087542	6947369	7578947
13	885313	2	6	70	1509	1069	0	7976385	7578948	8210526
14	768715	2	6	100	1986	1046	0	8747678	8210527	8842105
15	555238	2	6	80	1046	1538	0	9305948	8842106	9473684
16	473393	2	6	60	1439	1386	0	9781925	9473685	10105263
17	848018	1	6	50	1631	0	0	10632768	10105264	10736842
18	311520	2	6	85	1023	1045	0	10945919	10736843	11368421
19	1044416	1	6	90	1170	0	0	11992403	11368422	12000000

Total number of pulses in waveform = 33

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	507898	2	17	55	1130	1136	0	507898	0	666666
2	492713	3	17	55	1752	1042	1113	1002877	666667	1333333
3	725950	1	17	95	1545	0	0	1732734	1333334	2000000
4	298544	3	17	100	1458	1306	1920	2032823	2000001	2666667
5	689078	2	17	95	1235	1831	0	2726585	2666668	3333334
6	624038	2	17	65	1311	1205	0	3353689	3333335	4000001
7	872104	3	17	95	1232	1568	1445	4228309	4000002	4666668
8	831563	2	17	80	1991	1332	0	5064117	4666669	5333335
9	526224	3	17	90	1421	1616	1396	5593664	5333336	6000002
10	571477	1	17	90	1287	0	0	6169574	6000003	6666669
11	770424	1	17	70	1597	0	0	6941285	6666670	7333336
12	482799	3	17	85	1574	1446	1474	7425681	7333337	8000003
13	929521	3	17	95	1269	1759	1407	8359696	8000004	8666670
14	874934	2	17	100	1767	1821	0	9239065	8666671	9333337
15	318154	1	17	55	1864	0	0	9560807	9333338	10000004
16	578177	3	17	60	1737	1630	1094	10140848	10000005	10666671
17	795794	2	17	75	1645	1517	0	10941103	10666672	11333338
18	559203	3	17	65	1663	1342	1174	11503468	11333339	12000005

Total number of pulses in waveform = 40

Type 5 Radar Waveform_28

Num of Bursts = 15

Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	74933	2	8	65	1802	1709	0	74933	0	799999
2	1028979	1	8	80	1575	0	0	1107423	800000	1599999
3	1185546	3	8	95	1507	1536	1103	2294544	1600000	2399999
4	359669	3	8	65	1408	1187	1395	2658359	2400000	3199999
5	784242	1	8	75	1571	0	0	3446591	3200000	3999999
6	591711	3	8	50	1266	1341	1502	4039873	4000000	4799999
7	1291583	3	8	85	1631	1785	1118	5335565	4800000	5599999
8	369921	2	8	100	1393	1940	0	5710020	5600000	6399999
9	1040007	3	8	65	1132	1596	1429	6753360	6400000	7199999
10	546741	1	8	70	1754	0	0	7304258	7200000	7999999
11	811104	1	8	100	1430	0	0	8117116	8000000	8799999
12	1387211	1	8	90	1352	0	0	9505757	8800000	9599999
13	759154	3	8	95	1698	1956	1053	10266263	9600000	10399999
14	620664	1	8	65	1052	0	0	10891634	10400000	11199999
15	1074258	3	8	50	1595	1417	1965	11966944	11200000	11999999

Total number of pulses in waveform = 31



Type 5 Radar Waveform_29

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	193237	1	9	95	1350	0	0	193237	0	666666
2	1020989	2	9	100	1543	1590	0	1215576	666667	1333333
3	307648	3	9	50	1317	1736	1358	1526357	1333334	2000000
4	897339	3	9	80	1549	1723	1664	2428107	2000001	2666667
5	629943	3	9	95	1871	1896	1297	3062986	2666668	3333334
6	548075	2	9	75	1039	1756	0	3616125	3333335	4000001
7	854470	2	9	100	1703	1191	0	4473390	4000002	4666668
8	454007	2	9	65	1527	1988	0	4930291	4666669	5333335
9	636468	2	9	55	1242	1067	0	5570274	5333336	6000002
10	851821	2	9	70	1029	1318	0	6424404	6000003	6666669
11	439656	3	9	60	1147	1207	1119	6866407	6666670	7333336
12	868599	2	9	50	1929	1549	0	7738479	7333337	8000003
13	365727	2	9	75	1684	1219	0	8107684	8000004	8666670
14	1027937	1	9	55	1935	0	0	9138524	8666671	9333337
15	478049	2	9	100	1161	1718	0	9618508	9333338	10000004
16	1000877	2	9	100	1429	1378	0	10622264	10000005	10666671
17	65368	3	9	50	1994	1292	1244	10690439	10666672	11333338
18	1020198	1	9	95	1457	0	0	11715167	11333339	12000005

Total number of pulses in waveform = 38

Type 5 Radar Waveform_30

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	217948	1	12	80	1329	0	0	217948	0	923076
2	709286	1	12	90	1174	0	0	928563	923077	1846153
3	1714205	1	12	95	1236	0	0	2643942	1846154	2769230
4	230474	1	12	55	1685	0	0	2875652	2769231	3692307
5	1026286	2	12	90	1804	1706	0	3903623	3692308	4615384
6	1031275	1	12	80	1199	0	0	4938408	4615385	5538461
7	640445	3	12	80	1784	1457	1714	5580052	5538462	6461538
8	1115142	3	12	100	1418	1948	1871	6700149	6461539	7384615
9	1395675	2	12	85	1699	1719	0	8101061	7384616	8307692
10	415841	3	12	80	1969	1176	1979	8520320	8307693	9230769
11	722095	3	12	100	1762	1853	1595	9247539	9230770	10153846
12	1812602	3	12	65	1235	1148	1623	11065351	10153847	11076923
13	162074	1	12	80	1375	0	0	11231431	11076924	12000000

Total number of pulses in waveform = 25

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	5292.7	1	16	5320.5	1
2	5326.3	1	17	5296.2	1
3	5310.0	1	18	5301.1	1
4	5302.5	1	19	5319.4	1
5	5297.3	1	20	5312.4	1
6	5310.0	1	21	5303.9	1
7	5300.4	1	22	5321.3	1
8	5292.0	1	23	5324.6	1
9	5314.3	1	24	5298.8	1
10	5317.1	1	25	5304.6	1
11	5294.5	1	26	5315.6	1
12	5328.6	1	27	5299.5	1
13	5323.3	1	28	5316.8	1
14	5295.8	1	29	5329.0	1
15	5322.4	1	30	5306.5	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5312	30	15	5313	45
18	5298	54	17	5323	51
30	5319	90	31	5327	93
33	5316	99	38	5285	114
35	5291	105	57	5282	171
43	5282	129	66	5287	198
45	5333	135	68	5337	204
50	5339	150	71	5317	213
63	5303	189	82	5334	246
64	5287	192	84	5284	252
78	5332	234	94	5321	282
85	5288	255	--	--	--
97	5315	291	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5339	0	0	5333	0
2	5292	6	9	5326	27
3	5290	9	22	5332	66
18	5316	54	24	5298	72
25	5332	75	35	5321	105
27	5281	81	40	5286	120
31	5295	93	46	5331	138
37	5317	111	55	5327	165
39	5291	117	64	5288	192
41	5301	123	74	5297	222
42	5320	126	86	5294	258
54	5283	162	91	5330	273
57	5310	171	--	--	--
60	5280	180	--	--	--
69	5335	207	--	--	--
74	5340	222	--	--	--
92	5311	276	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5302	15	0	5325	0
21	5332	63	4	5340	12
22	5328	66	5	5312	15
26	5330	78	6	5339	18
28	5298	84	13	5326	39
30	5281	90	23	5289	69
39	5287	117	33	5292	99
49	5296	147	52	5328	156
59	5286	177	56	5313	168
61	5285	183	62	5322	186
67	5292	201	70	5323	210
88	5293	264	72	5305	216
97	5307	291	89	5285	267

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5316	42	1	5297	3
24	5308	72	24	5314	72
35	5292	105	31	5292	93
40	5317	120	43	5332	129
41	5322	123	45	5307	135
44	5339	132	65	5325	195
45	5311	135	68	5334	204
69	5289	207	77	5317	231
81	5296	243	79	5310	237
92	5281	276	88	5281	264

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5318	18	1	5313	3
15	5287	45	28	5305	84
17	5289	51	49	5291	147
23	5323	69	55	5336	165
34	5304	102	60	5316	180
39	5303	117	69	5285	207
43	5281	129	73	5333	219
46	5299	138	74	5283	222
47	5335	141	--	--	--
49	5293	147	--	--	--
61	5325	183	--	--	--
63	5306	189	--	--	--
66	5298	198	--	--	--
67	5286	201	--	--	--
70	5305	210	--	--	--
74	5291	222	--	--	--
82	5308	246	--	--	--
95	5283	285	--	--	--
97	5301	291	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5318	0	8	5334	24
1	5298	3	11	5283	33
12	5296	36	16	5289	48
15	5292	45	36	5316	108
24	5284	72	37	5323	111
37	5287	111	38	5284	114
41	5301	123	42	5281	126
53	5313	159	43	5329	129
61	5324	183	50	5303	150
62	5308	186	58	5314	174
63	5323	189	60	5290	180
71	5315	213	67	5295	201
74	5283	222	69	5322	207
75	5316	225	89	5332	267
82	5294	246	91	5302	273
86	5285	258	--	--	--
99	5297	297	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5299	21	0	5312	0
35	5339	105	9	5290	27
45	5295	135	12	5327	36
48	5302	144	14	5309	42
49	5297	147	26	5329	78
54	5293	162	39	5295	117
55	5291	165	63	5317	189
84	5323	252	64	5306	192
89	5308	267	65	5281	195
--	--	--	73	5300	219
--	--	--	82	5338	246
--	--	--	96	5333	288

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5331	24	11	5284	33
19	5291	57	15	5307	45
23	5303	69	18	5339	54
29	5315	87	20	5313	60
31	5286	93	26	5295	78
36	5310	108	37	5286	111
42	5336	126	41	5314	123
43	5305	129	42	5335	126
44	5289	132	52	5324	156
53	5337	159	58	5319	174
69	5322	207	80	5334	240
78	5306	234	82	5312	246
94	5282	282	88	5301	264
--	--	--	89	5330	267
--	--	--	99	5331	297

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5322	30	0	5323	0
26	5293	78	4	5339	12
29	5327	87	12	5283	36
40	5326	120	18	5322	54
41	5292	123	25	5310	75
49	5331	147	29	5319	87
50	5337	150	32	5292	96
58	5338	174	37	5288	111
59	5318	177	49	5312	147
66	5299	198	54	5298	162
76	5312	228	77	5299	231
93	5303	279	80	5326	240
98	5286	294	85	5293	255
--	--	--	87	5317	261
--	--	--	88	5314	264

--	--	--	95	5291	285
Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5320	9	6	5313	18
13	5313	39	24	5303	72
15	5293	45	43	5295	129
22	5322	66	47	5310	141
24	5312	72	54	5297	162
50	5280	150	61	5298	183
54	5295	162	62	5283	186
74	5306	222	67	5302	201
94	5282	282	68	5309	204
95	5335	285	71	5322	213
--	--	--	91	5325	273

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5309	24	17	5280	51
15	5332	45	32	5304	96
28	5335	84	36	5306	108
29	5296	87	41	5339	123
32	5331	96	42	5313	126
36	5290	108	48	5282	144
63	5295	189	52	5329	156
71	5282	213	53	5290	159
74	5328	222	67	5334	201
80	5315	240	80	5318	240
82	5285	246	88	5316	264
83	5306	249	--	--	--
85	5324	255	--	--	--
95	5321	285	--	--	--
96	5334	288	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5321	15	1	5287	3
21	5331	63	14	5309	42
27	5307	81	23	5322	69
33	5292	99	26	5301	78
35	5336	105	28	5294	84
40	5326	120	59	5283	177
46	5286	138	61	5282	183
50	5285	150	68	5321	204
67	5318	201	79	5304	237
68	5299	204	87	5303	261
73	5290	219	92	5310	276
78	5309	234	96	5288	288
83	5339	249	--	--	--
87	5308	261	--	--	--
92	5282	276	--	--	--
94	5296	282	--	--	--
96	5284	288	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5329	18	5	5302	15
7	5322	21	6	5322	18
10	5312	30	17	5306	51
11	5281	33	21	5320	63
15	5310	45	29	5314	87
19	5309	57	36	5327	108
24	5338	72	40	5280	120
36	5304	108	48	5287	144
37	5298	111	51	5301	153
39	5311	117	63	5323	189
44	5293	132	90	5291	270
45	5286	135	96	5304	288
56	5296	168	--	--	--
65	5284	195	--	--	--
76	5335	228	--	--	--
80	5306	240	--	--	--
87	5305	261	--	--	--
88	5301	264	--	--	--
93	5283	279	--	--	--
96	5292	288	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5330	9	0	5313	0
5	5310	15	5	5302	15
25	5326	75	16	5316	48
33	5283	99	21	5321	63
34	5285	102	24	5309	72
37	5295	111	25	5335	75
49	5287	147	29	5323	87
80	5318	240	39	5329	117
81	5339	243	44	5308	132
82	5317	246	52	5310	156
88	5337	264	55	5281	165
90	5320	270	66	5317	198
--	--	--	82	5320	246
--	--	--	92	5288	276
--	--	--	93	5318	279

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5327	9	8	5319	24
7	5282	21	10	5311	30
16	5308	48	11	5309	33
18	5331	54	35	5294	105
26	5303	78	73	5284	219
36	5330	108	81	5312	243
54	5286	162	87	5297	261
56	5290	168	92	5288	276
59	5325	177	--	--	--
64	5306	192	--	--	--
65	5319	195	--	--	--
82	5304	246	--	--	--
88	5280	264	--	--	--
93	5297	279	--	--	--
98	5333	294	--	--	--

