

10MHz Bandwidths
New3RandParmBin5 for all bins

Random DFS waveform parameters (NewBin5) 11-Jun-2015 15:28:51

Waveform Num = 1
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	790364	3	13.0	63	1910	1012	1543	790364	0	1199999
2	1594802	1	13.0	74	1721	0	0	2389631	1200000	2399999
3	570300	2	14.0	97	1758	1548	0	2961652	2400000	3599999
4	1460845	3	11.0	98	1641	1330	1631	4425803	3600000	4799999
5	370805	1	9.0	83	1024	0	0	4801210	4800000	5999999
6	1679840	1	10.0	56	1192	0	0	6482074	6000000	7199999
7	1861936	1	6.0	71	1998	0	0	8345202	7200000	8399999
8	680214	1	11.0	74	1528	0	0	9027414	8400000	9599999
9	620589	1	13.0	65	1277	0	0	9649531	9600000	10799999
10	1935774	1	6.0	52	1169	0	0	11586582	10800000	11999999

Total number of pulses in waveform = 15

♀
Waveform Num = 2
Num of Bursts = 14
Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	627227	3	9.0	96	1108	1081	1842	627227	0	857142
2	890255	3	16.0	66	1509	1289	1398	1521513	857143	1714285
3	1023639	3	11.0	90	1591	1633	1910	2549348	1714286	2571428
4	380108	2	19.0	72	1179	1448	0	2934590	2571429	3428571
5	1150475	2	12.0	59	1663	1862	0	4087692	3428572	4285714
6	815065	2	17.0	81	1582	1374	0	4906282	4285715	5142857
7	921900	1	13.0	68	1365	0	0	5831138	5142858	6000000
8	545631	1	18.0	54	1217	0	0	6378134	6000001	6857143
9	879252	3	19.0	86	1403	1725	1636	7258603	6857144	7714286
10	1262030	3	10.0	64	1428	1667	1667	8525397	7714287	8571429
11	540529	1	6.0	50	1842	0	0	9070688	8571430	9428572
12	854748	3	5.0	83	1495	1201	1988	9927278	9428573	10285715
13	561385	3	15.0	71	1544	1339	1738	10493347	10285716	11142858
14	952987	1	11.0	99	1177	0	0	11450955	11142859	12000001

Total number of pulses in waveform = 31

♀
Waveform Num = 3
Num of Bursts = 19
Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	278121	3	10.0	75	1142	1771	1404	278121	0	631578
2	791874	3	20.0	85	1950	1799	1141	1074312	631579	1263157
3	263001	1	15.0	57	1305	0	0	1342203	1263158	1894736
4	1044551	1	19.0	67	1394	0	0	2388059	1894737	2526315
5	503598	3	20.0	75	1963	1835	1808	2893051	2526316	3157894
6	730052	3	10.0	94	1565	1569	1265	3628709	3157895	3789473
7	702079	2	16.0	96	1916	1444	0	4335187	3789474	4421052

New3RandParmBin5 for all bins

	186383									
8	924686	3	17.0	72	1907	1020	1083	4524930	4421053	5052631
9	699257	3	10.0	70	1268	1541	1176	5453626	5052632	5684210
10	168626	3	11.0	56	1387	1596	1326	6156868	5684211	6315789
11	803136	2	18.0	98	1980	1470	0	6329803	6315790	6947368
12	571595	1	9.0	57	1704	0	0	7136389	6947369	7578947
13	658945	3	12.0	97	1536	1493	1038	7709688	7578948	8210526
14	934252	1	16.0	84	1360	0	0	8372700	8210527	8842105
15	569046	1	16.0	75	1984	0	0	9308312	8842106	9473684
16	564285	2	10.0	78	1428	1844	0	9879342	9473685	10105263
17	294452	3	13.0	90	1548	1123	1269	10446899	10105264	10736842
18	872281	2	10.0	74	1255	1834	0	10745291	10736843	11368421
19		2	10.0	82	1922	1968	0	11620661	11368422	12000000

Total number of pulses in waveform = 42

Waveform Num = 4
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1153421	3	14.0	55	1224	1841	1645	1153421	0	1499999
2	626965	3	16.0	99	1258	1804	1237	1785096	1500000	2999999
3	1988005	2	13.0	64	1445	1666	0	3777400	3000000	4499999
4	1139650	3	12.0	90	1111	1281	1734	4920161	4500000	5999999
5	1791481	1	11.0	59	1845	0	0	6715768	6000000	7499999
6	1382411	3	15.0	86	1211	1901	1537	8100024	7500000	8999999
7	2248887	1	9.0	83	1734	0	0	10353560	9000000	10499999
8	995998	2	5.0	79	1747	1345	0	11351292	10500000	11999999

Total number of pulses in waveform = 18

Waveform Num = 5
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	282044	3	12.0	72	1844	1534	1456	282044	0	857142
2	653504	1	19.0	69	1405	0	0	940382	857143	1714285
3	972204	1	16.0	60	1254	0	0	1913991	1714286	2571428
4	1509740	2	14.0	68	1148	1295	0	3424985	2571429	3428571
5	697939	1	16.0	90	1819	0	0	4125367	3428572	4285714
6	226323	3	8.0	52	1726	1839	1651	4353509	4285715	5142857
7	793796	3	9.0	83	1691	1655	1517	5152521	5142858	6000000
8	1390140	3	14.0	53	1345	1820	1320	6547524	6000001	6857143
9	466570	1	9.0	56	1592	0	0	7018579	6857144	7714286
10	1384799	3	5.0	96	1491	1965	1755	8404970	7714287	8571429
11	459590	1	19.0	81	1166	0	0	8869771	8571430	9428572
12	1356709	3	7.0	84	1741	1832	1918	10227646	9428573	10285715
13	718991	1	12.0	99	1049	0	0	10952128	10285716	11142858
14	306012	3	12.0	91	1049	1943	1960	11259189	11142859	12000001

Total number of pulses in waveform = 29

Waveform Num = 6
 Num of Bursts = 14

New3RandParmBin5 for all bins

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	49442	2	6.0	93	1136	1977	0	49442	0	857142
2	831271	2	7.0	78	1958	1358	0	883826	857143	1714285
3	1674094	1	17.0	73	1685	0	0	2561236	1714286	2571428
4	454836	1	13.0	69	1446	0	0	3017757	2571429	3428571
5	575771	2	7.0	67	1257	1847	0	3594974	3428572	4285714
6	1122487	2	5.0	63	1675	1344	0	4720565	4285715	5142857
7	1181299	1	16.0	78	1972	0	0	5904883	5142858	6000000
8	674352	1	7.0	77	1910	0	0	6581207	6000001	6857143
9	851699	2	5.0	100	1141	1803	0	7434816	6857144	7714286
10	1088929	2	16.0	89	1987	1313	0	8526689	7714287	8571429
11	335187	2	19.0	60	1736	1076	0	8865176	8571430	9428572
12	1138012	2	6.0	92	1379	1293	0	10006000	9428573	10285715
13	718278	3	6.0	99	1394	1104	1691	10726950	10285716	11142858
14	1247597	2	8.0	98	1804	1515	0	11978736	11142859	12000001

Total number of pulses in waveform = 25

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Waveform Num = 7
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	694769	3	6.0	68	1275	1659	1448	694769	0	705881
2	187117	1	10.0	86	1330	0	0	886268	705882	1411763
3	708307	1	9.0	74	1636	0	0	1595905	1411764	2117645
4	1075715	1	8.0	96	1976	0	0	2673256	2117646	2823527
5	348227	3	13.0	82	1857	1605	1733	3023459	2823528	3529409
6	697529	2	20.0	96	1897	1696	0	3726183	3529410	4235291
7	1108467	1	19.0	50	1233	0	0	4838243	4235292	4941173
8	551081	2	18.0	55	1145	1389	0	5390557	4941174	5647055
9	940182	2	9.0	54	1333	1314	0	6333273	5647056	6352937
10	414610	1	13.0	57	1660	0	0	6750530	6352938	7058819
11	545917	3	7.0	78	1350	1221	1812	7298107	7058820	7764701
12	848993	2	13.0	90	1740	1044	0	8151483	7764702	8470583
13	663378	1	11.0	81	1283	0	0	8817645	8470584	9176465
14	667240	1	16.0	85	1856	0	0	9486168	9176466	9882347
15	434924	1	10.0	61	1809	0	0	9922948	9882348	10588229
16	1358795	1	16.0	93	1832	0	0	11283552	10588230	11294111
17	451703	2	16.0	68	1635	1322	0	11737087	11294112	11999993

Total number of pulses in waveform = 28

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Waveform Num = 8
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	452705	1	8.0	55	1638	0	0	452705	0	999999
2	1096035	1	5.0	95	1153	0	0	1550378	1000000	1999999
3	1218568	3	5.0	91	1468	1043	1339	2770099	2000000	2999999

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4	539984	2	8.0	52	1759	1965	0	3313933	3000000	3999999
5	1133605	1	19.0	95	1610	0	0	4451262	4000000	4999999
6	1144690	2	8.0	100	1974	1520	0	5597562	5000000	5999999
7	1139055	2	6.0	75	1568	1703	0	6740111	6000000	6999999
8	398190	1	7.0	60	1105	0	0	7141572	7000000	7999999
9	1219139	2	16.0	65	1862	1281	0	8361816	8000000	8999999
10	1259415	3	17.0	91	1556	1762	1565	9624374	9000000	9999999
11	570218	2	18.0	53	1747	1400	0	10199475	10000000	10999999
12	1736290	3	15.0	63	1835	1712	1859	11938912	11000000	11999999

Total number of pulses in waveform = 23

Waveform Num = 9
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	347125	3	17.0	76	1134	1469	1652	347125	0	705881
2	791442	1	8.0	82	1082	0	0	1142822	705882	1411763
3	415012	3	5.0	59	1199	1712	1489	1558916	1411764	2117645
4	1097607	2	12.0	100	1404	1747	0	2660923	2117646	2823527
5	418206	1	10.0	80	1656	0	0	3082280	2823528	3529409
6	960372	2	6.0	96	1212	1400	0	4044308	3529410	4235291
7	741952	1	6.0	85	1061	0	0	4788872	4235292	4941173
8	669232	1	20.0	68	1487	0	0	5459165	4941174	5647055
9	251611	2	13.0	87	1992	1777	0	5712263	5647056	6352937
10	1153501	3	15.0	56	1516	1064	1503	6869533	6352938	7058819
11	564566	3	12.0	74	1542	1820	1259	7438182	7058820	7764701
12	591431	1	16.0	86	1203	0	0	8034234	7764702	8470583
13	964487	2	19.0	68	1322	1377	0	8999924	8470584	9176465
14	577118	1	5.0	68	1412	0	0	9579741	9176466	9882347
15	554363	3	12.0	92	1902	1785	1778	10135516	9882348	10588229
16	1052521	1	6.0	51	1454	0	0	11193502	10588230	11294111
17	292227	2	11.0	69	1269	1131	0	11487183	11294112	11999993

Total number of pulses in waveform = 32

Waveform Num = 10
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	40509	3	20.0	70	1247	1985	1317	40509	0	1333332
2	1557555	2	15.0	94	1920	1399	0	1602613	1333333	2666665
3	2102774	2	14.0	88	1640	1299	0	3708706	2666666	3999998
4	824540	3	16.0	98	1291	1225	1060	4536185	3999999	5333331
5	1883474	2	6.0	87	1038	1292	0	6423235	5333332	6666664
6	724478	3	13.0	87	1973	1215	1685	7150043	6666665	7999997
7	1107504	2	7.0	62	1531	1433	0	8262420	7999998	9333330
8	1132418	2	11.0	94	1572	1143	0	9397802	9333331	10666663
9	1817081	3	15.0	97	1451	1441	1224	11217598	10666664	11999996

