

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5561.3	2.4	158	25	1
2	5501.4	2.6	185	26	1
3	5563.4	4.2	173	24	1
4	5510.1	1.6	198	24	1
5	5568.5	1.8	189	29	1
6	5492.5	4.8	190	23	1
7	5558.0	1.3	168	27	1
8	5569.0	4.0	219	24	1
9	5504.7	2.3	225	23	1
10	5543.5	4.8	174	24	1
11	5522.4	4.7	223	28	1
12	5495.6	4.2	184	29	1
13	5528.7	1.7	201	28	1
14	5555.5	2.0	156	24	1
15	5491.0	3.5	199	25	1
16	5552.5	1.0	211	24	1
17	5537.2	4.6	174	29	1
18	5507.2	4.3	210	23	1
19	5565.5	5.0	179	24	1
20	5540.6	4.4	230	24	1
21	5498.8	1.1	202	25	1
22	5567.2	3.3	219	26	1
23	5525.6	1.5	223	25	1
24	5546.2	1.3	162	29	1
25	5513.4	4.8	206	28	1
26	5531.4	2.3	207	23	1
27	5519.6	2.1	150	23	1
28	5534.6	4.2	213	26	1
29	5549.7	1.4	213	26	1
30	5516.2	3.6	173	27	1
Detection Percentage (%)					100%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5502.7	6.7	366	16	1
2	5493.6	9.6	280	16	1
3	5563.0	6.2	306	18	1
4	5511.1	7.5	288	17	1
5	5568.8	7.5	462	18	1
6	5505.6	7.1	301	16	1
7	5569.0	9.3	361	17	1
8	5562.3	7.4	269	16	1
9	5496.8	9.3	396	17	1
10	5553.4	9.2	392	18	1
11	5523.7	8.2	368	18	1
12	5514.7	9.8	349	18	1
13	5556.6	7.5	388	18	1
14	5532.9	9.0	382	16	1
15	5491.0	9.6	370	17	1
16	5550.4	8.0	379	18	1
17	5529.3	7.3	448	16	1
18	5541.9	6.6	432	16	1
19	5499.2	6.3	280	17	1
20	5547.6	9.8	426	18	1
21	5508.2	7.4	483	18	1
22	5559.9	6.8	490	16	1
23	5526.2	9.2	411	18	1
24	5565.7	6.3	481	17	1
25	5517.5	9.7	445	17	1
26	5535.2	8.1	389	17	1
27	5538.7	6.6	300	18	1
28	5544.5	9.1	290	18	1
29	5520.3	6.9	370	17	1
30	5567.3	8.7	374	16	1
Detection Percentage (%)					100%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5563.6	17.7	464	13	1
2	5567.9	19.5	373	14	1
3	5500.0	13.9	281	13	1
4	5564.8	11.7	315	16	1
5	5494.2	19.7	479	15	1
6	5565.2	12.7	305	14	1
7	5506.5	15.6	295	12	1
8	5521.3	14.1	298	15	1
9	5545.7	19.2	406	15	1
10	5491.0	11.5	335	15	1
11	5562.3	19.5	389	15	0
12	5515.8	14.5	280	14	1
13	5557.9	19.8	379	14	1
14	5497.5	13.9	284	13	0
15	5536.3	19.1	283	13	1
16	5524.7	16.9	360	16	1
17	5551.5	16.2	338	15	1
18	5503.3	16.1	264	14	1
19	5533.4	14.1	412	16	1
20	5554.8	12.6	252	14	1
21	5509.5	17.3	471	13	1
22	5560.7	19.2	256	13	1
23	5539.8	18.7	486	16	0
24	5530.0	19.4	325	16	1
25	5512.6	11.9	426	13	0
26	5569.0	18.9	465	13	1
27	5542.5	15.6	358	13	1
28	5518.4	16.8	474	14	1
29	5568.3	16.8	426	13	0
30	5548.2	14.8	319	15	1
Detection Percentage (%)					83.3%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (96.7\% + 100\% + 100\% + 83.3\%) / 4 = 95.0\% (>80\%)$

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5498.3	1	16	5530.0	1
2	5496.3	1	17	5530.0	1
3	5495.5	1	18	5530.0	1
4	5493.9	1	19	5530.0	1
5	5493.5	0	20	5530.0	1
6	5498.7	1	21	5564.5	1
7	5495.1	1	22	5565.3	1
8	5499.1	1	23	5563.7	1
9	5494.7	1	24	5560.9	1
10	5497.1	1	25	5566.1	1
11	5530.0	0	26	5566.5	1
12	5530.0	1	27	5561.3	1
13	5530.0	1	28	5564.9	1
14	5530.0	1	29	5562.9	1
15	5530.0	1	30	5561.7	1
Detection Percentage (%)					93.3%

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	636450	2	17	75	1692	1677	0	636450	0	705881
2	754710	3	17	75	1553	1103	1474	1394529	705882	1411763
3	596764	2	17	75	1623	1949	0	1995423	1411764	2117645
4	741128	1	17	90	1123	0	0	2740123	2117646	2823527
5	285344	1	17	65	1886	0	0	3026590	2823528	3529409
6	1146692	3	17	70	1472	1171	1852	4175168	3529410	4235291
7	203735	1	17	95	1479	0	0	4383398	4235292	4941173
8	946870	3	17	50	1690	1233	1277	5331747	4941174	5647055
9	760568	1	17	55	1568	0	0	6096515	5647056	6352937
10	647223	1	17	100	1101	0	0	6745306	6352938	7058819
11	327783	2	17	80	1164	1971	0	7074190	7058820	7764701
12	1172755	1	17	75	1491	0	0	8250080	7764702	8470583
13	793439	2	17	50	1324	1316	0	9045010	8470584	9176465
14	322078	1	17	100	1922	0	0	9369728	9176466	9882347
15	1187494	1	17	50	1445	0	0	10559144	9882348	10588229
16	77078	2	17	95	1679	1743	0	10637667	10588230	11294111
17	1145794	3	17	100	1901	1005	1865	11786883	11294112	11999993
Total number of pulses in waveform = 30 *****										



Type 5 Radar Waveform_2

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	368885	2	12	70	1156	1679	0	368885	0	799999
2	508056	1	12	75	1006	0	0	879776	800000	1599999
3	841076	1	12	50	1439	0	0	1721858	1600000	2399999
4	1133810	3	12	100	1524	1882	1937	2857107	2400000	3199999
5	781296	3	12	65	1111	1634	1696	3643746	3200000	3999999
6	949373	1	12	100	1640	0	0	4597560	4000000	4799999
7	839776	1	12	55	1641	0	0	5438976	4800000	5599999
8	430480	3	12	100	1100	1072	1106	5871097	5600000	6399999
9	703631	1	12	65	1148	0	0	6578006	6400000	7199999
10	1070632	2	12	75	1022	1405	0	7649786	7200000	7999999
11	1058749	2	12	80	1275	1617	0	8710962	8000000	8799999
12	529601	3	12	100	1687	1184	1652	9243455	8800000	9599999
13	605322	2	12	70	1122	1514	0	9853300	9600000	10399999
14	861731	3	12	50	1734	1843	1223	10717667	10400000	11199999
15	998195	2	12	65	1057	1003	0	11720662	11200000	11999999

Total number of pulses in waveform = 30

Type 5 Radar Waveform_3

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	448313	2	10	65	1510	1882	0	448313	0	799999
2	872205	1	10	75	1346	0	0	1323910	800000	1599999
3	764751	1	10	80	1058	0	0	2090007	1600000	2399999
4	830344	1	10	80	1782	0	0	2921409	2400000	3199999
5	800085	2	10	85	1158	1633	0	3723276	3200000	3999999
6	604869	3	10	100	1845	1190	1510	4330936	4000000	4799999
7	696321	1	10	95	1032	0	0	5031802	4800000	5599999
8	774867	1	10	85	1126	0	0	5807701	5600000	6399999
9	1365240	1	10	95	1540	0	0	7174067	6400000	7199999
10	336876	2	10	85	1937	1301	0	7512483	7200000	7999999
11	626734	1	10	75	1334	0	0	8142455	8000000	8799999
12	1322420	3	10	50	1167	1911	1224	9466209	8800000	9599999
13	184691	3	10	85	1099	1724	1518	9655202	9600000	10399999
14	798793	3	10	75	1065	1360	1824	10458336	10400000	11199999
15	1230067	2	10	80	1795	1643	0	11692652	11200000	11999999

Total number of pulses in waveform = 27

Type 5 Radar Waveform_4

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	780691	2	6	80	1549	1764	0	780691	0	857142
2	266700	1	6	100	1823	0	0	1050704	857143	1714285
3	1348498	2	6	60	1254	1027	0	2401025	1714286	2571428
4	456966	1	6	65	1036	0	0	2860272	2571429	3428571
5	1188978	1	6	55	1609	0	0	4050286	3428572	4285714
6	890243	2	6	50	1540	1104	0	4942138	4285715	5142857
7	399135	2	6	70	1788	1384	0	5343917	5142858	6000000
8	1122599	1	6	55	1697	0	0	6469688	6000001	6857143
9	589764	2	6	50	1955	1727	0	7061149	6857144	7714286
10	1220407	2	6	65	1152	1838	0	8285238	7714287	8571429
11	758842	1	6	70	1968	0	0	9047070	8571430	9428572
12	1077040	3	6	50	1168	1450	1157	10126078	9428573	10285715
13	177960	1	6	50	1888	0	0	10307813	10285716	11142858
14	1307033	2	6	55	1620	1667	0	11616734	11142859	12000001

Total number of pulses in waveform = 23



Type 5 Radar Waveform_5

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	710835	1	5	100	1170	0	0	710835	0	923076
2	1070882	2	5	70	1185	1224	0	1782887	923077	1846153
3	510906	2	5	50	1975	1092	0	2296202	1846154	2769230
4	839534	3	5	65	1712	1750	1789	3138803	2769231	3692307
5	748360	3	5	70	1586	1997	1000	3892414	3692308	4615384
6	1092240	1	5	60	1258	0	0	4989237	4615385	5538461
7	1414239	1	5	70	1081	0	0	6404734	5538462	6461538
8	679078	2	5	65	1456	1568	0	7084893	6461539	7384615
9	1155987	1	5	85	1698	0	0	8243904	7384616	8307692
10	544464	1	5	90	1464	0	0	8790066	8307693	9230769
11	1035675	3	5	65	1736	1989	1639	9827205	9230770	10153846
12	546723	1	5	50	1592	0	0	10379292	10153847	11076923
13	1050422	3	5	95	1750	1126	1435	11431306	11076924	12000000

Total number of pulses in waveform = 24

Type 5 Radar Waveform_6

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	254890	1	18	60	1284	0	0	254890	0	1199999
2	1466993	3	18	80	1132	1873	1264	1723167	1200000	2399999
3	806440	1	18	50	1387	0	0	2533876	2400000	3599999
4	1551336	1	18	50	1455	0	0	4086599	3600000	4799999
5	1565621	3	18	95	1094	1354	1903	5653675	4800000	5999999
6	1457032	2	18	65	1755	1244	0	7115058	6000000	7199999
7	210815	2	18	100	1031	1113	0	7328872	7200000	8399999
8	2174856	1	18	100	1918	0	0	9505872	8400000	9599999
9	194624	1	18	85	1809	0	0	9702414	9600000	10799999
10	1387415	2	18	50	1457	1619	0	11091638	10800000	11999999

Total number of pulses in waveform = 17

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	619260	2	9	100	1715	1300	0	619260	0	799999
2	712735	2	9	75	1613	1198	0	1335010	800000	1599999
3	693846	1	9	95	1857	0	0	2031667	1600000	2399999
4	535105	3	9	80	1851	1994	1330	2568629	2400000	3199999
5	1216416	1	9	95	1535	0	0	3790220	3200000	3999999
6	666849	1	9	85	1275	0	0	4458604	4000000	4799999
7	573415	3	9	90	1378	1633	1930	5033294	4800000	5599999
8	904378	1	9	75	1793	0	0	5942613	5600000	6399999
9	1082017	3	9	60	1000	1620	1158	7026423	6400000	7199999
10	487534	3	9	55	1391	1781	1993	7517735	7200000	7999999
11	630168	2	9	50	1262	1033	0	8153068	8000000	8799999
12	680917	1	9	90	1609	0	0	8836280	8800000	9599999
13	1062875	2	9	80	1756	1439	0	9900764	9600000	10399999
14	905282	1	9	55	1565	0	0	10809241	10400000	11199999
15	811398	2	9	50	1055	1350	0	11622204	11200000	11999999

Total number of pulses in waveform = 28



Type 5 Radar Waveform_8

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	840631	3	19	65	1210	1136	1416	840631	0	999999
2	552758	2	19	95	1220	1009	0	1397151	1000000	1999999
3	1133233	1	19	50	1510	0	0	2532613	2000000	2999999
4	776413	2	19	50	1732	1893	0	3310536	3000000	3999999
5	726704	1	19	60	1750	0	0	4040865	4000000	4999999
6	1423632	2	19	85	1604	1235	0	5466247	5000000	5999999
7	656553	1	19	95	1061	0	0	6125639	6000000	6999999
8	1700168	3	19	60	1791	1847	1436	7826868	7000000	7999999
9	1052635	3	19	70	1536	1054	1793	8884577	8000000	8999999
10	381774	1	19	75	1883	0	0	9270734	9000000	9999999
11	1564249	3	19	90	1735	1423	1538	10836866	10000000	10999999
12	967491	2	19	95	1142	1026	0	11809053	11000000	11999999

Total number of pulses in waveform = 24

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	598119	1	8	85	1882	0	0	598119	0	799999
2	919586	1	8	55	1779	0	0	1519587	800000	1599999
3	233887	2	8	60	1485	1834	0	1755253	1600000	2399999
4	1158497	2	8	70	1830	1055	0	2917069	2400000	3199999
5	891465	1	8	100	1108	0	0	3811419	3200000	3999999
6	575581	3	8	80	1376	1314	1979	4388108	4000000	4799999
7	598162	2	8	65	1583	1596	0	4990939	4800000	5599999
8	1225370	3	8	65	1874	1856	1942	6219488	5600000	6399999
9	954945	2	8	100	1881	1934	0	7180105	6400000	7199999
10	207415	1	8	85	1421	0	0	7391335	7200000	7999999
11	804344	2	8	85	1618	1126	0	8197100	8000000	8799999
12	1389950	2	8	90	1972	1951	0	9589794	8800000	9599999
13	428587	1	8	60	1735	0	0	10022304	9600000	10399999
14	869674	2	8	90	1748	1818	0	10893713	10400000	11199999
15	1030833	1	8	50	1244	0	0	11928112	11200000	11999999

Total number of pulses in waveform = 26

Type 5 Radar Waveform_10

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	47121	2	14	60	1857	1167	0	47121	0	999999
2	1106490	3	14	50	1476	1506	1810	1156635	1000000	1999999
3	1265382	1	14	70	1723	0	0	2426809	2000000	2999999
4	590729	2	14	70	1203	1505	0	3019261	3000000	3999999
5	1361383	2	14	90	1597	1916	0	4383352	4000000	4999999
6	1126763	2	14	85	1862	1060	0	5513628	5000000	5999999
7	1337678	2	14	85	1019	1829	0	6854228	6000000	6999999
8	313344	2	14	65	1171	1444	0	7170420	7000000	7999999
9	1003068	3	14	55	1223	1777	1087	8176103	8000000	8999999
10	1508254	1	14	80	1651	0	0	9688444	9000000	9999999
11	1041742	2	14	65	1906	1603	0	10731837	10000000	10999999
12	601420	2	14	65	1290	1822	0	11336766	11000000	11999999

Total number of pulses in waveform = 24



Type 5 Radar Waveform_11

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	211497	3	17	80	1160	1930	1361	211497	0	749999
2	694329	2	17	55	1973	1788	0	910277	750000	1499999
3	1175730	2	17	65	1655	1981	0	2089768	1500000	2249999
4	183833	3	17	75	1124	1866	1133	2277237	2250000	2999999
5	923739	2	17	75	1721	1374	0	3205099	3000000	3749999
6	966813	3	17	80	1743	1442	1045	4175007	3750000	4499999
7	912819	3	17	50	1632	1701	1796	5092056	4500000	5249999
8	567421	2	17	55	1142	1237	0	5664606	5250000	5999999
9	942832	3	17	60	1284	1043	1810	6609817	6000000	6749999
10	207707	2	17	100	1565	1627	0	6821661	6750000	7499999
11	852884	3	17	80	1336	1833	1795	7677737	7500000	8249999
12	837593	3	17	65	1756	1205	1852	8520294	8250000	8999999
13	969651	1	17	75	1353	0	0	9494758	9000000	9749999
14	472500	1	17	75	1340	0	0	9968611	9750000	10499999
15	599455	3	17	55	1902	1123	1467	10569406	10500000	11249999
16	1344887	1	17	80	1682	0	0	11918785	11250000	11999999

Total number of pulses in waveform = 37

Type 5 Radar Waveform_12

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	621842	2	10	80	1257	1082	0	621842	0	1090908
2	1473099	2	10	85	1169	1051	0	2097280	1090909	2181817
3	1094730	3	10	70	1332	1082	1649	3194230	2181818	3272726
4	541012	3	10	95	1032	1545	1883	3739305	3272727	4363635
5	918775	2	10	55	1478	1905	0	4662540	4363636	5454544
6	1167481	1	10	85	1505	0	0	5833404	5454545	6545453
7	1758008	3	10	80	1292	1920	1919	7592917	6545454	7636362
8	779067	2	10	65	1794	1552	0	8377115	7636363	8727271
9	687622	2	10	70	1868	1230	0	9068083	8727272	9818180
10	1772967	2	10	75	1892	1486	0	10844148	9818181	10909089
11	655783	1	10	75	1733	0	0	11503309	10909090	11999998