Radar Statistical Performance for 802.11ac-VHT80

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5269.0	1	798	67	1
2	5295.6	1	698	76	1
3	5288.9	1	518	102	1
4	5271.7	1	878	61	1
5	5325.5	1	638	83	1
6	5251.0	1	738	72	1
7	5322.8	1	718	74	1
8	5290.0	1	938	57	1
9	5266.4	1	918	58	1
10	5292.6	1	658	81	1
11	5274.2	1	3066	18	1
12	5299.2	1	818	65	1
13	5253.7	1	598	89	1
14	5302.5	1	538	99	1
15	5277.3	1	898	59	1
16	5264.1	1	1949	28	1
17	5305.8	1	1616	33	1
18	5261.5	1	2572	21	1
19	5290.0	1	908	59	1
20	5280.4	1	1215	44	1
21	5319.3	1	1377	39	1
22	5309.2	1	699	76	1
23	5256.3	1	2325	23	1
24	5328.3	1	2938	18	1
25	5329.0	1	711	75	1
26	5283.2	1	677	78	1
27	5312.7	1	973	55	1
28	5286.6	1	1275	42	1
29	5315.7	1	2813	19	1
30	5258.9	1	1096	49	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	5268.6	2.9	193	29	1
2	5290.0	4.0	201	25	1
3	5265.7	1.1	213	24	0
4	5290.0	3.5	165	25	1
5	5287.8	2.3	191	24	1
6	5301.9	2.5	173	25	1
7	5263.5	2.9	160	29	1
8	5324.9	4.0	188	25	1
9	5270.3	3.4	228	28	1
10	5291.4	5.0	204	26	0
11	5251.0	4.2	182	25	1
12	5321.5	2.4	172	27	1
13	5298.4	3.0	179	29	1
14	5273.7	4.3	163	27	1
15	5304.2	1.7	214	24	1
16	5285.6	3.4	198	25	1
17	5252.5	4.9	230	29	1
18	5294.8	1.1	156	29	1
19	5327.2	2.3	225	28	1
20	5260.3	1.4	203	24	1
21	5318.6	4.3	161	23	1
22	5308.7	3.4	206	29	1
23	5276.3	1.4	210	27	1
24	5329.0	1.2	225	28	0
25	5282.5	2.2	212	27	1
26	5255.2	3.8	221	28	1
27	5311.4	4.1	224	25	1
28	5279.4	2.5	164	24	1
29	5314.5	1.3	190	29	1
30	5257.5	2.1	213	28	1
Detection Percentage (%)					90.0%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5259.2	6.0	312	18	1
2	5299.5	6.1	357	17	1
3	5284.5	6.3	297	17	1
4	5297.3	9.8	469	16	1
5	5254.5	9.6	424	16	1
6	5320.3	6.4	442	17	1
7	5281.4	6.2	315	16	1
8	5262.6	8.0	332	16	1
9	5329.0	6.0	498	18	1
10	5293.7	9.5	414	16	1
11	5251.0	6.7	306	16	1
12	5319.3	8.7	373	17	1
13	5289.1	6.4	471	17	1
14	5267.7	8.5	337	18	1
15	5303.4	7.3	276	16	0
16	5290.0	6.1	263	16	1
17	5252.4	6.7	306	17	1
18	5306.2	9.2	398	17	1
19	5307.6	6.4	500	17	1
20	5278.3	8.7	431	17	1
21	5316.3	6.6	281	16	1
22	5296.2	9.1	307	18	1
23	5310.4	8.7	390	18	1
24	5266.4	7.5	434	18	1
25	5323.6	7.2	338	16	1
26	5290.0	9.3	318	18	1
27	5275.3	7.9	423	17	1
28	5326.8	7.4	495	16	1
29	5313.5	7.5	276	18	1
30	5272.6	7.0	461	17	1
Detection Percentage (%)					96.7%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5268.6	15.3	451	14	0
2	5311.4	12.7	414	13	1
3	5291.4	19.5	290	12	1
4	5270.3	12.4	484	13	1
5	5329.0	11.1	265	16	1
6	5251.0	16.1	273	12	1
7	5308.7	15.8	494	15	1
8	5265.7	18.0	416	12	1
9	5314.5	19.1	292	12	1
10	5290.0	16.8	492	16	1
11	5273.7	15.0	296	16	1
12	5304.2	17.8	348	15	1
13	5252.5	19.4	484	16	1
14	5290.0	16.7	287	15	1
15	5263.5	17.6	436	16	0
16	5301.9	16.4	258	12	1
17	5255.2	16.8	479	14	1
18	5294.8	14.7	331	13	1
19	5279.4	17.2	300	12	1
20	5318.6	11.9	315	16	1
21	5276.3	13.3	355	14	0
22	5282.5	16.1	283	16	1
23	5327.2	14.1	252	12	1
24	5257.5	16.4	465	15	1
25	5321.5	11.5	385	13	1
26	5285.6	14.4	498	12	1
27	5298.4	15.4	309	13	1
28	5287.8	15.1	353	13	0
29	5260.3	11.4	362	16	1
30	5324.9	17.0	448	14	1
Detection Percentage (%)					86.7%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 90.0\% + 96.7\% + 86.7\%) / 4 = 93.3\% (>80\%)$

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5255.6	1	16	5290.0	1
2	5256.8	1	17	5290.0	1
3	5259.2	1	18	5290.0	1
4	5254.4	1	19	5290.0	1
5	5258.8	1	20	5290.0	1
6	5254.0	1	21	5324.8	1
7	5259.6	1	22	5321.2	1
8	5257.6	1	23	5324.0	1
9	5255.2	1	24	5326.0	1
10	5256.0	1	25	5320.8	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	5323.2	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1										
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	311260	2	9	55	1530	1455	0	311260	0	705881
2	1070456	2	9	95	1010	1627	0	1384701	705882	1411763
3	121713	1	9	55	1588	0	0	1509051	1411764	2117645
4	649345	2	9	50	1059	1089	0	2159984	2117646	2823527
5	991742	2	9	90	1039	1613	0	3153874	2823528	3529409
6	564412	1	9	80	1283	0	0	3720938	3529410	4235291
7	984824	3	9	90	1514	1224	1594	4707045	4235292	4941173
8	603758	3	9	95	1266	1774	1596	5315135	4941174	5647055
9	839609	1	9	90	1265	0	0	6159380	5647056	6352937
10	490726	1	9	55	1211	0	0	6651371	6352938	7058819
11	569626	3	9	90	1392	1397	1158	7222208	7058820	7764701
12	977505	3	9	50	1393	1839	1566	8203660	7764702	8470583
13	482894	2	9	100	1893	1516	0	8691352	8470584	9176465
14	973736	1	9	50	1842	0	0	9668497	9176466	9882347
15	907833	2	9	70	1657	1726	0	10578172	9882348	10588229
16	257858	3	9	75	1321	1137	1912	10839413	10588230	11294111
17	588910	2	9	95	1350	1766	0	11432693	11294112	11999993
Total number of pulses in waveform = 34 *****										

Type 5 Radar Waveform_2

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	470085	3	12	95	1928	1873	1546	470085	0	1090908
2	1173701	3	12	80	1620	1557	1517	1649133	1090909	2181817
3	875967	2	12	100	1206	1805	0	2529794	2181818	3272726
4	1569800	3	12	50	1569	1092	1704	4102605	3272727	4363635
5	372533	2	12	55	1075	1318	0	4479503	4363636	5454544
6	1189127	2	12	55	1501	1977	0	5671023	5454545	6545453
7	1515619	1	12	65	1020	0	0	7190120	6545454	7636362
8	538517	3	12	60	1468	1473	1830	7729657	7636363	8727271
9	1630750	1	12	90	1556	0	0	9365178	8727272	9818180
10	766253	3	12	75	1367	1118	1619	10132987	9818181	10909089
11	1357612	2	12	65	1529	1942	0	11494703	10909090	11999998

Total number of pulses in waveform = 25

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	930971	2	18	80	1868	1062	0	930971	0	1333332
2	1346875	2	18	90	1253	1044	0	2280776	1333333	2666665
3	593768	2	18	55	1333	1412	0	2876841	2666666	3999998
4	1540086	2	18	95	1002	1445	0	4419672	3999999	5333331
5	1470477	1	18	50	1675	0	0	5892596	5333332	6666664
6	1740636	3	18	75	1719	1205	1363	7634907	6666665	7999997
7	750737	1	18	90	1303	0	0	8389931	7999998	9333330
8	1495665	2	18	60	1732	1302	0	9886899	9333331	10666663
9	1269540	1	18	60	1830	0	0	11159473	10666664	11999996

Total number of pulses in waveform = 16

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	532438	3	6	95	1390	1530	1379	532438	0	749999
2	528737	3	6	75	1569	1665	1027	1065474	750000	1499999
3	1003627	2	6	90	1295	1170	0	2073362	1500000	2249999
4	353660	2	6	55	1302	1226	0	2429487	2250000	2999999
5	730248	2	6	85	1056	1078	0	3162263	3000000	3749999
6	788214	2	6	70	1490	1230	0	3952611	3750000	4499999
7	1205508	1	6	95	1911	0	0	5160839	4500000	5249999
8	168390	2	6	80	1295	1102	0	5331140	5250000	5999999
9	1198762	1	6	95	1697	0	0	6532299	6000000	6749999
10	452230	1	6	95	1994	0	0	6986226	6750000	7499999
11	521362	1	6	90	1858	0	0	7509582	7500000	8249999
12	1413230	2	6	100	1618	1101	0	8924670	8250000	8999999
13	691913	2	6	50	1179	1750	0	9619302	9000000	9749999
14	765291	2	6	90	1984	1685	0	10387522	9750000	10499999
15	718836	1	6	95	1474	0	0	11110027	10500000	11249999
16	442913	2	6	70	1359	1081	0	11554414	11250000	11999999

Total number of pulses in waveform = 29



Type 5 Radar Waveform_5

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	45408	3	17	85	1636	1777	1304	45408	0	749999
2	1069917	1	17	95	1984	0	0	1120042	750000	1499999
3	712673	2	17	80	1799	1134	0	1834899	1500000	2249999
4	698862	3	17	65	1194	1251	1060	2536494	2250000	2999999
5	1079382	1	17	50	1008	0	0	3619381	3000000	3749999
6	525247	2	17	70	1943	1343	0	4145636	3750000	4499999
7	1039396	2	17	75	1189	1052	0	5188318	4500000	5249999
8	250680	1	17	60	1715	0	0	5441239	5250000	5999999
9	1007063	3	17	65	1228	1152	1787	6450017	6000000	6749999
10	951169	1	17	80	1111	0	0	7405353	6750000	7499999
11	207527	1	17	65	1765	0	0	7613991	7500000	8249999
12	1166624	3	17	65	1647	1779	1192	8782380	8250000	8999999
13	442854	1	17	85	1417	0	0	9229852	9000000	9749999
14	626572	2	17	75	1302	1096	0	9857841	9750000	10499999
15	944186	3	17	65	1167	1899	1418	10804425	10500000	11249999
16	903614	3	17	75	1639	1207	1388	11712523	11250000	11999999

Total number of pulses in waveform = 32

Type 5 Radar Waveform_6

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	718603	2	5	85	1350	1659	0	718603	0	749999
2	387657	1	5	55	1277	0	0	1109269	750000	1499999
3	564740	2	5	55	1891	1354	0	1675286	1500000	2249999
4	891698	1	5	100	1951	0	0	2570229	2250000	2999999
5	502007	2	5	95	1456	1123	0	3074187	3000000	3749999
6	897728	2	5	80	1388	1837	0	3974494	3750000	4499999
7	654109	1	5	95	1677	0	0	4631828	4500000	5249999
8	1183294	2	5	60	1175	1466	0	5816799	5250000	5999999
9	437809	3	5	90	1226	1582	1977	6257249	6000000	6749999
10	1090730	3	5	90	1871	1471	1660	7352764	6750000	7499999
11	715763	1	5	70	1915	0	0	8073529	7500000	8249999
12	389223	2	5	90	1000	1463	0	8464667	8250000	8999999
13	1190541	3	5	75	1819	1452	1863	9657671	9000000	9749999
14	222909	2	5	100	1196	1259	0	9885714	9750000	10499999
15	1281661	1	5	85	1981	0	0	11169830	10500000	11249999
16	352108	3	5	90	1588	1584	1772	11523919	11250000	11999999

Total number of pulses in waveform = 31

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	625143	3	19	55	1666	1704	1356	625143	0	799999
2	420702	1	19	60	1830	0	0	1050571	800000	1599999
3	824212	1	19	100	1197	0	0	1876613	1600000	2399999
4	634770	2	19	60	1074	1241	0	2512580	2400000	3199999
5	968809	1	19	100	1437	0	0	3483704	3200000	3999999
6	1204374	2	19	90	1565	1228	0	4689515	4000000	4799999
7	176823	3	19	90	1746	1948	1795	4869131	4800000	5599999
8	1121352	1	19	50	1673	0	0	5995972	5600000	6399999
9	1069728	3	19	50	1895	1855	1767	7067373	6400000	7199999
10	806332	2	19	95	1457	1923	0	7879222	7200000	7999999
11	553400	1	19	100	1546	0	0	8436002	8000000	8799999
12	455281	3	19	65	1977	1649	1883	8892829	8800000	9599999
13	1049456	2	19	80	1512	1097	0	9947794	9600000	10399999
14	647781	2	19	60	1064	1863	0	10598184	10400000	11199999
15	1158253	3	19	90	1707	1000	1018	11759364	11200000	11999999

Total number of pulses in waveform = 30



Type 5 Radar Waveform_8

Num of Bursts = 18

Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	198942	2	14	100	1096	1390	0	198942	0	666666
2	1037376	1	14	55	1702	0	0	1238804	666667	1333333
3	423100	2	14	70	1880	1859	0	1663606	1333334	2000000
4	528681	2	14	90	1215	1535	0	2196026	2000001	2666667
5	498242	1	14	70	1641	0	0	2697018	2666668	3333334
6	729742	1	14	85	1163	0	0	3428401	3333335	4000001
7	1059371	3	14	50	1733	1008	1804	4488935	4000002	4666668
8	398648	2	14	50	1603	1206	0	4892128	4666669	5333335
9	698116	1	14	65	1943	0	0	5593053	5333336	6000002
10	616668	2	14	75	1259	1403	0	6211664	6000003	6666669
11	783650	1	14	95	1652	0	0	6997976	6666670	7333336
12	774581	1	14	55	1573	0	0	7774209	7333337	8000003
13	551599	1	14	55	1511	0	0	8327381	8000004	8666670
14	745618	2	14	85	1790	1548	0	9074510	8666671	9333337
15	546228	1	14	85	1055	0	0	9624076	9333338	10000004
16	849770	1	14	55	1656	0	0	10474901	10000005	10666671
17	499732	3	14	70	1708	1087	1115	10976289	10666672	11333338
18	995538	1	14	95	1247	0	0	11975737	11333339	12000005