Total number of pulses in waveform = 22

New3RandParmBin5 for all bins

Waveform Num = 11
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	154158	2	8.0	61	1324	1563	0	154158	0	1090908
2	1012110	2	13.0	61	1973	1908	0	1169155	1090909	2181817
3	1817138	1	10.0	81	1980	0	0	2990174	2181818	3272726
4	607634	1	8.0	81	1474	0	0	3599788	3272727	4363635
5	1363802	1	17.0	89	1550	0	0	4965064	4363636	5454544
6	676759	1	16.0	88	1937	0	0	5643373	5454545	6545453
7	1445330	1	8.0	98	1709	0	0	7090640	6545454	7636362
8	1391494	1	10.0	66	1648	0	0	8483843	7636363	8727271
9	952178	1	8.0	57	1749	0	0	9437669	8727272	9818180
10	910928	1	11.0	78	1916	0	0	10350346	9818181	10909089
11	1368312	3	10.0	98	1422	1406	1127	11720574	10909090	11999998

Total number of pulses in waveform = 15

Waveform Num = 12
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	33805	2	5.0	55	1515	1946	0	33805	0	857142
2	1440966	2	13.0	65	1005	1638	0	1478232	857143	1714285
3	625912	2	6.0	91	1056	1517	0	2106787	1714286	2571428
4	721132	1	8.0	78	1239	0	0	2830492	2571429	3428571
5	1147895	1	7.0	69	1009	0	0	3979626	3428572	4285714
6	1009885	2	11.0	79	1530	1867	0	4990520	4285715	5142857
7	845851	3	5.0	56	1550	1374	1473	5839768	5142858	6000000
8	759444	1	20.0	94	1410	0	0	6603609	6000001	6857143
9	339565	2	7.0	51	1460	1817	0	6944584	6857144	7714286
10	854030	2	9.0	93	1189	1239	0	7801891	7714287	8571429
11	1496755	3	9.0	68	1661	1509	1694	9301074	8571430	9428572
12	885437	1	18.0	98	1547	0	0	10191375	9428573	10285715
13	328641	3	20.0	83	1467	1664	1987	10521563	10285716	11142858
14	1262148	1	10.0	59	1638	0	0	11788829	11142859	12000001

Total number of pulses in waveform = 26

Waveform Num = 13
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	175176	3	14.0	80	1745	1507	1689	175176	0	749999
2	1071163	2	10.0	86	1157	1175	0	1251280	750000	1499999
3	399162	1	20.0	91	1705	0	0	1652774	1500000	2249999
4	1141054	2	20.0	51	1258	1938	0	2795533	2250000	2999999
5	333997	1	12.0	53	1065	0	0	3132726	3000000	3749999
6	927564	2	14.0	60	1321	1306	0	4061355	3750000	4499999
7	482361	2	14.0	54	1539	1270	0	4546343	4500000	5249999
8	1094576	2	8.0	71	1246	1721	0	5643728	5250000	5999999

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9	509699	1	11.0	67	1682	0	0	6156394	6000000	6749999
10	946822	3	20.0	53	1161	1964	1018	7104898	6750000	7499999
11	651393	1	5.0	51	1430	0	0	7760434	7500000	8249999
12	493165	3	16.0	80	1199	1035	1550	8255029	8250000	8999999
13	1461364	3	6.0	67	1653	1197	1497	9720177	9000000	9749999
14	109339	3	12.0	71	1727	1618	1056	9833863	9750000	10499999
15	1031987	1	15.0	61	1251	0	0	10870251	10500000	11249999
16	1119432	1	14.0	95	1743	0	0	11990934	11250000	11999999

Total number of pulses in waveform = 31

♀
Waveform Num = 14
Num of Bursts = 8
Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1168621	1	5.0	59	1053	0	0	1168621	0	1499999
2	651276	2	6.0	83	1647	1493	0	1820950	1500000	2999999
3	1726548	3	11.0	66	1102	1815	1918	3550638	3000000	4499999
4	1723906	3	12.0	90	1078	1223	1680	5279379	4500000	5999999
5	1947726	2	6.0	86	1822	1167	0	7231086	6000000	7499999
6	1520109	3	9.0	50	1551	1594	1126	8754184	7500000	8999999
7	1489921	2	8.0	68	1184	1954	0	10248376	9000000	10499999
8	1506027	3	6.0	63	1145	1198	1353	11757541	10500000	11999999

Total number of pulses in waveform = 19

♀
Waveform Num = 15
Num of Bursts = 18
Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	443941	3	5.0	57	1173	1765	1162	443941	0	666666
2	448283	3	8.0	91	1835	1383	1217	896324	666667	1333333
3	900174	1	17.0	73	1347	0	0	1800933	1333334	2000000
4	513616	1	5.0	65	1669	0	0	2315896	2000001	2666667
5	383565	2	17.0	69	1084	1483	0	2701130	2666668	3333334
6	683562	2	9.0	91	1818	1607	0	3387259	3333335	4000001
7	958190	1	17.0	98	1910	0	0	4348874	4000002	4666668
8	978422	1	14.0	77	1665	0	0	5329206	4666669	5333335
9	125542	3	5.0	96	1209	1934	1042	5456413	5333336	6000002
10	685255	3	18.0	65	1805	1156	1129	6145853	6000003	6666669
11	688758	1	12.0	75	1933	0	0	6838701	6666670	7333336
12	657581	2	13.0	92	1394	1454	0	7498215	7333337	8000003
13	652913	2	8.0	78	1715	1122	0	8153976	8000004	8666670
14	791455	1	15.0	69	1794	0	0	8948268	8666671	9333337
15	933157	3	7.0	78	1968	1278	1079	9883219	9333338	10000004
16	207307	2	5.0	85	1634	1585	0	10094851	10000005	10666671
17	603887	3	16.0	66	1744	1840	1641	10701957	10666672	11333338
18	1171993	2	18.0	75	1672	1896	0	11879175	11333339	12000005

Total number of pulses in waveform = 36

♀
Waveform Num = 16
Num of Bursts = 9

New3RandParmBin5 for all bins

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	56842	3	19.0	52	1487	1856	1894	56842	0	1333332
2	1828266	2	15.0	87	1989	1611	0	1890345	1333333	2666665
3	956167	3	11.0	79	1058	1653	1166	2850112	2666666	3999998
4	2271209	2	8.0	59	1091	1500	0	5125198	3999999	5333331
5	1032865	1	9.0	75	1561	0	0	6160654	5333332	6666664
6	1765167	2	14.0	54	1535	1703	0	7927382	6666665	7999997
7	749565	2	19.0	95	1566	1486	0	8680185	7999998	9333330
8	1309109	2	20.0	96	1932	1794	0	9992346	9333331	10666663
9	1678626	3	10.0	69	1623	1247	1915	11674698	10666664	11999996

Total number of pulses in waveform = 20

♀

Waveform Num = 17

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	814623	1	7.0	52	1439	0	0	814623	0	1199999
2	799172	2	17.0	85	1504	1622	0	1615234	1200000	2399999
3	1058069	2	7.0	84	1064	1356	0	2676429	2400000	3599999
4	1100805	1	20.0	92	1167	0	0	3779654	3600000	4799999
5	2054987	3	17.0	93	1962	1941	1209	5835808	4800000	5999999
6	452522	1	9.0	53	1148	0	0	6293442	6000000	7199999
7	1172601	3	5.0	52	1440	1187	1614	7467191	7200000	8399999
8	1784983	3	5.0	82	1066	1901	1013	9256415	8400000	9599999
9	356279	2	19.0	78	1197	1416	0	9616674	9600000	10799999
10	1910352	2	13.0	51	1320	1722	0	11529639	10800000	11999999

Total number of pulses in waveform = 20

♀

Waveform Num = 18

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	427998	2	18.0	58	1079	1909	0	427998	0	599999
2	548843	2	6.0	75	1005	1953	0	979829	600000	1199999
3	521433	2	20.0	66	1494	1337	0	1504220	1200000	1799999
4	661163	2	6.0	69	1044	1900	0	2168214	1800000	2399999
5	356427	3	19.0	94	1831	1735	1310	2527585	2400000	2999999
6	683518	1	16.0	73	1397	0	0	3215979	3000000	3599999
7	810071	3	11.0	88	1614	1094	1143	4027447	3600000	4199999
8	610706	3	19.0	53	1448	1657	1769	4642004	4200000	4799999
9	203905	1	8.0	61	1324	0	0	4850783	4800000	5399999
10	767680	1	10.0	84	1104	0	0	5619787	5400000	5999999
11	884797	1	11.0	98	1310	0	0	6505688	6000000	6599999
12	671070	3	6.0	52	1178	1055	1148	7178068	6600000	7199999
13	342697	2	5.0	75	1975	1549	0	7524146	7200000	7799999
14	376256	2	13.0	90	1872	1684	0	7903926	7800000	8399999
15	838257	2	19.0	77	1487	1660	0	8745739	8400000	8999999

New3RandParmBin5 for all bins										
16	282351	2	7.0	90	1651	1668	0	9031237	9000000	9599999
17	568175	2	19.0	56	1048	1394	0	9602731	9600000	10199999
18	795421	2	8.0	59	1713	1027	0	10400594	10200000	10799999
19	698625	1	16.0	79	1801	0	0	11101959	10800000	11399999
20	724762	2	9.0	94	1212	1652	0	11828522	11400000	11999999

Total number of pulses in waveform = 39

Waveform Num = 19
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	346620	3	16.0	96	1234	1973	1265	346620	0	749999
2	752472	1	7.0	94	1794	0	0	1103564	750000	1499999
3	1029542	3	20.0	76	1689	1910	1302	2134900	1500000	2249999
4	268116	2	20.0	82	1037	1153	0	2407917	2250000	2999999
5	975540	3	14.0	52	1026	1430	1841	3385647	3000000	3749999
6	890513	3	7.0	98	1050	1357	1368	4280457	3750000	4499999
7	370783	2	8.0	80	1639	1552	0	4655015	4500000	5249999
8	708493	3	12.0	66	1900	1178	1334	5366699	5250000	5999999
9	1129678	1	15.0	87	1864	0	0	6500789	6000000	6749999
10	592588	2	10.0	94	1669	1284	0	7095241	6750000	7499999
11	1041171	2	19.0	73	1595	1909	0	8139365	7500000	8249999
12	116418	1	9.0	76	1098	0	0	8259287	8250000	8999999
13	934887	1	15.0	92	1016	0	0	9195272	9000000	9749999
14	648487	2	19.0	59	1416	1551	0	9844775	9750000	10499999
15	1303785	2	11.0	72	1299	1931	0	11151527	10500000	11249999
16	265905	3	9.0	80	1881	1848	1073	11420662	11250000	11999999

Total number of pulses in waveform = 34

Waveform Num = 20
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	509721	1	11.0	84	1663	0	0	509721	0	799999
2	838963	1	12.0	57	1098	0	0	1350347	800000	1599999
3	873456	3	5.0	54	1660	1312	1312	2224901	1600000	2399999
4	212109	3	15.0	67	1798	1433	1021	2441294	2400000	3199999
5	937349	1	17.0	63	1102	0	0	3382895	3200000	3999999
6	633557	1	16.0	97	1199	0	0	4017554	4000000	4799999
7	981534	3	17.0	56	1884	1406	1746	5000287	4800000	5599999
8	985717	2	19.0	52	1412	1461	0	5991040	5600000	6399999
9	1022885	2	18.0	82	1394	1546	0	7016798	6400000	7199999
10	528424	1	19.0	81	1318	0	0	7548162	7200000	7999999
11	1157174	3	6.0	76	1636	1868	1735	8706654	8000000	8799999
12	501987	3	17.0	81	1569	1504	1933	9213880	8800000	9599999
13	760072	2	13.0	69	1072	1118	0	9978958	9600000	10399999
14	442772	3	15.0	58	1225	1702	1439	10423920	10400000	11199999
15	1480069	3	8.0	64	1063	1718	1550	11908355	11200000	11999999