Total number of pulses in waveform = 23

Type 5 Radar Waveform_13

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	416447	2	12	95	1132	1135	0	416447	0	666666
2	476070	1	12	70	1225	0	0	894784	666667	1333333
3	962215	3	12	100	1013	1475	1219	1858224	1333334	2000000
4	247569	1	12	85	1111	0	0	2109500	2000001	2666667
5	1176982	3	12	70	1666	1575	1503	3287593	2666668	3333334
6	605707	2	12	65	1067	1341	0	3898044	3333335	4000001
7	660433	1	12	80	1293	0	0	4560885	4000002	4666668
8	588642	1	12	85	1365	0	0	5150820	4666669	5333335
9	494289	3	12	80	1846	1643	1029	5646474	5333336	6000002
10	912875	2	12	50	1555	1412	0	6563867	6000003	6666669
11	157321	1	12	85	1527	0	0	6724155	6666670	7333336
12	681130	3	12	65	1408	1140	1115	7406812	7333337	8000003
13	770008	1	12	50	1343	0	0	8180483	8000004	8666670
14	962321	1	12	75	1148	0	0	9144147	8666671	9333337
15	692012	3	12	65	1373	1825	1762	9837307	9333338	10000004
16	435549	1	12	65	1339	0	0	10277816	10000005	10666671
17	583003	2	12	100	1464	1392	0	10862158	10666672	11333338
18	974850	1	12	80	1755	0	0	11839864	11333339	12000005

Total number of pulses in waveform = 32



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	140888	1	14	80	1828	0	0	140888	0	599999
2	754589	3	14	70	1808	1388	1908	897285	600000	1199999
3	846496	2	14	95	1618	1807	0	1748885	1200000	1799999
4	324604	1	14	60	1502	0	0	2076914	1800000	2399999
5	668023	3	14	90	1338	1261	1022	2746439	2400000	2999999
6	538992	1	14	95	1435	0	0	3289052	3000000	3599999
7	325330	1	14	60	1495	0	0	3615817	3600000	4199999
8	1032605	3	14	90	1041	1340	1656	4649917	4200000	4799999
9	724232	1	14	85	1751	0	0	5378186	4800000	5399999
10	451579	2	14	75	1316	1042	0	5831516	5400000	5999999
11	366911	3	14	70	1151	1499	1343	6200785	6000000	6599999
12	890575	1	14	90	1899	0	0	7095353	6600000	7199999
13	204219	1	14	65	1125	0	0	7301471	7200000	7799999
14	939221	1	14	70	1160	0	0	8241817	7800000	8399999
15	362565	1	14	60	1898	0	0	8605542	8400000	8999999
16	967607	2	14	90	1397	1494	0	9575047	9000000	9599999
17	82717	1	14	55	1853	0	0	9660655	9600000	10199999
18	828553	2	14	80	1683	1489	0	10491061	10200000	10799999
19	350640	3	14	75	1394	1474	1047	10844873	10800000	11399999
20	616656	1	14	65	1352	0	0	11465444	11400000	11999999

Total number of pulses in waveform = 34

Type 5 Radar Waveform_15

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	486613	1	6	70	1576	0	0	486613	0	631578
2	530737	3	6	90	1536	1488	1186	1018926	631579	1263157
3	310334	1	6	100	1134	0	0	1333470	1263158	1894736
4	835987	2	6	95	1489	1642	0	2170591	1894737	2526315
5	366958	2	6	80	1836	1170	0	2540680	2526316	3157894
6	1184647	2	6	60	1055	1005	0	3728333	3157895	3789473
7	135934	1	6	50	1718	0	0	3866327	3789474	4421052
8	797466	1	6	100	1068	0	0	4665511	4421053	5052631
9	994739	1	6	80	1911	0	0	5661318	5052632	5684210
10	197212	2	6	85	1780	1097	0	5860441	5684211	6315789
11	980987	3	6	80	1394	1033	1509	6844305	6315790	6947368
12	533033	3	6	65	1913	1374	1617	7381274	6947369	7578947
13	796051	3	6	55	1833	1859	1479	8182229	7578948	8210526
14	76404	1	6	85	1867	0	0	8263804	8210527	8842105
15	609015	1	6	80	1903	0	0	8874686	8842106	9473684
16	868173	2	6	50	1300	1906	0	9744762	9473685	10105263
17	499201	2	6	75	1851	1593	0	10247169	10105264	10736842
18	1106462	3	6	90	1196	1751	1043	11357075	10736843	11368421
19	430400	2	6	100	1058	1363	0	11791465	11368422	12000000

Total number of pulses in waveform = 36

Type 5 Radar Waveform_16

Num of Bursts = 14

Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	757230	3	19	50	1215	1450	1678	757230	0	857142
2	678469	2	19	80	1016	1425	0	1440042	857143	1714285
3	663134	3	19	80	1436	1027	1665	2105617	1714286	2571428
4	628184	1	19	90	1550	0	0	2737929	2571429	3428571
5	999121	2	19	60	1625	1086	0	3738600	3428572	4285714
6	701955	2	19	50	1506	1190	0	4443266	4285715	5142857
7	997676	2	19	70	1793	1461	0	5443638	5142858	6000000
8	762543	3	19	80	1088	1489	1904	6209435	6000001	6857143
9	974704	1	19	55	1630	0	0	7188620	6857144	7714286
10	965938	3	19	70	1333	1332	1385	8156188	7714287	8571429
11	956658	3	19	50	1988	1466	1007	9116896	8571430	9428572
12	954848	2	19	75	1932	1352	0	10076205	9428573	10285715
13	467398	2	19	55	1938	1481	0	10546887	10285716	11142858
14	1043757	3	19	55	1843	1782	1730	11594063	11142859	12000001

Total number of pulses in waveform = 32

Type 5 Radar Waveform_17

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	486898	2	18	55	1789	1889	0	486898	0	1499999
2	1821510	3	18	80	1970	1051	1093	2312086	1500000	2999999
3	1325630	1	18	90	1834	0	0	3641830	3000000	4499999
4	2007479	2	18	65	1801	1317	0	5651143	4500000	5999999
5	1144477	3	18	70	1758	1109	1779	6798738	6000000	7499999
6	902755	1	18	95	1921	0	0	7706139	7500000	8999999
7	1756140	3	18	75	1936	1959	1835	9464200	9000000	10499999
8	1599676	3	18	50	1887	1812	1971	11069606	10500000	11999999

Total number of pulses in waveform = 18

Type 5 Radar Waveform_18

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	811144	3	5	100	1396	1993	1547	811144	0	1499999
2	1593721	2	5	60	1575	1725	0	2409801	1500000	2999999
3	977467	2	5	55	1850	1600	0	3390568	3000000	4499999
4	1926457	2	5	70	1004	1381	0	5320475	4500000	5999999
5	2088399	2	5	80	1984	1077	0	7411259	6000000	7499999
6	237542	3	5	60	1670	1431	1013	7651862	7500000	8999999
7	2231361	1	5	90	1707	0	0	9887337	9000000	10499999
8	625407	1	5	75	1670	0	0	10514451	10500000	11999999

Total number of pulses in waveform = 16

Type 5 Radar Waveform_19

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	556743	3	8	75	1984	1508	1792	556743	0	999999
2	774967	3	8	80	1728	1754	1177	1336994	1000000	1999999
3	1181189	3	8	50	1395	1476	1658	2522842	2000000	2999999
4	1136309	2	8	55	1370	1689	0	3663680	3000000	3999999
5	374525	2	8	90	1766	1429	0	4041264	4000000	4999999
6	1085565	2	8	75	1230	1446	0	5130024	5000000	5999999
7	1294919	2	8	50	1711	1239	0	6427619	6000000	6999999
8	1090630	2	8	70	1870	1713	0	7521199	7000000	7999999
9	888585	2	8	60	1905	1241	0	8413367	8000000	8999999
10	602444	1	8	95	1925	0	0	9018957	9000000	9999999
11	1383575	3	8	55	1881	1241	1696	10404457	10000000	10999999
12	1541709	3	8	85	1165	1491	1699	11950984	11000000	11999999

Total number of pulses in waveform = 28



Type 5 Radar Waveform_20

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1799	3	9	50	1885	1849	1571	1799	0	999999
2	1146815	2	9	60	1728	1706	0	1153919	1000000	1999999
3	1197229	3	9	55	1629	1289	1424	2354582	2000000	2999999
4	827468	2	9	85	1176	1517	0	3186392	3000000	3999999
5	1372807	2	9	85	1617	1023	0	4561892	4000000	4999999
6	746258	2	9	60	1967	1770	0	5310790	5000000	5999999
7	1433637	1	9	70	1883	0	0	6748164	6000000	6999999
8	611035	2	9	60	1044	1072	0	7361082	7000000	7999999
9	1543724	2	9	60	1042	1964	0	8906922	8000000	8999999
10	682244	2	9	95	1791	1872	0	9592172	9000000	9999999
11	464704	3	9	70	1694	1518	1464	10060539	10000000	10999999
12	1291302	3	9	100	1988	1036	1772	11356517	11000000	11999999

Total number of pulses in waveform = 27

Type 5 Radar Waveform_21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	405253	3	10	65	1578	1581	1692	405253	0	923076
2	647508	2	10	100	1521	1310	0	1057612	923077	1846153
3	1092618	1	10	90	1783	0	0	2153061	1846154	2769230
4	622664	2	10	85	1005	1575	0	2777508	2769231	3692307
5	1003938	1	10	85	1598	0	0	3784026	3692308	4615384
6	1628399	3	10	95	1836	1552	1737	5414023	4615385	5538461
7	297892	2	10	85	1719	1828	0	5717040	5538462	6461538
8	1174600	2	10	100	1696	1545	0	6895187	6461539	7384615
9	1007711	1	10	50	1765	0	0	7906139	7384616	8307692
10	626908	1	10	90	1341	0	0	8534812	8307693	9230769
11	1483564	2	10	70	1616	1268	0	10019717	9230770	10153846
12	973999	2	10	80	1060	1653	0	10996600	10153847	11076923
13	524544	2	10	95	1102	1724	0	11523857	11076924	12000000

Total number of pulses in waveform = 24

Type 5 Radar Waveform_22

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	107567	1	8	90	1644	0	0	107567	0	749999
2	728086	2	8	85	1557	1844	0	837297	750000	1499999
3	975418	1	8	65	1352	0	0	1816116	1500000	2249999
4	383056	2	8	95	1938	1995	0	2700524	2250000	2999999
5	652054	2	8	70	1480	1431	0	3356511	3000000	3749999
6	702991	1	8	60	1415	0	0	4062413	3750000	4499999
7	746221	2	8	60	1300	1805	0	4810049	4500000	5249999
8	584189	2	8	50	1094	1629	0	5397343	5250000	5999999
9	1256344	2	8	80	1575	1273	0	6656410	6000000	6749999
10	506549	1	8	80	1655	0	0	7165807	6750000	7499999
11	989849	2	8	95	1188	1654	0	8157311	7500000	8249999
12	410694	1	8	60	1883	0	0	8570847	8250000	8999999
13	528635	2	8	100	1313	1269	0	9101365	9000000	9749999
14	982557	1	8	50	1764	0	0	10086504	9750000	10499999
15	869345	3	8	100	1462	1135	1915	10957613	10500000	11249999
16	813866	1	8	55	1077	0	0	11775991	11250000	11999999

Total number of pulses in waveform = 26



Type 5 Radar Waveform_23

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	428063	3	12	60	1899	1382	1188	428063	0	631578
2	818368	2	12	60	1643	1476	0	1250900	631579	1263157
3	228335	3	12	95	1675	1445	1264	1482354	1263158	1894736
4	721462	2	12	70	1344	1703	0	2208200	1894737	2526315
5	839935	1	12	100	1911	0	0	3051182	2526316	3157894
6	673832	2	12	70	1862	1078	0	3726925	3157895	3789473
7	456378	2	12	50	1052	1901	0	4186243	3789474	4421052
8	332213	2	12	65	1267	1385	0	4521409	4421053	5052631
9	1063977	3	12	80	1716	1242	1360	5588038	5052632	5684210
10	576059	1	12	65	1727	0	0	6168415	5684211	6315789
11	467307	3	12	70	1196	1074	1793	6637449	6315790	6947368
12	731474	3	12	65	1239	1005	1630	7372986	6947369	7578947
13	456825	3	12	95	1636	1854	1037	7833685	7578948	8210526
14	489259	1	12	80	1786	0	0	8327471	8210527	8842105
15	564152	1	12	95	1632	0	0	8893409	8842106	9473684
16	940996	2	12	50	1001	1454	0	9836037	9473685	10105263
17	992832	2	12	50	1270	1926	0	10231324	10105264	10736842
18	925532	3	12	60	1709	1669	1676	11160052	10736843	11368421
19	800373	2	12	75	1671	1190	0	11965479	11368422	12000000

Total number of pulses in waveform = 41

Type 5 Radar Waveform_24

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	227829	1	19	50	1034	0	0	227829	0	1333332
2	2103465	1	19	50	1933	0	0	2332328	1333333	2666665
3	449152	2	19	50	1674	1256	0	2783413	2666666	3999998
4	1634057	1	19	50	1174	0	0	4420400	3999999	5333331
5	2236940	1	19	75	1209	0	0	6658514	5333332	6666664
6	272006	2	19	65	1838	1492	0	6931729	6666665	7999997
7	1185624	1	19	95	1041	0	0	8120683	7999998	9333330
8	1418185	2	19	55	1801	1857	0	9539909	9333331	10666663
9	1858707	3	19	60	1238	1838	1704	11402274	10666664	11999996

Total number of pulses in waveform = 14

Type 5 Radar Waveform_25

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	321531	3	6	70	1616	1216	1659	321531	0	599999
2	836840	2	6	100	1112	1895	0	1162862	600000	1199999
3	201187	1	6	70	1053	0	0	1367056	1200000	1799999
4	550488	1	6	85	1644	0	0	1918597	1800000	2399999
5	833679	2	6	70	1452	1609	0	2753920	2400000	2999999
6	496045	3	6	75	1947	1670	1654	3253026	3000000	3599999
7	723721	2	6	80	1508	1924	0	3982018	3600000	4199999
8	476849	2	6	50	1536	1310	0	4462299	4200000	4799999
9	507053	1	6	50	1668	0	0	4972198	4800000	5399999
10	763983	3	6	60	1310	1522	1769	5737849	5400000	5999999
11	429009	3	6	70	1421	1626	1712	6171459	6000000	6599999
12	643338	1	6	90	1072	0	0	6819556	6600000	7199999
13	604935	1	6	90	1600	0	0	7425563	7200000	7799999
14	748256	2	6	50	1670	1590	0	8175419	7800000	8399999
15	535008	1	6	85	1155	0	0	8713687	8400000	8999999
16	391771	2	6	80	1278	1387	0	9106613	9000000	9599999
17	627981	2	6	90	1606	1617	0	9737259	9600000	10199999
18	600409	3	6	95	1693	1359	1371	10340891	10200000	10799999
19	1030183	1	6	55	1013	0	0	11375497	10800000	11399999
20	452660	3	6	50	1678	1434	1803	11829170	11400000	11999999

Total number of pulses in waveform = 39



Type 5 Radar Waveform_26

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1176641	1	5	95	1383	0	0	1176641	0	1499999
2	1783795	2	5	90	1791	1933	0	2961819	1500000	2999999
3	840492	2	5	85	1623	1904	0	3806035	3000000	4499999
4	1669885	3	5	65	1759	1952	1902	5479447	4500000	5999999
5	650282	1	5	60	1222	0	0	6135342	6000000	7499999
6	2753938	2	5	95	1397	1448	0	8890502	7500000	8999999
7	551228	3	5	80	1560	1211	1759	9444575	9000000	10499999
8	2402362	1	5	60	1955	0	0	11851467	10500000	11999999

Total number of pulses in waveform = 15

Type 5 Radar Waveform_27

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	507614	1	18	90	1609	0	0	507614	0	631578
2	503609	3	18	85	1534	1650	1487	1012832	631579	1263157
3	641106	3	18	80	1525	1708	1783	1658609	1263158	1894736
4	833581	1	18	75	1740	0	0	2497206	1894737	2526315
5	588075	1	18	100	1287	0	0	3087021	2526316	3157894
6	460105	2	18	85	1399	1246	0	3548413	3157895	3789473
7	461002	3	18	50	1994	1883	1325	4012060	3789474	4421052
8	1005561	1	18	60	1347	0	0	5022823	4421053	5052631
9	270304	3	18	90	1392	1301	1985	5294474	5052632	5684210
10	691789	3	18	60	1080	1431	1075	5990941	5684211	6315789
11	571845	3	18	75	1882	1818	1854	6566372	6315790	6947368
12	664217	1	18	90	1357	0	0	7236143	6947369	7578947
13	829069	1	18	85	1370	0	0	8066569	7578948	8210526
14	618864	2	18	85	1902	1167	0	8686803	8210527	8842105
15	588968	1	18	100	1820	0	0	9278840	8842106	9473684
16	208040	3	18	100	1980	1785	1925	9488700	9473685	10105263
17	641264	2	18	90	1143	1778	0	10135644	10105264	10736842
18	1069224	2	18	100	1352	1410	0	11207789	10736843	11368421
19	777657	2	18	95	1453	1282	0	11988208	11368422	12000000

Total number of pulses in waveform = 38

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	799590	3	9	70	1835	1934	1959	799590	0	1333332
2	1684214	2	9	90	1651	1066	0	2489532	1333333	2666665
3	388390	3	9	95	1702	1513	1110	2880639	2666666	3999998
4	2055171	3	9	60	1192	1823	1649	4940135	3999999	5333331
5	1378432	3	9	55	1028	1172	1087	6323231	5333332	6666664
6	428758	1	9	50	1893	0	0	6755276	6666665	7999997
7	1430512	1	9	80	1953	0	0	8187681	7999998	9333330
8	2331037	3	9	85	1943	1792	1581	10520671	9333331	10666663
9	757306	3	9	75	1281	1305	1518	11283293	10666664	11999996