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	347759	1	8	85	1458	0	0	347759	0	999999
2	984936	1	8	60	1231	0	0	1334153	1000000	1999999
3	1442450	3	8	75	1854	1512	1811	2777834	2000000	2999999
4	281537	1	8	70	1294	0	0	3064548	3000000	3999999
5	1382136	2	8	90	1465	1948	0	4447978	4000000	4999999
6	1015359	3	8	90	1884	1946	1567	5466750	5000000	5999999
7	1084799	3	8	50	1500	1867	1055	6556946	6000000	6999999
8	1132056	1	8	100	1981	0	0	7693424	7000000	7999999
9	484638	2	8	80	1747	1268	0	8180043	8000000	8999999
10	1394237	3	8	80	1129	1279	1037	9577295	9000000	9999999
11	1352986	1	8	95	1122	0	0	10933726	10000000	10999999
12	816884	2	8	50	1472	1939	0	11751732	11000000	11999999

Total number of pulses in waveform = 23

Type 5 Radar Waveform_10

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	736459	1	10	70	1597	0	0	736459	0	1199999
2	1328568	2	10	60	1796	1302	0	2066624	1200000	2399999
3	1041112	3	10	65	1993	1154	1712	3110834	2400000	3599999
4	1070385	1	10	70	1150	0	0	4186078	3600000	4799999
5	940271	2	10	50	1981	1537	0	5127499	4800000	5999999
6	1113670	2	10	75	1703	1443	0	6244687	6000000	7199999
7	1455359	1	10	100	1370	0	0	7703192	7200000	8399999
8	1313265	1	10	85	1826	0	0	9017827	8400000	9599999
9	768207	2	10	65	1787	1325	0	9787860	9600000	10799999
10	1032095	2	10	90	1481	1620	0	10823067	10800000	11999999

Total number of pulses in waveform = 17

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	1340968	2	17	90	1504	1199	0	1340968	0	1499999
2	1603585	3	17	90	1340	1988	1014	2947256	1500000	2999999
3	777555	1	17	65	1016	0	0	3729153	3000000	4499999
4	1789288	3	17	100	1225	1940	1092	5519457	4500000	5999999
5	910105	3	17	95	1180	1619	1232	6433819	6000000	7499999
6	1090183	2	17	50	1045	1868	0	7528033	7500000	8999999
7	2695152	1	17	60	1447	0	0	10226098	9000000	10499999
8	1357994	1	17	80	1715	0	0	11585539	10500000	11999999

Total number of pulses in waveform = 16

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	891208	3	8	100	1718	1162	1949	891208	0	1333332
2	856245	3	8	90	1109	1543	1446	1752282	1333333	2666665
3	1528166	2	8	50	1481	1077	0	3284546	2666666	3999998
4	970209	3	8	90	1508	1721	1731	4257313	3999999	5333331
5	2313829	1	8	85	1643	0	0	6576102	5333332	6666664
6	276904	2	8	60	1385	1796	0	6854649	6666665	7999997
7	1314615	3	8	90	1373	1920	1881	8172445	7999998	9333330
8	1328576	1	8	90	1372	0	0	9506195	9333331	10666663
9	2075889	2	8	75	1417	1176	0	11583456	10666664	11999996

Total number of pulses in waveform = 20

Type 5 Radar Waveform_13

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	304810	2	10	90	1083	1187	0	304810	0	1199999
2	1617236	2	10	50	1667	1316	0	1924316	1200000	2399999
3	659145	3	10	55	1664	1566	1512	2586444	2400000	3599999
4	1430844	2	10	70	1202	1170	0	4022030	3600000	4799999
5	1862155	3	10	65	1983	1611	1559	5886557	4800000	5999999
6	1219063	1	10	90	1330	0	0	7110773	6000000	7199999
7	749813	2	10	50	1006	1534	0	7861916	7200000	8399999
8	769575	2	10	55	1792	1061	0	8634031	8400000	9599999
9	1377090	1	10	95	1178	0	0	10013974	9600000	10799999
10	1582994	3	10	65	1223	1748	1007	11598146	10800000	11999999

Total number of pulses in waveform = 21

Type 5 Radar Waveform_14

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	469878	2	5	90	1412	1957	0	469878	0	1090908
2	1517298	1	5	70	1041	0	0	1990545	1090909	2181817
3	208036	3	5	100	1539	1701	1384	2199622	2181818	3272726
4	1504175	2	5	100	1446	1933	0	3708421	3272727	4363635
5	710622	1	5	70	1087	0	0	4422422	4363636	5454544
6	1669473	1	5	85	1621	0	0	6092982	5454545	6545453
7	1076205	3	5	85	1033	1587	1181	7170808	6545454	7636362
8	607345	1	5	55	1354	0	0	7781954	7636363	8727271
9	1909824	3	5	55	1222	1769	1148	9693132	8727272	9818180
10	1034209	1	5	100	1144	0	0	10731480	9818181	10909089
11	611838	1	5	65	1699	0	0	11344462	10909090	11999998

Total number of pulses in waveform = 19

Type 5 Radar Waveform_15

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	238948	1	12	85	1488	0	0	238948	0	857142
2	1363366	3	12	90	1589	1957	1148	1603802	857143	1714285
3	232443	1	12	90	1479	0	0	1840939	1714286	2571428
4	1269568	2	12	90	1489	1985	0	3111986	2571429	3428571
5	427903	2	12	85	1608	1702	0	3543363	3428572	4285714
6	1470335	2	12	75	1435	1487	0	5017008	4285715	5142857
7	823909	2	12	55	1120	1944	0	5843839	5142858	6000000
8	217230	3	12	65	1337	1922	1877	6064133	6000001	6857143
9	1441083	3	12	95	1238	1036	1642	7510352	6857144	7714286
10	367162	3	12	85	1868	1768	1400	7881430	7714287	8571429
11	1116522	3	12	95	1598	1971	1680	9002988	8571430	9428572
12	886328	3	12	90	1456	1767	1489	9894565	9428573	10285715
13	466451	1	12	85	1827	0	0	10365728	10285716	11142858
14	1624640	3	12	60	1280	1459	1667	11992195	11142859	12000001

Total number of pulses in waveform = 32

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	1311833	2	6	100	1994	1825	0	1311833	0	1333332
2	458801	3	6	70	1858	1457	1792	1774453	1333333	2666665
3	1643380	1	6	80	1399	0	0	3422940	2666666	3999998
4	1623924	1	6	85	1751	0	0	5048263	3999999	5333331
5	520297	2	6	60	1974	1376	0	5570311	5333332	6666664
6	1636546	3	6	65	1888	1634	1273	7210207	6666665	7999997
7	1481897	3	6	50	1639	1379	1104	8696899	7999998	9333330
8	826910	1	6	55	1075	0	0	9527931	9333331	10666663
9	2194397	3	6	60	1631	1804	1381	11723403	10666664	11999996

Total number of pulses in waveform = 19



Type 5 Radar Waveform_17

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	532932	3	19	85	1534	1212	1992	532932	0	599999
2	425654	2	19	50	1580	1884	0	963924	600000	1199999
3	318624	3	19	80	1035	1475	1338	1285412	1200000	1799999
4	417551	3	19	90	1546	1922	1877	2065972	1800000	2399999
5	993667	2	19	90	1264	1475	0	2488868	2400000	2999999
6	134830	2	19	100	1532	1525	0	3485274	3000000	3599999
7	759680	1	19	70	1605	0	0	3623161	3600000	4199999
8	843148	2	19	65	1198	1620	0	4384446	4200000	4799999
9	693033	1	19	80	1465	0	0	5230412	4800000	5399999
10	129495	1	19	100	1728	0	0	5924910	5400000	5999999
11	736207	1	19	90	1526	0	0	6056133	6000000	6599999
12	465393	2	19	85	1085	1610	0	6793866	6600000	7199999
13	920322	1	19	70	1743	0	0	7261954	7200000	7799999
14	774143	3	19	90	1491	1465	1613	8184019	7800000	8399999
15	300712	1	19	80	1743	0	0	8962731	8400000	8999999
16	638895	2	19	95	1190	1569	0	9265186	9000000	9599999
17	667199	2	19	95	1138	1780	0	9906840	9600000	10199999
18	654303	2	19	65	1164	1869	0	10576957	10200000	10799999
19	591303	2	19	70	1586	1365	0	11234293	10800000	11399999
20	591303	3	19	75	1386	1130	1811	11828547	11400000	11999999

Total number of pulses in waveform = 39

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	347467	1	9	50	1907	0	0	347467	0	857142
2	955340	3	9	70	1684	1849	1004	1304714	857143	1714285
3	1242225	1	9	55	1280	0	0	2551476	1714286	2571428
4	811438	3	9	60	1394	1806	1626	3364194	2571429	3428571
5	349255	3	9	85	1482	1211	1210	3718275	3428572	4285714
6	655852	2	9	70	1575	1266	0	4378030	4285715	5142857
7	1382962	1	9	50	1286	0	0	5763833	5142858	6000000
8	1023430	1	9	65	1796	0	0	6788549	6000001	6857143
9	752914	3	9	70	1907	1400	1319	7543259	6857144	7714286
10	927794	1	9	55	1855	0	0	8475679	7714287	8571429
11	824560	1	9	50	1906	0	0	9302094	8571430	9428572
12	427575	2	9	50	1298	1046	0	9731575	9428573	10285715
13	729195	2	9	50	1365	1617	0	10463114	10285716	11142858
14	1381221	2	9	80	1911	1841	0	11847317	11142859	12000001

Total number of pulses in waveform = 26

Type 5 Radar Waveform_19

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	182012	1	14	95	1614	0	0	182012	0	857142
2	1321790	2	14	55	1199	1220	0	1505416	857143	1714285
3	554158	3	14	100	1081	1764	1000	2061993	1714286	2571428
4	644167	3	14	90	1684	1329	1939	2709995	2571429	3428571
5	1222940	1	14	60	1721	0	0	3937887	3428572	4285714
6	720258	1	14	100	1599	0	0	4659666	4285715	5142857
7	1110307	3	14	85	1794	1322	1677	5771772	5142858	6000000
8	269101	2	14	90	1724	1500	0	6045666	6000001	6857143
9	1605499	2	14	90	1180	1647	0	7654389	6857144	7714286
10	110319	1	14	65	1772	0	0	7767535	7714287	8571429
11	1080550	1	14	65	1450	0	0	8849857	8571430	9428572
12	798525	1	14	75	1756	0	0	9649832	9428573	10285715
13	1306554	1	14	80	1059	0	0	10958142	10285716	11142858
14	696742	2	14	80	1494	1253	0	11655943	11142859	12000001

Total number of pulses in waveform = 24

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	312975	3	18	90	1582	1907	1389	312975	0	1199999
2	1051256	2	18	100	1258	1110	0	1369109	1200000	2399999
3	1382292	3	18	90	1749	1127	2000	2753769	2400000	3599999
4	1301575	3	18	75	1214	1694	1230	4060220	3600000	4799999
5	1397629	2	18	90	1943	1391	0	5461987	4800000	5999999
6	1056928	3	18	85	1648	1158	1972	6522249	6000000	7199999
7	1367315	2	18	75	1193	1708	0	7894342	7200000	8399999
8	560706	2	18	75	1925	1345	0	8457949	8400000	9599999
9	2065370	1	18	55	1449	0	0	10526589	9600000	10799999
10	1203490	2	18	100	1497	1834	0	11731528	10800000	11999999

Total number of pulses in waveform = 23

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	849522	3	8	60	1367	1858	1241	849522	0	1199999
2	1381617	3	8	50	1950	1591	1168	2235605	1200000	2399999
3	695477	2	8	65	1149	1713	0	2935791	2400000	3599999
4	986140	2	8	80	1068	1009	0	3924793	3600000	4799999
5	975586	2	8	90	1940	1714	0	4902456	4800000	5999999
6	1343233	2	8	50	1737	1143	0	6249343	6000000	7199999
7	2009712	2	8	80	1746	1995	0	8261935	7200000	8399999
8	1116738	3	8	85	1954	1681	1780	9382414	8400000	9599999
9	220895	1	8	80	1149	0	0	9608724	9600000	10799999
10	1807188	2	8	75	1903	1259	0	11417061	10800000	11999999

Total number of pulses in waveform = 22

Type 5 Radar Waveform_22

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	576313	3	17	70	1093	1789	1248	576313	0	631578
2	256680	3	17	90	1487	1519	1387	837123	631579	1263157
3	472217	2	17	60	1300	1235	0	1313733	1263158	1894736
4	1056408	3	17	50	1640	1626	1561	2372676	1894737	2526315
5	438233	1	17	55	1877	0	0	2815736	2526316	3157894
6	874516	2	17	90	1863	1200	0	3692129	3157895	3789473
7	348846	2	17	50	1055	1132	0	4044038	3789474	4421052
8	996866	1	17	50	1793	0	0	5043091	4421053	5052631
9	610901	2	17	85	1193	1134	0	5655785	5052632	5684210
10	449933	2	17	55	1959	1429	0	6108045	5684211	6315789
11	414854	2	17	70	1585	1776	0	6526287	6315790	6947368
12	946287	1	17	50	1650	0	0	7475935	6947369	7578947
13	650731	3	17	95	1305	1345	1505	8128316	7578948	8210526
14	127864	1	17	50	1576	0	0	8260335	8210527	8842105
15	1011253	3	17	75	1859	1220	1014	9273164	8842106	9473684
16	601568	2	17	50	1143	1366	0	9878815	9473685	10105263
17	524641	2	17	70	1805	1464	0	10405965	10105264	10736842
18	822834	2	17	90	1565	1502	0	11232068	10736843	11368421
19	149873	1	17	75	1019	0	0	11385008	11368422	12000000