Total number of pulses in waveform = 32

New3RandParmBin5 for all bins

♀
Waveform Num = 21
Num of Bursts = 14
Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	809898	3	9.0	98	1362	1673	1916	809898	0	857142
2	792575	2	16.0	76	1815	1785	0	1607424	857143	1714285
3	559275	3	17.0	62	1108	1264	1853	2170299	1714286	2571428
4	1064638	2	9.0	83	1076	1178	0	3239162	2571429	3428571
5	668985	1	13.0	96	1601	0	0	3910401	3428572	4285714
6	566629	3	14.0	65	1084	1617	1414	4478631	4285715	5142857
7	1259539	2	17.0	50	1630	1352	0	5742285	5142858	6000000
8	448454	1	16.0	67	1151	0	0	6193721	6000001	6857143
9	1325771	3	7.0	83	1110	1883	1501	7520643	6857144	7714286
10	674028	3	14.0	75	1425	1581	1452	8199165	7714287	8571429
11	1102133	1	19.0	70	1149	0	0	9305756	8571430	9428572
12	185860	2	11.0	81	1017	1239	0	9492765	9428573	10285715
13	1237608	1	18.0	70	1164	0	0	10732629	10285716	11142858
14	784240	2	8.0	90	1987	1143	0	11518033	11142859	12000001

Total number of pulses in waveform = 29

♀
Waveform Num = 22
Num of Bursts = 17
Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	365356	1	7.0	92	1974	0	0	365356	0	705881
2	873624	3	18.0	67	1791	1171	1604	1240954	705882	1411763
3	769797	1	15.0	88	1046	0	0	2015317	1411764	2117645
4	465766	3	17.0	80	1119	1056	1273	2482129	2117646	2823527
5	402353	3	14.0	62	1025	1516	1810	2887930	2823528	3529409
6	1033513	1	6.0	60	1846	0	0	3925794	3529410	4235291
7	971869	2	17.0	75	1027	1627	0	4899509	4235292	4941173
8	334866	1	10.0	87	1786	0	0	5237029	4941174	5647055
9	1097048	2	19.0	64	1997	1154	0	6335863	5647056	6352937
10	110423	2	19.0	91	1516	1835	0	6449437	6352938	7058819
11	659396	3	9.0	65	1232	1533	1234	7112184	7058820	7764701
12	661826	2	12.0	86	1993	1830	0	7778009	7764702	8470583
13	1222076	3	6.0	91	1009	1560	1098	9003908	8470584	9176465
14	806725	3	6.0	80	1612	1221	1120	9814300	9176466	9882347
15	224105	1	19.0	72	1919	0	0	10042358	9882348	10588229
16	958000	2	5.0	84	1257	1301	0	11002277	10588230	11294111
17	387380	2	5.0	50	1472	1465	0	11392215	11294112	11999993

Total number of pulses in waveform = 35

♀
Waveform Num = 23
Num of Bursts = 16
Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	469866	2	17.0	93	1368	1772	0	469866	0	749999

New3RandParmBin5 for all bins										
2	319502	3	13.0	71	1169	1612	1117	792508	750000	1499999
3	966313	3	12.0	67	1292	1357	1366	1762719	1500000	2249999
4	1205874	3	7.0	87	1663	1796	1371	2972608	2250000	2999999
5	356293	2	14.0	91	1028	1279	0	3333731	3000000	3749999
6	1021297	2	15.0	97	1836	1877	0	4357335	3750000	4499999
7	552545	1	20.0	61	1661	0	0	4913593	4500000	5249999
8	709572	3	13.0	69	1988	1463	1287	5624826	5250000	5999999
9	626373	2	14.0	62	1313	1297	0	6255937	6000000	6749999
10	577056	3	15.0	60	1036	1536	1253	6835603	6750000	7499999
11	1080557	3	11.0	97	1256	1242	1199	7919985	7500000	8249999
12	861552	1	6.0	65	1940	0	0	8785234	8250000	8999999
13	844682	2	12.0	74	1699	1824	0	9631856	9000000	9749999
14	825930	2	14.0	53	1329	1787	0	10461309	9750000	10499999
15	74706	2	5.0	57	1270	1709	0	10539131	10500000	11249999
16	919338	1	16.0	90	1575	0	0	11461448	11250000	11999999

Total number of pulses in waveform = 35

Waveform Num = 24
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	14246	1	8.0	80	1507	0	0	14246	0	705881
2	1054587	2	6.0	95	1507	1888	0	1070340	705882	1411763
3	654720	1	19.0	71	1804	0	0	1728455	1411764	2117645
4	790409	2	18.0	82	1247	1765	0	2520668	2117646	2823527
5	595509	2	14.0	56	1085	1337	0	3119189	2823528	3529409
6	498193	3	18.0	84	1165	1238	1714	3619804	3529410	4235291
7	649856	3	6.0	87	1863	1817	1485	4273777	4235292	4941173
8	1190930	2	8.0	90	1910	1038	0	5469872	4941174	5647055
9	294363	1	20.0	69	1995	0	0	5767183	5647056	6352937
10	1107116	2	8.0	65	1879	1121	0	6876294	6352938	7058819
11	879292	3	9.0	72	1771	1454	1723	7758586	7058820	7764701
12	297712	3	6.0	91	1561	1512	1827	8061246	7764702	8470583
13	1079918	2	13.0	73	1099	1271	0	9146064	8470584	9176465
14	216527	3	13.0	66	1463	1325	1358	9364961	9176466	9882347
15	676112	2	18.0	97	1709	1430	0	10045219	9882348	10588229
16	1160820	1	20.0	68	1932	0	0	11209178	10588230	11294111
17	124059	3	10.0	98	1430	1820	1106	11335169	11294112	11999993

Total number of pulses in waveform = 36

Waveform Num = 25
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	325540	1	11.0	95	1186	0	0	325540	0	666666
2	385997	1	10.0	76	1367	0	0	712723	666667	1333333
3	749544	2	15.0	83	1289	1511	0	1463634	1333334	2000000
4	610363	1	9.0	87	1264	0	0	2076797	2000001	2666667

New3RandParmBin5 for all bins										
5	1046507	2	13.0	55	1444	1142	0	3124568	2666668	3333334
6	798072	1	19.0	92	1593	0	0	3925226	3333335	4000001
7	581890	2	6.0	50	1544	1477	0	4508709	4000002	4666668
8	475796	3	13.0	75	1480	1343	1863	4987526	4666669	5333335
9	934491	2	16.0	66	1883	1743	0	5926703	5333336	6000002
10	127318	1	8.0	65	1147	0	0	6057647	6000003	6666669
11	822872	3	17.0	79	1423	1768	1795	6881666	6666670	7333336
12	641664	3	12.0	68	1974	1866	1368	7528316	7333337	8000003
13	855881	1	5.0	67	1213	0	0	8389405	8000004	8666670
14	741136	2	11.0	84	1975	1435	0	9131754	8666671	9333337
15	429905	2	15.0	62	1988	1476	0	9565069	9333338	10000004
16	489634	1	16.0	75	1612	0	0	10058167	10000005	10666671
17	700231	1	17.0	62	1745	0	0	10760010	10666672	11333338
18	1042666	1	12.0	86	1391	0	0	11804421	11333339	12000005

Total number of pulses in waveform = 30

Waveform Num = 26
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	194264	3	15.0	60	1802	1885	1750	194264	0	705881
2	917521	3	7.0	51	1199	1999	1205	1117222	705882	1411763
3	312502	2	16.0	65	1492	1179	0	1434127	1411764	2117645
4	909424	3	16.0	97	1121	1711	1028	2346222	2117646	2823527
5	520812	1	16.0	58	1343	0	0	2870894	2823528	3529409
6	1236065	1	12.0	84	1839	0	0	4108302	3529410	4235291
7	760479	3	20.0	82	1022	1782	1633	4870620	4235292	4941173
8	244616	3	5.0	83	1004	1067	1903	5119673	4941174	5647055
9	609006	1	5.0	75	1671	0	0	5732653	5647056	6352937
10	1209775	3	13.0	80	1950	1856	1052	6944099	6352938	7058819
11	779380	2	8.0	86	1918	1114	0	7728337	7058820	7764701
12	441390	2	5.0	62	1886	1228	0	8172759	7764702	8470583
13	378530	1	7.0	73	1918	0	0	8554403	8470584	9176465
14	1297111	3	7.0	93	1317	1197	1406	9853432	9176466	9882347
15	596910	2	7.0	78	1320	1873	0	10454262	9882348	10588229
16	471290	2	16.0	100	1427	1357	0	10928745	10588230	11294111
17	757921	3	5.0	59	1056	1995	1418	11689450	11294112	11999993

Total number of pulses in waveform = 38

Waveform Num = 27
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	631650	1	8.0	72	1705	0	0	631650	0	749999
2	524449	3	13.0	84	1396	1859	1345	1157804	750000	1499999
3	448548	2	13.0	87	1307	1396	0	1610952	1500000	2249999
4	736846	1	19.0	63	1374	0	0	2350501	2250000	2999999
5	880408	1	18.0	56	1539	0	0	3232283	3000000	3749999

New3RandParmBin5 for all bins										
6	1086614	1	19.0	58	1190	0	0	4320436	3750000	4499999
7	236390	3	17.0	98	1093	1902	1907	4558016	4500000	5249999
8	1340108	2	6.0	84	1700	1823	0	5903026	5250000	5999999
9	215456	3	11.0	95	1716	1934	1186	6122005	6000000	6749999
10	1165808	2	11.0	79	1083	1276	0	7292649	6750000	7499999
11	511938	2	13.0	93	1831	1155	0	7806946	7500000	8249999
12	1029842	2	9.0	56	1579	1512	0	8839774	8250000	8999999
13	588546	3	8.0	52	1394	1505	1557	9431411	9000000	9749999
14	564194	1	15.0	91	1085	0	0	10000061	9750000	10499999
15	661344	3	13.0	73	1536	1519	1865	10662490	10500000	11249999
16	1202822	2	16.0	60	1713	1065	0	11870232	11250000	11999999
Total number of pulses in waveform = 32										
Waveform Num = 28										
Num of Bursts = 12										
Burst Interval (us) = 1000000.0										

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	402237	2	7.0	63	1938	1603	0	402237	0	999999
2	1223993	1	11.0	94	1075	0	0	1629771	1000000	1999999
3	704651	1	7.0	88	1647	0	0	2335497	2000000	2999999
4	1546952	3	20.0	64	1189	1873	1281	3884096	3000000	3999999
5	412111	3	5.0	79	1137	1626	1803	4300550	4000000	4999999
6	1523603	2	11.0	55	1317	1683	0	5828719	5000000	5999999
7	1153574	3	18.0	80	1515	1139	1650	6985293	6000000	6999999
8	74958	3	11.0	79	1267	1412	1606	7064555	7000000	7999999
9	1873790	2	16.0	59	1538	1518	0	8942630	8000000	8999999
10	822268	3	5.0	52	1186	1389	1610	9767954	9000000	9999999
11	1107637	3	12.0	78	1962	1880	1249	10879776	10000000	10999999
12	291330	1	19.0	68	1148	0	0	11176197	11000000	11999999
Total number of pulses in waveform = 27										
Waveform Num = 29										
Num of Bursts = 8										
Burst Interval (us) = 1500000.0										