Total number of pulses in waveform = 22



Type 5 Radar Waveform_29

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	89646	2	14	50	1232	1367	0	89646	0	599999
2	602703	2	14	95	1787	1179	0	694948	600000	1199999
3	785185	2	14	90	1664	1124	0	1483099	1200000	1799999
4	686396	2	14	70	1457	1221	0	2172283	1800000	2399999
5	348153	1	14	50	1796	0	0	2523114	2400000	2999999
6	1026208	2	14	85	1135	1039	0	3551118	3000000	3599999
7	152281	3	14	60	1394	1509	1155	3705573	3600000	4199999
8	545540	2	14	100	1439	1253	0	4255171	4200000	4799999
9	755793	2	14	75	1151	1120	0	5013656	4800000	5399999
10	613338	2	14	70	1143	1440	0	5629265	5400000	5999999
11	539081	3	14	55	1081	1210	1200	6170929	6000000	6599999
12	642498	1	14	95	1941	0	0	6816918	6600000	7199999
13	443433	1	14	65	1468	0	0	7262292	7200000	7799999
14	904643	1	14	55	1000	0	0	8168403	7800000	8399999
15	774278	3	14	60	1206	1980	1338	8943681	8400000	8999999
16	392874	1	14	100	1684	0	0	9341079	9000000	9599999
17	776345	2	14	75	1884	1333	0	10119108	9600000	10199999
18	474307	1	14	85	1769	0	0	10596632	10200000	10799999
19	762597	3	14	70	1406	1675	1425	11360998	10800000	11399999
20	404195	3	14	55	1681	1256	1785	11769699	11400000	11999999

Total number of pulses in waveform = 39

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	394201	3	17	65	1066	1976	1487	394201	0	923076
2	798620	2	17	70	1546	1883	0	1197350	923077	1846153
3	954280	3	17	75	1319	1965	1217	2155059	1846154	2769230
4	1384497	1	17	80	1677	0	0	3544057	2769231	3692307
5	725078	1	17	65	1968	0	0	4270812	3692308	4615384
6	1143116	1	17	70	1680	0	0	5415896	4615385	5538461
7	983167	3	17	75	1906	1866	1911	6400743	5538462	6461538
8	663597	2	17	100	1558	1398	0	7070023	6461539	7384615
9	853393	1	17	50	1710	0	0	7926372	7384616	8307692
10	478718	1	17	55	1909	0	0	8406800	8307693	9230769
11	1450939	2	17	70	1345	1879	0	9859648	9230770	10153846
12	791559	3	17	85	1447	1182	1825	10654431	10153847	11076923
13	500064	3	17	95	1689	1129	1532	11158949	11076924	12000000

Total number of pulses in waveform = 26

Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5561.3	1	16	5552.5	1
2	5501.4	1	17	5537.2	1
3	5563.4	1	18	5507.2	1
4	5510.1	1	19	5565.5	1
5	5568.5	1	20	5540.6	1
6	5492.5	1	21	5498.8	1
7	5558.0	1	22	5567.2	1
8	5569.0	1	23	5525.6	1
9	5504.7	1	24	5546.2	1
10	5543.5	1	25	5513.4	1
11	5522.4	1	26	5531.4	1
12	5495.6	1	27	5519.6	1
13	5528.7	1	28	5534.6	1
14	5555.5	1	29	5549.7	1
15	5491.0	1	30	5516.2	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	5580	0	12	5488	36
15	5564	45	22	5476	66
16	5533	48	32	5517	96
17	5542	51	47	5518	141
19	5536	57	49	5480	147
21	5534	63	50	5513	150
22	5556	66	55	5474	165
31	5587	93	61	5484	183
42	5569	126	64	5506	192
63	5566	189	87	5499	261
66	5561	198	97	5469	291
71	5586	213	--	--	--
74	5532	222	--	--	--
84	5550	252	--	--	--
94	5547	282	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5530	9	8	5496	24
7	5590	21	16	5522	48
14	5579	42	25	5476	75
18	5533	54	41	5525	123
23	5581	69	70	5521	210
30	5543	90	77	5495	231
43	5552	129	83	5477	249
55	5534	165	--	--	--
70	5580	210	--	--	--
81	5571	243	--	--	--
90	5586	270	--	--	--
91	5547	273	--	--	--
92	5589	276	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5575	3	5	5515	15
9	5598	27	8	5493	24
19	5559	57	26	5524	78
28	5591	84	30	5512	90
34	5547	102	35	5489	105
37	5594	111	36	5505	108
38	5593	114	42	5529	126
42	5562	126	47	5480	141
46	5541	138	49	5472	147
73	5553	219	50	5495	150
80	5588	240	51	5527	153
--	--	--	60	5491	180
--	--	--	79	5470	237
--	--	--	96	5523	288

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5546	27	0	5540	0
13	5552	39	1	5543	3
21	5543	63	23	5579	69
23	5533	69	26	5547	78
25	5571	75	36	5557	108
26	5565	78	37	5570	111
38	5537	114	50	5527	150
55	5542	165	53	5567	159
58	5551	174	54	5537	162
64	5528	192	62	5552	186
69	5521	207	74	5544	222
75	5549	225	78	5541	234
80	5547	240	79	5580	237
87	5530	261	85	5562	255
92	5540	276	92	5522	276
97	5563	291	93	5530	279

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
15	5521	45	2	5544	6
30	5526	90	17	5524	51
32	5485	96	18	5519	54
34	5496	102	24	5557	72
35	5497	105	40	5520	120
40	5498	120	47	5533	141
62	5486	186	50	5551	150
68	5505	204	56	5525	168
70	5504	210	64	5561	192
79	5513	237	71	5529	213
90	5523	270	78	5539	234
98	5487	294	82	5522	246
--	--	--	85	5510	255
--	--	--	91	5518	273
--	--	--	97	5545	291

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5549	36	0	5486	0
39	5548	117	2	5524	6
43	5501	129	6	5491	18
61	5493	183	12	5518	36
76	5526	228	13	5525	39
99	5511	297	15	5490	45
--	--	--	46	5477	138
--	--	--	66	5505	198
--	--	--	74	5514	222
--	--	--	91	5473	273
--	--	--	92	5508	276
--	--	--	96	5510	288

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5542	24	0	5542	0
16	5499	48	4	5540	12
17	5532	51	8	5578	24
24	5513	72	10	5553	30
31	5512	93	23	5528	69
32	5526	96	28	5545	84
41	5518	123	33	5525	99
46	5525	138	38	5529	114
55	5516	165	41	5532	123
62	5514	186	60	5574	180
66	5507	198	66	5534	198
75	5527	225	77	5550	231
79	5523	237	80	5555	240
82	5540	246	95	5573	285
--	--	--	97	5548	291

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5518	18	1	5549	3
8	5520	24	15	5532	45
18	5478	54	29	5536	87
20	5464	60	39	5527	117
39	5473	117	40	5520	120
42	5471	126	42	5575	126
58	5479	174	46	5559	138
64	5474	192	56	5528	168
75	5499	225	58	5580	174
89	5507	267	70	5569	210
92	5490	276	90	5523	270
96	5494	288	92	5537	276
--	--	--	95	5560	285

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5501	12	0	5533	0
9	5543	27	3	5542	9
10	5547	30	18	5491	54
19	5549	57	25	5515	75
23	5521	69	36	5509	108
33	5552	99	37	5511	111
37	5550	111	43	5505	129
46	5519	138	60	5504	180
53	5551	159	61	5494	183
74	5510	222	72	5512	216
75	5509	225	81	5534	243
76	5515	228	89	5543	267
99	5542	297	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5561	6	6	5563	18
5	5547	15	28	5540	84
14	5536	42	32	5543	96
29	5534	87	35	5565	105
42	5531	126	40	5547	120
46	5588	138	47	5552	141
50	5567	150	52	5525	156
82	5586	246	53	5562	159
87	5539	261	54	5560	162
91	5573	273	70	5556	210
--	--	--	91	5536	273

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5510	27	0	5569	0
10	5508	30	4	5575	12
17	5536	51	14	5573	42
21	5481	63	33	5554	99
25	5493	75	37	5563	111
28	5521	84	42	5591	126
34	5479	102	45	5545	135
36	5500	108	49	5540	147
51	5495	153	83	5555	249
79	5482	237	90	5597	270
80	5529	240	95	5562	285
81	5534	243	96	5558	288
90	5498	270	98	5544	294
92	5499	276	--	--	--
95	5524	285	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5538	18	12	5527	36
8	5506	24	14	5521	42
13	5526	39	23	5575	69
21	5497	63	24	5538	72
23	5533	69	25	5536	75
27	5490	81	32	5522	96
32	5550	96	33	5535	99
36	5512	108	35	5548	105
48	5507	144	45	5562	135
73	5503	219	49	5573	147
75	5549	225	53	5574	159
82	5496	246	58	5569	174
83	5509	249	62	5532	186
96	5499	288	68	5566	204
--	--	--	86	5559	258
--	--	--	96	5567	288

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5545	3	2	5517	6
11	5537	33	6	5515	18
16	5494	48	10	5501	30
25	5530	75	18	5547	54
34	5535	102	21	5521	63
39	5523	117	34	5556	102
46	5520	138	35	5508	105
49	5544	147	41	5502	123
62	5546	186	49	5552	147
70	5500	210	53	5534	159
72	5528	216	55	5529	165
92	5510	276	59	5513	177
95	5513	285	66	5560	198
--	--	--	81	5559	243
--	--	--	97	5527	291

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
34	5521	102	16	5562	48
50	5545	150	22	5568	66
70	5543	210	37	5536	111
84	5538	252	40	5566	120
86	5526	258	53	5544	159
--	--	--	58	5539	174
--	--	--	59	5542	177
--	--	--	62	5555	186
--	--	--	95	5569	285

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
21	5536	63	7	5500	21
31	5562	93	11	5515	33
44	5555	132	14	5526	42
59	5527	177	20	5547	60
60	5561	180	25	5516	75
63	5530	189	50	5527	150
67	5546	201	61	5522	183
72	5576	216	66	5546	198
81	5554	243	77	5493	231
85	5522	255	80	5502	240
87	5573	261	99	5528	297
95	5545	285	--	--	--

待測物名稱	510 系列存取點	溫度	27°C
測試工程師	Kevin Ker	濕度	65%
測試場地	AC1	測試日期	2018/12/10
測試項目	Radar Statistical Performance Check (802.11ax-HE160 mode – 5250MHz)		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5274.5	1	538	99	1
2	5310.3	1	698	76	1
3	5256.4	1	758	70	1
4	5271.2	1	678	78	1
5	5262.4	1	658	81	0
6	5253.3	1	778	68	1
7	5326.8	1	858	62	1
8	5277.5	1	818	65	1
9	5268.5	1	718	74	1
10	5329.0	1	918	58	1
11	5298.5	1	898	59	1
12	5250.0	1	878	61	1
13	5295.7	1	598	89	1
14	5313.5	1	3066	18	1
15	5280.2	1	938	57	1
16	5322.7	1	752	71	1
17	5259.3	1	1515	35	1
18	5304.6	1	1872	29	1
19	5290.0	1	1385	39	1
20	5283.7	1	522	102	1
21	5307.3	1	2211	24	1
22	5265.8	1	1727	31	1
23	5319.2	1	713	75	1
24	5301.4	1	2753	20	1
25	5321.3	1	1768	30	1
26	5286.9	1	738	72	1

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5316.4	1	2530	21	1
28	5289.5	1	1034	52	1
29	5328.2	1	2683	20	1
30	5292.2	1	2151	25	1
Detection Percentage (%)					96.7%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5257.4	4.2	200	24	1
2	5320.2	2.4	155	26	1
3	5251.6	1.5	150	25	1
4	5318.3	1.4	207	29	1
5	5263.5	4.2	212	23	1
6	5329.0	2.7	184	26	1
7	5266.7	1.3	214	28	1
8	5275.4	4.5	160	24	1
9	5254.5	2.5	205	23	1
10	5296.8	4.2	185	29	1
11	5315.7	1.0	152	28	1
12	5272.4	4.1	226	29	1
13	5312.4	2.1	230	28	1
14	5260.1	1.3	210	24	1
15	5309.4	1.2	160	25	1
16	5281.3	4.0	218	27	1
17	5323.5	2.7	220	23	1
18	5250.0	3.9	218	27	1
19	5300.2	1.1	217	24	1
20	5278.5	4.1	222	28	1
21	5306.3	1.5	219	26	1
22	5290.0	4.0	222	29	1
23	5269.3	2.9	202	23	1
24	5328.7	4.9	216	24	1
25	5297.4	1.0	165	25	1
26	5293.5	3.7	208	25	1
27	5327.4	2.1	209	23	1
28	5284.6	1.5	153	23	1
29	5303.4	2.6	212	23	1
30	5287.2	2.8	155	23	1
Detection Percentage (%)					100%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5299.2	6.3	283	16	1
2	5328.7	7.1	304	17	1
3	5258.2	6.1	369	18	1
4	5282.5	7.5	250	18	1
5	5270.2	9.4	364	16	0
6	5279.8	8.2	395	18	1
7	5323.5	8.4	361	18	1
8	5250.0	8.3	359	16	1
9	5288.4	9.8	274	16	1
10	5276.2	6.5	324	18	1
11	5327.4	9.1	390	16	1
12	5261.7	7.5	378	17	1
13	5329.0	6.2	401	17	0
14	5294.9	8.9	280	17	1
15	5290.0	6.2	447	17	1
16	5320.2	7.7	284	18	1
17	5252.4	8.0	495	16	0
18	5300.2	8.5	339	16	1
19	5264.9	7.4	362	17	1
20	5309.4	10.0	389	18	1
21	5303.4	8.9	465	17	1
22	5255.7	9.0	261	17	1
23	5312.4	8.5	454	17	1
24	5297.4	7.3	295	18	1
25	5318.3	7.2	287	16	1
26	5267.2	7.1	404	16	1
27	5306.3	9.3	308	16	1
28	5315.7	10.0	462	17	1
29	5273.7	7.9	373	17	1
30	5285.3	9.5	389	18	1
Detection Percentage (%)					90%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5274.5	18.8	331	16	1
2	5310.3	14.9	268	12	1
3	5256.4	12.8	310	12	1
4	5271.2	15.0	351	13	0
5	5262.4	19.5	429	15	1
6	5253.3	19.5	462	15	1
7	5326.8	13.9	279	14	1
8	5277.5	19.1	411	14	1
9	5268.5	15.3	309	13	1
10	5329.0	11.4	283	15	1
11	5298.5	15.6	405	14	1
12	5250.0	12.0	416	13	1
13	5295.7	13.8	430	15	1
14	5313.5	15.8	292	16	1
15	5280.2	11.3	288	13	1
16	5322.7	17.2	285	16	1
17	5259.3	19.0	444	16	1
18	5304.6	18.9	350	12	1
19	5290.0	17.9	287	15	1
20	5283.7	18.1	480	12	1
21	5307.3	11.3	478	14	1
22	5265.8	12.6	262	13	1
23	5319.2	12.0	460	12	1
24	5301.4	18.3	485	14	1
25	5321.3	13.6	318	15	1
26	5286.9	12.3	319	16	1
27	5316.4	17.7	309	16	1
28	5289.5	13.2	482	12	1
29	5328.2	20.0	355	12	1
30	5292.2	12.2	364	15	1
Detection Percentage (%)					96.7%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (96.7\% + 100\% + 90\% + 96.7\%) / 4 = 95.8\% (>80\%)$

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	5250.0	1
2	5253.6	1	17	5250.0	1
3	5256.8	1	18	5250.0	1
4	5254.8	1	19	5250.0	1
5	5252.4	1	20	5250.0	1
6	5257.2	1	21	5325.5	1
7	5253.2	1	22	5324.7	1
8	5252.0	1	23	5321.5	1
9	5257.6	1	24	5326.7	1
10	5254.0	1	25	5323.1	1
11	5250.0	1	26	5321.1	1
12	5250.0	1	27	5325.1	1
13	5250.0	1	28	5326.3	1
14	5250.0	1	29	5321.9	1
15	5250.0	1	30	5323.9	1
Detection Percentage (%)					100%

Type 5 Radar Waveform_1

Num of Bursts = 20 Burst Interval (us) = 600000										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	511651	2	14	100	1544	1938	0	511651	0	599999
2	181105	1	14	55	1648	0	0	696238	600000	1199999
3	1051850	3	14	65	1856	1639	1409	1749736	1200000	1799999
4	150865	2	14	85	1039	1329	0	1905505	1800000	2399999
5	950913	2	14	60	1704	1129	0	2858786	2400000	2999999
6	322865	2	14	55	1814	1104	0	3184484	3000000	3599999
7	605541	2	14	55	1247	1014	0	3792943	3600000	4199999
8	883750	1	14	85	1178	0	0	4678954	4200000	4799999
9	327231	2	14	100	1548	1966	0	5007363	4800000	5399999
10	552501	2	14	95	1983	1826	0	5563398	5400000	5999999
11	616422	3	14	95	1805	1459	1949	6183629	6000000	6599999
12	545960	1	14	50	1170	0	0	6734802	6600000	7199999
13	819041	2	14	100	1197	1888	0	7555013	7200000	7799999
14	737409	1	14	50	1651	0	0	8295507	7800000	8399999
15	515520	3	14	65	1057	1452	1281	8812678	8400000	8999999
16	354311	3	14	65	1455	1355	1086	9170779	9000000	9599999
17	1011531	2	14	60	1800	1200	0	10186206	9600000	10199999
18	471805	1	14	95	1230	0	0	10661011	10200000	10799999
19	354308	1	14	100	1997	0	0	11016549	10800000	11399999
20	869026	3	14	100	1961	1941	1088	11887572	11400000	11999999
Total number of pulses in waveform = 39										



Type 5 Radar Waveform_2

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1076222	1	9	85	1478	0	0	1076222	0	1333332
2	863900	2	9	65	1065	1013	0	1941600	1333333	2666665
3	836295	3	9	65	1231	1748	1939	2779973	2666666	3999998
4	1411733	3	9	55	1635	1066	1210	4196624	3999999	5333331
5	1778001	1	9	55	1879	0	0	5978536	5333332	6666664
6	1126328	2	9	100	1906	1431	0	7106743	6666665	7999997
7	1587929	3	9	85	1958	1086	1804	8698009	7999998	9333330
8	850075	1	9	95	1163	0	0	9552932	9333331	10666663
9	1129464	1	9	55	1054	0	0	10683559	10666664	11999996