Total number of pulses in waveform = 38



Type 5 Radar Waveform_23

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	347087	2	10	60	1436	1154	0	347087	0	857142
2	848836	2	10	65	1803	1835	0	1198513	857143	1714285
3	744869	1	10	50	1769	0	0	1947020	1714286	2571428
4	1277819	2	10	70	1219	1409	0	3226608	2571429	3428571
5	300855	1	10	85	1626	0	0	3530091	3428572	4285714
6	1442824	3	10	100	1675	1535	1720	4974541	4285715	5142857
7	968254	3	10	55	1186	1418	1634	5947725	5142858	6000000
8	493877	1	10	65	1694	0	0	6445840	6000001	6857143
9	822065	2	10	100	1016	1490	0	7269599	6857144	7714286
10	458931	3	10	95	1034	1266	1535	7731036	7714287	8571429
11	1565667	1	10	95	1786	0	0	9300538	8571430	9428572
12	268447	3	10	75	1940	1712	1469	9570771	9428573	10285715
13	1108593	2	10	80	1366	1499	0	10684485	10285716	11142858
14	709395	2	10	50	1247	1101	0	11396745	11142859	12000001

Total number of pulses in waveform = 28

Type 5 Radar Waveform_24

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	764728	1	5	55	1463	0	0	764728	0	923076
2	255661	2	5	95	1941	1489	0	1021852	923077	1846153
3	1182414	2	5	95	1996	1589	0	2207696	1846154	2769230
4	1447542	2	5	100	1699	1500	0	3658823	2769231	3692307
5	921741	3	5	85	1193	1193	1726	4583763	3692308	4615384
6	784354	2	5	95	1958	1417	0	5372229	4615385	5538461
7	742269	2	5	55	1545	1715	0	6117873	5538462	6461538
8	565045	1	5	100	1327	0	0	6686178	6461539	7384615
9	1338149	1	5	50	1341	0	0	8025654	7384616	8307692
10	1164309	3	5	65	1365	1394	1166	9191304	8307693	9230769
11	872361	1	5	55	1143	0	0	10067590	9230770	10153846
12	193764	1	5	100	1577	0	0	10262497	10153847	11076923
13	1109055	3	5	55	1045	1350	1995	11373129	11076924	12000000

Total number of pulses in waveform = 24

Type 5 Radar Waveform_25

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	57196	2	18	65	1576	1059	0	57196	0	631578
2	720484	3	18	90	1074	1605	1710	780315	631579	1263157
3	1054884	1	18	55	1335	0	0	1839588	1263158	1894736
4	424344	1	18	65	1255	0	0	2265267	1894737	2526315
5	774919	3	18	80	1443	1127	1194	3041441	2526316	3157894
6	130497	3	18	60	1675	1674	1392	3175702	3157895	3789473
7	1295696	3	18	55	1112	1067	1900	4416039	3789474	4421052
8	449906	3	18	85	1833	1082	1394	4870024	4421053	5052631
9	392565	2	18	80	1463	1698	0	5266898	5052632	5684210
10	501594	2	18	75	1681	1551	0	5771653	5684211	6315789
11	772467	2	18	60	1008	1500	0	6547352	6315790	6947368
12	432983	3	18	50	1417	1313	1689	6982843	6947369	7578947
13	930857	2	18	90	1856	1023	0	7918119	7578948	8210526
14	709457	2	18	70	1886	1687	0	8630455	8210527	8842105
15	231543	2	18	85	1345	1998	0	8865571	8842106	9473684
16	798817	2	18	70	1004	1859	0	9667731	9473685	10105263
17	749400	3	18	55	1545	1001	1967	10419994	10105264	10736842
18	398026	1	18	70	1882	0	0	10822533	10736843	11368421
19	1051522	2	18	90	1133	1437	0	11875937	11368422	12000000

Total number of pulses in waveform = 42

Type 5 Radar Waveform_26

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	306709	2	14	50	1515	1045	0	306709	0	1090908
2	783583	1	14	70	1669	0	0	1092852	1090909	2181817
3	1165293	1	14	65	1372	0	0	2259814	2181818	3272726
4	2020633	1	14	75	1099	0	0	4281819	3272727	4363635
5	675630	3	14	75	1076	1635	1133	4958548	4363636	5454544
6	921765	1	14	75	1848	0	0	5884157	5454545	6545453
7	1619447	3	14	85	1109	1350	1298	7505452	6545454	7636362
8	810752	2	14	95	1779	1176	0	8319961	7636363	8727271
9	983472	2	14	60	1098	1692	0	9306388	8727272	9818180
10	1534007	3	14	75	1361	1054	1866	10843185	9818181	10909089
11	157131	2	14	85	1708	1257	0	11004597	10909090	11999998

Total number of pulses in waveform = 21

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	656140	2	6	70	1012	1651	0	656140	0	666666
2	234043	1	6	65	1463	0	0	892846	666667	1333333
3	801191	1	6	85	1000	0	0	1695500	1333334	2000000
4	534845	3	6	60	1320	1710	1868	2231345	2000001	2666667
5	1005271	1	6	90	1970	0	0	3241514	2666668	3333334
6	283571	3	6	75	1077	1479	1181	3527055	3333335	4000001
7	952781	2	6	55	1408	1361	0	4483573	4000002	4666668
8	585292	2	6	85	1379	1403	0	5071634	4666669	5333335
9	379341	2	6	75	1874	1046	0	5453757	5333336	6000002
10	1030696	2	6	90	1028	1868	0	6487373	6000003	6666669
11	537385	1	6	90	1053	0	0	7027654	6666670	7333336
12	788264	1	6	65	1754	0	0	7816971	7333337	8000003
13	391370	3	6	95	1988	1436	1690	8210095	8000004	8666670
14	686709	3	6	85	1137	1510	1457	8901918	8666671	9333337
15	998115	2	6	70	1744	1168	0	9904137	9333338	10000004
16	396501	2	6	60	1439	1673	0	10303550	10000005	10666671
17	706366	3	6	80	1826	1956	1146	11013028	10666672	11333338
18	542078	2	6	55	1779	1171	0	11560034	11333339	12000005

Total number of pulses in waveform = 36

Type 5 Radar Waveform_28

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	390173	2	19	60	1469	1383	0	390173	0	923076
2	671541	1	19	70	1231	0	0	1064566	923077	1846153
3	1491491	3	19	85	1506	1158	1249	2557288	1846154	2769230
4	713011	3	19	90	1891	1801	1750	3274212	2769231	3692307
5	802805	1	19	60	1381	0	0	4082459	3692308	4615384
6	986569	2	19	55	1485	1910	0	5070409	4615385	5538461
7	1311656	3	19	60	1768	1379	1007	6385460	5538462	6461538
8	252250	1	19	55	1742	0	0	6641864	6461539	7384615
9	1496546	3	19	85	1513	1542	1071	8140152	7384616	8307692
10	810128	3	19	95	1157	1214	1801	8954406	8307693	9230769
11	655889	1	19	85	1494	0	0	9614467	9230770	10153846
12	865544	2	19	75	1092	1677	0	10481505	10153847	11076923
13	768529	3	19	90	1437	1158	1742	11252803	11076924	12000000

Total number of pulses in waveform = 28



Type 5 Radar Waveform_29

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	765680	2	9	60	1980	1373	0	765680	0	1090908
2	863130	1	9	55	1685	0	0	1632163	1090909	2181817
3	1019695	3	9	80	1720	1998	1348	2653443	2181818	3272726
4	1563352	3	9	85	1101	1049	1666	4221861	3272727	4363635
5	824027	3	9	70	1823	1407	1348	5049704	4363636	5454544
6	877929	3	9	90	1225	1004	1703	5932211	5454545	6545453
7	1537833	3	9	85	1361	1983	1426	7473976	6545454	7636362
8	630179	1	9	95	1579	0	0	8108925	7636363	8727271
9	1369422	3	9	95	1192	1897	1207	9479926	8727272	9818180
10	1403425	3	9	55	1395	1894	1465	10887647	9818181	10909089
11	526352	2	9	60	1547	1217	0	11418753	10909090	11999998

Total number of pulses in waveform = 27

Type 5 Radar Waveform_30

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	219057	1	12	60	1360	0	0	219057	0	799999
2	985384	2	12	50	1954	1631	0	1205801	800000	1599999
3	690761	2	12	55	1907	1786	0	1900147	1600000	2399999
4	677961	3	12	50	1771	1680	1621	2581801	2400000	3199999
5	1298345	3	12	80	1239	1573	1352	3885218	3200000	3999999
6	537339	1	12	70	1701	0	0	4426721	4000000	4799999
7	868995	3	12	75	1620	1348	1020	5297417	4800000	5599999
8	456521	2	12	55	1008	1664	0	5757926	5600000	6399999
9	815762	1	12	100	1729	0	0	6576360	6400000	7199999
10	873485	3	12	75	1519	1488	1716	7451574	7200000	7999999
11	1286527	2	12	50	1639	1616	0	8742824	8000000	8799999
12	68313	3	12	50	1760	1771	1289	8614392	8800000	9599999
13	1147497	1	12	75	1341	0	0	9966709	9600000	10399999
14	736818	3	12	75	1350	1186	1230	10704868	10400000	11199999
15	1228549	1	12	55	1427	0	0	11937183	11200000	11999999

Total number of pulses in waveform = 31

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	5253.7	1	16	5323.8	1
2	5258.9	1	17	5313.4	1
3	5264.1	1	18	5318.8	1
4	5269.1	1	19	5303.2	1
5	5274.3	1	20	5308.4	1
6	5279.3	1	21	5292.6	1
7	5284.5	1	22	5297.8	1
8	5290.0	1	23	5261.2	1
9	5329.0	1	24	5256.2	1
10	5321.4	1	25	5266.5	1
11	5316.2	1	26	5271.6	1
12	5310.8	1	27	5276.7	1
13	5305.8	1	28	5282.1	1
14	5300.6	1	29	5287.1	1
15	5295.3	1	30	5251.0	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5292	6	7	5258	21
4	5243	12	14	5295	42
6	5270	18	19	5241	57
9	5283	27	30	5243	90
15	5289	45	32	5268	96
16	5240	48	39	5251	117
26	5266	78	41	5273	123
29	5273	87	52	5277	156
39	5282	117	53	5297	159
40	5267	120	57	5275	171
61	5286	183	73	5292	219
69	5251	207	86	5285	258
81	5245	243	90	5252	270
82	5284	246	7	5258	21
95	5255	285	14	5295	42

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5281	21	16	5286	48
8	5275	24	19	5298	57
9	5250	27	42	5292	126
11	5268	33	69	5248	207
22	5299	66	83	5266	249
47	5262	141	91	5274	273
55	5303	165	93	5300	279
63	5295	189	94	5268	282
91	5254	273	98	5242	294

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5262	3	9	5317	27
3	5295	9	23	5267	69
9	5311	27	32	5305	96
10	5297	30	35	5292	105
14	5268	42	47	5276	141
26	5299	78	52	5313	156
28	5274	84	70	5266	210
63	5272	189	74	5312	222
67	5292	201	75	5295	225
71	5306	213	86	5275	258
80	5301	240	--	--	--
83	5261	249	--	--	--
84	5310	252	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5280	33	5	5293	15
13	5275	39	9	5260	27
24	5302	72	17	5288	51
26	5271	78	38	5265	114
44	5293	132	54	5289	162
49	5270	147	79	5320	237
60	5274	180	89	5306	267
65	5288	195	93	5305	279
70	5289	210	--	--	--
75	5311	225	--	--	--
88	5317	264	--	--	--
95	5268	285	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5326	0	2	5289	6
17	5333	51	14	5283	42
37	5290	111	18	5301	54
57	5316	171	53	5318	159
71	5302	213	58	5286	174
77	5339	231	61	5329	183
97	5331	291	67	5284	201
--	--	--	70	5297	210
--	--	--	77	5314	231
--	--	--	90	5296	270
--	--	--	98	5324	294

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
18	5305	54	13	5288	39
23	5297	69	24	5303	72
39	5294	117	31	5328	93
41	5312	123	32	5306	96
44	5289	132	33	5300	99
46	5321	138	36	5326	108
48	5310	144	39	5315	117
49	5315	147	45	5295	135
57	5331	171	55	5275	165
67	5284	201	57	5309	171
68	5304	204	88	5308	264
70	5280	210	89	5285	267
80	5283	240	--	--	--
85	5317	255	--	--	--
87	5288	261	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5304	18	0	5294	0
9	5297	27	16	5281	48
12	5299	36	26	5298	78
14	5273	42	42	5304	126
15	5309	45	49	5314	147
20	5271	60	53	5288	159
24	5296	72	57	5315	171
44	5290	132	72	5286	216
46	5317	138	90	5268	270
47	5325	141	92	5296	276
55	5330	165	97	5301	291
76	5275	228	--	--	--
82	5320	246	--	--	--
87	5283	261	--	--	--
93	5323	279	--	--	--
96	5321	288	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
21	5275	63	5	5325	15
37	5308	111	7	5285	21
45	5282	135	9	5294	27
48	5310	144	11	5322	33
50	5293	150	25	5299	75
52	5277	156	27	5308	81
68	5316	204	42	5287	126
70	5265	210	53	5316	159
78	5261	234	55	5331	165
79	5304	237	60	5286	180
--	--	--	76	5323	228
--	--	--	84	5312	252
--	--	--	89	5310	267
--	--	--	90	5304	270
--	--	--	91	5291	273
--	--	--	93	5335	279

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5321	9	7	5312	21
6	5316	18	15	5295	45
30	5309	90	17	5327	51
36	5275	108	22	5280	66
49	5313	147	33	5288	99
60	5299	180	37	5317	111
68	5289	204	40	5306	120
77	5285	231	43	5323	129
84	5280	252	46	5329	138
--	--	--	55	5294	165
--	--	--	57	5305	171
--	--	--	64	5290	192
--	--	--	78	5335	234
--	--	--	85	5291	255

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5277	6	12	5271	36
4	5267	12	19	5317	57
12	5303	36	28	5281	84
24	5275	72	36	5276	108
26	5278	78	63	5279	189
30	5265	90	67	5298	201
44	5285	132	85	5320	255
46	5299	138	95	5288	285
77	5304	231	96	5274	288
78	5288	234	98	5325	294
95	5306	285	--	--	--