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	977312	1	5.0	56	1739	0	0	977312	0	1499999
2	2001608	3	17.0	100	1329	1076	1018	2980659	1500000	2999999
3	1216110	2	10.0	84	1126	1142	0	4200192	3000000	4499999
4	705736	3	13.0	100	1796	1095	1400	4908196	4500000	5999999
5	2524609	1	11.0	53	1106	0	0	7437096	6000000	7499999
6	281261	1	6.0	51	1908	0	0	7719463	7500000	8999999
7	1470403	3	12.0	61	1984	1318	1585	9191774	9000000	10499999
8	1960333	1	15.0	61	1043	0	0	11156994	10500000	11999999
Total number of pulses in waveform = 15										
Waveform Num = 30										
Num of Bursts = 9										
Burst Interval (us) = 1333333.0										

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1129117	2	6.0	60	1595	1489	0	1129117	0	1333332

New3RandParmBin5 for all bins

2	623129	1	15.0	67	1978	0	0	1755330	1333333	2666665
3	1749957	1	18.0	90	1194	0	0	3507265	2666666	3999998
4	1145566	1	6.0	98	1488	0	0	4654025	3999999	5333331
5	1373672	3	12.0	75	1989	1964	1143	6029185	5333332	6666664
6	1339936	1	19.0	94	1944	0	0	7374217	6666665	7999997
7	754109	2	10.0	74	1066	1307	0	8130270	7999998	9333330
8	1926044	3	5.0	99	1121	1839	1903	10058687	9333331	10666663
9	834219	1	6.0	94	1009	0	0	10897769	10666664	11999996

Total number of pulses in waveform = 15

20MHz Bandwidths

Random DFS waveform parameters (NewBin5) 11-Jun-2015 15:29:33

Waveform Num = 1
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	974078	3	19.0	50	1460	1467	1055	974078	0	1333332
2	1215638	1	19.0	65	1002	0	0	2193698	1333333	2666665
3	704925	1	15.0	58	1095	0	0	2899625	2666666	3999998
4	2049638	2	20.0	90	1781	1333	0	4950358	3999999	5333331
5	1413006	3	10.0	77	1064	1217	1165	6366478	5333332	6666664
6	1563228	2	17.0	90	1774	1661	0	7933152	6666665	7999997
7	277374	3	14.0	64	1055	1987	1782	8213961	7999998	9333330
8	2097863	2	20.0	58	1678	1176	0	10316648	9333331	10666663
9	951418	1	20.0	76	1752	0	0	11270920	10666664	11999996

Total number of pulses in waveform = 18

Waveform Num = 2
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	753000	1	10.0	98	1085	0	0	753000	0	1333332
2	590262	3	16.0	79	1983	1569	1766	1344347	1333333	2666665
3	1333072	3	14.0	97	1880	1658	1566	2682737	2666666	3999998
4	1646656	3	12.0	89	1400	1261	1965	4334497	3999999	5333331
5	2096086	3	12.0	74	1906	1537	1556	6435209	5333332	6666664
6	858596	1	19.0	76	1615	0	0	7298804	6666665	7999997
7	1342009	2	19.0	76	1117	1254	0	8642428	7999998	9333330
8	1095743	1	6.0	98	1495	0	0	9740542	9333331	10666663
9	1700860	1	7.0	50	1320	0	0	11442897	10666664	11999996

Total number of pulses in waveform = 18

Waveform Num = 3
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	111249	2	9.0	61	1661	1787	0	111249	0	666666
2	692573	3	13.0	51	1011	1036	1654	807270	666667	1333333
3	1106247	2	17.0	82	1503	1097	0	1917218	1333334	2000000
	640138									

New3RandParmBin5 for all bins										
4		2	19.0	93	1571	1510	0	2559956	2000001	2666667
5	641839	3	5.0	86	1456	1748	1806	3204876	2666668	3333334
6	610123	2	10.0	58	1892	1654	0	3820009	3333335	4000001
7	178125	1	12.0	100	1109	0	0	4001680	4000002	4666668
8	760514	1	11.0	78	1931	0	0	4763303	4666669	5333335
9	788488	3	16.0	55	1618	1151	1050	5553722	5333336	6000002
10	935831	3	20.0	57	1234	1731	1317	6493372	6000003	6666669
11	645545	1	15.0	71	1966	0	0	7143199	6666670	7333336
12	647231	3	10.0	62	1067	1190	1624	7792396	7333337	8000003
13	405710	3	19.0	97	1990	1182	1574	8201987	8000004	8666670
14	655725	3	12.0	83	1495	1616	1450	8862458	8666671	9333337
15	734311	3	15.0	66	1234	1470	1189	9601330	9333338	10000004
16	438108	2	8.0	95	1216	1863	0	10043331	10000005	10666671
17	1142236	3	17.0	86	1398	1692	1880	11188646	10666672	11333338
18	437797	1	11.0	66	1365	0	0	11631413	11333339	12000005

Total number of pulses in waveform = 41

♀

Waveform Num = 4
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	586417	1	20.0	88	1794	0	0	586417	0	749999
2	467274	3	5.0	79	1141	1281	1737	1055485	750000	1499999
3	517233	1	14.0	91	1038	0	0	1576877	1500000	2249999
4	708420	1	5.0	87	1398	0	0	2286335	2250000	2999999
5	1392669	2	20.0	91	1236	1433	0	3680402	3000000	3749999
6	705802	2	11.0	73	1453	1677	0	4388873	3750000	4499999
7	617448	2	20.0	79	1293	1031	0	5009451	4500000	5249999
8	844431	3	10.0	70	1151	1981	1507	5856206	5250000	5999999
9	878179	1	15.0	50	1234	0	0	6739024	6000000	6749999
10	226749	2	5.0	69	1521	1374	0	6967007	6750000	7499999
11	555580	2	18.0	87	1366	1376	0	7525482	7500000	8249999
12	763618	1	5.0	92	1676	0	0	8291842	8250000	8999999
13	1149052	1	7.0	96	1960	0	0	9442570	9000000	9749999
14	414504	1	12.0	64	1623	0	0	9859034	9750000	10499999
15	793320	2	5.0	82	1736	1285	0	10653977	10500000	11249999
16	650709	2	14.0	87	1677	1360	0	11307707	11250000	11999999

Total number of pulses in waveform = 27

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Waveform Num = 5
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	58073	1	14.0	81	1357	0	0	58073	0	799999
2	1058857	1	17.0	61	1400	0	0	1118287	800000	1599999
3	797061	2	8.0	62	1647	1613	0	1916748	1600000	2399999
4	993236	2	16.0	70	1047	1724	0	2913244	2400000	3199999
5	909426	3	8.0	85	1263	1383	1375	3825441	3200000	3999999
	801529									

New3RandParmBin5 for all bins										
6		2	7.0	100	1637	1860	0	4630991	4000000	4799999
7	356709	2	9.0	95	1191	1084	0	4991197	4800000	5599999
8	973582	2	17.0	67	1209	1309	0	5967054	5600000	6399999
9	686104	1	19.0	55	1799	0	0	6655676	6400000	7199999
10	1030332	3	12.0	76	1547	1557	1230	7687807	7200000	7999999
11	1102611	2	20.0	89	1564	1862	0	8794752	8000000	8799999
12	278469	1	15.0	94	1975	0	0	9076647	8800000	9599999
13	1095366	1	5.0	75	1055	0	0	10173988	9600000	10399999
14	593937	2	15.0	68	1150	1640	0	10768980	10400000	11199999
15	1183359	3	10.0	70	1216	1584	1575	11955129	11200000	11999999

Total number of pulses in waveform = 28

Waveform Num = 6
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1044715	2	7.0	55	1080	1059	0	1044715	0	1199999
2	364457	2	17.0	85	1692	1192	0	1411311	1200000	2399999
3	1634561	2	13.0	70	1645	1657	0	3048756	2400000	3599999
4	613335	1	7.0	59	1082	0	0	3665393	3600000	4799999
5	2157052	3	16.0	75	1113	1354	1949	5823527	4800000	5999999
6	399727	1	8.0	87	1284	0	0	6227670	6000000	7199999
7	1904770	1	11.0	61	1792	0	0	8133724	7200000	8399999
8	870076	3	10.0	72	1472	1723	1025	9005592	8400000	9599999
9	1364593	2	7.0	53	1243	1965	0	10374405	9600000	10799999
10	1104308	1	5.0	82	1436	0	0	11481921	10800000	11999999

Total number of pulses in waveform = 18

Waveform Num = 7
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	299035	2	20.0	98	1032	1794	0	299035	0	631578
2	609338	2	8.0	97	1002	1272	0	911199	631579	1263157
3	588270	1	17.0	91	1102	0	0	1501743	1263158	1894736
4	924123	1	6.0	61	1177	0	0	2426968	1894737	2526315
5	707008	2	20.0	59	1943	1218	0	3135153	2526316	3157894
6	77937	3	13.0	53	1738	1932	1281	3216251	3157895	3789473
7	823083	1	7.0	77	1714	0	0	4044285	3789474	4421052
8	772990	3	15.0	80	1121	1325	1364	4818989	4421053	5052631
9	391875	3	9.0	70	1678	1142	1903	5214674	5052632	5684210
10	696470	1	9.0	91	1414	0	0	5915867	5684211	6315789
11	866526	1	18.0	71	1609	0	0	6783807	6315790	6947368
12	379662	2	17.0	83	1977	1192	0	7165078	6947369	7578947
13	742498	1	20.0	73	1412	0	0	7910745	7578948	8210526
14	449043	3	14.0	79	1580	1961	1692	8361200	8210527	8842105
15	1066562	3	5.0	56	1111	1505	1544	9432995	8842106	9473684
16	586682	3	17.0	72	1183	1260	1415	10023837	9473685	10105263
	82703									

						New3RandParmBin5 for all bins				
17		3	16.0	89	1422	1141	1657	10110398	10105264	10736842
	998886									
18		2	12.0	96	1539	1537	0	11113504	10736843	11368421
	388104									
19		1	14.0	61	1025	0	0	11504684	11368422	12000000

Total number of pulses in waveform = 38

Waveform Num = 8
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1323287	3	14.0	61	1263	1727	1069	1323287	0	1333332
	936829									
2	648829	1	9.0	55	1341	0	0	2264175	1333333	2666665
3	2226207	3	13.0	61	1620	1390	1390	2914345	2666666	3999998
4	450234	1	15.0	95	1351	0	0	5144952	3999999	5333331
5	2055996	2	16.0	88	1970	1899	0	5596537	5333332	6666664
6	1326017	3	8.0	98	1182	1353	1255	7656402	6666665	7999997
7	1530518	2	18.0	61	1006	1869	0	8986209	7999998	9333330
8	1090537	3	17.0	79	1260	1351	1534	10519602	9333331	10666663
9		1	11.0	74	1067	0	0	11614284	10666664	11999996

Total number of pulses in waveform = 19

Waveform Num = 9
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1198286	1	8.0	66	1893	0	0	1198286	0	1333332
	934983									
2	540758	2	18.0	81	1120	1142	0	2135162	1333333	2666665
3	1517880	1	11.0	74	1326	0	0	2678182	2666666	3999998
4	1880541	3	15.0	74	1161	1301	1802	4197388	3999999	5333331
5	1486358	3	9.0	66	1367	1877	1463	6082193	5333332	6666664
6	447908	2	18.0	93	1099	1463	0	7573258	6666665	7999997
7	2086895	1	18.0	71	1104	0	0	8023728	7999998	9333330
8	1734263	1	13.0	61	1639	0	0	10111727	9333331	10666663
9		1	10.0	75	1298	0	0	11847629	10666664	11999996