Total number of pulses in waveform = 17

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	481240	3	17	70	1114	1348	1756	481240	0	749999
2	961315	1	17	60	1659	0	0	1446773	750000	1499999
3	113786	3	17	50	1662	1002	1661	1562218	1500000	2249999
4	1362669	1	17	80	1930	0	0	2929212	2250000	2999999
5	274151	1	17	60	1181	0	0	3205293	3000000	3749999
6	973112	1	17	60	1459	0	0	4179586	3750000	4499999
7	530305	2	17	80	1045	1052	0	4711350	4500000	5249999
8	747738	3	17	95	1312	1292	1817	5461185	5250000	5999999
9	861155	2	17	80	1274	1131	0	6326761	6000000	6749999
10	489306	1	17	80	1560	0	0	6818472	6750000	7499999
11	840576	3	17	50	1225	1319	1559	7660608	7500000	8249999
12	1304905	1	17	60	1636	0	0	8969616	8250000	8999999
13	758624	3	17	60	1449	1967	1419	9729876	9000000	9749999
14	411011	3	17	55	1962	1789	1688	10145722	9750000	10499999
15	873699	1	17	55	1201	0	0	11024860	10500000	11249999
16	945863	1	17	80	1969	0	0	11971924	11250000	11999999

Total number of pulses in waveform = 30

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	112651	1	12	100	1574	0	0	112651	0	749999
2	1296266	2	12	85	1742	1626	0	1410491	750000	1499999
3	316965	1	12	95	1636	0	0	1730824	1500000	2249999
4	715645	2	12	100	1895	1552	0	2448105	2250000	2999999
5	707922	2	12	60	1561	1623	0	3159474	3000000	3749999
6	841543	1	12	85	1914	0	0	4004201	3750000	4499999
7	549292	1	12	50	1522	0	0	4555407	4500000	5249999
8	843893	3	12	55	1254	1650	1816	5400822	5250000	5999999
9	909407	2	12	60	1960	1460	0	6314949	6000000	6749999
10	786340	3	12	60	1966	1207	1757	7104709	6750000	7499999
11	596499	2	12	65	1255	1447	0	7706138	7500000	8249999
12	604355	2	12	65	1298	1811	0	8313195	8250000	8999999
13	1117588	1	12	90	1245	0	0	9433892	9000000	9749999
14	508452	1	12	75	1372	0	0	9943589	9750000	10499999
15	610866	1	12	65	1748	0	0	10555827	10500000	11249999
16	1152763	2	12	75	1191	1831	0	11710338	11250000	11999999

Total number of pulses in waveform = 27



Type 5 Radar Waveform_5

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	116166	2	6	75	1589	1262	0	116166	0	857142
2	1099783	3	6	100	1108	1149	1508	1218800	857143	1714285
3	1021903	2	6	65	1267	1945	0	2244468	1714286	2571428
4	856432	2	6	65	1681	1802	0	3104112	2571429	3428571
5	469343	1	6	95	1483	0	0	3576938	3428572	4285714
6	901796	1	6	55	1160	0	0	4480217	4285715	5142857
7	1324880	1	6	65	1378	0	0	5806257	5142858	6000000
8	425971	2	6	70	1220	1875	0	6233606	6000001	6857143
9	1335745	3	6	60	1181	1482	1357	7572446	6857144	7714286
10	424674	3	6	65	1356	1550	1682	8001140	7714287	8571429
11	1309096	2	6	75	1085	1853	0	9314824	8571430	9428572
12	243222	3	6	75	1539	1270	1664	9560984	9428573	10285715
13	1295871	2	6	50	1169	1874	0	10861328	10285716	11142858
14	1004678	3	6	65	1827	1857	1741	11869049	11142859	12000001

Total number of pulses in waveform = 30

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	765233	1	18	75	1461	0	0	765233	0	923076
2	899143	2	18	100	1693	1015	0	1665837	923077	1846153
3	838729	2	18	55	1446	1963	0	2507274	1846154	2769230
4	358207	2	18	90	1965	1848	0	2868890	2769231	3692307
5	1288689	1	18	90	1416	0	0	4161392	3692308	4615384
6	612421	2	18	50	1571	1355	0	4775229	4615385	5538461
7	894251	2	18	60	1906	1670	0	5672406	5538462	6461538
8	858096	1	18	55	1659	0	0	6534078	6461539	7384615
9	1558442	3	18	50	1714	1775	1553	8094179	7384616	8307692
10	422652	1	18	60	1746	0	0	8521873	8307693	9230769
11	1115557	3	18	90	1060	1690	1694	9639176	9230770	10153846
12	713103	2	18	50	1948	1658	0	10356723	10153847	11076923
13	1558334	2	18	55	1415	1486	0	11918663	11076924	12000000

Total number of pulses in waveform = 24

Type 5 Radar Waveform_7

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	6617	2	8	60	1127	1610	0	6617	0	631578
2	1221047	3	8	65	1671	1073	1211	1230401	631579	1263157
3	647552	3	8	60	1718	1502	1782	1881908	1263158	1894736
4	385485	2	8	65	1987	1932	0	2272395	1894737	2526315
5	701290	3	8	85	1487	1554	1237	2977804	2526316	3157894
6	186618	1	8	90	1345	0	0	3168500	3157895	3789473
7	1174063	1	8	95	1158	0	0	4343908	3789474	4421052
8	246932	3	8	60	1236	1212	1730	4591998	4421053	5052631
9	1065435	1	8	65	1176	0	0	5661611	5052632	5684210
10	451063	1	8	100	1546	0	0	6113850	5684211	6315789
11	818671	3	8	75	1596	1332	1213	6934067	6315790	6947368
12	507131	2	8	70	1619	1711	0	7445339	6947369	7578947
13	198199	3	8	85	1536	1751	1680	7646868	7578948	8210526
14	962139	2	8	65	1030	1983	0	8613974	8210527	8842105
15	561868	3	8	70	1125	1224	1221	9178855	8842106	9473684
16	748529	1	8	85	1889	0	0	9930964	9473685	10105263
17	603006	3	8	90	1830	1329	1997	10535849	10105264	10736842
18	611336	3	8	85	1643	1706	1989	11152341	10736843	11368421
19	652497	1	8	80	1031	0	0	11810176	11368422	12000000

Total number of pulses in waveform = 41



Type 5 Radar Waveform_8

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	331515	1	5	90	1831	0	0	331515	0	799999
2	565390	2	5	55	1856	1103	0	898836	800000	1599999
3	1204363	3	5	100	1211	1004	1388	2106158	1600000	2399999
4	901455	2	5	65	1023	1067	0	3011216	2400000	3199999
5	910545	2	5	75	1723	1556	0	3923851	3200000	3999999
6	568545	1	5	70	1732	0	0	4495675	4000000	4799999
7	970064	3	5	80	1336	1225	1439	5467471	4800000	5599999
8	495376	2	5	100	1110	1571	0	5966847	5600000	6399999
9	644646	2	5	55	1231	1819	0	6614174	6400000	7199999
10	747003	1	5	95	1211	0	0	7364227	7200000	7999999
11	1060381	2	5	100	1128	1771	0	8425819	8000000	8799999
12	750743	3	5	85	1146	1605	1242	9179461	8800000	9599999
13	471973	3	5	50	1175	1535	1969	9655427	9600000	10399999
14	993440	3	5	50	1997	1135	1787	10653546	10400000	11199999
15	1019900	1	5	55	1718	0	0	11678365	11200000	11999999

Total number of pulses in waveform = 31

Type 5 Radar Waveform_9

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	580692	1	19	50	1226	0	0	580692	0	631578
2	410663	1	19	100	1575	0	0	992581	631579	1263157
3	673932	3	19	100	1877	1505	1334	1668088	1263158	1894736
4	413003	2	19	100	1520	1680	0	2085807	1894737	2526315
5	1052768	3	19	100	1610	1763	1881	3141775	2526316	3157894
6	461860	3	19	95	1633	1932	1223	3608889	3157895	3789473
7	490446	1	19	65	1527	0	0	4104123	3789474	4421052
8	566382	2	19	75	1672	1802	0	4672032	4421053	5052631
9	466370	2	19	95	1754	1117	0	5141876	5052632	5684210
10	734322	1	19	60	1980	0	0	5879069	5684211	6315789
11	896111	2	19	65	1671	1737	0	6777160	6315790	6947368
12	219037	2	19	80	1560	1657	0	6999605	6947369	7578947
13	693386	2	19	70	1741	1848	0	7696208	7578948	8210526
14	685090	2	19	55	1637	1968	0	8384687	8210527	8842105
15	611286	1	19	80	1418	0	0	8999778	8842106	9473684
16	982301	2	19	50	1993	1397	0	9983497	9473685	10105263
17	203986	1	19	95	1540	0	0	10190873	10105264	10736842
18	837703	3	19	90	1298	1840	1977	11030116	10736843	11368421
19	388876	3	19	90	1656	1965	1571	11424107	11368422	12000000

Total number of pulses in waveform = 37

Type 5 Radar Waveform_10

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	754834	3	10	55	1818	1953	1487	754834	0	999999
2	787751	1	10	80	1325	0	0	1547843	1000000	1999999
3	865985	2	10	50	1343	1302	0	2415153	2000000	2999999
4	1278626	3	10	65	1682	1431	1466	3696424	3000000	3999999
5	1182966	2	10	85	1744	1696	0	4883969	4000000	4999999
6	233420	1	10	95	1449	0	0	5120829	5000000	5999999
7	1757000	2	10	50	1834	1739	0	6879278	6000000	6999999
8	889513	2	10	90	1143	1771	0	7772364	7000000	7999999
9	425030	1	10	90	1799	0	0	8200308	8000000	8999999
10	1785170	1	10	55	1749	0	0	9987277	9000000	9999999
11	241933	3	10	90	1389	1574	1748	10230959	10000000	10999999
12	989000	1	10	85	1161	0	0	11224670	11000000	11999999

Total number of pulses in waveform = 22



Type 5 Radar Waveform_11

Num of Bursts = 13 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	202542	2	12	95	1531	1455	0	202542	0	666666
2	976741	2	12	55	1484	1927	0	1182269	666667	1333333
3	371307	3	12	85	1214	1813	1768	1556987	1333334	2000000
4	606050	1	12	90	1919	0	0	2167832	2000001	2666667
5	535072	3	12	90	1297	1738	1218	2704823	2666668	3333334
6	624439	2	12	50	1733	1298	0	3333515	3333335	4000001
7	953573	1	12	100	1283	0	0	4290119	4000002	4666668
8	893083	2	12	55	1313	1891	0	5184485	4666669	5333335
9	339552	2	12	75	1188	1472	0	5527241	5333336	6000002
10	982781	2	12	70	1758	1850	0	6512682	6000003	6666669
11	345349	2	12	95	1622	1780	0	6861639	6666670	7333336
12	621201	2	12	95	1288	1103	0	7486242	7333337	8000003
13	1091606	1	12	75	1300	0	0	8580239	8000004	8666670
14	447044	2	12	70	1188	1001	0	9028583	8666671	9333337
15	956503	3	12	70	1556	1173	1586	9987275	9333338	10000004
16	361946	2	12	100	1994	1077	0	10353536	10000005	10666671
17	421796	1	12	100	1056	0	0	10778403	10666672	11333338
18	821649	1	12	85	1874	0	0	11601108	11333339	12000005
Total number of pulses in waveform = 34 *****										

Type 5 Radar Waveform_12

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	662688	1	9	65	1455	0	0	662688	0	705881
2	208952	1	9	85	1814	0	0	873095	705882	1411763
3	651352	3	9	80	1994	1559	1208	1526261	1411764	2117645
4	1153778	3	9	55	1567	1560	1860	2684800	2117646	2823527
5	355966	2	9	95	1196	1215	0	3045753	2823528	3529409
6	799405	3	9	100	1998	1682	1683	3847569	3529410	4235291
7	943448	1	9	95	1315	0	0	4796380	4235292	4941173
8	296266	3	9	65	1144	1445	1537	5093961	4941174	5647055
9	1203346	2	9	65	1263	1503	0	6301433	5647056	6352937
10	487029	3	9	100	1319	1042	1061	6791228	6352938	7058819
11	509206	2	9	55	1957	1299	0	7303856	7058820	7764701
12	795524	3	9	65	1443	1696	1971	8102636	7764702	8470583
13	1045976	2	9	55	1019	1049	0	9153722	8470584	9176465
14	510875	2	9	70	1537	1964	0	9666665	9176466	9882347
15	833451	1	9	50	1191	0	0	10503617	9882348	10588229
16	354315	1	9	50	1158	0	0	10859123	10588230	11294111
17	1080717	3	9	65	1573	1218	1853	11940998	11294112	11999993
Total number of pulses in waveform = 36 *****										

Type 5 Radar Waveform_13

Num of Bursts = 20 Burst Interval (us)= 600000										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	580666	2	6	90	1943	1987	0	580666	0	599999
2	207492	1	6	75	1825	0	0	792088	600000	1199999
3	523490	2	6	55	1538	1818	0	1317403	1200000	1799999
4	521132	2	6	75	1189	1006	0	1841891	1800000	2399999
5	954121	1	6	65	1812	0	0	2798207	2400000	2999999
6	217598	2	6	85	1338	1843	0	3017617	3000000	3599999
7	1105097	3	6	100	1229	1039	1201	4125895	3600000	4199999
8	103946	2	6	65	1345	1025	0	4233310	4200000	4799999
9	715546	2	6	65	1414	1036	0	4951226	4800000	5399999
10	652924	2	6	90	1990	1803	0	5606600	5400000	5999999
11	737902	2	6	85	1623	1292	0	6348295	6000000	6599999
12	258796	3	6	65	1434	1073	1471	6610006	6600000	7199999
13	1089256	1	6	95	1460	0	0	7703240	7200000	7799999
14	365057	3	6	65	1873	1944	1051	8069757	7800000	8399999
15	661288	1	6	65	1505	0	0	8735913	8400000	8999999
16	393455	3	6	100	1457	1645	1330	9130873	9000000	9599999
17	859582	2	6	65	1233	1770	0	9994887	9600000	10199999
18	271725	3	6	100	1519	1219	1767	10269615	10200000	10799999
19	626291	1	6	95	1152	0	0	10900411	10800000	11399999
20	856427	1	6	90	1252	0	0	11757990	11400000	11999999
Total number of pulses in waveform = 39 *****										



Type 5 Radar Waveform_14

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	1019052	1	17	80	1195	0	0	1019052	0	1499999
2	1676259	3	17	80	1569	1405	1207	2696506	1500000	2999999
3	419686	1	17	100	1374	0	0	3120373	3000000	4499999
4	2269873	3	17	70	1857	1776	1144	5391620	4500000	5999999
5	866890	3	17	90	1109	1081	1850	6263287	6000000	7499999
6	2605065	1	17	90	1753	0	0	8872392	7500000	8999999
7	1192384	1	17	55	1620	0	0	10066529	9000000	10499999
8	1805465	1	17	75	1448	0	0	11873614	10500000	11999999

Total number of pulses in waveform = 14

Type 5 Radar Waveform_15

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	529313	1	19	50	1857	0	0	529313	0	631578
2	218873	2	19	100	1395	1721	0	750043	631579	1263157
3	1085203	1	19	85	1831	0	0	1838362	1263158	1894736
4	609858	3	19	90	1700	1911	1623	2450051	1894737	2526315
5	396991	2	19	70	1422	1229	0	2852276	2526316	3157894
6	343112	3	19	55	1320	1923	1147	3198039	3157895	3789473
7	743357	2	19	95	1702	1178	0	3945786	3789474	4421052
8	862132	3	19	95	1593	1990	1737	4810798	4421053	5052631
9	629009	3	19	60	1829	1715	1075	5442187	5052632	5684210
10	302419	1	19	85	1851	0	0	5749225	5684211	6315789
11	1146562	2	19	55	1617	1349	0	6897638	6315790	6947368
12	618325	2	19	65	1245	1888	0	7518929	6947369	7578947
13	229841	1	19	65	1397	0	0	7751903	7578948	8210526
14	835495	1	19	65	1748	0	0	8588795	8210527	8842105
15	548458	3	19	75	1469	1302	1406	9139001	8842106	9473684
16	463277	2	19	55	1368	1762	0	9606455	9473685	10105263
17	536466	3	19	70	1253	1180	1022	10146041	10105264	10736842
18	1139964	3	19	55	1683	1084	1039	11289460	10736843	11368421
19	397309	3	19	90	1578	1542	1800	11690575	11368422	12000000

Total number of pulses in waveform = 41

Type 5 Radar Waveform_16

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	286173	2	14	70	1486	1546	0	286173	0	599999
2	596510	3	14	80	1336	1219	1165	885715	600000	1199999
3	904961	1	14	70	1902	0	0	1794396	1200000	1799999
4	468940	1	14	60	1688	0	0	2265138	1800000	2399999
5	270340	2	14	50	1527	1078	0	2537166	2400000	2999999
6	658421	2	14	75	1206	1187	0	3198192	3000000	3599999
7	700259	1	14	55	1559	0	0	3900844	3600000	4199999
8	443835	1	14	80	1925	0	0	4346238	4200000	4799999
9	963943	3	14	70	1183	1179	1589	5312006	4800000	5399999
10	280610	2	14	70	1802	1973	0	5596567	5400000	5999999
11	543140	1	14	80	1873	0	0	6143482	6000000	6599999
12	663309	2	14	60	1207	1621	0	6808664	6600000	7199999
13	821812	2	14	90	1804	1476	0	7633304	7200000	7799999
14	689765	3	14	80	1203	1304	1043	8326349	7800000	8399999
15	186763	2	14	80	1185	1399	0	8516662	8400000	8999999
16	588966	2	14	80	1315	1102	0	9108212	9000000	9599999
17	815816	1	14	75	1884	0	0	9926445	9600000	10199999
18	856929	3	14	50	1368	1016	1876	10785268	10200000	10799999
19	269957	1	14	85	1127	0	0	11059465	10800000	11399999
20	506462	1	14	60	1898	0	0	11567054	11400000	11999999