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5292	21	8	5291	24
18	5278	54	14	5301	42
20	5317	60	26	5273	78
33	5299	99	39	5298	117
34	5282	102	54	5266	162
35	5310	105	59	5295	177
38	5261	114	64	5292	192
45	5290	135	67	5312	201
47	5272	141	68	5271	204
54	5307	162	72	5280	216
56	5297	168	74	5300	222
63	5306	189	81	5264	243
--	--	--	91	5289	273

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5268	0	2	5257	6
18	5275	54	15	5258	45
26	5242	78	16	5284	48
28	5279	84	24	5249	72
33	5278	99	32	5279	96
35	5283	105	35	5242	105
52	5277	156	37	5281	111
55	5296	165	41	5251	123
65	5261	195	45	5288	135
75	5295	225	58	5260	174
93	5247	279	66	5246	198
99	5274	297	77	5282	231
--	--	--	78	5250	234
--	--	--	79	5241	237
--	--	--	85	5243	255
--	--	--	86	5261	258

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5267	33	4	5286	12
20	5300	60	30	5282	90
28	5302	84	56	5296	168
39	5284	117	58	5266	174
44	5287	132	81	5291	243
54	5265	162	92	5310	276
60	5279	180	--	--	--
86	5288	258	--	--	--
88	5254	264	--	--	--
94	5276	282	--	--	--

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5293	9	11	5315	33
18	5257	54	23	5305	69
23	5309	69	35	5316	105
24	5261	72	46	5263	138
27	5301	81	47	5281	141
29	5287	87	50	5309	150
38	5283	114	56	5298	168
42	5269	126	58	5264	174
51	5250	153	61	5289	183
63	5254	189	75	5275	225
69	5284	207	86	5273	258
86	5303	258	88	5270	264
94	5253	282	90	5299	270
95	5296	285	98	5307	294

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5296	3	2	5257	6
18	5268	54	10	5239	30
32	5319	96	26	5278	78
34	5273	102	32	5263	96
46	5270	138	35	5231	105
51	5294	153	36	5254	108
55	5297	165	44	5287	132
56	5292	168	50	5241	150
59	5274	177	58	5289	174
62	5315	186	59	5286	177
64	5283	192	66	5234	198
67	5316	201	74	5276	222
80	5314	240	76	5256	228
84	5262	252	81	5266	243
86	5278	258	87	5253	261
89	5301	267	92	5271	276
91	5293	273	99	5252	297
92	5260	276	--	--	--
96	5302	288	--	--	--

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

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5280.4	1	778	68	1
2	5322.8	1	678	78	1
3	5305.8	1	578	92	1
4	5277.3	1	798	67	1
5	5329.0	1	638	83	1
6	5325.5	1	758	70	1
7	5251.0	1	558	95	1
8	5302.5	1	618	86	1
9	5283.2	1	858	62	1
10	5319.3	1	838	63	1
11	5258.9	1	658	81	1
12	5299.2	1	3066	18	1
13	5274.2	1	518	102	1
14	5315.7	1	918	58	1
15	5261.5	1	538	99	1
16	5292.6	1	1176	45	1
17	5271.7	1	1935	28	1
18	5253.7	1	2242	24	1
19	5295.6	1	769	69	1
20	5286.6	1	1997	27	1
21	5264.1	1	1332	40	1
22	5328.3	1	1818	30	1
23	5256.3	1	1870	29	1
24	5309.2	1	2201	24	1
25	5290.0	1	2369	23	1
26	5266.4	1	1220	44	1
27	5312.7	1	2067	26	1
28	5288.9	1	1069	50	1
29	5269.0	1	2448	22	1
30	5290.0	1	2133	25	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	5265.7	3.3	184	25	1
2	5329.0	1.9	151	27	1
3	5285.6	2.0	188	28	1
4	5291.4	1.0	230	24	1
5	5251.0	1.0	159	23	1
6	5304.2	3.6	229	29	1
7	5287.8	2.5	211	28	0
8	5268.6	2.1	207	24	1
9	5263.5	2.7	202	29	1
10	5301.9	1.0	225	28	1
11	5290.0	2.6	203	29	1
12	5282.5	2.2	221	27	1
13	5294.8	3.6	195	23	1
14	5290.0	3.3	174	23	1
15	5252.5	2.1	207	25	1
16	5298.4	2.1	154	27	1
17	5279.4	2.0	179	26	1
18	5308.7	1.3	181	28	0
19	5260.3	1.7	200	27	1
20	5327.2	3.0	158	24	1
21	5270.3	3.9	226	26	1
22	5318.6	2.4	213	28	1
23	5311.4	4.0	150	29	1
24	5324.9	2.9	201	29	1
25	5273.7	2.5	170	27	1
26	5321.5	2.4	177	24	1
27	5255.2	1.1	218	23	1
28	5314.5	3.7	216	28	0
29	5276.3	2.4	181	27	1
30	5257.5	4.0	182	29	1
Detection Percentage (%)					90.0%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5275.3	9.0	423	16	1
2	5326.8	6.5	265	18	1
3	5290.0	9.3	292	17	1
4	5329.0	9.3	469	17	1
5	5272.6	8.3	251	18	0
6	5323.6	6.2	357	16	1
7	5290.0	9.4	444	17	1
8	5266.4	7.3	333	18	1
9	5293.7	8.8	310	18	1
10	5296.2	6.9	485	16	1
11	5278.3	8.1	332	18	1
12	5303.4	9.3	263	17	1
13	5251.0	9.2	411	17	1
14	5320.3	6.4	471	17	1
15	5297.3	6.8	330	17	1
16	5267.7	9.8	438	16	1
17	5306.2	8.3	459	16	1
18	5307.6	8.8	356	18	1
19	5254.5	8.8	264	17	1
20	5299.5	8.6	456	16	1
21	5281.4	8.4	320	18	1
22	5310.4	9.3	381	18	1
23	5252.4	9.4	316	17	1
24	5319.3	6.0	349	16	1
25	5284.5	8.3	373	17	1
26	5259.2	9.3	305	17	1
27	5313.5	8.0	474	18	1
28	5289.1	6.3	297	17	1
29	5316.3	8.4	402	17	1
30	5262.6	6.7	299	16	1
Detection Percentage (%)					96.7%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5290.0	19.7	269	13	1
2	5328.3	15.3	278	12	1
3	5256.3	18.2	308	15	1
4	5290.0	15.9	424	14	0
5	5277.3	13.3	458	15	1
6	5309.2	15.7	405	14	1
7	5253.7	17.9	348	15	1
8	5288.9	16.3	306	15	0
9	5280.4	19.2	269	12	1
10	5274.2	11.8	268	13	1
11	5258.9	13.8	473	14	1
12	5292.6	14.3	269	12	1
13	5283.2	15.4	344	16	1
14	5261.5	18.7	337	15	0
15	5305.8	17.7	316	12	1
16	5251.0	19.2	261	13	1
17	5295.6	19.0	446	15	1
18	5286.6	13.9	373	13	1
19	5271.7	11.5	337	15	1
20	5312.7	13.3	276	14	1
21	5302.5	17.6	347	12	1
22	5325.5	14.2	383	14	1
23	5264.1	16.7	421	12	1
24	5329.0	17.0	306	16	1
25	5315.7	11.0	442	12	1
26	5299.2	18.2	356	16	1
27	5322.8	15.7	412	12	1
28	5266.4	15.5	305	12	0
29	5319.3	17.9	390	13	1
30	5269.0	12.8	359	16	1
Detection Percentage (%)					86.7%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 90.0\% + 96.7\% + 86.7\%) / 4 = 93.3\% (>80\%)$

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5259.2	1	16	5290.0	1
2	5255.6	1	17	5290.0	1
3	5259.6	1	18	5290.0	1
4	5254.0	1	19	5290.0	1
5	5257.6	1	20	5290.0	1
6	5254.4	1	21	5320.4	1
7	5258.8	1	22	5324.4	1
8	5255.2	1	23	5324.0	1
9	5256.8	1	24	5320.8	1
10	5256.0	1	25	5325.6	1
11	5290.0	1	26	5322.4	1
12	5290.0	1	27	5326.0	1
13	5290.0	1	28	5323.2	1
14	5290.0	1	29	5324.8	1
15	5290.0	1	30	5321.2	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	413551	1	18	95	1954	0	0	413551	0	799999
2	1149651	3	18	65	1595	1609	1500	1565156	800000	1599999
3	216660	2	18	50	1273	1938	0	1786520	1600000	2399999
4	698554	1	18	70	1016	0	0	2488285	2400000	3199999
5	1102125	2	18	90	1827	1283	0	3591426	3200000	3999999
6	1087671	2	18	50	1225	1354	0	4682207	4000000	4799999
7	303253	2	18	90	1442	1862	0	4988039	4800000	5599999
8	1261013	2	18	85	1332	1324	0	6252356	5600000	6399999
9	588445	3	18	80	1387	1921	1121	6843457	6400000	7199999
10	1021511	3	18	70	1968	1059	1376	7869397	7200000	7999999
11	470600	2	18	95	1723	1512	0	8344400	8000000	8799999
12	1110604	3	18	60	1978	1390	1247	9458239	8800000	9599999
13	443617	1	18	60	1892	0	0	9906471	9600000	10399999
14	493669	2	18	85	1916	1314	0	10402032	10400000	11199999
15	1299991	3	18	60	1659	1543	1320	11705253	11200000	11999999
Total number of pulses in waveform = 32 *****										

Type 5 Radar Waveform_2

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	1383096	3	9	60	1707	1579	1927	1383096	0	1499999
2	715593	3	9	90	1972	1708	1580	2103902	1500000	2999999
3	2167906	2	9	60	1222	1128	0	4277068	3000000	4499999
4	1332102	3	9	80	1285	1089	1899	5611520	4500000	5999999
5	784654	2	9	85	1734	1158	0	6400447	6000000	7499999
6	1265311	2	9	65	1528	1472	0	7668650	7500000	8999999
7	2135737	3	9	50	1563	1122	1770	9807387	9000000	10499999
8	1360729	1	9	70	1672	0	0	11172571	10500000	11999999

Total number of pulses in waveform = 19

Type 5 Radar Waveform_3

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	798482	1	19	100	1109	0	0	69	0	749999
2	1441901	1	19	95	1504	0	0	799560	750000	1499999
3	107827	1	19	50	1989	0	0	2243065	1500000	2249999
4	705710	3	19	95	1174	1208	1499	2352881	2250000	2999999
5	894497	2	19	55	1239	1523	0	3062472	3000000	3749999
6	632701	2	19	65	1881	1257	0	3959731	3750000	4499999
7	976346	3	19	95	1976	1320	1426	4595570	4500000	5249999
8	1072271	2	19	85	1459	1646	0	5576638	5250000	5999999
9	208985	1	19	55	1923	0	0	6652014	6000000	6749999
10	1087644	3	19	55	1119	1482	1283	6862922	6750000	7499999
11	885614	3	19	80	1312	1163	1279	7954450	7500000	8249999
12	411492	2	19	60	1753	1594	0	8843818	8250000	8999999
13	802111	2	19	95	1954	1596	0	9258657	9000000	9749999
14	840020	1	19	50	1981	0	0	10064318	9750000	10499999
15	979510	2	19	65	1368	1285	0	10906319	10500000	11249999
16	979510	2	19	55	1262	1371	0	11888482	11250000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_4

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	1106369	3	5	95	1445	1757	1399	1106369	0	1199999
2	779440	2	5	100	1005	1314	0	1890410	1200000	2399999
3	796241	1	5	90	1953	0	0	2688970	2400000	3599999
4	1631340	3	5	60	1389	1584	1566	4322263	3600000	4799999
5	817802	2	5	95	1326	1902	0	5144604	4800000	5999999
6	1250501	1	5	90	1805	0	0	6398333	6000000	7199999
7	1584982	3	5	55	1530	1660	1464	7985120	7200000	8399999
8	771440	3	5	85	1772	1239	1373	8761214	8400000	9599999
9	1813049	3	5	75	1737	1228	1563	10578647	9600000	10799999
10	958614	1	5	70	1142	0	0	11541789	10800000	11999999

Total number of pulses in waveform = 22

Type 5 Radar Waveform_5

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	1040122	1	14	50	1878	0	0	1040122	0	1090908
2	71695	3	14	95	1154	1207	1687	1113695	1090909	2181817
3	2059298	2	14	55	1366	1695	0	3177041	2181818	3272726
4	550891	1	14	100	1904	0	0	3730993	3272727	4363635
5	692040	1	14	50	1089	0	0	4424937	4363636	5454544
6	1370916	3	14	75	1009	1677	1236	5796942	5454545	6545453
7	1766659	2	14	65	1502	1206	0	7567523	6545454	7636362
8	93891	2	14	60	1640	1297	0	7664122	7636363	8727271
9	1353094	2	14	55	1302	1241	0	9020153	8727272	9818180
10	1819196	3	14	80	1898	1495	1268	10841892	9818181	10909089
11	994187	3	14	60	1110	1384	1084	11840740	10909090	11999998

Total number of pulses in waveform = 23

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	650037	2	6	60	1845	1598	0	650037	0	799999
2	906559	2	6	85	1578	1204	0	1560039	800000	1599999
3	292784	1	6	90	1488	0	0	1855605	1600000	2399999
4	914150	2	6	50	1975	1117	0	2771243	2400000	3199999
5	706204	1	6	75	1724	0	0	3480539	3200000	3999999
6	801935	1	6	90	1861	0	0	4284198	4000000	4799999
7	851065	3	6	80	1564	1091	1313	5137124	4800000	5599999
8	793487	1	6	50	1177	0	0	5934579	5600000	6399999
9	539528	2	6	55	1131	1402	0	6475282	6400000	7199999
10	1448463	3	6	100	1678	1832	1476	7926278	7200000	7999999
11	176413	2	6	75	1408	1637	0	8107677	8000000	8799999
12	698843	2	6	85	1511	1399	0	8809565	8800000	9599999
13	1137893	1	6	50	1089	0	0	9950368	9600000	10399999
14	797561	3	6	90	1021	1702	1667	10749018	10400000	11199999
15	523327	1	6	65	1059	0	0	11276735	11200000	11999999