Total number of pulses in waveform = 15

Waveform Num = 10
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	388184	2	19.0	61	1861	1353	0	388184	0	705881
	874172									
2	371229	3	9.0	57	1018	1555	1664	1265570	705882	1411763
3	507051	3	6.0	91	1078	1247	1480	1641036	1411764	2117645
4	714972	2	19.0	95	1201	1958	0	2151892	2117646	2823527
5	682709	2	8.0	61	1661	1532	0	2870023	2823528	3529409
6	953292	2	7.0	60	1108	1722	0	3555925	3529410	4235291
7	981576	3	7.0	85	1822	1967	1524	4512047	4235292	4941173
8	591797	3	18.0	84	1585	1494	1574	5498936	4941174	5647055
9	268196	3	12.0	91	1781	1294	1212	6095386	5647056	6352937
10	888067	1	18.0	57	1599	0	0	6367869	6352938	7058819
11	728148	2	14.0	88	1207	1971	0	7257535	7058820	7764701

12		2	14.0	80	1437	New3RandParmBin5 for all bins 1862 0	7988861	7764702	8470583
13	507274	1	5.0	92	1830	0	0	8499434	8470584
14	1217960	2	16.0	72	1470	1901	0	9719224	9176466
15	279512	3	5.0	71	1844	1059	1491	10002107	9882348
16	637297	2	14.0	54	1636	1600	0	10643798	10588230
17	874661	3	20.0	90	1565	1373	1173	11521695	11294112

Total number of pulses in waveform = 39

Waveform Num = 11
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	509894	1	5.0	74	1676	0	0	509894	0	599999
2	585850	3	16.0	90	1678	1169	1163	1097420	600000	1199999
3	577948	1	7.0	73	1681	0	0	1679378	1200000	1799999
4	440511	1	13.0	61	1240	0	0	2121570	1800000	2399999
5	411381	2	7.0	55	1858	1370	0	2534191	2400000	2999999
6	740914	3	19.0	62	1346	1307	1786	3278333	3000000	3599999
7	829016	2	15.0	90	1725	1843	0	4111788	3600000	4199999
8	569418	1	19.0	65	1368	0	0	4684774	4200000	4799999
9	541317	1	6.0	75	1269	0	0	5227459	4800000	5399999
10	656912	3	16.0	95	1445	1479	1954	5885640	5400000	5999999
11	235441	3	15.0	93	1747	1497	1825	6125959	6000000	6599999
12	710261	3	16.0	70	1353	1743	1947	6841289	6600000	7199999
13	944267	3	18.0	67	1853	1931	1064	7790599	7200000	7799999
14	173625	2	14.0	76	1342	1719	0	7969072	7800000	8399999
15	603335	3	19.0	84	1064	1689	1921	8575468	8400000	8999999
16	547894	3	17.0	77	1189	1393	1716	9128036	9000000	9599999
17	590333	3	10.0	64	1317	1265	1985	9722667	9600000	10199999
18	754878	2	16.0	91	1466	1675	0	10482112	10200000	10799999
19	340736	3	13.0	97	1343	1085	1355	10825989	10800000	11399999
20	900824	3	19.0	93	1276	1226	1844	11730596	11400000	11999999

Total number of pulses in waveform = 46

Waveform Num = 12
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	156347	3	15.0	51	1907	1636	1996	156347	0	705881
2	979666	3	9.0	66	1041	1181	1015	1141552	705882	1411763
3	797385	2	12.0	98	1489	1123	0	1942174	1411764	2117645
4	358705	2	20.0	93	1103	1078	0	2303491	2117646	2823527
5	560125	2	10.0	59	1422	1253	0	2865797	2823528	3529409
6	913926	2	19.0	55	1714	1989	0	3782398	3529410	4235291
7	626534	3	9.0	71	1971	1147	1150	4412635	4235292	4941173
8	871634	3	6.0	64	1603	1729	1486	5288537	4941174	5647055
9	648809	2	6.0	80	1684	1031	0	5942164	5647056	6352937
10	843088	1	20.0	76	1267	0	0	6787967	6352938	7058819
	315377									

11		3	19.0	99	1279	New3RandParmBin5 for all bins 1967 1140 7104611	7058820	7764701
12	675917	2	8.0	52	1351	1378 0	7784914	7764702
13	731421	1	6.0	60	1991	0 0	8519064	8470584
14	1034561	2	20.0	54	1954	1489 0	9555616	9176466
15	409841	1	17.0	64	1544	0 0	9968900	9882348
16	944354	2	14.0	61	1682	1897 0	10914798	10588230
17	628769	3	7.0	75	1717	1775 1843	11547146	11294112

Total number of pulses in waveform = 37

Waveform Num = 13
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	199862	2	16.0	64	1486	1711	0	199862	0	799999
2	718464	1	17.0	65	1403	0	0	921523	800000	1599999
3	1419489	2	9.0	57	1849	1143	0	2342415	1600000	2399999
4	406875	3	19.0	58	1207	1923	1440	2752282	2400000	3199999
5	809204	2	16.0	50	1843	1053	0	3566056	3200000	3999999
6	822577	1	10.0	76	1565	0	0	4391529	4000000	4799999
7	684214	1	8.0	84	1005	0	0	5077308	4800000	5599999
8	1083258	2	13.0	55	1840	1044	0	6161571	5600000	6399999
9	788584	1	15.0	74	1478	0	0	6953039	6400000	7199999
10	921032	3	8.0	83	1353	1928	1527	7875549	7200000	7999999
11	715953	3	7.0	77	1030	1356	1663	8596310	8000000	8799999
12	266259	3	5.0	79	1560	1856	1044	8866618	8800000	9599999
13	790275	3	15.0	99	1311	1404	1427	9661353	9600000	10399999
14	886286	3	5.0	64	1444	1372	1855	10551781	10400000	11199999
15	983000	1	13.0	59	1779	0	0	11539452	11200000	11999999

Total number of pulses in waveform = 31

Waveform Num = 14
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	500330	1	8.0	84	1837	0	0	500330	0	1499999
2	1670174	1	9.0	66	1387	0	0	2172341	1500000	2999999
3	842288	3	17.0	91	1242	1079	1843	3016016	3000000	4499999
4	2493367	2	19.0	64	1149	1734	0	5513547	4500000	5999999
5	1360756	3	8.0	98	1015	1473	1767	6877186	6000000	7499999
6	931501	2	7.0	50	1818	1637	0	7812942	7500000	8999999
7	2058304	3	5.0	56	1451	1835	1696	9874701	9000000	10499999
8	713159	1	11.0	91	1119	0	0	10592842	10500000	11999999

Total number of pulses in waveform = 16

Waveform Num = 15
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	609550	1	13.0	62	1870	0	0	609550	0	631578
2	590903	1	12.0	67	1293	0	0	1202323	631579	1263157
	344088									

						New3RandParmBin5 for all bins				
3		1	12.0	84	1454	0	0	1547704	1263158	1894736
4	826786	2	14.0	51	1622	1428	0	2375944	1894737	2526315
5	702695	3	13.0	87	1899	1329	1768	3081689	2526316	3157894
6	379010	1	20.0	89	1582	0	0	3465695	3157895	3789473
7	480416	1	11.0	55	1668	0	0	3947693	3789474	4421052
8	597614	1	5.0	80	1304	0	0	4546975	4421053	5052631
9	876926	2	10.0	98	1878	1456	0	5425205	5052632	5684210
10	690907	2	17.0	85	1200	1698	0	6119446	5684211	6315789
11	474913	3	12.0	83	1322	1058	1299	6597257	6315790	6947368
12	492025	2	20.0	96	1847	1639	0	7092961	6947369	7578947
13	867311	1	12.0	78	1913	0	0	7963758	7578948	8210526
14	726304	1	10.0	54	1148	0	0	8691975	8210527	8842105
15	581518	1	6.0	60	1921	0	0	9274641	8842106	9473684
16	794421	2	8.0	83	1169	1643	0	10070983	9473685	10105263
17	480307	2	8.0	59	1954	1186	0	10554102	10105264	10736842
18	624512	1	18.0	74	1267	0	0	11181754	10736843	11368421
19	498203	3	5.0	53	1104	1567	1061	11681224	11368422	12000000

Total number of pulses in waveform = 31

♀

Waveform Num = 16
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	670344	1	14.0	59	1818	0	0	670344	0	799999
2	271513	2	12.0	58	1351	1608	0	943675	800000	1599999
3	1290373	1	15.0	79	1102	0	0	2237007	1600000	2399999
4	587643	2	11.0	83	1814	1153	0	2825752	2400000	3199999
5	481117	1	15.0	97	1715	0	0	3309836	3200000	3999999
6	964492	2	16.0	55	1135	1649	0	4276043	4000000	4799999
7	958838	2	18.0	67	1051	1286	0	5237665	4800000	5599999
8	413062	2	15.0	50	1816	1970	0	5653064	5600000	6399999
9	931090	2	11.0	57	1380	1133	0	6587940	6400000	7199999
10	906614	3	12.0	79	1024	1913	1590	7497067	7200000	7999999
11	1204063	2	16.0	51	1210	1849	0	8705657	8000000	8799999
12	711796	1	17.0	65	1682	0	0	9420512	8800000	9599999
13	553392	3	17.0	97	1352	1930	1524	9975586	9600000	10399999
14	1168836	3	17.0	77	1408	1208	1669	11149228	10400000	11199999
15	459664	3	8.0	100	1797	1441	1619	11613177	11200000	11999999

Total number of pulses in waveform = 30

♀

Waveform Num = 17
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	457834	2	8.0	66	1114	1551	0	457834	0	1333332
2	1378580	1	10.0	93	1612	0	0	1839079	1333333	2666665
3	1922426	3	11.0	70	1544	1535	1496	3763117	2666666	3999998
4	767495	1	14.0	84	1831	0	0	4535187	3999999	5333331
	1285667									

5		1	17.0	86	1380	New3RandParmBin5 for all bins		5822685	5333332	6666664
	2155592					0	0			
6		2	8.0	53	1678	1407	0	7979657	6666665	7999997
	1245430									
7		1	15.0	89	1215	0	0	9228172	7999998	9333330
	627730									
8		1	15.0	88	1463	0	0	9857117	9333331	10666663
	1098553									
9		3	20.0	82	1811	1548	1530	10957133	10666664	11999996

Total number of pulses in waveform = 15

Waveform Num = 18
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	899306									
1		1	7.0	55	1237	0	0	899306	0	999999
	543320									
2		3	20.0	79	1030	1830	1523	1443863	1000000	1999999
	645824									
3		3	9.0	55	1300	1714	1142	2094070	2000000	2999999
	1061763									
4		3	9.0	62	1819	1389	1090	3159989	3000000	3999999
	997404									
5		2	8.0	92	1157	1545	0	4161691	4000000	4999999
	1306978									
6		3	16.0	54	1260	1378	1920	5471371	5000000	5999999
	706019									
7		1	12.0	54	1443	0	0	6181948	6000000	6999999
	1325709									
8		2	11.0	66	1177	1175	0	7509100	7000000	7999999
	741716									
9		3	8.0	60	1374	1143	1485	8253168	8000000	8999999
	1135490									
10		2	7.0	87	1555	1872	0	9392660	9000000	9999999
	713227									
11		3	17.0	55	1946	1956	1219	10109314	10000000	10999999
	1017033									
12		1	6.0	61	1295	0	0	11131468	11000000	11999999