Total number of pulses in waveform = 36



Type 5 Radar Waveform_17

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	488256	3	5	95	1873	1380	1616	488256	0	857142
2	370971	3	5	60	1353	1618	1683	1364096	857143	1714285
3	441368	2	5	75	1983	1112	0	1810118	1714286	2571428
4	1597747	2	5	70	1965	1556	0	3410960	2571429	3428571
5	439979	1	5	90	1745	0	0	3854460	3428572	4285714
6	462919	3	5	50	1369	1249	1245	4319124	4285715	5142857
7	993826	1	5	100	1225	0	0	5316813	5142858	6000000
8	1223407	3	5	80	1385	1416	1854	6541445	6000001	6857143
9	604861	3	5	55	1925	1162	1586	7150961	6857144	7714286
10	565342	3	5	55	1375	1982	1923	7720976	7714287	8571429
11	1694257	2	5	70	1296	1349	0	9420513	8571430	9428572
12	94758	2	5	75	1236	1150	0	9517916	9428573	10285715
13	821431	2	5	55	1356	1373	0	10341733	10285716	11142858
14	1052750	3	5	80	1360	1179	1568	11397212	11142859	12000001

Total number of pulses in waveform = 33

Type 5 Radar Waveform_18

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	9613	2	18	80	1595	1002	0	9613	0	749999
2	760241	3	18	80	1487	1688	1245	772451	750000	1499999
3	1347448	2	18	100	1079	1669	0	2124319	1500000	2249999
4	5677773	1	18	65	1864	0	0	2694840	2250000	2999999
5	630564	1	18	60	1528	0	0	3327268	3000000	3749999
6	791140	2	18	65	1640	1052	0	4119936	3750000	4499999
7	767735	3	18	100	1587	1699	1970	4890363	4500000	5249999
8	961065	1	18	90	1637	0	0	5856684	5250000	5999999
9	374554	2	18	60	1357	1111	0	6232875	6000000	6749999
10	1229387	2	18	55	1798	1321	0	7464730	6750000	7499999
11	79464	1	18	85	1172	0	0	7547313	7500000	8249999
12	1262414	1	18	70	1102	0	0	8810899	8250000	8999999
13	491777	3	18	50	1438	1497	1145	9303778	9000000	9749999
14	1153323	3	18	70	1506	1512	1501	10461181	9750000	10499999
15	529663	1	18	70	1165	0	0	10995363	10500000	11249999
16	711926	3	18	85	1088	1400	1684	11708454	11250000	11999999

Total number of pulses in waveform = 31

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	32890	1	8	80	1268	0	0	32890	0	857142
2	1444803	1	8	70	1065	0	0	1478961	857143	1714285
3	857754	2	8	75	1009	1949	0	2337780	1714286	2571428
4	875541	2	8	100	1052	1943	0	3216279	2571429	3428571
5	757389	1	8	95	1321	0	0	3976663	3428572	4285714
6	1107480	2	8	90	1176	1319	0	5085464	4285715	5142857
7	660773	1	8	85	1307	0	0	5748732	5142858	6000000
8	1045456	1	8	65	1016	0	0	6795495	6000001	6857143
9	804887	2	8	95	1116	1087	0	7601398	6857144	7714286
10	334598	2	8	50	1544	1861	0	7938199	7714287	8571429
11	716879	3	8	55	1487	1058	1458	8658483	8571430	9428572
12	1386268	1	8	55	1789	0	0	10048754	9428573	10285715
13	359287	1	8	60	1127	0	0	10409830	10285716	11142858
14	1281982	3	8	80	1326	1128	1669	11692939	11142859	12000001

Total number of pulses in waveform = 23



Type 5 Radar Waveform_20

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	906930	3	10	50	1068	1419	1689	906930	0	1499999
2	1356784	2	10	70	1363	1516	0	2267890	1500000	2999999
3	1270372	2	10	80	1071	1876	0	3541141	3000000	4499999
4	2361835	1	10	95	1785	0	0	5905923	4500000	5999999
5	589091	3	10	70	1298	1152	1717	6496799	6000000	7499999
6	1489822	2	10	60	1613	1422	0	7990788	7500000	8999999
7	1149616	1	10	70	1681	0	0	9143439	9000000	10499999
8	2470223	1	10	60	1973	0	0	11615343	10500000	11999999

Total number of pulses in waveform = 15

Type 5 Radar Waveform_21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	664153	2	8	55	1435	1824	0	664153	0	799999
2	473358	2	8	85	1818	1464	0	1140770	800000	1599999
3	716257	2	8	60	1240	1159	0	1860309	1600000	2399999
4	647905	1	8	75	1521	0	0	2510613	2400000	3199999
5	1034027	3	8	50	1359	1050	1717	3546161	3200000	3999999
6	1015326	1	8	85	1494	0	0	4565613	4000000	4799999
7	509101	2	8	70	1087	1312	0	5076208	4800000	5599999
8	1193550	1	8	95	1531	0	0	6272157	5600000	6399999
9	836477	2	8	100	1407	1752	0	7110165	6400000	7199999
10	148512	2	8	50	1255	1762	0	7261836	7200000	7999999
11	763847	3	8	100	1512	1807	1368	8028700	8000000	8799999
12	1221395	3	8	95	1050	1549	1134	9254782	8800000	9599999
13	924372	2	8	65	1587	1196	0	10182887	9600000	10399999
14	734460	1	8	60	1108	0	0	10920130	10400000	11199999
15	639609	1	8	70	1522	0	0	11560847	11200000	11999999

Total number of pulses in waveform = 28

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	377511	1	10	70	1937	0	0	377511	0	599999
2	710330	3	10	75	1551	1575	1971	1089778	600000	1199999
3	108895	3	10	100	1017	1903	1125	1203570	1200000	1799999
4	244350	1	10	65	1792	0	0	2325036	1800000	2399999
5	933796	3	10	100	1171	1001	1889	2571178	2400000	2999999
6	567730	2	10	55	1459	1337	0	3509035	3000000	3599999
7	488453	3	10	55	1784	1887	1005	4079561	3600000	4199999
8	783867	2	10	65	1056	1427	0	4572690	4200000	4799999
9	513202	1	10	90	1092	0	0	5359040	4800000	5399999
10	720035	1	10	85	1806	0	0	5873334	5400000	5999999
11	474197	2	10	65	1513	1846	0	6595175	6000000	6599999
12	296158	1	10	80	1463	0	0	7072731	6600000	7199999
13	834786	3	10	80	1238	1445	1692	7370342	7200000	7799999
14	451746	3	10	70	1918	1445	1385	8209503	7800000	8399999
15	666246	2	10	65	1822	1757	0	8665997	8400000	8999999
16	566956	2	10	75	1167	1447	0	9335822	9000000	9599999
17	566564	1	10	70	1364	0	0	9895392	9600000	10199999
18	505066	3	10	50	1844	1825	1273	10463310	10200000	10799999
19	628944	1	10	100	1837	0	0	10973318	10800000	11399999
20		2	10	65	1869	1235	0	11604099	11400000	11999999

Total number of pulses in waveform = 40



Type 5 Radar Waveform_23

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	417801	2	18	55	1613	1402	0	417801	0	923076
2	503966	2	18	90	1790	1107	0	924782	923077	1846153
3	979322	3	18	70	1341	1254	1535	1907001	1846154	2769230
4	1185851	1	18	100	1865	0	0	3096982	2769231	3692307
5	826267	2	18	85	1246	1235	0	3925114	3692308	4615384
6	1133242	3	18	50	1153	1019	1755	5060837	4615385	5538461
7	1262202	3	18	50	1676	1297	1203	6326966	5538462	6461538
8	807902	3	18	90	1892	1956	1371	7139044	6461539	7384615
9	1024979	2	18	55	1142	1385	0	8169242	7384616	8307692
10	279189	1	18	85	1570	0	0	8450958	8307693	9230769
11	985992	1	18	55	1521	0	0	9438520	9230770	10153846
12	1145941	1	18	65	1414	0	0	10585982	10153847	11076923
13	648342	3	18	100	1837	1454	1176	11235738	11076924	12000000

Total number of pulses in waveform = 27

Type 5 Radar Waveform_24

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	40212	3	5	85	1295	1852	1994	40212	0	599999
2	926571	2	5	55	1558	1654	0	971924	600000	1199999
3	795782	2	5	95	1454	1233	0	1770918	1200000	1799999
4	520993	3	5	75	1728	1348	1673	2294598	1800000	2399999
5	686825	3	5	100	1300	1899	1291	2986172	2400000	2999999
6	105281	3	5	80	1244	1083	1995	3095943	3000000	3599999
7	737725	2	5	75	1833	1893	0	3837990	3600000	4199999
8	447082	3	5	85	1628	1814	1098	4288798	4200000	4799999
9	1085139	3	5	100	1649	1202	1891	5378477	4800000	5399999
10	241955	3	5	85	1766	1022	1478	5625174	5400000	5999999
11	433082	1	5	75	1232	0	0	6062522	6000000	6599999
12	586601	2	5	90	1503	1942	0	6650355	6600000	7199999
13	992724	1	5	100	1080	0	0	7646524	7200000	7799999
14	568712	2	5	60	1275	1024	0	8216316	7800000	8399999
15	256997	2	5	75	1298	1897	0	8475612	8400000	8999999
16	1116685	2	5	60	1514	1407	0	9595492	9000000	9599999
17	327868	1	5	75	1632	0	0	9926281	9600000	10199999
18	729890	3	5	90	1590	1458	1321	10657803	10200000	10799999
19	499908	3	5	70	1587	1191	1258	11162080	10800000	11399999
20	474286	2	5	50	1518	1698	0	11640402	11400000	11999999

Total number of pulses in waveform = 46

Type 5 Radar Waveform_25

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	277222	1	14	80	1384	0	0	277222	0	599999
2	564885	1	14	55	1122	0	0	843491	600000	1199999
3	463920	3	14	70	1974	1876	1428	1308533	1200000	1799999
4	892858	1	14	65	1404	0	0	2206669	1800000	2399999
5	641267	1	14	50	1459	0	0	2849340	2400000	2999999
6	465547	2	14	50	1560	1677	0	3316346	3000000	3599999
7	686640	3	14	65	1251	1118	1033	4006223	3600000	4199999
8	763804	3	14	85	1118	1183	1649	4773429	4200000	4799999
9	374384	3	14	90	1432	1119	1275	5151763	4800000	5399999
10	527456	3	14	100	1449	1110	1485	5683045	5400000	5999999
11	711976	2	14	60	1439	1189	0	6399065	6000000	6599999
12	582083	3	14	75	1825	1169	1748	6983776	6600000	7199999
13	520807	3	14	90	1966	1373	0	7509315	7200000	7799999
14	395430	1	14	90	1287	0	0	7908084	7800000	8399999
15	701394	2	14	60	1503	1562	0	8610705	8400000	8999999
16	679251	1	14	50	1233	0	0	9293021	9000000	9599999
17	825488	2	14	95	1705	1851	0	10119742	9600000	10199999
18	335516	1	14	90	1455	0	0	10458814	10200000	10799999
19	603358	2	14	75	1514	1260	0	11063627	10800000	11399999
20	568049	1	14	55	1275	0	0	11634450	11400000	11999999

Total number of pulses in waveform = 38

**Type 5 Radar Waveform_26**

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	769101	2	19	95	1340	1133	0	769101	0	1499999
2	1057709	2	19	80	1189	1972	0	1829283	1500000	2999999
3	2087223	2	19	100	1310	1621	0	3919667	3000000	4499999
4	1760228	1	19	95	1704	0	0	5682826	4500000	5999999
5	1224498	2	19	70	1064	1417	0	6909028	6000000	7499999
6	1968895	2	19	100	1552	1947	0	8880404	7500000	8999999
7	1261055	1	19	70	1960	0	0	10144958	9000000	10499999
8	1150911	1	19	75	1986	0	0	11297829	10500000	11999999

Total number of pulses in waveform = 13

Type 5 Radar Waveform_27

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	325670	1	9	85	1076	0	0	325670	0	799999
2	988381	1	9	65	1736	0	0	1315127	800000	1599999
3	1016547	2	9	80	1873	1539	0	2333410	1600000	2399999
4	754615	2	9	95	1322	1769	0	3091437	2400000	3199999
5	530858	3	9	100	1033	1318	1550	3625386	3200000	3999999
6	964429	3	9	80	1027	1497	1340	4593716	4000000	4799999
7	927000	2	9	80	1454	1273	0	5524580	4800000	5599999
8	78379	1	9	75	1350	0	0	5605686	5600000	6399999
9	1531744	3	9	95	1480	1586	1364	7138780	6400000	7199999
10	316982	3	9	90	1980	1974	1101	7460192	7200000	7999999
11	835962	1	9	100	1172	0	0	8301209	8000000	8799999
12	1200544	3	9	70	1909	1609	1680	9502925	8800000	9599999
13	267537	1	9	80	1272	0	0	9775660	9600000	10399999
14	1193811	2	9	80	1112	1921	0	10970743	10400000	11199999
15	850940	2	9	80	1349	1118	0	11824716	11200000	11999999

Total number of pulses in waveform = 30

Type 5 Radar Waveform_28

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	296335	2	6	75	1114	1640	0	296335	0	1499999
2	2057767	3	6	55	1605	1830	1514	2356856	1500000	2999999
3	1400398	2	6	50	1930	1438	0	3762203	3000000	4499999
4	1614240	2	6	95	1230	1370	0	5379811	4500000	5999999
5	983741	2	6	55	1782	1496	0	6366152	6000000	7499999
6	1427823	1	6	90	1422	0	0	7797253	7500000	8999999
7	2025012	2	6	65	1675	1782	0	9823687	9000000	10499999
8	1529707	3	6	60	1277	1346	1615	11356851	10500000	11999999

Total number of pulses in waveform = 17



Type 5 Radar Waveform_29

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1017732	1	17	75	1568	0	0	224962	0	705881
2	1017732	2	17	65	1886	1222	0	1244262	705882	1411763
3	794106	1	17	70	1192	0	0	2041476	1411764	2117645
4	458824	3	17	100	1612	1034	1660	2501492	2117646	2823527
5	839890	1	17	65	1252	0	0	3345688	2823528	3529409
6	446437	3	17	65	1852	1244	1999	3793377	3529410	4235291
7	1003202	1	17	90	1508	0	0	4801674	4235292	4941173
8	216316	1	17	100	1008	0	0	5019498	4941174	5647055
9	701093	1	17	90	1876	0	0	5721599	5647056	6352937
10	827817	1	17	90	1736	0	0	6551292	6352938	7058819
11	736149	1	17	70	1730	0	0	7289177	7058820	7764701
12	801304	1	17	50	1021	0	0	8092211	7764702	8470583
13	407615	1	17	50	1653	0	0	8500847	8470584	9176465
14	870549	3	17	60	1230	1728	1310	9373049	9176466	9882347
15	781619	2	17	65	1985	1219	0	10158936	9882348	10588229
16	894528	3	17	65	1783	1052	1082	11056668	10588230	11294111
17	279439	1	17	95	1222	0	0	11340024	11294112	11999993

Total number of pulses in waveform = 27

Type 5 Radar Waveform_30

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	225311	2	12	100	1900	1193	0	225311	0	599999
2	547536	1	12	60	1665	0	0	775940	600000	1199999
3	591544	1	12	60	1342	0	0	1369149	1200000	1799999
4	537936	2	12	55	1857	1123	0	1908427	1800000	2399999
5	741875	3	12	65	1493	1292	1814	2653282	2400000	2999999
6	854788	1	12	85	1267	0	0	3512669	3000000	3599999
7	650941	1	12	55	1415	0	0	4164877	3600000	4199999
8	466228	2	12	65	1794	1179	0	4632520	4200000	4799999
9	549363	1	12	80	1635	0	0	5184856	4800000	5399999
10	468309	1	12	85	1034	0	0	5654800	5400000	5999999
11	370614	3	12	90	1238	1026	1642	6026448	6000000	6599999
12	599836	2	12	65	1323	1090	0	6630190	6600000	7199999
13	664140	1	12	85	1387	0	0	7296743	7200000	7799999
14	929630	2	12	65	1399	1210	0	8227760	7800000	8399999
15	504236	1	12	90	1138	0	0	8734605	8400000	8999999
16	843672	3	12	70	1963	1628	1449	9579415	9000000	9599999
17	572146	1	12	60	1849	0	0	10156601	9600000	10199999
18	239035	3	12	100	1081	1394	1532	10397485	10200000	10799999
19	987978	3	12	50	1398	1965	1577	11389470	10800000	11399999
20	107078	2	12	90	1918	1346	0	11501488	11400000	11999999

Total number of pulses in waveform = 36

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	5257.4	1	16	5281.3	1
2	5320.2	1	17	5323.5	1
3	5251.6	1	18	5250.0	1
4	5318.3	1	19	5300.2	1
5	5263.5	1	20	5278.5	1
6	5329.0	1	21	5306.3	1
7	5266.7	1	22	5290.0	1
8	5275.4	1	23	5269.3	1
9	5254.5	1	24	5328.7	1
10	5296.8	1	25	5297.4	1
11	5315.7	1	26	5293.5	1
12	5272.4	1	27	5327.4	1
13	5312.4	1	28	5284.6	1
14	5260.1	1	29	5303.4	1
15	5309.4	1	30	5287.2	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
31	5251	93	10	5264	30
33	5277	99	11	5267	33
46	5255	138	15	5274	45
47	5274	141	27	5263	81
50	5253	150	28	5250	84
52	5279	156	45	5271	135
62	5272	186	65	5255	195
68	5280	204	69	5276	207
91	5262	273	89	5253	267
92	5271	276	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5260	15	5	5272	15
17	5289	51	24	5268	72
20	5278	60	38	5275	114
43	5282	129	39	5288	117
49	5283	147	46	5255	138
53	5259	159	60	5281	180
74	5269	222	75	5270	225
76	5276	228	80	5253	240
80	5266	240	89	5279	267
82	5274	246	90	5282	270
91	5267	273	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5280	9	22	5270	66
7	5268	21	33	5298	99
8	5260	24	34	5263	102
14	5252	42	38	5299	114
25	5296	75	43	5291	129
37	5292	111	47	5261	141
69	5293	207	59	5297	177
77	5275	231	63	5273	189
92	5253	276	70	5265	210
97	5270	291	80	5255	240
99	5251	297	82	5285	246
--	--	--	83	5294	249
--	--	--	86	5272	258
--	--	--	89	5280	267
--	--	--	91	5250	273