Total number of pulses in waveform = 27

Type 5 Radar Waveform_7

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1059290	2	17	95	1567	1634	0	1059290	0	1090908
2	629971	3	17	55	1291	1301	1821	1692462	1090909	2181817
3	1017913	3	17	80	1646	1603	1640	2714788	2181818	3272726
4	738157	3	17	65	1469	1224	1564	3457834	3272727	4363635
5	1641435	1	17	90	1999	0	0	5103526	4363636	5454544
6	1370668	2	17	55	1556	1991	0	6476193	5454545	6545453
7	367419	3	17	70	1270	1296	1041	6847159	6545454	7636362
8	1076665	2	17	95	1939	1225	0	7927431	7636363	8727271
9	1314237	1	17	75	1295	0	0	9244832	8727272	9818180
10	1460643	2	17	60	1952	1834	0	10706770	9818181	10909089
11	1080273	2	17	85	1473	1114	0	11790829	10909090	11999998

Total number of pulses in waveform = 24

Type 5 Radar Waveform_8

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	161946	1	8	75	1639	0	0	161946	0	1333332
2	1704830	1	8	65	1583	0	0	1868415	1333333	2666665
3	909813	1	8	80	1732	0	0	2779811	2666666	3999998
4	2125320	1	8	70	1532	0	0	4906863	3999999	5333331
5	576437	3	8	85	1131	1105	1939	5484832	5333332	6666664
6	1396187	3	8	70	1029	1953	1586	6885194	6666665	7999997
7	1706291	3	8	80	1311	1495	1860	8596053	7999998	9333330
8	829053	1	8	85	1802	0	0	9429772	9333331	10666663
9	1599976	1	8	80	1312	0	0	11031550	10666664	11999996

Total number of pulses in waveform = 15

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	12063	3	12	80	1366	1929	1887	12063	0	799999
2	1021695	3	12	85	1761	1458	1972	1038940	800000	1599999
3	1010361	2	12	55	1262	1450	0	2054492	1600000	2399999
4	606442	2	12	50	1241	1584	0	2663646	2400000	3199999
5	1155232	3	12	75	1406	1864	1544	3821703	3200000	3999999
6	518981	3	12	95	1511	1783	1400	4345498	4000000	4799999
7	965886	1	12	65	1127	0	0	5316078	4800000	5599999
8	441094	1	12	70	1633	0	0	5758299	5600000	6399999
9	764136	2	12	50	1950	1530	0	6524068	6400000	7199999
10	1284887	2	12	100	1310	1283	0	7812435	7200000	7999999
11	352166	1	12	50	1165	0	0	8167194	8000000	8799999
12	1381665	3	12	85	1081	1424	1040	9550024	8800000	9599999
13	469163	3	12	85	1251	1313	1245	10022732	9600000	10399999
14	602626	1	12	90	1779	0	0	10629167	10400000	11199999
15	907995	3	12	80	1950	1050	1281	11538941	11200000	11999999

Total number of pulses in waveform = 33

Type 5 Radar Waveform_10

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	680046	1	10	70	1168	0	0	680046	0	705881
2	180762	3	10	70	1540	1549	1035	861976	705882	1411763
3	861339	1	10	90	1079	0	0	1727439	1411764	2117645
4	722992	2	10	75	1685	1717	0	2451510	2117646	2823527
5	938226	3	10	90	1470	1623	1848	3393138	2823528	3529409
6	246961	3	10	80	1243	1999	1694	3645040	3529410	4235291
7	891236	3	10	55	1965	1858	1371	4541212	4235292	4941173
8	683507	3	10	55	1935	1251	1837	5229913	4941174	5647055
9	445536	3	10	50	1636	1031	1654	5680472	5647056	6352937
10	999675	1	10	90	1692	0	0	6684468	6352938	7058819
11	668473	2	10	75	1688	1284	0	7354633	7058820	7764701
12	497787	3	10	60	1917	1830	1964	7855392	7764702	8470583
13	1196353	2	10	65	1570	1966	0	9057456	8470584	9176465
14	471145	3	10	95	1131	1691	1808	9532137	9176466	9882347
15	417859	3	10	50	1749	1582	1214	9954626	9882348	10588229
16	1030876	2	10	85	1094	1264	0	10990047	10588230	11294111
17	368423	1	10	70	1373	0	0	11360828	11294112	11999993

Total number of pulses in waveform = 39

Type 5 Radar Waveform_11

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	863269	3	12	75	1079	1204	1064	863269	0	1199999
2	1500616	1	12	95	1431	0	0	2367232	1200000	2399999
3	1201655	1	12	85	1378	0	0	3570318	2400000	3599999
4	1038821	2	12	90	1129	1155	0	4610517	3600000	4799999
5	1206706	3	12	75	1482	1713	1206	5819507	4800000	5999999
6	438288	2	12	50	1142	1063	0	6262196	6000000	7199999
7	1093830	2	12	75	1264	1291	0	7358231	7200000	8399999
8	1536038	3	12	80	1904	1308	1647	8896824	8400000	9599999
9	1867695	2	12	55	1816	1770	0	10769378	9600000	10799999
10	865412	2	12	85	1350	1327	0	11638376	10800000	11999999

Total number of pulses in waveform = 21

Type 5 Radar Waveform_12

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	371267	2	8	50	1619	1531	0	371267	0	666666
2	729176	3	8	60	1233	1067	1686	1103593	666667	1333333
3	765604	3	8	80	1081	1232	1632	1873183	1333334	2000000
4	569940	1	8	65	1588	0	0	2447068	2000001	2666667
5	588183	1	8	80	1103	0	0	3036839	2666668	3333334
6	590433	1	8	70	1412	0	0	3628375	3333335	4000001
7	396864	1	8	85	1286	0	0	4026651	4000002	4666668
8	989080	1	8	75	1178	0	0	5017017	4666669	5333335
9	642608	1	8	55	1326	0	0	5660803	5333336	6000002
10	973967	3	8	90	1346	1177	1763	6636096	6000003	6666669
11	323795	3	8	95	1323	1985	1689	6964177	6666670	7333336
12	811018	3	8	75	1165	1209	1574	7780192	7333337	8000003
13	499273	3	8	95	1800	1507	1138	8283413	8000004	8666670
14	447249	3	8	95	1117	1261	1070	8735107	8666671	9333337
15	680411	1	8	55	1833	0	0	9418966	9333338	10000004
16	691725	3	8	95	1696	1542	1931	10112524	10000005	10666671
17	899922	3	8	70	1451	1752	1442	11017615	10666672	11333338
18	660125	3	8	90	1952	1650	1354	11682385	11333339	12000005

Total number of pulses in waveform = 39

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	498335	3	9	85	1752	1218	1243	498335	0	857142
2	555136	1	9	50	1615	0	0	1057684	857143	1714285
3	659146	2	9	60	1720	1431	0	1718445	1714286	2571428
4	1691373	3	9	90	1503	1234	1005	3412969	2571429	3428571
5	306777	2	9	50	1995	1536	0	3723488	3428572	4285714
6	810278	2	9	90	1045	1362	0	4537297	4285715	5142857
7	1454695	1	9	80	1832	0	0	5994399	5142858	6000000
8	445194	3	9	75	1609	1023	1817	6441425	6000001	6857143
9	1193446	2	9	90	1871	1542	0	7639320	6857144	7714286
10	253943	2	9	75	1856	1744	0	7896676	7714287	8571429
11	1180940	3	9	80	1023	1377	1283	9081216	8571430	9428572
12	734406	3	9	80	1559	1832	1552	9819305	9428573	10285715
13	1056111	2	9	50	1460	1299	0	10880359	10285716	11142858
14	657989	1	9	55	1446	0	0	11541107	11142859	12000001

Total number of pulses in waveform = 30



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	446386	1	17	70	1475	0	0	446386	0	599999
2	712830	1	17	100	1794	0	0	1160691	600000	1199999
3	153493	1	17	70	1252	0	0	1315978	1200000	1799999
4	1073395	3	17	70	1171	1794	1321	2390625	1800000	2399999
5	507049	3	17	95	1358	1964	1936	2901960	2400000	2999999
6	556438	1	17	80	1628	0	0	3463656	3000000	3599999
7	641417	1	17	65	1047	0	0	4106701	3600000	4199999
8	269699	1	17	95	1871	0	0	4377447	4200000	4799999
9	648646	2	17	85	1762	1930	0	5027964	4800000	5399999
10	862255	3	17	65	1363	1315	1535	5893911	5400000	5999999
11	239095	2	17	100	1225	2000	0	6137159	6000000	6599999
12	498813	3	17	50	1641	1228	1492	6639197	6600000	7199999
13	598512	3	17	75	1908	1169	1757	7242070	7200000	7799999
14	791759	2	17	75	1690	1817	0	8038663	7800000	8399999
15	749569	3	17	75	1564	1489	1877	8791739	8400000	8999999
16	662652	1	17	70	1847	0	0	9459321	9000000	9599999
17	378523	3	17	50	1169	1183	1002	9839691	9600000	10199999
18	676166	1	17	50	1720	0	0	10519211	10200000	10799999
19	502274	1	17	90	1956	0	0	11023205	10800000	11399999
20	698412	2	17	60	1804	1549	0	11723573	11400000	11999999

Total number of pulses in waveform = 38

Type 5 Radar Waveform_15

Num of Bursts = 18

Burst Interval (us) = 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	101475	3	18	95	1728	1596	1008	101475	0	666666
2	585631	1	18	70	1759	0	0	691438	666667	1333333
3	846624	2	18	90	1465	1063	0	1539821	1333334	2000000
4	676959	3	18	70	1091	1026	1270	2219308	2000001	2666667
5	851596	3	18	75	1080	1923	1806	3074291	2666668	3333334
6	521510	3	18	65	1104	1444	1528	3600610	3333335	4000001
7	513503	1	18	65	1374	0	0	4118189	4000002	4666668
8	919716	1	18	50	1407	0	0	5039279	4666669	5333335
9	917555	3	18	70	1070	1899	1537	5958241	5333336	6000002
10	335080	3	18	60	1463	1264	1873	6297827	6000003	6666669
11	572426	1	18	75	1558	0	0	6874853	6666670	7333336
12	1003412	1	18	100	1330	0	0	7879823	7333337	8000003
13	155263	2	18	95	1200	1535	0	8036416	8000004	8666670
14	854475	2	18	65	1989	1450	0	8893626	8666671	9333337
15	619366	1	18	100	1207	0	0	9516431	9333338	10000004
16	662384	1	18	70	1180	0	0	10180022	10000005	10666671
17	606375	2	18	50	1133	1761	0	10787577	10666672	11333338
18	1207599	1	18	95	1888	0	0	11998070	11333339	12000005

Total number of pulses in waveform = 34

Type 5 Radar Waveform_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	134520	2	5	50	1797	1108	0	134520	0	749999
2	1252860	3	5	65	1206	1711	1260	1390285	750000	1499999
3	435229	1	5	85	1177	0	0	1829691	1500000	2249999
4	524903	2	5	55	1631	1052	0	2355771	2250000	2999999
5	1106449	1	5	50	1823	0	0	3464903	3000000	3749999
6	847225	2	5	80	1835	1071	0	4313951	3750000	4499999
7	599711	3	5	100	1597	1759	1645	4916568	4500000	5249999
8	819523	1	5	85	1062	0	0	5741092	5250000	5999999
9	740200	1	5	75	1855	0	0	6482354	6000000	6749999
10	465551	3	5	60	1893	1051	1911	6949760	6750000	7499999
11	1170484	2	5	80	1134	1170	0	8125099	7500000	8249999
12	353929	1	5	75	1015	0	0	8481332	8250000	8999999
13	813019	3	5	60	1279	1509	1806	9295366	9000000	9749999
14	508631	3	5	100	1689	1192	1346	9808591	9750000	10499999
15	1280530	3	5	100	1291	1163	1655	11093348	10500000	11249999
16	539140	3	5	95	1018	1895	1530	11636597	11250000	11999999

Total number of pulses in waveform = 34

Type 5 Radar Waveform_17

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	690780	3	10	75	1923	1443	1417	265696	0	799999
2	818536	3	10	65	1984	1309	1983	961259	800000	1599999
3	1306423	1	10	90	1754	0	0	1785071	1600000	2399999
4	895920	1	10	95	1011	0	0	3093248	2400000	3199999
5	762260	1	10	85	1204	0	0	3990179	3200000	3999999
6	119042	1	10	70	1611	0	0	4753643	4000000	4799999
7	1483659	2	10	85	1541	1424	0	4874296	4800000	5599999
8	111154	1	10	60	1134	0	0	6360920	5600000	6399999
9	796187	3	10	60	1219	1682	1504	6473208	6400000	7199999
10	931077	1	10	70	1978	0	0	7273800	7200000	7999999
11	734420	1	10	85	1032	0	0	8206855	8000000	8799999
12	851855	2	10	80	1051	1269	0	8942307	8800000	9599999
13	902423	3	10	100	1323	1798	1941	9796482	9600000	10399999
14	516813	3	10	90	1774	1189	1841	10703967	10400000	11199999
15	516813	3	10	75	1493	1482	1178	11225684	11200000	11999999

Total number of pulses in waveform = 29

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	74933	2	6	65	1802	1709	0	74933	0	799999
2	1028979	1	6	80	1575	0	0	1107423	800000	1599999
3	1185546	3	6	95	1507	1536	1103	2294544	1600000	2399999
4	359669	3	6	65	1408	1187	1395	2658359	2400000	3199999
5	784242	1	6	75	1571	0	0	3446591	3200000	3999999
6	591711	3	6	50	1266	1341	1502	4039873	4000000	4799999
7	1291583	3	6	85	1631	1785	1118	5335565	4800000	5599999
8	369921	2	6	100	1393	1940	0	5710020	5600000	6399999
9	1040007	3	6	65	1132	1596	1429	6753360	6400000	7199999
10	546741	1	6	70	1754	0	0	7304258	7200000	7999999
11	811104	1	6	100	1430	0	0	8117116	8000000	8799999
12	1387211	1	6	90	1352	0	0	9505757	8800000	9599999
13	759154	3	6	95	1698	1956	1053	10266263	9600000	10399999
14	620664	1	6	65	1052	0	0	10891634	10400000	11199999
15	1074258	3	6	50	1595	1417	1965	11966944	11200000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_19