Total number of pulses in waveform = 27

Waveform Num = 19
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	625770									
1		3	12.0	97	1984	1675	1629	625770	0	631578
	338340									
2		2	17.0	58	1929	1514	0	969398	631579	1263157
	756330									
3		1	20.0	61	1959	0	0	1729171	1263158	1894736
	772162									
4		2	14.0	63	1227	1856	0	2503292	1894737	2526315
	311964									
5		1	14.0	63	1583	0	0	2818339	2526316	3157894
	901316									
6		2	19.0	79	1830	1642	0	3721238	3157895	3789473
	686150									
7		1	7.0	68	1296	0	0	4410860	3789474	4421052
	479902									
8		2	10.0	94	1664	1888	0	4892058	4421053	5052631
	565143									
9		1	17.0	52	1710	0	0	5460753	5052632	5684210
	581199									
10		1	17.0	92	1200	0	0	6043662	5684211	6315789
	290855									
11		2	15.0	72	1021	1504	0	6335717	6315790	6947368
	750479									
12		2	14.0	58	1487	1585	0	7088721	6947369	7578947
	923952									
13		1	7.0	62	1407	0	0	8015745	7578948	8210526
	800569									
14		3	5.0	78	1391	1721	1369	8817721	8210527	8842105
	509838									
15		1	5.0	84	1102	0	0	9332040	8842106	9473684
	362806									
16		3	13.0	70	1250	1034	1389	9695948	9473685	10105263
	845985									
17		3	9.0	79	1052	1776	1084	10545606	10105264	10736842
	237574									
18		3	10.0	52	1337	1667	1896	10787092	10736843	11368421
	756482									
19		1	19.0	76	1477	0	0	11548474	11368422	12000000

Total number of pulses in waveform = 35

New3RandParmBin5 for all bins

♀
 Waveform Num = 20
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	404422	2	6.0	53	1940	1558	0	404422	0	666666
2	685613	3	10.0	56	1550	1417	1402	1093533	666667	1333333
3	557205	3	9.0	53	1712	1456	1784	1655107	1333334	2000000
4	852626	1	19.0	83	1817	0	0	2512685	2000001	2666667
5	285224	1	20.0	53	1670	0	0	2799726	2666668	3333334
6	645584	1	12.0	59	1023	0	0	3446980	3333335	4000001
7	1032166	3	17.0	91	1186	1147	1374	4480169	4000002	4666668
8	731826	1	14.0	93	1341	0	0	5215702	4666669	5333335
9	395929	2	12.0	51	1436	1888	0	5612972	5333336	6000002
10	614249	2	5.0	93	1951	1139	0	6230545	6000003	6666669
11	987900	2	12.0	87	1581	1858	0	7221535	6666670	7333336
12	270939	1	15.0	71	1669	0	0	7495913	7333337	8000003
13	1054006	3	9.0	97	1006	1288	1353	8551588	8000004	8666670
14	722611	3	8.0	54	1534	1245	1197	9277846	8666671	9333337
15	650375	2	13.0	78	1171	1735	0	9932197	9333338	10000004
16	570491	2	9.0	69	1367	1680	0	10505594	10000005	10666671
17	419396	2	20.0	68	1334	1617	0	10928037	10666672	11333338
18	861746	1	13.0	96	1125	0	0	11792734	11333339	12000005
Total number of pulses in waveform = 35										

♀
 Waveform Num = 21
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	685351	2	14.0	77	1587	1177	0	685351	0	923076
2	260060	3	17.0	53	1895	1386	1913	948175	923077	1846153
3	948203	3	16.0	54	1812	1115	1605	1901572	1846154	2769230
4	1287783	3	14.0	95	1161	1894	1185	3193887	2769231	3692307
5	1161187	3	5.0	74	1109	1874	1010	4359314	3692308	4615384
6	743662	2	6.0	57	1690	1672	0	5106969	4615385	5538461
7	1052171	2	12.0	95	1224	1798	0	6162502	5538462	6461538
8	439621	3	13.0	84	1366	1370	1572	6605145	6461539	7384615
9	1563984	1	8.0	62	1544	0	0	8173437	7384616	8307692
10	827066	2	13.0	51	1777	1480	0	9002047	8307693	9230769
11	340209	1	10.0	71	1947	0	0	9345513	9230770	10153846
12	1463694	2	15.0	84	1036	1805	0	10811154	10153847	11076923
13	1108511	3	19.0	55	1862	1588	1085	11922506	11076924	12000000
Total number of pulses in waveform = 30										

♀
 Waveform Num = 22
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	633643	3	8.0	55	1253	1501	1407	633643	0	1090908
	627979									

New3RandParmBin5 for all bins										
2		3	13.0	75	1285	1798	1500	1265783	1090909	2181817
	939874									
3		2	16.0	96	1341	1010	0	2210240	2181818	3272726
	1111930									
4		3	16.0	99	1947	1565	1459	3324521	3272727	4363635
	1435306									
5		2	17.0	61	1806	1081	0	4764798	4363636	5454544
	1235192									
6		3	18.0	62	1098	1057	1491	6002877	5454545	6545453
	1289073									
7		2	18.0	51	1246	1512	0	7295596	6545454	7636362
	512894									
8		3	17.0	83	1464	1770	1182	7811248	7636363	8727271
	1355769									
9		3	9.0	98	1745	1018	1680	9171433	8727272	9818180
	923283									
10		3	11.0	67	1123	1094	1157	10099159	9818181	10909089
	1842151									
11		3	5.0	78	1428	1600	1017	11944684	10909090	11999998

Total number of pulses in waveform = 30

Waveform Num = 23
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	261120									
1		2	17.0	72	1302	1857	0	261120	0	599999
	667484									
2		3	20.0	79	1002	1715	1134	931763	600000	1199999
	443648									
3		2	6.0	61	1581	1200	0	1379262	1200000	1799999
	724975									
4		3	17.0	50	1518	1671	1965	2107018	1800000	2399999
	435818									
5		2	19.0	97	1999	1045	0	2547990	2400000	2999999
	758566									
6		2	10.0	82	1930	1714	0	3309600	3000000	3599999
	621431									
7		1	20.0	78	1732	0	0	3934675	3600000	4199999
	343423									
8		1	11.0	89	1709	0	0	4279830	4200000	4799999
	611913									
9		2	8.0	72	1142	1624	0	4893452	4800000	5399999
	764637									
10		1	12.0	87	1781	0	0	5660855	5400000	5999999
	654520									
11		3	9.0	91	1912	1295	1206	6317156	6000000	6599999
	316183									
12		1	20.0	52	1109	0	0	6637752	6600000	7199999
	593461									
13		2	9.0	92	1483	1955	0	7232322	7200000	7799999
	995992									
14		2	8.0	81	1582	1523	0	8231752	7800000	8399999
	571725									
15		3	9.0	72	1903	1338	1407	8806582	8400000	8999999
	754988									
16		2	20.0	82	1570	1993	0	9566218	9000000	9599999
	248486									
17		2	9.0	69	1503	1962	0	9818267	9600000	10199999
	883172									
18		3	15.0	62	1361	1605	1765	10704904	10200000	10799999
	463487									
19		2	17.0	64	1063	1637	0	11173122	10800000	11399999
	730334									
20		1	15.0	81	1089	0	0	11906156	11400000	11999999

Total number of pulses in waveform = 40

Waveform Num = 24
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	371928									
1		1	18.0	92	1510	0	0	371928	0	799999
	1090436									
2		2	14.0	60	1884	1353	0	1463874	800000	1599999
	540722									
3		2	7.0	92	1288	1867	0	2007833	1600000	2399999
	1107631									
4		3	19.0	72	1017	1250	1738	3118619	2400000	3199999
	143694									
5		1	16.0	72	1784	0	0	3266318	3200000	3999999
	755840									
6		3	14.0	60	1207	1572	1779	4023942	4000000	4799999
	1338466									

New3RandParmBin5 for all bins										
7		3	9.0	75	1972	1458	1244	5366966	4800000	5599999
8	494214	2	18.0	60	1448	1009	0	5865854	5600000	6399999
9	1242407	1	8.0	75	1322	0	0	7110718	6400000	7199999
10	802185	2	7.0	51	1410	1217	0	7914225	7200000	7999999
11	772233	2	20.0	62	1025	1098	0	8689085	8000000	8799999
12	749659	1	15.0	83	1414	0	0	9440867	8800000	9599999
13	629353	1	18.0	72	1239	0	0	10071634	9600000	10399999
14	1045465	3	15.0	90	1301	1129	1252	11118338	10400000	11199999
15	87901	1	7.0	57	1271	0	0	11209921	11200000	11999999

Total number of pulses in waveform = 28

♀
Waveform Num = 25
Num of Bursts = 8
Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	964756	2	18.0	67	1417	1160	0	964756	0	1499999
2	1906265	1	18.0	70	1019	0	0	2873598	1500000	2999999
3	641728	3	9.0	86	1675	1810	1838	3516345	3000000	4499999
4	1445257	1	10.0	89	1736	0	0	4966925	4500000	5999999
5	1069221	2	5.0	80	1656	1322	0	6037882	6000000	7499999
6	1589847	3	19.0	52	1765	1282	1526	7630707	7500000	8999999
7	1763917	2	11.0	89	1046	1080	0	9399197	9000000	10499999
8	1833167	1	10.0	97	1483	0	0	11234490	10500000	11999999

Total number of pulses in waveform = 15

♀
Waveform Num = 26
Num of Bursts = 12
Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	211878	1	5.0	70	1020	0	0	211878	0	999999
2	1636021	3	13.0	71	1940	1371	1296	1848919	1000000	1999999
3	1007208	3	9.0	62	1018	1643	1783	2860734	2000000	2999999
4	559566	2	9.0	63	1702	1840	0	3424744	3000000	3999999
5	855385	1	14.0	83	1766	0	0	4283671	4000000	4999999
6	1074080	2	6.0	97	1902	1467	0	5359517	5000000	5999999
7	1108854	1	17.0	73	1170	0	0	6471740	6000000	6999999
8	1478537	3	19.0	64	1040	1117	1152	7951447	7000000	7999999
9	668694	3	16.0	69	1635	1254	1060	8623450	8000000	8999999
10	1011012	2	19.0	70	1044	1112	0	9638411	9000000	9999999
11	1079098	1	6.0	93	1733	0	0	10719665	10000000	10999999
12	1134311	3	7.0	90	1884	1771	1038	11855709	11000000	11999999

Total number of pulses in waveform = 25

♀
Waveform Num = 27
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1198253	1	6.0	83	1314	0	0	1198253	0	1199999
2	153120	3	16.0	60	1140	1213	1369	1352687	1200000	2399999
3	1220525	1	8.0	65	1231	0	0	2576934	2400000	3599999
	1526387									

4		2	8.0	88	1044	New3RandParmBin5 for all bins 1303	0	4104552	3600000	4799999
5	1745410	1	6.0	64	1147	0	0	5852309	4800000	5999999
6	426680	1	13.0	93	1884	0	0	6280136	6000000	7199999
7	2048849	3	10.0	60	1588	1032	1004	8330869	7200000	8399999
8	873065	3	7.0	83	1369	1898	1305	9207558	8400000	9599999
9	1315940	1	11.0	99	1637	0	0	10528070	9600000	10799999
10	660387	2	13.0	79	1217	1425	0	11190094	10800000	11999999

Total number of pulses in waveform = 18

Waveform Num = 28
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1127727	2	20.0	67	1404	1880	0	1127727	0	1199999
2	203057	3	5.0	58	1238	1831	1680	1334068	1200000	2399999
3	1596811	2	11.0	67	1323	1809	0	2935628	2400000	3599999
4	1290043	1	14.0	59	1730	0	0	4228803	3600000	4799999
5	1177672	2	8.0	62	1452	1458	0	5408205	4800000	5999999
6	1254910	3	10.0	52	1299	1650	1372	6666025	6000000	7199999
7	751090	1	14.0	59	1956	0	0	7421436	7200000	8399999
8	1739727	2	17.0	54	1746	1899	0	9163119	8400000	9599999
9	1113619	1	16.0	99	1397	0	0	10280383	9600000	10799999
10	1552655	3	12.0	79	1492	1542	1080	11834435	10800000	11999999