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5278	3	1	5294	3
11	5259	33	5	5251	15
20	5290	60	9	5259	27
35	5282	105	18	5250	54
40	5275	120	19	5291	57
51	5254	153	27	5289	81
55	5269	165	33	5293	99
56	5255	168	41	5290	123
66	5298	198	46	5273	138
70	5274	210	48	5283	144
74	5297	222	53	5274	159
91	5260	273	70	5268	210
95	5299	285	88	5270	264
--	--	--	89	5286	267

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5273	15	5	5297	15
6	5286	18	28	5260	84
9	5276	27	40	5273	120
10	5281	30	46	5280	138
17	5267	51	58	5282	174
21	5288	63	78	5263	234
24	5271	72	80	5270	240
42	5283	126	85	5258	255
60	5292	180	89	5294	267
61	5259	183	92	5298	276
67	5278	201	94	5283	282
72	5297	216	--	--	--
74	5294	222	--	--	--
75	5277	225	--	--	--
76	5285	228	--	--	--
79	5280	237	--	--	--
81	5274	243	--	--	--
86	5272	258	--	--	--
98	5289	294	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5284	21	10	5262	30
9	5251	27	15	5283	45
14	5301	42	25	5301	75
15	5305	45	34	5291	102
16	5282	48	36	5265	108
44	5262	132	37	5297	111
46	5265	138	42	5302	126
47	5296	141	45	5258	135
51	5288	153	49	5280	147
54	5297	162	50	5273	150
62	5294	186	56	5259	168
79	5275	237	59	5287	177
83	5274	249	68	5294	204
90	5280	270	71	5292	213
93	5304	279	74	5281	222
94	5268	282	96	5256	288
98	5277	294	--	--	--

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5299	9	4	5308	12
11	5319	33	7	5286	21
21	5300	63	9	5301	27
27	5269	81	16	5278	48
49	5259	147	28	5315	84
61	5310	183	29	5291	87
--	--	--	38	5306	114
--	--	--	41	5289	123
--	--	--	54	5261	162
--	--	--	63	5265	189
--	--	--	66	5285	198
--	--	--	72	5312	216
--	--	--	73	5298	219

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5301	6	1	5268	3
20	5262	60	2	5315	6
24	5273	72	4	5283	12
28	5283	84	22	5267	66
50	5285	150	31	5278	93
52	5269	156	40	5312	120
65	5315	195	44	5306	132
74	5267	222	61	5301	183
77	5300	231	63	5300	189
78	5307	234	73	5273	219
--	--	--	93	5274	279
--	--	--	96	5297	288

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5283	21	2	5263	6
17	5285	51	5	5274	15
24	5264	72	6	5321	18
52	5308	156	7	5304	21
60	5261	180	21	5284	63
64	5275	192	38	5314	114
70	5315	210	49	5277	147
73	5295	219	50	5290	150
81	5296	243	55	5276	165
85	5316	255	60	5303	180
--	--	--	64	5299	192
--	--	--	68	5302	204
--	--	--	77	5283	231
--	--	--	81	5293	243
--	--	--	86	5308	258
--	--	--	87	5318	261
--	--	--	89	5319	267
--	--	--	94	5287	282
--	--	--	96	5310	288
--	--	--	99	5320	297

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5316	21	5	5299	15
22	5293	66	7	5276	21
54	5281	162	8	5285	24
66	5323	198	9	5302	27
70	5321	210	13	5309	39
76	5286	228	20	5289	60
79	5329	237	35	5303	105
96	5278	288	41	5324	123
--	--	--	50	5312	150
--	--	--	63	5283	189
--	--	--	66	5316	198
--	--	--	86	5278	258
--	--	--	87	5301	261
--	--	--	89	5270	267
--	--	--	92	5323	276
--	--	--	97	5314	291

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5306	0	6	5299	18
9	5335	27	7	5298	21
12	5328	36	10	5301	30
17	5304	51	11	5296	33
23	5289	69	37	5338	111
27	5307	81	44	5322	132
30	5281	90	62	5333	186
35	5300	105	69	5305	207
43	5314	129	82	5323	246
71	5339	213	95	5313	285
73	5326	219	96	5293	288
76	5283	228	99	5332	297
84	5299	252	--	--	--
98	5292	294	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5335	9	1	5323	3
10	5327	30	8	5315	24
22	5311	66	34	5325	102
28	5294	84	36	5332	108
34	5301	102	41	5280	123
54	5284	162	76	5304	228
58	5298	174	80	5337	240
69	5295	207	87	5298	261
72	5333	216	--	--	--
75	5304	225	--	--	--
78	5280	234	--	--	--
79	5286	237	--	--	--
86	5281	258	--	--	--
88	5330	264	--	--	--

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5298	21	1	5317	3
12	5304	36	5	5322	15
33	5310	99	12	5306	36
41	5282	123	35	5339	105
54	5296	162	41	5294	123
63	5297	189	46	5288	138
64	5334	192	49	5335	147
66	5341	198	59	5316	177
67	5312	201	62	5328	186
73	5290	219	67	5300	201
76	5339	228	72	5336	216
81	5315	243	73	5298	219
82	5340	246	98	5321	294

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5330	21	19	5340	57
17	5343	51	20	5303	60
24	5326	72	33	5318	99
25	5299	75	34	5297	102
32	5313	96	46	5344	138
35	5333	105	48	5312	144
46	5303	138	65	5337	195
48	5335	144	74	5309	222
51	5294	153	79	5306	237
54	5342	162	90	5323	270
57	5341	171	--	--	--
58	5322	174	--	--	--
69	5316	207	--	--	--
72	5320	216	--	--	--
89	5336	267	--	--	--
94	5306	282	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5318	39	16	5300	48
26	5308	78	17	5322	51
60	5323	180	19	5312	57
61	5357	183	21	5308	63
74	5311	222	22	5325	66
77	5322	231	31	5306	93
87	5338	261	36	5315	108
97	5346	291	48	5355	144
--	--	--	60	5352	180
--	--	--	75	5330	225

待測物名稱	510 系列存取點	溫度	27°C
測試工程師	Kevin Ker	濕度	65%
測試場地	AC1	測試日期	2018/12/11
測試項目	Radar Statistical Performance Check (802.11ax-HE160 mode – 5570MHz)		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5594.6	1	818	65	1
2	5497.5	1	638	83	1
3	5588.6	1	898	59	1
4	5509.5	1	678	78	1
5	5582.7	1	578	92	1
6	5527.9	1	778	68	1
7	5644.4	1	718	74	1
8	5491.0	1	918	58	1
9	5648.2	1	878	61	1
10	5557.4	1	518	102	1
11	5515.3	1	838	63	1
12	5649.0	1	3066	18	1
13	5533.5	1	618	86	1
14	5642.6	1	938	57	1
15	5576.4	1	798	67	1
16	5503.3	1	1431	37	1
17	5618.3	1	2898	19	1
18	5570.0	1	1080	49	1
19	5545.7	1	1940	28	1
20	5612.5	1	1043	51	1
21	5600.3	1	2314	23	1
22	5624.8	1	2022	27	1
23	5539.7	1	2026	27	1
24	5636.5	1	3062	18	1
25	5563.8	1	3012	18	1
26	5646.8	1	1294	41	1

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
27	5521.4	1	986	54	1
28	5630.4	1	1273	42	1
29	5606.7	1	925	58	1
30	5551.3	1	1572	34	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	5508.3	1.5	163	29	1
2	5623.5	2.6	179	26	1
3	5611.3	5.0	172	24	1
4	5496.9	4.6	165	25	1
5	5599.2	3.6	195	24	1
6	5514.8	4.9	183	26	1
7	5593.2	1.7	159	27	1
8	5538.1	4.6	204	27	0
9	5491.0	5.0	172	23	1
10	5647.8	2.1	182	29	1
11	5570.0	2.1	204	28	1
12	5556.7	4.4	164	24	1
13	5645.2	4.5	203	23	1
14	5502.5	3.1	187	26	1
15	5575.8	3.3	198	28	1
16	5532.7	5.0	191	24	1
17	5617.8	1.1	152	27	1
18	5526.5	2.6	206	26	1
19	5629.4	4.9	174	24	1
20	5605.9	1.3	165	26	1
21	5641.3	1.0	164	23	1
22	5532.7	1.5	188	23	1
23	5550.3	1.3	210	26	1
24	5635.7	3.8	206	23	1
25	5520.6	1.7	204	23	1
26	5643.9	1.3	219	24	1
27	5544.6	2.1	151	25	1
28	5649.0	1.8	151	29	1
29	5581.3	2.3	195	28	1
30	5562.9	4.3	191	23	1
Detection Percentage (%)					96.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5501.9	8.9	479	16	1
2	5543.4	8.6	472	16	1
3	5495.6	9.1	348	18	1
4	5537.3	9.3	264	17	1
5	5525.4	9.9	486	17	1
6	5648.4	7.1	299	17	1
7	5531.8	9.6	382	17	1
8	5507.3	10.0	483	16	1
9	5643.5	7.7	361	16	1
10	5549.5	8.8	468	17	1
11	5513.5	7.5	290	16	1
12	5645.2	9.0	301	17	1
13	5561.4	7.5	330	16	1
14	5555.5	8.9	280	17	1
15	5491.0	6.1	297	18	1
16	5649.0	6.9	452	16	1
17	5598.3	6.0	397	17	1
18	5592.8	6.5	250	16	1
19	5519.3	6.2	464	17	1
20	5640.9	6.6	283	18	1
21	5610.2	8.7	417	18	1
22	5570.0	8.6	456	17	1
23	5622.8	7.1	461	16	1
24	5604.6	6.5	356	18	1
25	5634.1	7.9	347	16	1
26	5574.7	7.7	375	16	1
27	5628.6	6.8	336	17	1
28	5580.3	8.5	356	16	1
29	5616.3	7.0	262	16	1
30	5586.2	7.8	262	16	1
Detection Percentage (%)					100%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5500.2	17.4	324	16	1
2	5639.7	19.1	273	13	1
3	5506.8	19.5	445	16	1
4	5627.6	11.0	271	15	1
5	5524.2	17.6	432	16	1
6	5494.6	12.2	465	13	1
7	5633.8	13.1	376	14	1
8	5530.5	19.1	476	14	1
9	5646.8	19.3	479	16	1
10	5518.9	11.6	370	16	0
11	5649.0	18.9	493	15	1
12	5554.9	17.0	470	14	1
13	5542.9	16.4	442	13	1
14	5615.7	15.7	378	13	1
15	5491.0	12.5	398	12	1
16	5585.4	16.7	250	13	1
17	5560.2	20.0	434	14	1
18	5536.2	15.8	269	15	1
19	5591.4	11.2	336	16	1
20	5603.9	12.2	368	15	1
21	5548.3	17.2	259	13	1
22	5609.1	15.2	476	12	1
23	5579.1	12.9	498	12	1
24	5641.4	11.6	303	15	1
25	5570.0	14.7	348	13	1
26	5621.5	18.5	374	12	1
27	5512.3	16.4	349	16	1
28	5645.9	15.1	415	13	1
29	5597.6	16.7	332	14	1
30	5573.5	17.4	479	13	1
Detection Percentage (%)					96.7%

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

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 96.7\% + 100\% + 96.7\%) / 4 = 98.3\% (>80\%)$

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	5496.3	1	16	5570.0	1
2	5498.3	1	17	5570.0	1
3	5497.5	1	18	5570.0	0
4	5499.5	0	19	5570.0	1
5	5499.9	1	20	5570.0	1
6	5494.7	1	21	5644.2	1
7	5500.3	1	22	5643.8	1
8	5496.7	1	23	5641.8	1
9	5495.9	1	24	5643.4	1
10	5495.1	1	25	5640.2	1
11	5570.0	1	26	5645.4	1
12	5570.0	1	27	5640.6	1
13	5570.0	1	28	5645.0	0
14	5570.0	1	29	5639.8	1
15	5570.0	1	30	5642.6	1
Detection Percentage (%)					90%

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	280956	1	9	90	1540	0	0	280956	0	666666
2	646214	1	9	55	1629	0	0	908710	666667	1333333
3	711274	1	9	90	1809	0	0	1621613	1333334	2000000
4	547173	1	9	55	1743	0	0	2170595	2000001	2666667
5	964059	3	9	75	1021	1677	1377	3136397	2666668	3333334
6	611081	1	9	95	1137	0	0	3751553	3333335	4000001
7	631891	3	9	100	1596	1736	1602	4384581	4000002	4666668
8	618241	2	9	75	1397	1767	0	5007756	4666669	5333335
9	518853	3	9	100	1100	1741	1214	5529773	5333336	6000002
10	1112359	2	9	80	1698	1062	0	6846187	6000003	6666669
11	777747	2	9	85	1741	1708	0	6726694	6666670	7333336
12	764739	1	9	70	1347	0	0	7494882	7333337	8000003
13	1117960	3	9	70	1846	1220	1141	8614189	8000004	8666670
14	635888	3	9	60	1147	1190	1661	9254284	8666671	9333337
15	709155	3	9	85	1874	1918	1068	9967437	9333338	10000004
16	233770	3	9	100	1144	1021	1572	10206067	10000005	10666671
17	1068080	1	9	85	1194	0	0	11277884	10666672	11333338
18	413301	2	9	50	1145	1485	0	11692379	11333339	12000005
Total number of pulses in waveform = 36 *****										



Type 5 Radar Waveform_2

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	356111	3	14	100	1553	1728	1662	356111	0	857142
2	590057	2	14	65	1681	1096	0	951111	857143	1714285
3	775307	3	14	60	1345	1840	1551	1729195	1714286	2571428
4	887731	1	14	85	1063	0	0	2621662	2571429	3428571
5	1214781	2	14	70	1250	1952	0	3837506	3428572	4285714
6	1125346	1	14	70	1683	0	0	4966054	4285715	5142857
7	520018	2	14	85	1068	1038	0	5487755	5142858	6000000
8	659104	2	14	85	1303	1288	0	6148965	6000001	6857143
9	1066549	2	14	60	1155	1363	0	7218105	6857144	7714286
10	943303	1	14	60	1047	0	0	8163926	7714287	8571429
11	1187554	3	14	80	1384	1103	1985	9352527	8571430	9428572
12	480685	2	14	80	1947	1022	0	9837684	9428573	10285715
13	942362	2	14	90	1837	1064	0	10783015	10285716	11142858
14	1170634	2	14	80	1262	1428	0	11956550	11142859	12000001

Total number of pulses in waveform = 28

Type 5 Radar Waveform_3

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	850656	3	12	90	1705	1343	1979	850656	0	999999
2	1095778	2	12	75	1934	1389	0	1951461	1000000	1999999
3	218810	2	12	50	1771	1743	0	2173594	2000000	2999999
4	1684370	2	12	90	1917	1221	0	3861478	3000000	3999999
5	451762	2	12	65	1858	1046	0	4316378	4000000	4999999
6	715883	3	12	100	1647	1551	1064	5035165	5000000	5999999
7	1901639	1	12	100	1650	0	0	6941066	6000000	6999999
8	384700	1	12	75	1203	0	0	7327416	7000000	7999999
9	1034678	1	12	70	1025	0	0	8363297	8000000	8999999
10	1252827	3	12	70	1577	1820	1959	9617149	9000000	9999999
11	936393	2	12	85	1453	1916	0	10558898	10000000	10999999
12	635037	3	12	100	1946	1878	1724	11197304	11000000	11999999

Total number of pulses in waveform = 25

Type 5 Radar Waveform_4

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	69968	1	17	65	1272	0	0	69968	0	666666
2	657856	1	17	60	1190	0	0	729096	666667	1333333
3	1261154	2	17	100	1070	1949	0	1991440	1333334	2000000
4	186112	2	17	50	1351	1126	0	2180571	2000001	2666667
5	930768	2	17	90	1484	1840	0	3113816	2666668	3333334
6	846318	1	17	65	1221	0	0	3963458	3333335	4000001
7	305486	1	17	60	1177	0	0	4270165	4000002	4666668
8	1042340	2	17	100	1052	1603	0	5313682	4666669	5333335
9	314462	2	17	65	1973	1123	0	5630799	5333336	6000002
10	780576	1	17	100	1299	0	0	6414471	6000003	6666669
11	773978	2	17	70	1851	1385	0	7189748	6666670	7333336
12	373233	2	17	100	1973	1671	0	7566217	7333337	8000003
13	901302	2	17	100	1324	1980	0	8471163	8000004	8666670
14	708067	2	17	75	1189	1733	0	9182534	8666671	9333337
15	192751	1	17	70	1635	0	0	9378207	9333338	10000004
16	1020369	1	17	80	1420	0	0	10400211	10000005	10666671
17	706940	1	17	65	1047	0	0	11108571	10666672	11333338
18	881959	2	17	85	1388	1013	0	11991577	11333339	12000005

Total number of pulses in waveform = 28



Type 5 Radar Waveform_5

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1206364	1	18	50	1690	0	0	1206364	0	1333332
2	488470	3	18	95	1468	1291	1351	1696524	1333333	2666665
3	1484180	1	18	70	1535	0	0	3184814	2666666	3999998
4	918012	1	18	100	1719	0	0	4104361	3999999	5333331
5	1228035	1	18	95	1298	0	0	5334115	5333332	6666664
6	2594933	1	18	55	1744	0	0	7930346	6666665	7999997
7	1072562	3	18	80	1073	1797	1191	9004652	7999998	9333330
8	1085699	2	18	55	1821	1164	0	10094412	9333331	10666663
9	780714	1	18	80	1696	0	0	10878111	10666664	11999996