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	214550	3	19	85	1686	1459	1767	214550	0	1499999
2	2006975	2	19	80	1180	1525	0	2226437	1500000	2999999
3	1761935	2	19	95	1585	1451	0	3991077	3000000	4499999
4	984720	1	19	100	1068	0	0	4978833	4500000	5999999
5	1971282	2	19	70	1970	1972	0	6951183	6000000	7499999
6	719532	3	19	50	1372	1617	1013	7674657	7500000	8999999
7	1800303	3	19	90	1859	1043	1142	9478962	9000000	10499999
8	1159719	1	19	100	1115	0	0	10642725	10500000	11999999

Total number of pulses in waveform = 17

Type 5 Radar Waveform_20

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	257573	2	14	50	1312	1454	0	257573	0	749999
2	972723	1	14	100	1274	0	0	1233062	750000	1499999
3	806956	3	14	90	1949	1464	1120	2041292	1500000	2249999
4	798898	2	14	60	1304	1579	0	2844723	2250000	2999999
5	216382	3	14	80	1642	1996	1629	3063988	3000000	3749999
6	828918	1	14	70	1126	0	0	3898173	3750000	4499999
7	950226	2	14	85	1851	1502	0	4849525	4500000	5249999
8	675549	1	14	80	1913	0	0	5528427	5250000	5999999
9	721038	1	14	75	1927	0	0	6251378	6000000	6749999
10	741164	2	14	60	1014	1778	0	6994469	6750000	7499999
11	1025486	2	14	80	1563	1123	0	8022747	7500000	8249999
12	800550	1	14	85	1005	0	0	8825983	8250000	8999999
13	462755	1	14	75	1258	0	0	9289743	9000000	9749999
14	1135531	3	14	70	1723	1907	1563	10426532	9750000	10499999
15	255605	1	14	80	1582	0	0	10697330	10500000	11249999
16	1095045	2	14	85	1480	1702	0	11793957	11250000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	631848	1	19	95	1708	0	0	631848	0	749999
2	426124	1	19	70	1414	0	0	1059680	750000	1499999
3	1168571	3	19	50	1975	1992	1101	2229665	1500000	2249999
4	202841	2	19	100	1346	1252	0	2437574	2250000	2999999
5	913407	2	19	50	1451	1787	0	3353579	3000000	3749999
6	675148	1	19	70	1549	0	0	4031965	3750000	4499999
7	916363	2	19	65	1792	1932	0	4949877	4500000	5249999
8	704327	1	19	55	1474	0	0	5657928	5250000	5999999
9	895586	2	19	85	1687	1450	0	6554988	6000000	6749999
10	792662	2	19	65	1578	1333	0	7350787	6750000	7499999
11	267638	1	19	70	1263	0	0	7621336	7500000	8249999
12	822599	1	19	70	1726	0	0	8445198	8250000	8999999
13	797451	3	19	70	1209	1672	1095	9244375	9000000	9749999
14	594913	1	19	95	1077	0	0	9843264	9750000	10499999
15	890113	2	19	65	1692	1201	0	10734454	10500000	11249999
16	612564	3	19	90	1301	1855	1290	11349911	11250000	11999999

Total number of pulses in waveform = 28

Type 5 Radar Waveform_22

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	90369	3	9	55	1938	1731	1868	90369	0	923076
2	827515	3	9	55	1116	1780	1529	923421	923077	1846153
3	1440818	2	9	70	1294	1309	0	2368664	1846154	2769230
4	923711	2	9	90	1370	1173	0	3294978	2769231	3692307
5	894382	1	9	75	1845	0	0	4191903	3692308	4615384
6	481146	3	9	85	1040	1026	1231	4674894	4615385	5538461
7	1417834	2	9	90	1033	1944	0	6096025	5538462	6461538
8	495715	1	9	75	1332	0	0	6594717	6461539	7384615
9	932830	2	9	100	1831	1208	0	7528879	7384616	8307692
10	1300712	2	9	100	1101	1129	0	8832630	8307693	9230769
11	685022	2	9	90	1555	1220	0	9519882	9230770	10153846
12	928057	1	9	75	1232	0	0	10450714	10153847	11076923
13	869080	3	9	70	1648	1335	1349	11321026	11076924	12000000

Total number of pulses in waveform = 27

Type 5 Radar Waveform_23

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	21426	3	10	75	1978	1093	1334	21426	0	705881
2	1163688	1	10	100	1507	0	0	1189519	705882	1411763
3	302659	2	10	90	1141	1009	0	1493685	1411764	2117645
4	1008400	3	10	75	1256	1875	1764	2504235	2117646	2823527
5	815707	3	10	50	1452	1101	1698	3324837	2823528	3529409
6	715971	3	10	95	1251	1164	1444	4045059	3529410	4235291
7	667020	3	10	65	1287	1279	2000	4715938	4235292	4941173
8	498700	1	10	50	1101	0	0	5219204	4941174	5647055
9	627022	3	10	90	1881	1772	1452	5847327	5647056	6352937
10	1053834	2	10	85	1869	1870	0	6906266	6352938	7058819
11	732139	3	10	65	1687	1001	1506	7642144	7058820	7764701
12	423860	3	10	90	1885	1666	1294	8070198	7764702	8470583
13	958987	1	10	70	1550	0	0	9034030	8470584	9176465
14	575391	1	10	100	1357	0	0	9610971	9176466	9882347
15	811261	1	10	60	1573	0	0	10423589	9882348	10588229
16	425300	2	10	75	1435	1724	0	10850462	10588230	11294111
17	608089	1	10	90	1477	0	0	11461710	11294112	11999993

Total number of pulses in waveform = 36

Type 5 Radar Waveform_24

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	417680	1	18	65	1399	0	0	417680	0	1090908
2	684202	2	18	90	1195	1852	0	1103281	1090909	2181817
3	1974687	2	18	65	1712	1503	0	3081015	2181818	3272726
4	458991	3	18	55	1108	1485	1742	3543221	3272727	4363635
5	1391822	2	18	50	1910	1537	0	4939378	4363636	5454544
6	687801	1	18	80	1604	0	0	5630626	5454545	6545453
7	1152146	2	18	60	1984	1113	0	6784376	6545454	7636362
8	1934697	2	18	70	1552	1194	0	8722170	7636363	8727271
9	406334	3	18	95	1257	1262	1618	9131250	8727272	9818180
10	1077907	3	18	100	1515	1165	1693	10213294	9818181	10909089
11	1676202	2	18	85	1878	1596	0	11893869	10909090	11999998

Total number of pulses in waveform = 23

Type 5 Radar Waveform_25

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	595238	1	6	85	1758	0	0	595238	0	666666
2	564941	1	6	75	1182	0	0	1161937	666667	1333333
3	372843	3	6	50	1466	1604	1752	1535962	1333334	2000000
4	1108776	2	6	100	1034	1891	0	2649560	2000001	2666667
5	656162	1	6	100	1692	0	0	3308647	2666668	3333334
6	244608	3	6	60	1039	1704	1619	3554947	3333335	4000001
7	786204	1	6	100	1552	0	0	4325513	4000002	4666668
8	664304	3	6	50	1075	1777	1609	4991369	4666669	5333335
9	674469	1	6	60	1770	0	0	5670299	5333336	6000002
10	822048	2	6	85	1592	1771	0	6494117	6000003	6666669
11	725677	2	6	55	1269	1385	0	7223157	6666670	7333336
12	553869	3	6	50	1799	1243	1795	7779680	7333337	8000003
13	569674	3	6	100	1624	1739	1961	8354191	8000004	8666670
14	356863	1	6	55	1326	0	0	8716378	8666671	9333337
15	685701	2	6	50	1888	1944	0	9403405	9333338	10000004
16	1081912	2	6	100	1456	1882	0	10489149	10000005	10666671
17	818936	1	6	60	1983	0	0	11311423	10666672	11333338
18	376133	3	6	50	1702	1996	1396	11689539	11333339	12000005

Total number of pulses in waveform = 35

Type 5 Radar Waveform_26

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	777016	3	14	85	1173	1120	1472	777016	0	999999
2	453473	3	14	100	1035	1388	1922	1234254	1000000	1999999
3	964488	2	14	65	1359	1365	0	2203087	2000000	2999999
4	1349817	2	14	60	1328	1249	0	3555628	3000000	3999999
5	883212	2	14	70	1881	1336	0	4441417	4000000	4999999
6	1313982	1	14	50	1167	0	0	5758616	5000000	5999999
7	853229	3	14	75	1973	1320	1272	6613012	6000000	6999999
8	1246505	2	14	60	1220	1443	0	7864082	7000000	7999999
9	659046	1	14	55	1707	0	0	8525791	8000000	8999999
10	1460640	2	14	55	1017	1570	0	9988138	9000000	9999999
11	931025	1	14	80	1557	0	0	10921750	10000000	10999999
12	666095	3	14	60	1718	1437	1799	11589402	11000000	11999999

Total number of pulses in waveform = 25

Type 5 Radar Waveform_27

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	584664	1	5	70	1146	0	0	584664	0	599999
2	351337	1	5	65	1461	0	0	937147	600000	1199999
3	430503	3	5	60	1671	1782	1718	1369111	1200000	1799999
4	467274	3	5	90	1107	1977	1181	1841566	1800000	2399999
5	1017038	1	5	95	1194	0	0	2862859	2400000	2999999
6	150728	2	5	90	1215	1632	0	3014781	3000000	3599999
7	769163	3	5	80	1888	1097	1563	3786791	3600000	4199999
8	775270	1	5	65	1806	0	0	4566609	4200000	4799999
9	620843	2	5	65	1699	1657	0	5189258	4800000	5399999
10	738002	2	5	70	1988	1913	0	5930616	5400000	5999999
11	601308	2	5	95	1537	1484	0	6555825	6000000	6599999
12	241579	1	5	75	1355	0	0	6780425	6600000	7199999
13	567657	3	5	85	1249	1577	1489	7349437	7200000	7799999
14	552497	3	5	75	1312	1302	1132	7906249	7800000	8399999
15	834794	2	5	75	1058	1243	0	8744789	8400000	8999999
16	726762	2	5	80	1524	1655	0	9473852	9000000	9599999
17	199132	3	5	70	1474	1720	1733	9676163	9600000	10199999
18	565492	2	5	70	1453	1871	0	10246582	10200000	10799999
19	561511	2	5	80	1824	1888	0	10811417	10800000	11399999
20	886418	2	5	100	1546	1785	0	11701547	11400000	11999999

Total number of pulses in waveform = 41

Type 5 Radar Waveform_28

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	334070	1	12	80	1301	0	0	334070	0	1333332
2	1948016	1	12	75	1043	0	0	2283387	1333333	2666665
3	1574330	2	12	75	1516	1745	0	3858760	2666666	3999998
4	595193	3	12	75	1402	1485	1852	4457214	3999999	5333331
5	1381055	3	12	75	1995	1628	1975	5843008	5333332	6666664
6	1619834	1	12	65	1720	0	0	7468440	6666665	7999997
7	1329551	1	12	50	1014	0	0	8799711	7999998	9333330
8	1083340	3	12	95	1696	1400	1217	9884065	9333331	10666663
9	1111966	2	12	100	1949	1567	0	11000344	10666664	11999996

Total number of pulses in waveform = 17

Type 5 Radar Waveform_29

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	857364	1	8	75	1391	0	0	857364	0	1333332
2	521509	3	8	50	1273	2000	1172	1380264	1333333	2666665
3	1749606	3	8	65	1235	1340	1787	3134315	2666666	3999998
4	1605168	2	8	95	1701	1606	0	4743845	3999999	5333331
5	1260622	2	8	75	1315	1089	0	6007774	5333332	6666664
6	1084751	2	8	100	1865	1025	0	7094929	6666665	7999997
7	1437331	1	8	90	1153	0	0	8535150	7999998	9333330
8	933195	3	8	90	1291	1825	1747	9469498	9333331	10666663
9	2061738	2	8	80	1400	1521	0	11536099	10666664	11999996

Total number of pulses in waveform = 19

Type 5 Radar Waveform_30

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	691706	1	17	100	1322	0	0	691706	0	1499999
2	2262638	3	17	85	1708	1275	1051	2955666	1500000	2999999
3	689825	2	17	60	1778	1115	0	3649525	3000000	4499999
4	2206154	3	17	50	1805	1445	1588	5858572	4500000	5999999
5	1298550	3	17	75	1971	1825	1634	7161960	6000000	7499999
6	1146421	2	17	65	1282	1716	0	8313811	7500000	8999999
7	1537800	1	17	100	1850	0	0	9854609	9000000	10499999
8	2088259	3	17	100	1412	1935	1626	11944718	10500000	11999999

Total number of pulses in waveform = 18

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	5253.7	1	16	5323.8	1
2	5258.9	1	17	5313.4	1
3	5264.1	1	18	5318.8	1
4	5269.1	1	19	5303.2	1
5	5274.3	1	20	5308.4	1
6	5279.3	1	21	5292.6	1
7	5284.5	1	22	5297.8	1
8	5290.0	1	23	5261.2	1
9	5329.0	1	24	5256.2	1
10	5321.4	1	25	5266.5	1
11	5316.2	1	26	5271.6	1
12	5310.8	1	27	5276.7	1
13	5305.8	1	28	5282.1	1
14	5300.6	1	29	5287.1	1
15	5295.3	1	30	5251.0	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5275	0	8	5286	24
10	5298	30	16	5262	48
11	5276	33	17	5254	51
24	5290	72	27	5293	81
35	5274	105	43	5255	129
66	5303	198	46	5283	138
67	5291	201	50	5266	150
75	5285	225	64	5276	192
84	5320	252	78	5269	234
98	5287	294	86	5281	258
--	--	--	97	5288	291
--	--	--	99	5257	297

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5297	6	0	5266	0
15	5266	45	2	5258	6
26	5279	78	15	5282	45
38	5254	114	31	5263	93
51	5303	153	39	5294	117
52	5275	156	40	5298	120
63	5284	189	43	5300	129
67	5261	201	50	5252	150
80	5295	240	58	5267	174
88	5293	264	61	5253	183
98	5257	294	62	5304	186
--	--	--	78	5271	234
--	--	--	99	5251	297