Total number of pulses in waveform = 20

Waveform Num = 29
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	237914	2	19.0	93	1468	1268	0	237914	0	1333332
2	1262281	2	6.0	68	1072	1753	0	1502931	1333333	2666665
3	1690230	1	20.0	82	1804	0	0	3195986	2666666	3999998
4	1092205	2	16.0	57	1627	1859	0	4289995	3999999	5333331
5	2248272	2	6.0	67	1330	1015	0	6541753	5333332	6666664
6	228719	2	14.0	98	1877	1813	0	6772817	6666665	7999997
7	2188333	1	15.0	92	1129	0	0	8964840	7999998	9333330
8	427007	2	10.0	96	1337	1113	0	9392976	9333331	10666663
9	2235133	2	6.0	65	1675	1627	0	11630559	10666664	11999996

Total number of pulses in waveform = 16

Waveform Num = 30
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	425769	3	20.0	89	1284	1322	1596	425769	0	857142
2	1148709	2	10.0	91	1760	1574	0	1578680	857143	1714285
3	520748	1	5.0	52	1562	0	0	2102762	1714286	2571428
4	860829	1	10.0	96	1827	0	0	2965153	2571429	3428571
5	621578	1	15.0	63	1875	0	0	3588558	3428572	4285714
6	912769	2	15.0	81	1794	1557	0	4503202	4285715	5142857
	1127454									

						New3RandParmBin5 for all bins				
7		1	20.0	82	1685	0	0	5634007	5142858	6000000
8	446261	2	16.0	94	1820	1278	0	6081953	6000001	6857143
9	877461	1	19.0	59	1062	0	0	6962512	6857144	7714286
10	1460848	2	16.0	59	1198	1947	0	8424422	7714287	8571429
11	247113	2	8.0	92	1837	1654	0	8674680	8571430	9428572
12	1290391	3	13.0	91	1315	1170	1195	9968562	9428573	10285715
13	732218	1	12.0	88	1749	0	0	10704460	10285716	11142858
14	948043	2	18.0	95	1712	1270	0	11654252	11142859	12000001

Total number of pulses in waveform = 24

30MHz Bandwidth

Random DFS waveform parameters (NewBin5) 11-Jun-2015 15:30:27

Waveform Num = 1
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	535369	2	19.0	83	1789	1000	0	535369	0	631578
2	587562	1	16.0	80	1513	0	0	1125720	631579	1263157
3	756092	1	20.0	91	1409	0	0	1883325	1263158	1894736
4	261575	1	18.0	58	1869	0	0	2146309	1894737	2526315
5	637622	2	6.0	92	1295	1643	0	2785800	2526316	3157894
6	552161	2	18.0	61	1839	1559	0	3340899	3157895	3789473
7	860585	3	9.0	55	1864	1634	1014	4204882	3789474	4421052
8	547416	2	14.0	76	1825	1599	0	4756810	4421053	5052631
9	433068	2	13.0	77	1577	1054	0	5193302	5052632	5684210
10	1100497	2	12.0	66	1060	1429	0	6296430	5684211	6315789
11	637049	2	12.0	83	1368	1954	0	6935968	6315790	6947368
12	106653	2	9.0	88	1092	1537	0	7045943	6947369	7578947
13	686790	1	19.0	68	1808	0	0	7735362	7578948	8210526
14	539186	2	9.0	68	1811	1585	0	8276356	8210527	8842105
15	631440	3	5.0	61	1314	1569	1637	8911192	8842106	9473684
16	925130	3	16.0	77	1363	1906	1088	9840842	9473685	10105263
17	522466	3	8.0	84	1307	1676	1166	10367665	10105264	10736842
18	631479	3	5.0	60	1417	1174	1867	11003293	10736843	11368421
19	700313	2	8.0	67	1148	1415	0	11708064	11368422	12000000

Total number of pulses in waveform = 39

Waveform Num = 2
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1000670	3	14.0	93	1959	1486	1819	1000670	0	1333332
2	1331286	1	9.0	88	1092	0	0	2337220	1333333	2666665
3	1655831	2	16.0	82	1883	1647	0	3994143	2666666	3999998
4	124007	3	16.0	97	1613	1676	1579	4121680	3999999	5333331
5	2451034	3	16.0	62	1218	1585	1782	6577582	5333332	6666664
6	1135112	3	9.0	77	1348	1107	1522	7717279	6666665	7999997
7	713227	3	20.0	63	1191	1961	1118	8434483	7999998	9333330

New3RandParmBin5 for all bins

8 1674202 3 15.0 57 1645 1088 1944 10112955 9333331 10666663

9 1792282 3 18.0 71 1147 1388 1465 11909914 10666664 11999996

Total number of pulses in waveform = 24

♀

Waveform Num = 3

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	149089	2	18.0	96	1145	1547	0	149089	0	599999
2	808280	3	17.0	57	1973	1745	1617	960061	600000	1199999
3	440464	1	10.0	63	1733	0	0	1405860	1200000	1799999
4	661454	3	8.0	57	1093	1940	1201	2069047	1800000	2399999
5	759773	1	9.0	96	1032	0	0	2833054	2400000	2999999
6	504979	3	11.0	51	1209	1920	1003	3339065	3000000	3599999
7	528002	1	14.0	62	1547	0	0	3871199	3600000	4199999
8	853691	1	12.0	91	1440	0	0	4726437	4200000	4799999
9	566163	2	20.0	83	1711	1955	0	5294040	4800000	5399999
10	283834	2	17.0	66	1778	1683	0	5581540	5400000	5999999
11	667612	2	15.0	94	1556	1740	0	6252613	6000000	6599999
12	473286	3	12.0	63	1468	1208	1501	6729195	6600000	7199999
13	603798	2	7.0	93	1717	1943	0	7337170	7200000	7799999
14	645771	2	20.0	80	1535	1800	0	7986601	7800000	8399999
15	994628	3	20.0	59	1386	1249	1308	8984564	8400000	8999999
16	464289	1	18.0	51	1164	0	0	9452796	9000000	9599999
17	560477	2	20.0	89	1118	1844	0	10014437	9600000	10199999
18	541351	1	8.0	74	1232	0	0	10558750	10200000	10799999
19	273637	2	17.0	75	1631	1357	0	10833619	10800000	11399999
20	824741	2	13.0	54	1061	1307	0	11661348	11400000	11999999

Total number of pulses in waveform = 39

♀

Waveform Num = 4

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	767386	3	7.0	91	1579	1115	1477	767386	0	799999
2	87273	1	16.0	62	1143	0	0	858830	800000	1599999
3	1440867	2	14.0	68	1786	1655	0	2300840	1600000	2399999
4	138239	1	6.0	61	1576	0	0	2442520	2400000	3199999
5	1504563	1	10.0	68	1601	0	0	3948659	3200000	3999999
6	77704	2	5.0	62	1641	1980	0	4027964	4000000	4799999
7	1395933	3	15.0	62	1204	1844	1426	5427518	4800000	5599999
8	381769	3	9.0	59	1118	1695	1510	5813761	5600000	6399999
9	953628	3	6.0	98	1586	1868	1953	6771712	6400000	7199999
10	939450	2	6.0	96	1839	1372	0	7716569	7200000	7999999
11	447348	1	6.0	93	1390	0	0	8167128	8000000	8799999
12	1333733	1	19.0	67	1168	0	0	9502251	8800000	9599999
13	135844	1	20.0	67	1522	0	0	9639263	9600000	10399999
14	1378167	2	15.0	66	1236	1924	0	11018952	10400000	11199999

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528445
New3RandParmBin5 for all bins
15
Total number of pulses in waveform = 28
♀
Waveform Num = 5
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst # Off Time (us) # Pulses Chirp (MHz) PW (us) Pulse 1 Pri(us) Pulse 2 Pri(us) Pulse 3 Pri(us) Start Loc (us) Start Burst Interval(us) End Burst Interval(us)
1 190647 2 17.0 91 1261 1529 0 190647 0 1199999
2 1972695 2 18.0 78 1722 1545 0 2166132 1200000 2399999
3 625000 3 20.0 74 1630 1276 1033 2794399 2400000 3599999
4 948890 3 16.0 89 1952 1440 1327 3747228 3600000 4799999
5 2145022 1 12.0 86 1494 0 0 5896969 4800000 5999999
6 483238 1 13.0 81 1779 0 0 6381701 6000000 7199999
7 1297113 1 11.0 74 1601 0 0 7680593 7200000 8399999
8 1554259 1 5.0 94 1862 0 0 9236453 8400000 9599999
9 513040 3 10.0 84 1877 1184 1241 9751355 9600000 10799999
10 1798973 3 19.0 88 1401 1716 1623 11554630 10800000 11999999
Total number of pulses in waveform = 20
♀
Waveform Num = 6
Num of Bursts = 17
Burst Interval (us) = 705882.0

Burst # Off Time (us) # Pulses Chirp (MHz) PW (us) Pulse 1 Pri(us) Pulse 2 Pri(us) Pulse 3 Pri(us) Start Loc (us) Start Burst Interval(us) End Burst Interval(us)
1 408746 3 20.0 87 1799 1366 1079 408746 0 705881
2 944417 2 13.0 78 1729 1306 0 1357407 705882 1411763
3 552578 1 6.0 67 1405 0 0 1913020 1411764 2117645
4 786145 1 19.0 52 1722 0 0 2700570 2117646 2823527
5 307859 2 6.0 94 1197 1989 0 3010151 2823528 3529409
6 823817 1 18.0 55 1636 0 0 3837154 3529410 4235291
7 947948 1 18.0 58 1731 0 0 4786738 4235292 4941173
8 224874 2 5.0 86 1240 1812 0 5013343 4941174 5647055
9 1246347 3 17.0 87 1392 1444 1436 6262742 5647056 6352937
10 121666 1 20.0 99 1497 0 0 6388680 6352938 7058819
11 1026437 2 17.0 78 1549 1157 0 7416614 7058820 7764701
12 643141 1 10.0 98 1634 0 0 8062461 7764702 8470583
13 568146 1 5.0 88 1641 0 0 8632241 8470584 9176465
14 589695 3 5.0 60 1763 1363 1027 9223577 9176466 9882347
15 1162466 2 12.0 73 1564 1721 0 10390196 9882348 10588229
16 873001 2 7.0 85 1867 1563 0 11266482 10588230 11294111
17 428759 3 20.0 96 1420 1636 1366 11698671 11294112 11999993
Total number of pulses in waveform = 31
♀
Waveform Num = 7
Num of Bursts = 8
Burst Interval (us) = 1500000.0

Burst # Off Time (us) # Pulses Chirp (MHz) PW (us) Pulse 1 Pri(us) Pulse 2 Pri(us) Pulse 3 Pri(us) Start Loc (us) Start Burst Interval(us) End Burst Interval(us)
1 1133818 2 19.0 74 1564 1126 0 1133818 0 1499999
2 961052 3 6.0 64 1020 1408 1233 2097560 1500000 2999999
3 1246711 1 8.0 50 1593 0 0 3347932 3000000 4499999
4 2455476 1 17.0 84 1122 0 0 5805001 4500000 5999999

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New3RandParmBin5 for all bins

5	487005	2	19.0	73	1066	1941	0	6293128	6000000	7499999
6	2606821	2	12.0	70	1708	1248	0	8902956	7500000	8999999
7	810308	1	17.0	51	1942	0	0	9716220	9000000	10499999
8	1736562	1	15.0	63	1942	0	0	11454724	10500000	11999999