Total number of pulses in waveform = 14

Type 5 Radar Waveform_6

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	615231	3	5	85	1035	1229	1438	615231	0	705881
2	433465	1	5	55	1483	0	0	1052398	705882	1411763
3	942157	1	5	85	1427	0	0	1996038	1411764	2117645
4	674281	1	5	80	1197	0	0	2671746	2117646	2823527
5	737369	1	5	60	1678	0	0	3410312	2823528	3529409
6	529352	2	5	95	1172	1927	0	3941342	3529410	4235291
7	442083	1	5	75	1075	0	0	4386524	4235292	4941173
8	733094	2	5	75	1934	1641	0	5120693	4941174	5647055
9	604566	1	5	100	1856	0	0	5728824	5647056	6352937
10	765795	2	5	75	1838	1805	0	6496475	6352938	7058819
11	824260	3	5	75	1972	1849	1602	7324378	7058820	7764701
12	748012	2	5	95	1205	1618	0	8077813	7764702	8470583
13	490341	3	5	95	1934	1600	1379	8570977	8470584	9176465
14	1098088	1	5	50	1119	0	0	9673978	9176466	9882347
15	240712	2	5	80	1574	1152	0	9915809	9882348	10588229
16	1143977	3	5	85	1607	1721	1713	11062512	10588230	11294111
17	762235	1	5	55	1697	0	0	11829788	11294112	11999993

Total number of pulses in waveform = 30

Type 5 Radar Waveform_7

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	115665	1	19	60	1803	0	0	115665	0	857142
2	1464333	2	19	50	1335	1877	0	1581801	857143	1714285
3	411767	2	19	60	1948	1107	0	1996780	1714286	2571428
4	1210560	2	19	65	1348	1834	0	3210395	2571429	3428571
5	430666	1	19	60	1249	0	0	3644243	3428572	4285714
6	1248943	2	19	60	1858	1168	0	4894435	4285715	5142857
7	479160	3	19	70	1602	1803	1084	5376621	5142858	6000000
8	1098297	2	19	55	1473	1928	0	6479407	6000001	6857143
9	746186	1	19	75	1977	0	0	7228994	6857144	7714286
10	792794	2	19	100	1212	1444	0	8023765	7714287	8571429
11	1070090	3	19	65	1459	1046	1412	9096511	8571430	9428572
12	1011344	1	19	80	1635	0	0	10111772	9428573	10285715
13	984216	2	19	60	1393	1681	0	11097623	10285716	11142858
14	541809	2	19	55	1601	1075	0	11642506	11142859	12000001

Total number of pulses in waveform = 26



Type 5 Radar Waveform_8

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	575820	2	10	75	1963	1832	0	575820	0	631578
2	162378	1	10	50	1633	0	0	741993	631579	1263157
3	974896	3	10	80	1493	1596	1872	1718522	1263158	1894736
4	609009	3	10	70	1840	1449	1940	2332492	1894737	2526315
5	492063	1	10	80	1055	0	0	2829784	2526316	3157894
6	647562	2	10	80	1367	1688	0	3478401	3157895	3789473
7	496417	3	10	55	1192	1270	1461	3977873	3789474	4421052
8	981835	2	10	85	1679	1485	0	4963631	4421053	5052631
9	466784	3	10	75	1043	1022	1730	5433579	5052632	5684210
10	659687	1	10	100	1759	0	0	6097061	5684211	6315789
11	464805	1	10	85	1276	0	0	6563625	6315790	6947368
12	419674	1	10	100	1541	0	0	6984575	6947369	7578947
13	1043323	3	10	95	1937	1994	1234	8029439	7578948	8210526
14	588913	2	10	80	1912	1347	0	8623517	8210527	8842105
15	703439	1	10	50	1312	0	0	9330215	8842106	9473684
16	552077	2	10	50	1191	1564	0	9883604	9473685	10105263
17	501348	3	10	60	1321	1567	1835	10387707	10105264	10736842
18	654516	1	10	75	1388	0	0	11046946	10736843	11368421
19	738296	3	10	85	1364	1072	1167	11786630	11368422	12000000

Total number of pulses in waveform = 38

Type 5 Radar Waveform_9

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	264497	1	8	70	1114	0	0	264497	0	1499999
2	2227993	1	8	65	1435	0	0	2493604	1500000	2999999
3	1509719	2	8	90	1462	1842	0	4004758	3000000	4499999
4	1284536	3	8	75	1249	1830	1033	5292598	4500000	5999999
5	1893745	3	8	80	1103	1439	1501	7190455	6000000	7499999
6	679631	2	8	50	1422	1179	0	7874129	7500000	8999999
7	2461573	2	8	65	1749	1479	0	10338303	9000000	10499999
8	1283045	3	8	65	1250	1674	1584	11624576	10500000	11999999

Total number of pulses in waveform = 17

Type 5 Radar Waveform_10

Num of Bursts = 20

Burst Interval (us)= 6000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	38866	3	6	95	1253	1253	1578	38866	0	599999
2	728318	3	6	50	1129	1429	1955	771268	600000	1199999
3	694501	3	6	70	1931	1464	1094	1470282	1200000	1799999
4	626625	3	6	95	1069	1199	1242	2101396	1800000	2399999
5	739813	2	6	65	1060	1641	0	2844719	2400000	2999999
6	501714	1	6	95	1268	0	0	3349134	3000000	3599999
7	809666	2	6	75	1556	1292	0	4160668	3600000	4199999
8	147658	2	6	75	1431	1751	0	4310574	4200000	4799999
9	907160	2	6	80	1204	1817	0	5220906	4800000	5399999
10	531607	1	6	85	1734	0	0	5755534	5400000	5999999
11	258057	1	6	100	1282	0	0	6015325	6000000	6599999
12	650764	2	6	85	1071	1615	0	6667371	6600000	7199999
13	692357	2	6	85	1630	1380	0	7362414	7200000	7799999
14	879381	3	6	100	1107	1323	1288	8244705	7800000	8399999
15	291619	3	6	100	1280	1738	1803	8540042	8400000	8999999
16	753338	1	6	75	1516	0	0	9298201	9000000	9599999
17	656167	3	6	90	1084	1060	1384	9955884	9600000	10199999
18	782261	2	6	80	1011	1719	0	10741673	10200000	10799999
19	544430	1	6	55	1261	0	0	11288833	10800000	11399999
20	194625	3	6	50	1707	1618	1560	11484719	11400000	11999999

Total number of pulses in waveform = 43



Type 5 Radar Waveform_11

Num of Bursts = 19

Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	598312	3	8	50	1375	1747	1524	598312	0	631579
2	523430	1	8	65	1238	0	0	1126388	631579	1263157
3	303892	3	8	55	1411	1666	1034	1431518	1263158	1894736
4	550481	1	8	85	1728	0	0	1986010	1894737	2526315
5	722390	1	8	90	1615	0	0	2710128	2526316	3157894
6	921805	2	8	95	1509	1204	0	3633548	3157895	3789473
7	517354	3	8	85	1314	1098	1027	4153615	3789474	4421052
8	707601	2	8	85	1493	1477	0	4864655	4421053	5052631
9	244572	2	8	100	1497	1302	0	5112197	5052632	5684210
10	595117	2	8	95	1423	1151	0	5710113	5684211	6315789
11	756199	1	8	80	1581	0	0	6468886	6315790	6947368
12	753906	2	8	100	1095	1420	0	7224373	6947369	7578947
13	423680	1	8	100	1557	0	0	7650568	7578948	8210526
14	1159568	3	8	55	1426	1228	1926	8811693	8210527	8842105
15	631222	1	8	80	1363	0	0	9447495	8842106	9473684
16	107706	2	8	60	1827	1051	0	9556564	9473685	10105263
17	1145817	1	8	95	1344	0	0	10705269	10105264	10736842
18	124587	2	8	90	1865	1418	0	10831190	10736843	11368421
19	1148410	3	8	75	1154	1056	1586	11982883	11368422	12000000

Total number of pulses in waveform = 36

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	729742	1	17	80	1710	0	0	729742	0	857142
2	149018	2	17	65	1416	1873	0	880470	857143	1714285
3	845657	3	17	55	1080	1153	1737	1729416	1714286	2571428
4	1653875	3	17	85	1869	1271	1247	3387261	2571429	3428571
5	334129	2	17	60	1682	1795	0	3725777	3428572	4285714
6	602729	3	17	100	1807	1044	1102	4331983	4285715	5142857
7	1350163	2	17	65	1068	1116	0	5686099	5142858	6000000
8	850069	1	17	80	1930	0	0	6538352	6000001	6857143
9	981175	3	17	85	1528	1745	1535	7521457	6857144	7714286
10	739816	2	17	90	1741	1709	0	8266081	7714287	8571429
11	880146	3	17	55	1763	1982	1686	9149677	8571430	9428572
12	466497	3	17	100	1576	1194	1662	9621605	9428573	10285715
13	1486990	3	17	55	1838	1376	1024	11113027	10285716	11142858
14	320381	2	17	70	1689	1890	0	11437646	11142859	12000001

Total number of pulses in waveform = 33

Type 5 Radar Waveform_13

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	190387	3	10	80	1623	1875	1146	190387	0	999999
2	852746	3	10	60	1416	1073	1633	1047777	1000000	1999999
3	995115	2	10	60	1365	1592	0	2047014	2000000	2999999
4	1448292	3	10	80	1509	1940	1039	3498263	3000000	3999999
5	1117451	1	10	65	1246	0	0	4620202	4000000	4999999
6	651245	1	10	50	1749	0	0	5272693	5000000	5999999
7	995064	2	10	55	1323	1336	0	6269506	6000000	6999999
8	1493263	3	10	100	1801	1304	1042	7765428	7000000	7999999
9	473763	3	10	75	1229	1001	1051	8243338	8000000	8999999
10	1099341	1	10	65	1683	0	0	9345960	9000000	9999999
11	1077030	1	10	95	1780	0	0	10424673	10000000	10999999
12	739673	1	10	80	1151	0	0	11166126	11000000	11999999

Total number of pulses in waveform = 24



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	507312	1	14	80	1677	0	0	507312	0	1090908
2	1074290	2	14	70	1341	1059	0	1583279	1090909	2181817
3	842014	1	14	60	1997	0	0	2427693	2181818	3272726
4	852909	3	14	80	1029	1683	1078	3282599	3272727	4363635
5	1934408	1	14	95	1166	0	0	5220797	4363636	5454544
6	1235271	3	14	65	1654	1532	1111	6457234	5454545	6545453
7	363013	1	14	90	1075	0	0	6824544	6545454	7636362
8	1301715	2	14	50	1653	1937	0	8127334	7636363	8727271
9	615146	3	14	50	1897	1334	1747	8746070	8727272	9818180
10	1094113	2	14	95	1498	1729	0	9845161	9818181	10909089
11	1929029	2	14	90	1628	1134	0	11777417	10909090	11999998

Total number of pulses in waveform = 21

Type 5 Radar Waveform_15

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	218925	1	5	50	1730	0	0	218925	0	705881
2	539476	2	5	90	1735	1084	0	760131	705882	1411763
3	1145791	1	5	55	1299	0	0	1908741	1411764	2117645
4	568905	1	5	55	1052	0	0	2478945	2117646	2823527
5	401620	2	5	80	1811	1803	0	2881617	2823528	3529409
6	1339229	2	5	100	1956	1579	0	4224460	3529410	4235291
7	563254	2	5	75	1854	1245	0	4791249	4235292	4941173
8	784746	1	5	65	1778	0	0	5579094	4941174	5647055
9	367307	2	5	85	1022	1687	0	5948179	5647056	6352937
10	1095589	3	5	75	1350	1121	1247	7046477	6352938	7058819
11	45827	1	5	65	1808	0	0	7096022	7058820	7764701
12	1345243	3	5	70	1618	1687	1194	8443073	7764702	8470583
13	462595	2	5	100	1347	1908	0	8910167	8470584	9176465
14	548646	2	5	90	1052	1698	0	9462068	9176466	9882347
15	753655	1	5	85	1874	0	0	10218473	9882348	10588229
16	789817	1	5	75	1720	0	0	11010164	10588230	11294111
17	700270	1	5	55	1119	0	0	11712154	11294112	11999993

Total number of pulses in waveform = 28

Type 5 Radar Waveform_16

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	294560	3	12	85	1157	1667	1027	294560	0	631578
2	819030	1	12	90	1168	0	0	1117441	631579	1263157
3	553604	3	12	95	1712	1852	1678	1672203	1263158	1894736
4	783458	3	12	65	1450	1721	1384	2460903	1894737	2526315
5	405905	1	12	55	1118	0	0	2871363	2526316	3157894
6	523245	1	12	50	1861	0	0	3395726	3157895	3789473
7	555387	2	12	85	1329	1913	0	3952974	3789474	4421052
8	928346	1	12	55	1390	0	0	4884562	4421053	5052631
9	777561	2	12	95	1422	1455	0	5663513	5052632	5684210
10	477189	2	12	85	1429	1715	0	6143579	5684211	6315789
11	467137	2	12	90	1300	1513	0	6613860	6315790	6947368
12	955509	3	12	95	1814	1918	1802	7572182	6947369	7578947
13	215056	2	12	70	1121	1752	0	7792772	7578948	8210526
14	689886	1	12	100	1397	0	0	8485531	8210527	8842105
15	437074	2	12	95	1914	1567	0	8924002	8842106	9473684
16	1053160	3	12	95	1967	1215	1137	9680643	9473685	10105263
17	144326	1	12	70	1103	0	0	10129288	10105264	10736842
18	931419	1	12	50	1292	0	0	11061810	10736843	11368421
19	509294	1	12	60	1904	0	0	11572396	11368422	12000000

Total number of pulses in waveform = 35

Type 5 Radar Waveform_17

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	661635	3	18	80	1678	1813	1214	661635	0	857142
2	656060	1	18	75	1357	0	0	1322400	857143	1714285
3	979255	1	18	75	1978	0	0	2303012	1714286	2571428
4	567529	1	18	70	1404	0	0	2872519	2571429	3428571
5	1254101	2	18	85	1803	1004	0	4128024	3428572	4285714
6	425930	3	18	80	1182	1630	1524	4556761	4285715	5142857
7	738267	3	18	70	1523	1936	1140	5299364	5142858	6000000
8	1454881	1	18	75	1408	0	0	6758849	6000001	6857143
9	854901	1	18	80	1859	0	0	7615158	6857144	7714286
10	254974	1	18	95	1262	0	0	7871991	7714287	8571429
11	1423542	3	18	80	1998	1999	1914	9296795	8571430	9428572
12	359547	3	18	75	1950	1659	1696	9662253	9428573	10285715
13	1209604	3	18	90	1724	1683	1142	10877162	10285716	11142858
14	380969	2	18	70	1686	1709	0	11262680	11142859	12000001

Total number of pulses in waveform = 28

Type 5 Radar Waveform_18

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	506813	1	6	80	1561	0	0	506813	0	705881
2	754118	2	6	55	1368	1379	0	1262492	705882	1411763
3	320716	2	6	90	1773	1426	0	1585955	1411764	2117645
4	594344	2	6	80	1133	1229	0	2506855	2117646	2823527
5	958387	1	6	75	1819	0	0	3103561	2823528	3529409
6	483042	3	6	90	1149	1555	1020	4063767	3529410	4235291
7	962441	2	6	65	1332	1470	0	4550533	4235292	4941173
8	472140	1	6	55	1425	0	0	5515776	4941174	5647055
9	874262	3	6	50	1177	1400	1319	5989341	5647056	6352937
10	438801	1	6	50	1183	0	0	6867499	6352938	7058819
11	980257	2	6	75	1057	1533	0	7307483	7058820	7764701
12	183012	3	6	65	1741	1530	1102	8290330	7764702	8470583
13	1341489	1	6	55	1898	0	0	8477715	8470584	9176465
14	221602	2	6	70	1342	1282	0	9821102	9176466	9882347
15	871815	3	6	65	1940	1802	1300	10045328	9882348	10588229
16	798569	1	6	80	1486	0	0	10922185	10588230	11294111
17	798569	2	6	50	1569	1431	0	11722240	11294112	11999993

Total number of pulses in waveform = 32

Type 5 Radar Waveform_19

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	144062	1	19	95	1717	0	0	144062	0	1333332
2	1896315	2	19	75	1610	1049	0	2042094	1333333	2666665
3	904608	2	19	50	1546	1511	0	2949361	2666666	3999998
4	1667201	2	19	90	1051	1357	0	4619619	3999999	5333331
5	1469551	3	19	50	1706	1963	1816	6091578	5333332	6666664
6	632865	3	19	50	1119	1599	1834	6729928	6666665	7999997
7	2174328	3	19	75	1993	1185	1275	8908808	7999998	9333330
8	1272706	2	19	70	1282	1533	0	10185967	9333331	10666663
9	1478419	1	19	85	1176	0	0	11667201	10666664	11999996

Total number of pulses in waveform = 19

Type 5 Radar Waveform_20

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1173548	3	9	60	1761	1785	1259	1173548	0	1333332
2	439948	3	9	90	1639	1061	1758	1618301	1333333	2666665
3	1743896	3	9	65	1124	1763	1498	3366655	2666666	3999998
4	975196	1	9	75	1059	0	0	4346236	3999999	5333331
5	1238770	2	9	85	1773	1967	0	5586065	5333332	6666664
6	2005244	1	9	50	1030	0	0	7595049	6666665	7999997
7	1447901	2	9	90	1216	1504	0	9043980	7999998	9333330
8	1013294	2	9	75	1883	1273	0	10059994	9333331	10666663
9	1721995	3	9	85	1440	1396	1173	11785145	10666664	11999996