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5311	6	4	5288	12
16	5298	48	8	5266	24
31	5281	93	9	5300	27
35	5282	105	15	5305	45
36	5275	108	51	5318	153
38	5272	114	55	5309	165
59	5278	177	72	5274	216
67	5266	201	73	5313	219
68	5297	204	74	5273	222
74	5263	222	75	5265	225
82	5307	246	--	--	--
95	5285	285	--	--	--
98	5262	294	--	--	--

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5297	0	13	5306	39
5	5320	15	24	5260	72
7	5319	21	26	5295	78
9	5296	27	46	5265	138
11	5312	33	48	5311	144
18	5262	54	53	5316	159
29	5298	87	58	5271	174
47	5280	141	75	5307	225
53	5310	159	85	5274	255
58	5290	174	87	5312	261
67	5317	201	96	5317	288
85	5301	255	--	--	--
88	5272	264	--	--	--
89	5295	267	--	--	--
95	5279	285	--	--	--
99	5292	297	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5322	3	4	5266	12
3	5296	9	16	5307	48
24	5331	72	18	5321	54
26	5337	78	19	5319	57
28	5306	84	20	5308	60
40	5334	120	66	5323	198
48	5328	144	70	5313	210
54	5291	162	92	5297	276
59	5295	177	94	5280	282
60	5301	180	99	5273	297
62	5343	186	--	--	--
80	5315	240	--	--	--
93	5332	279	--	--	--
99	5327	297	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Frequency (MHz)	Hopping Number	Pulse Start (ms)
1	5283	3	8	5279	24
2	5317	6	16	5325	48
3	5304	9	33	5293	99
5	5281	15	35	5328	105
8	5322	24	37	5312	111
19	5315	57	47	5272	141
49	5334	147	49	5309	147
53	5287	159	51	5276	153
56	5296	168	55	5299	165
60	5298	180	56	5285	168
63	5303	189	65	5317	195
69	5328	207	71	5295	213
72	5291	216	92	5288	276
79	5333	237	99	5330	297
83	5301	249	--	--	--
91	5295	273	--	--	--

99	5332	297	--	--	--
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Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5270	3	2	5297	6
2	5271	6	11	5320	33
12	5328	36	16	5283	48
32	5275	96	21	5291	63
35	5330	105	23	5306	69
42	5284	126	26	5317	78
50	5318	150	27	5303	81
58	5277	174	28	5288	84
62	5304	186	53	5277	159
67	5317	201	68	5263	204
69	5295	207	71	5266	213
70	5285	210	74	5308	222
74	5323	222	78	5292	234
75	5293	225	--	--	--
91	5291	273	--	--	--
95	5307	285	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5301	3	7	5336	21
12	5287	36	13	5291	39
22	5310	66	17	5295	51
32	5276	96	28	5299	84
33	5266	99	30	5290	90
34	5279	102	42	5329	126
63	5285	189	44	5345	132
72	5292	216	63	5310	189
74	5296	222	72	5286	216
79	5277	237	73	5316	219
84	5297	252	79	5332	237
85	5308	255	--	--	--
93	5265	279	--	--	--
94	5264	282	--	--	--
95	5304	285	--	--	--
96	5289	288	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5299	0	2	5283	6
4	5292	12	3	5336	9
7	5305	21	13	5290	39
11	5316	33	24	5317	72
33	5276	99	28	5309	84
58	5320	174	38	5313	114
69	5288	207	39	5296	117
70	5325	210	45	5306	135
72	5275	216	53	5333	159
77	5302	231	59	5330	177
79	5279	237	68	5315	204
97	5322	291	84	5316	252
--	--	--	97	5301	291
--	--	--	99	5295	297

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
18	5294	54	0	5320	0
21	5266	63	7	5319	21
37	5295	111	10	5315	30
40	5316	120	14	5305	42
54	5312	162	34	5281	102
63	5292	189	36	5289	108
72	5275	216	42	5325	126
75	5317	225	50	5271	150
80	5289	240	61	5300	183
94	5283	282	63	5293	189
96	5296	288	64	5326	192
98	5286	294	69	5299	207
99	5271	297	72	5309	216
--	--	--	74	5291	222
--	--	--	80	5318	240
--	--	--	82	5283	246
--	--	--	83	5284	249

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
10	5267	30	4	5309	12
19	5274	57	9	5271	27
30	5289	90	15	5305	45
39	5261	117	20	5288	60
46	5320	138	24	5279	72
53	5264	159	26	5319	78
58	5281	174	30	5282	90
63	5317	189	37	5262	111
71	5272	213	40	5277	120
83	5302	249	58	5286	174
86	5279	258	64	5304	192
93	5314	279	66	5267	198
94	5290	282	74	5314	222
96	5306	288	97	5296	291
--	--	--	98	5313	294

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5268	24	8	5263	24
19	5296	57	11	5222	33
20	5250	60	12	5265	36
21	5247	63	13	5268	39
24	5255	72	15	5250	45
36	5270	108	25	5267	75
41	5266	123	34	5278	102
48	5259	144	35	5251	105
54	5272	162	42	5254	126
65	5276	195	56	5223	168
66	5277	198	65	5233	195
68	5293	204	69	5226	207
74	5260	222	75	5230	225
75	5290	225	95	5280	285
81	5297	243	--	--	--
84	5265	252	--	--	--
85	5275	255	--	--	--
95	5249	285	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5303	36	9	5241	27
13	5297	39	13	5239	39
22	5271	66	16	5248	48
25	5287	75	29	5258	87
41	5250	123	36	5286	108
61	5248	183	44	5274	132
72	5283	216	59	5231	177
76	5258	228	62	5272	186
87	5254	261	65	5277	195
97	5251	291	75	5245	225
--	--	--	87	5246	261
--	--	--	89	5289	267
--	--	--	90	5250	270
--	--	--	96	5263	288
--	--	--	99	5253	297

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5270	3	11	5279	33
8	5299	24	16	5296	48
15	5284	45	18	5263	54
18	5273	54	30	5293	90
22	5256	66	41	5317	123
32	5264	96	49	5309	147
38	5305	114	51	5288	153
48	5306	144	55	5272	165
49	5309	147	56	5274	168
54	5312	162	82	5308	246
64	5300	192	89	5280	267
67	5262	201	90	5302	270
74	5272	222	95	5277	285
77	5259	231	96	5318	288

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5264	24	4	5238	12
13	5311	39	7	5239	21
14	5277	42	15	5243	45
16	5288	48	17	5256	51
27	5273	81	30	5257	90
29	5300	87	37	5259	111
35	5280	105	39	5262	117
45	5307	135	48	5272	144
48	5267	144	50	5273	150
52	5291	156	64	5278	192
56	5263	168	81	5283	243
62	5266	186	83	5285	249
69	5272	207	97	5286	291
70	5276	210	--	--	--
83	5270	249	--	--	--
84	5298	252	--	--	--
87	5278	261	--	--	--
89	5283	267	--	--	--
94	5317	282	--	--	--
98	5318	294	--	--	--

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	5530.0	1	778	68	1
2	5555.7	1	738	72	1
3	5493.6	1	898	59	1
4	5552.5	1	598	89	1
5	5528.6	1	698	76	1
6	5516.7	1	818	65	1
7	5567.5	1	638	83	1
8	5558.6	1	718	74	1
9	5491.0	1	878	61	1
10	5566.7	1	938	57	1
11	5520.3	1	838	63	1
12	5549.3	1	618	86	1
13	5513.5	1	798	67	1
14	5561.2	1	658	81	1
15	5530.0	1	678	78	1
16	5496.4	1	1949	28	1
17	5564.5	1	1091	49	1
18	5533.5	1	2524	21	1
19	5526.7	1	1291	41	1
20	5547.2	1	1839	29	1
21	5523.6	1	1940	28	1
22	5568.3	1	1970	27	1
23	5543.1	1	1901	28	1
24	5499.2	1	2079	26	1
25	5569.0	1	1939	28	1
26	5536.8	1	2766	20	1
27	5509.3	1	1037	51	1
28	5539.4	1	2152	25	1
29	5502.8	1	1992	27	1
30	5505.4	1	2169	25	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	5527.3	3.2	176	24	0
2	5551.7	3.8	217	24	1
3	5508.6	3.0	197	23	1
4	5548.4	3.3	229	28	1
5	5554.5	1.9	196	26	1
6	5504.7	2.6	222	24	1
7	5530.0	4.5	161	23	1
8	5525.6	2.0	199	27	1
9	5512.3	4.2	229	27	1
10	5546.6	3.1	150	24	1
11	5501.5	4.4	172	25	1
12	5557.2	3.4	160	24	1
13	5530.0	5.0	224	23	1
14	5542.5	2.8	214	28	0
15	5498.4	3.6	226	28	1
16	5532.5	4.2	156	25	1
17	5560.3	2.9	200	23	1
18	5522.4	3.7	186	28	1
19	5538.9	2.4	192	28	1
20	5491.0	2.4	194	25	1
21	5563.7	3.8	195	25	1
22	5519.7	3.5	157	24	0
23	5566.4	2.5	160	27	1
24	5535.3	2.8	227	28	1
25	5515.6	1.9	198	23	1
26	5567.8	3.2	191	23	1
27	5565.6	3.2	204	27	1
28	5492.3	3.4	169	26	1
29	5569.0	3.8	181	29	0
30	5495.5	4.6	195	26	1
Detection Percentage (%)					86.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5503.6	9.0	423	16	1
2	5556.3	7.6	357	18	1
3	5530.0	9.6	442	17	1
4	5567.2	8.9	291	16	1
5	5500.6	6.4	299	18	1
6	5553.9	10.0	446	16	1
7	5530.0	6.2	389	16	1
8	5565.8	8.5	283	18	0
9	5507.5	8.5	471	18	1
10	5531.3	9.5	413	18	1
11	5491.0	8.2	433	17	1
12	5526.7	6.1	397	16	1
13	5497.4	6.8	422	17	1
14	5534.5	7.8	279	17	1
15	5494.6	8.9	301	18	1
16	5550.4	7.3	447	16	1
17	5511.3	7.6	347	17	0
18	5559.3	7.5	359	16	1
19	5491.4	9.9	410	17	1
20	5537.3	6.5	482	18	1
21	5524.5	6.7	367	17	1
22	5521.3	9.6	253	18	1
23	5547.6	6.1	386	17	1
24	5541.5	8.3	322	17	1
25	5514.8	8.8	279	18	1
26	5569.0	9.8	259	18	1
27	5545.7	8.8	418	17	1
28	5562.7	8.0	426	16	1
29	5518.5	9.5	300	17	1
30	5564.2	9.0	301	17	1
Detection Percentage (%)					93.3%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5515.6	17.7	421	15	1
2	5560.3	19.5	364	14	1
3	5532.5	16.1	467	16	0
4	5492.3	18.9	469	12	1
5	5557.2	17.6	491	16	1
6	5530.0	14.4	316	14	1
7	5563.7	17.2	364	12	1
8	5512.3	14.9	461	16	1
9	5535.3	16.3	364	16	0
10	5519.7	11.5	341	14	1
11	5554.5	17.4	400	16	1
12	5495.5	17.1	320	16	1
13	5530.0	12.7	316	13	1
14	5508.6	13.4	440	12	1
15	5538.9	16.4	489	14	1
16	5491.0	13.6	500	16	1
17	5542.5	12.4	383	16	0
18	5551.7	11.5	283	13	1
19	5522.4	14.1	378	12	1
20	5569.0	11.6	483	16	1
21	5504.7	13.9	264	16	1
22	5565.6	18.1	265	12	1
23	5527.3	11.4	264	13	1
24	5548.4	12.8	420	12	1
25	5525.6	14.4	364	15	1
26	5498.4	11.0	396	15	1
27	5566.4	15.7	284	13	1
28	5546.6	13.1	390	12	1
29	5567.8	19.1	256	14	0
30	5501.5	18.5	280	16	1
Detection Percentage (%)					86.7%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 86.7\% + 93.3\% + 86.7\%) / 4 = 91.7\% (>80\%)$

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5494.4	1	16	5530.0	1
2	5497.6	1	17	5530.0	1
3	5496.8	1	18	5530.0	1
4	5495.2	1	19	5530.0	1
5	5498.8	1	20	5530.0	1
6	5495.6	1	21	5564.0	1
7	5499.6	1	22	5560.8	1
8	5494.0	1	23	5564.4	1
9	5499.2	1	24	5563.2	1
10	5496.0	1	25	5561.2	1
11	5530.0	1	26	5566.0	1
12	5530.0	1	27	5560.4	1
13	5530.0	1	28	5565.6	1
14	5530.0	1	29	5564.8	1
15	5530.0	1	30	5562.4	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1										
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	216692	2	6	75	1365	1712	0	216692	0	666666
2	509001	3	6	60	1385	1875	1538	728770	666667	1333333
3	835483	3	6	50	1098	1470	1361	1569051	1333334	2000000
4	604627	1	6	75	1336	0	0	2177607	2000001	2666667
5	651745	2	6	95	1690	1393	0	2830688	2666668	3333334
6	607590	2	6	65	1316	1280	0	3441361	3333335	4000001
7	849635	2	6	60	1704	1131	0	4293592	4000002	4666668
8	430202	2	6	65	1430	1079	0	4726629	4666669	5333335
9	621360	2	6	60	1941	1972	0	5350498	5333336	6000002
10	915632	1	6	95	1031	0	0	6270043	6000003	6666669
11	682894	2	6	60	1162	1466	0	6953968	6666670	7333336
12	709200	2	6	80	1877	1101	0	7665786	7333337	8000003
13	651213	1	6	70	1332	0	0	8319977	8000004	8666670
14	662987	2	6	65	1781	1427	0	8984296	8666671	9333337
15	375726	1	6	80	1230	0	0	9363230	9333338	10000004
16	1177051	2	6	65	1932	1529	0	10541511	10000005	10666671
17	605958	1	6	85	1562	0	0	11150930	10666672	11333338
18	625507	1	6	100	1104	0	0	11777999	11333339	12000005
Total number of pulses in waveform = 32 *****										