Total number of pulses in waveform = 20

Type 5 Radar Waveform_21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	780182	1	8	90	1438	0	0	780182	0	799999
2	231421	2	8	95	1094	1920	0	1013041	800000	1599999
3	588014	1	8	85	1891	0	0	1604069	1600000	2399999
4	852690	3	8	75	1867	1261	1826	2458650	2400000	3199999
5	751571	3	8	90	1178	1045	1878	3215175	3200000	3999999
6	1178465	3	8	80	1849	1363	1748	4397741	4000000	4799999
7	604862	2	8	95	1927	1839	0	5007563	4800000	5599999
8	598474	3	8	100	1987	1993	1166	5609803	5600000	6399999
9	835666	2	8	85	1320	1312	0	6450615	6400000	7199999
10	1387193	1	8	100	1535	0	0	7840440	7200000	7999999
11	261356	1	8	55	1738	0	0	8103331	8000000	8799999
12	1233083	3	8	50	1701	1749	1014	9338152	8800000	9599999
13	519811	1	8	85	1550	0	0	9862427	9600000	10399999
14	600878	3	8	90	1924	1644	1396	10464855	10400000	11199999
15	768161	1	8	80	1554	0	0	11237980	11200000	11999999

Total number of pulses in waveform = 30

Type 5 Radar Waveform_22

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	985419	3	9	95	1634	1871	1075	985419	0	1499999
2	1155390	2	9	100	1881	1744	0	2145389	1500000	2999999
3	2007394	1	9	65	1168	0	0	4156408	3000000	4499999
4	842121	2	9	75	1181	1360	0	4999697	4500000	5999999
5	1811990	1	9	65	1356	0	0	6814228	6000000	7499999
6	783744	1	9	65	1104	0	0	7599328	7500000	8999999
7	2442581	2	9	60	1277	1156	0	10043013	9000000	10499999
8	807227	3	9	85	1057	1953	1272	10852673	10500000	11999999

Total number of pulses in waveform = 15

Type 5 Radar Waveform_23

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	850873	1	14	70	1310	0	0	850873	0	1333332
2	1298267	1	14	95	1522	0	0	2150450	1333333	2666665
3	1839544	3	14	75	1874	1227	1025	3991516	2666666	3999998
4	414311	1	14	55	1569	0	0	4409953	3999999	5333331
5	1699652	1	14	80	1059	0	0	6111174	5333332	6666664
6	1471154	3	14	50	1272	1398	1351	7583387	6666665	7999997
7	1440266	2	14	85	1762	1021	0	9027674	7999998	9333330
8	428184	3	14	50	1866	1094	1771	9458641	9333331	10666663
9	1628868	3	14	85	1395	1074	1440	11092240	10666664	11999996

Total number of pulses in waveform = 18

Type 5 Radar Waveform_24

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	449136	2	10	70	1813	1374	0	449136	0	999999
2	1125317	3	10	90	1317	1479	1655	1577640	1000000	1999999
3	570680	1	10	95	1946	0	0	2152771	2000000	2999999
4	1144975	1	10	70	1378	0	0	3299692	3000000	3999999
5	822956	3	10	50	1266	1746	1946	4124026	4000000	4999999
6	1406459	1	10	55	1688	0	0	5535443	5000000	5999999
7	463592	2	10	85	1612	1176	0	6000723	6000000	6999999
8	1413963	2	10	60	1682	1315	0	7417474	7000000	7999999
9	1021697	1	10	75	1936	0	0	8442168	8000000	8999999
10	601301	1	10	65	1160	0	0	9045405	9000000	9999999
11	1166902	2	10	60	1355	1004	0	10213467	10000000	10999999
12	909672	1	10	50	1370	0	0	11125498	11000000	11999999

Total number of pulses in waveform = 20

Type 5 Radar Waveform_25

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	532506	3	18	85	1969	1140	1389	532506	0	999999
2	1366753	3	18	85	1678	1810	1541	1903757	1000000	1999999
3	852517	1	18	95	1382	0	0	2761303	2000000	2999999
4	967795	1	18	65	1284	0	0	3730480	3000000	3999999
5	765680	1	18	55	1270	0	0	4497444	4000000	4999999
6	890661	1	18	95	1577	0	0	5389375	5000000	5999999
7	1342214	2	18	80	1085	1511	0	6733166	6000000	6999999
8	1119943	1	18	80	1367	0	0	7855705	7000000	7999999
9	306276	1	18	80	1049	0	0	8163348	8000000	8999999
10	956126	2	18	55	1073	1798	0	9120523	9000000	9999999
11	1805320	2	18	55	1667	1918	0	10928714	10000000	10999999
12	393352	3	18	85	1613	1339	1772	11325651	11000000	11999999

Total number of pulses in waveform = 21



Type 5 Radar Waveform_26

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	345589	3	5	55	1814	1506	1768	345589	0	857142
2	1355306	3	5	90	1695	1612	1521	1705983	857143	1714285
3	529367	2	5	85	1983	1924	0	2240178	1714286	2571428
4	847658	3	5	60	1945	1448	1196	3091743	2571429	3428571
5	919854	1	5	100	1691	0	0	4016186	3428572	4285714
6	906617	2	5	85	1631	1784	0	4924494	4285715	5142857
7	963211	1	5	80	1050	0	0	5891120	5142858	6000000
8	834143	3	5	50	1417	1986	1026	6726313	6000001	6857143
9	462613	3	5	50	1119	1529	1007	7193355	6857144	7714286
10	649419	3	5	80	1801	1317	1958	7846429	7714287	8571429
11	1497990	1	5	70	1248	0	0	9349495	8571430	9428572
12	898129	2	5	90	1784	1801	0	10248872	9428573	10285715
13	355631	2	5	65	1940	1309	0	10608088	10285716	11142858
14	1303482	3	5	100	1877	1285	1964	11914819	11142859	12000001

Total number of pulses in waveform = 32

Type 5 Radar Waveform_27

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	443739	1	17	55	1442	0	0	443739	0	1090908
2	1629359	2	17	95	1018	1218	0	2074540	1090909	2181817
3	232919	2	17	100	1970	1485	0	2309695	2181818	3272726
4	1110114	2	17	55	1399	1566	0	3423264	3272727	4363635
5	1944409	2	17	70	1222	1430	0	5370638	4363636	5454544
6	392827	1	17	95	1126	0	0	5766117	5454545	6545453
7	1769568	1	17	65	1893	0	0	7536811	6545454	7636362
8	542701	1	17	90	1067	0	0	8081405	7636363	8727271
9	818213	2	17	60	1223	1420	0	8900685	8727272	9818180
10	1438642	1	17	80	1223	0	0	10341970	9818181	10909089
11	1029898	3	17	90	1833	1188	1888	11373091	10909090	11999998

Total number of pulses in waveform = 18

Type 5 Radar Waveform_28

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	371168	3	6	100	1819	1188	1573	371168	0	599999
2	613703	3	6	65	1062	1054	1237	989451	600000	1199999
3	558228	1	6	50	1705	0	0	1551032	1200000	1799999
4	473448	2	6	80	1269	1680	0	2026185	1800000	2399999
5	721098	3	6	60	1015	1188	1986	2750232	2400000	2999999
6	648493	3	6	100	1272	1579	1144	3402914	3000000	3599999
7	197314	2	6	85	1022	1653	0	3604223	3600000	4199999
8	619653	2	6	80	1353	1714	0	4226851	4200000	4799999
9	871422	3	6	95	1959	1434	1651	5101340	4800000	5399999
10	527546	1	6	90	1288	0	0	5633930	5400000	5999999
11	422269	1	6	80	1216	0	0	6057487	6000000	6599999
12	724896	1	6	75	1878	0	0	6783599	6600000	7199999
13	859347	2	6	60	1205	1610	0	7644824	7200000	7799999
14	554407	1	6	100	2000	0	0	8202046	7800000	8399999
15	405102	2	6	95	1828	1253	0	8609148	8400000	8999999
16	543316	2	6	65	1369	1101	0	9155545	9000000	9599999
17	1000915	3	6	60	1071	1434	1819	10158930	9600000	10199999
18	375828	3	6	75	1659	1452	1488	10539082	10200000	10799999
19	340973	2	6	50	1017	1857	0	10884654	10800000	11399999
20	717035	1	6	95	1142	0	0	11604563	11400000	11999999

Total number of pulses in waveform = 41

**Type 5 Radar Waveform_29**

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	289285	1	19	75	1959	0	0	289285	0	1499999
2	2050387	1	19	90	1908	0	0	2341631	1500000	2999999
3	1981814	1	19	100	1552	0	0	4325353	3000000	4499999
4	1011040	2	19	75	1655	1821	0	5337945	4500000	5999999
5	945532	1	19	80	1749	0	0	6286953	6000000	7499999
6	2402076	3	19	80	1235	1578	1356	8690778	7500000	8999999
7	1783017	2	19	75	1355	1387	0	10477964	9000000	10499999
8	1453541	1	19	80	1615	0	0	11934247	10500000	11999999

Total number of pulses in waveform = 12

Type 5 Radar Waveform_30

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	526142	3	12	75	1132	1193	1837	526142	0	857142
2	667141	2	12	80	1212	1407	0	1197445	857143	1714285
3	929975	2	12	90	1002	1604	0	2130039	1714286	2571428
4	1273616	1	12	90	1450	0	0	3406261	2571429	3428571
5	845999	2	12	95	1414	1666	0	4253710	3428572	4285714
6	330386	1	12	85	1127	0	0	4587176	4285715	5142857
7	1303319	1	12	95	1634	0	0	5891622	5142858	6000000
8	904407	2	12	50	1145	1074	0	6797663	6000001	6857143
9	611667	2	12	100	1778	1653	0	7411549	6857144	7714286
10	551829	2	12	65	1854	1578	0	7966809	7714287	8571429
11	1028274	2	12	100	1450	1294	0	8998515	8571430	9428572
12	1263422	2	12	60	1755	1736	0	10264681	9428573	10285715
13	31803	3	12	60	1505	1496	1546	10299975	10285716	11142858
14	1159047	3	12	60	1491	1596	1138	11463569	11142859	12000001

Total number of pulses in waveform = 28

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	5535.6	1	16	5584.8	1
2	5523.6	1	17	5505.1	1
3	5641.7	1	18	5590.3	1
4	5559.6	1	19	5570.0	1
5	5649.0	1	20	5638.3	1
6	5529.3	1	21	5499.9	1
7	5645.3	1	22	5578.4	1
8	5541.3	1	23	5614.5	1
9	5646.9	1	24	5547.6	1
10	5491.0	1	25	5596.5	1
11	5620.3	1	26	5493.5	1
12	5553.4	1	27	5608.5	1
13	5626.7	1	28	5572.6	1
14	5511.5	1	29	5632.4	1
15	5535.6	1	30	5517.3	1
Detection Percentage (%)					100%

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5520	3	7	5508	21
2	5498	6	16	5468	48
13	5470	39	24	5480	72
20	5515	60	39	5500	117
35	5463	105	41	5510	123
42	5466	126	43	5483	129
48	5480	144	55	5502	165
52	5502	156	57	5462	171
56	5508	168	67	5512	201
57	5485	171	77	5503	231
58	5484	174	--	--	--
65	5479	195	--	--	--
83	5518	249	--	--	--
92	5492	276	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
13	5598	39	4	5514	12
17	5583	51	8	5497	24
23	5602	69	9	5507	27
26	5573	78	16	5546	48
34	5587	102	21	5520	63
35	5604	105	22	5505	66
38	5577	114	23	5493	69
42	5613	126	26	5490	78
62	5591	186	30	5521	90
68	5600	204	41	5534	123
76	5614	228	55	5535	165
89	5609	267	60	5525	180
92	5567	276	78	5492	234
--	--	--	80	5500	240
--	--	--	82	5524	246
--	--	--	84	5502	252
--	--	--	91	5498	273
--	--	--	92	5539	276
--	--	--	94	5509	282

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5587	0	14	5500	42
7	5622	21	22	5490	66
8	5592	24	25	5521	75
10	5582	30	29	5519	87
36	5615	108	34	5481	102
60	5613	180	41	5508	123
88	5616	264	47	5530	141
97	5628	291	52	5524	156
--	--	--	58	5512	174
--	--	--	81	5525	243
--	--	--	89	5470	267
--	--	--	94	5484	282
--	--	--	96	5476	288

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5612	3	6	5543	18
10	5625	30	11	5529	33
12	5629	36	12	5507	36
19	5585	57	23	5525	69
56	5607	168	32	5541	96
65	5594	195	35	5494	105
70	5603	210	57	5509	171
80	5582	240	61	5538	183
--	--	--	63	5490	189
--	--	--	67	5510	201
--	--	--	73	5506	219
--	--	--	90	5546	270

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
7	5602	21	2	5511	6
13	5615	39	8	5555	24
15	5629	45	16	5556	48
39	5633	117	18	5520	54
62	5658	186	20	5550	60
64	5647	192	26	5559	78
65	5619	195	29	5552	87
66	5605	198	36	5547	108
67	5607	201	45	5519	135
76	5621	228	46	5544	138
93	5650	279	49	5531	147
95	5610	285	50	5553	150
98	5639	294	58	5542	174
--	--	--	67	5569	201
--	--	--	71	5529	213
--	--	--	72	5567	216
--	--	--	76	5535	228
--	--	--	88	5539	264
--	--	--	94	5558	282
--	--	--	96	5568	288

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5581	0	6	5555	18
6	5577	18	9	5559	27
16	5607	48	12	5569	36
22	5571	66	15	5549	45
31	5630	93	18	5561	54
33	5617	99	21	5558	63
39	5589	117	23	5580	69
47	5583	141	32	5557	96
54	5618	162	45	5574	135
55	5626	165	46	5581	138
67	5608	201	59	5548	177
70	5594	210	81	5563	243
72	5609	216	97	5588	291
77	5622	231	99	5560	297

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
11	5554	33	31	5570	93
16	5569	48	38	5539	114
20	5573	60	45	5510	135
23	5558	69	62	5566	186
47	5556	141	65	5540	195
62	5574	186	71	5528	213
63	5564	189	75	5544	225
67	5557	201	77	5549	231
72	5552	216	87	5536	261
75	5585	225	91	5524	273
86	5572	258	--	--	--
97	5565	291	--	--	--

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5559	3	9	5579	27
28	5596	84	14	5544	42
30	5572	90	43	5560	129
31	5566	93	48	5561	144
33	5593	99	64	5547	192
37	5540	111	--	--	--
42	5578	126	--	--	--
43	5571	129	--	--	--
48	5592	144	--	--	--
83	5543	249	--	--	--
85	5549	255	--	--	--
94	5547	282	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5546	24	12	5568	36
17	5568	51	27	5555	81
20	5515	60	35	5554	105
25	5555	75	42	5581	126
30	5567	90	49	5596	147
35	5566	105	73	5597	219
41	5513	123	81	5573	243
53	5560	159	84	5565	252
64	5552	192	--	--	--
67	5561	201	--	--	--
77	5525	231	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5591	24	0	5579	0
11	5588	33	13	5593	39
17	5556	51	14	5575	42
19	5597	57	18	5585	54
20	5583	60	22	5598	66
33	5553	99	37	5588	111
37	5558	111	42	5565	126
46	5567	138	46	5578	138
54	5593	162	73	5597	219
58	5585	174	--	--	--
69	5603	207	--	--	--
74	5579	222	--	--	--
78	5570	234	--	--	--
79	5599	237	--	--	--
81	5573	243	--	--	--
82	5600	246	--	--	--
91	5602	273	--	--	--

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5516	3	3	5589	9
5	5484	15	5	5584	15
8	5527	24	14	5622	42
11	5523	33	22	5600	66
24	5511	72	23	5582	69
27	5480	81	25	5619	75
30	5526	90	26	5624	78
31	5470	93	30	5612	90
44	5510	132	31	5626	93
55	5495	165	46	5598	138
59	5525	177	47	5638	141
60	5482	180	60	5634	180
89	5471	267	70	5581	210
95	5503	285	80	5625	240
--	--	--	92	5640	276
--	--	--	95	5609	285

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5606	3	1	5605	3
5	5591	15	36	5555	108
8	5604	24	37	5575	111
10	5644	30	40	5553	120
39	5621	117	43	5570	129
62	5611	186	45	5607	135
67	5638	201	46	5581	138
68	5623	204	50	5592	150
80	5633	240	53	5574	159
85	5596	255	58	5589	174
95	5618	285	60	5598	180
97	5592	291	77	5577	231
--	--	--	84	5558	252
--	--	--	87	5573	261
--	--	--	99	5568	297

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5650	36	0	5536	0
15	5659	45	9	5515	27
20	5626	60	12	5527	36
34	5620	102	21	5514	63
48	5640	144	28	5523	84
52	5641	156	30	5557	90
55	5616	165	38	5564	114
68	5619	204	41	5522	123
73	5656	219	44	5530	132
78	5653	234	47	5541	141
89	5614	267	53	5551	159
92	5666	276	55	5561	165
96	5651	288	57	5546	171
--	--	--	70	5511	210
--	--	--	75	5563	225
--	--	--	92	5559	276

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5613	0	10	5574	30
2	5646	6	16	5554	48
31	5657	93	27	5560	81
50	5662	150	29	5564	87
57	5645	171	37	5537	111
59	5612	177	38	5531	114
70	5664	210	43	5565	129
72	5625	216	50	5551	150
82	5648	246	55	5568	165
86	5666	258	78	5567	234
90	5615	270	87	5536	261
92	5614	276	91	5550	273
--	--	--	92	5546	276

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5622	24	1	5544	3
11	5626	33	3	5561	9
19	5658	57	5	5549	15
24	5650	72	7	5525	21
25	5619	75	29	5536	87
29	5673	87	33	5521	99
32	5675	96	37	5574	111
37	5645	111	50	5560	150
49	5655	147	55	5562	165
57	5621	171	65	5559	195
76	5660	228	66	5541	198
91	5629	273	77	5542	231
95	5637	285	81	5556	243
--	--	--	83	5572	249
--	--	--	85	5524	255
--	--	--	88	5571	264
--	--	--	95	5565	285

The End