Total number of pulses in waveform = 13

♀
Waveform Num = 8
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	800312	1	12.0	86	1170	0	0	800312	0	1199999
2	1327803	1	19.0	97	1569	0	0	2129285	1200000	2399999
3	687072	3	18.0	92	1266	1533	1408	2817926	2400000	3599999
4	1171005	1	17.0	77	1174	0	0	3993138	3600000	4799999
5	1313890	1	20.0	60	1625	0	0	5308202	4800000	5999999
6	1328938	2	6.0	91	1444	1101	0	6638765	6000000	7199999
7	870687	3	16.0	50	1858	1982	1834	7511997	7200000	8399999
8	1069275	3	16.0	52	1790	1222	1103	8586946	8400000	9599999
9	1613437	2	7.0	68	1059	1457	0	10204498	9600000	10799999
10	666940	2	17.0	82	1683	1881	0	10873954	10800000	11999999

Total number of pulses in waveform = 19

♀
Waveform Num = 9
Num of Bursts = 9
Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1063236	2	18.0	50	1955	1299	0	1063236	0	1333332
2	998386	2	16.0	94	1766	1330	0	2064876	1333333	2666665
3	1558834	2	10.0	62	1590	1022	0	3626806	2666666	3999998
4	807998	2	17.0	61	1826	1559	0	4437416	3999999	5333331
5	1254282	3	12.0	77	1188	1693	1827	5695083	5333332	6666664
6	2115950	3	10.0	95	1123	1740	1053	7815741	6666665	7999997
7	815546	2	14.0	56	1629	1925	0	8635203	7999998	9333330
8	1526655	2	16.0	57	1627	1150	0	10165412	9333331	10666663
9	1484359	2	8.0	89	1993	1924	0	11652548	10666664	11999996

Total number of pulses in waveform = 20

♀
Waveform Num = 10
Num of Bursts = 18
Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	447029	1	19.0	71	1880	0	0	447029	0	666666
2	562990	3	7.0	91	1741	1734	1944	1011899	666667	1333333
3	504286	2	8.0	84	1219	1528	0	1521604	1333334	2000000
4	885742	3	6.0	58	1739	1005	1189	2410093	2000001	2666667
5	822427	1	11.0	81	1513	0	0	3236453	2666668	3333334
6	102936	1	12.0	65	1395	0	0	3340902	3333335	4000001
7	1179754	1	18.0	72	1375	0	0	4522051	4000002	4666668
8	620723	3	6.0	53	1832	1082	1949	5144149	4666669	5333335
9	543802	1	12.0	66	1203	0	0	5692814	5333336	6000002

New3RandParmBin5 for all bins										
10	440701	2	14.0	61	1806	1084	0	6134718	6000003	6666669
11	1126819	3	14.0	87	1415	1518	1769	7264427	6666670	7333336
12	552920	2	13.0	67	1032	1212	0	7822049	7333337	8000003
13	287020	3	9.0	65	1940	1434	1984	8111313	8000004	8666670
14	686742	3	5.0	65	1813	1704	1943	8803413	8666671	9333337
15	604731	3	18.0	85	1141	1492	1122	9413604	9333338	10000004
16	1198693	3	12.0	73	1631	1059	1113	10616052	10000005	10666671
17	590523	1	15.0	95	1738	0	0	11210378	10666672	11333338
18	271220	3	12.0	70	1415	1108	1490	11483336	11333339	12000005

Total number of pulses in waveform = 39

Waveform Num = 11
Num of Bursts = 15
Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	228674	3	10.0	61	1369	1136	1429	228674	0	799999
2	1267224	2	17.0	88	1535	1778	0	1499832	800000	1599999
3	607736	2	5.0	88	1220	1839	0	2110881	1600000	2399999
4	669056	2	9.0	68	1183	1578	0	2782996	2400000	3199999
5	779150	1	7.0	78	1657	0	0	3564907	3200000	3999999
6	527988	2	13.0	55	1506	1864	0	4094552	4000000	4799999
7	1034101	2	19.0	61	1244	1710	0	5132023	4800000	5599999
8	787481	3	10.0	65	1064	1560	1729	5922458	5600000	6399999
9	479330	2	9.0	95	1481	1356	0	6406141	6400000	7199999
10	1001604	2	5.0	98	1108	1759	0	7410582	7200000	7999999
11	1099568	2	11.0	61	1586	1016	0	8513017	8000000	8799999
12	799653	3	14.0	77	1778	1223	1216	9315272	8800000	9599999
13	502473	3	13.0	97	1850	1074	1252	9821962	9600000	10399999
14	1166022	3	8.0	57	1542	1790	1675	10992160	10400000	11199999
15	364686	3	9.0	96	1975	1344	1761	11361853	11200000	11999999

Total number of pulses in waveform = 35

Waveform Num = 12
Num of Bursts = 16
Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	499429	2	5.0	76	1311	1127	0	499429	0	749999
2	925488	1	5.0	77	1804	0	0	1427355	750000	1499999
3	656080	1	6.0	90	1739	0	0	2085239	1500000	2249999
4	303994	3	19.0	77	1071	1309	1789	2390972	2250000	2999999
5	1034812	2	7.0	80	1151	1626	0	3429953	3000000	3749999
6	490077	2	6.0	99	1743	1930	0	3922807	3750000	4499999
7	1249628	1	10.0	97	1075	0	0	5176108	4500000	5249999
8	128924	3	6.0	63	1312	1084	1468	5306107	5250000	5999999
9	1128663	3	19.0	99	1416	1671	1912	6438634	6000000	6749999
10	957849	2	19.0	69	1191	1139	0	7401482	6750000	7499999
11	322356	3	12.0	60	1155	1201	1654	7726168	7500000	8249999
12	1029418	2	8.0	92	1777	1634	0	8759596	8250000	8999999

New3RandParmBin5 for all bins										
13	970763	2	16.0	91	1596	1679	0	9733770	9000000	9749999
14	202525	1	8.0	100	1733	0	0	9939570	9750000	10499999
15	891058	2	7.0	81	1814	1113	0	10832361	10500000	11249999
16	781976	3	7.0	72	1202	1663	1447	11617264	11250000	11999999
Total number of pulses in waveform = 33										

Waveform Num = 13
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	455063	1	12.0	98	1935	0	0	455063	0	666666
2	568872	3	14.0	73	1339	1023	1548	1025870	666667	1333333
3	789948	3	16.0	62	1676	1934	1622	1819728	1333334	2000000
4	420727	3	6.0	97	1642	1130	1313	2245687	2000001	2666667
5	688393	3	16.0	78	1699	1650	1229	2938165	2666668	3333334
6	475860	3	8.0	98	1484	1825	1173	3418603	3333335	4000001
7	696330	3	12.0	95	1170	1657	1375	4119415	4000002	4666668
8	740131	2	18.0	100	1070	1764	0	4863748	4666669	5333335
9	753629	1	5.0	67	1046	0	0	5620211	5333336	6000002
10	499929	1	10.0	94	1703	0	0	6121186	6000003	6666669
11	1188117	2	13.0	62	1806	1929	0	7311006	6666670	7333336
12	529483	3	20.0	66	1710	1605	1375	7844224	7333337	8000003
13	323912	3	7.0	93	1270	1214	1707	8172826	8000004	8666670
14	1098779	1	6.0	94	1052	0	0	9275796	8666671	9333337
15	710529	1	17.0	62	1830	0	0	9987377	9333338	10000004
16	466807	2	13.0	86	1349	1509	0	10456014	10000005	10666671
17	763899	2	10.0	89	1616	1594	0	11222771	10666672	11333338
18	303381	3	12.0	63	1633	1249	1436	11529362	11333339	12000005
Total number of pulses in waveform = 40										

Waveform Num = 14
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	519037	3	14.0	89	1884	1485	1657	519037	0	749999
2	845283	2	17.0	99	1564	1219	0	1369346	750000	1499999
3	526857	1	12.0	65	1825	0	0	1898986	1500000	2249999
4	963841	3	17.0	61	1241	1926	1740	2864652	2250000	2999999
5	256865	3	11.0	81	1214	1092	1717	3126424	3000000	3749999
6	693169	3	20.0	91	1406	1634	1624	3823616	3750000	4499999
7	1371116	2	5.0	94	1637	1369	0	5199396	4500000	5249999
8	110386	2	7.0	62	1707	1952	0	5312788	5250000	5999999
9	1166853	2	8.0	93	1661	1314	0	6483300	6000000	6749999
10	456542	1	14.0	79	1095	0	0	6942817	6750000	7499999
11	907122	2	9.0	74	1381	1036	0	7851034	7500000	8249999
12	486463	2	15.0	72	1811	1226	0	8339914	8250000	8999999
13	702625	2	20.0	65	1403	1838	0	9045576	9000000	9749999
14	857436	2	15.0	60	1194	1052	0	9906253	9750000	10499999

New3RandParmBin5 for all bins										
15	1183100	2	12.0	55	1612	1376	0	11091599	10500000	11249999
16	712569	2	14.0	97	1287	1337	0	11807156	11250000	11999999
Total number of pulses in waveform = 34										
♀										
Waveform Num = 15										
Num of Bursts = 15										
Burst Interval (us) = 800000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	534293	2	20.0	61	1929	1332	0	534293	0	799999
2	683477	2	14.0	61	1817	1257	0	1221031	800000	1599999
3	596925	1	20.0	68	1399	0	0	1821030	1600000	2399999
4	805839	3	10.0	57	1301	1088	1846	2628268	2400000	3199999
5	1343632	3	6.0	63	1116	1374	1724	3976135	3200000	3999999
6	575033	2	16.0	59	1893	1218	0	4555382	4000000	4799999
7	499578	3	18.0	82	1925	1330	1164	5058071	4800000	5599999
8	587581	2	16.0	79	1556	1807	0	5650071	5600000	6399999
9	904798	2	6.0	64	1524	1093	0	6558232	6400000	7199999
10	1129414	1	7.0	95	1098	0	0	7690263	7200000	7999999
11	449814	2	8.0	54	1844	1379	0	8141175	8000000	8799999
12	1393579	3	20.0	52	1140	1435	1634	9537977	8800000	9599999
13	179283	1	8.0	75	1003	0	0	9721469	9600000	10399999
14	778641	1	20.0	96	1082	0	0	10501113	10400000	11199999
15	737214	3	8.0	73	1917	1189	1796	11239409	11200000	11999999
Total number of pulses in waveform = 31										
♀										
Waveform Num = 16										
Num of Bursts = 11										
Burst Interval (us) = 1090909.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	941475	1	19.0	69	1273	0	0	941475	0	1090908
2	853154	3	5.0	84	1429	1372	1749	1795902	1090909	2181817
3	1125228	2	16.0	58	1914	1967	0	2925680	2181818	3272726
4	1234352	3	8.0	60	1181	1166	1551	4163913	3272727	4363635
5	840032	3	17.0	68	1878	1336	1363	5007843	4363636	5454544
6	1128180	2	6.0	73	1192	1200	0	6140600	5454545	6545453
7	884513	3	14.0	62	1203	1719	1189	7027505	6545454	7636362
8	1171282	1	8.0	50	1021	0	0	8202898	7636363	8727271
9	948566	2	12.0	91	1307	1366	0	9152485	8727272	9818180
10	1328063	1	19.0	66	1572	0	0	10483221	9818181	10909089
11	785435	1	7.0	61	1021	0	0	11270228	10909090	11999998
Total number of pulses in waveform = 22										
♀										
Waveform Num = 17										
Num of Bursts = 15										
Burst Interval (us) = 800000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	331401	1	18.0	53	1287	0	0	331401	0	799999
2	625198	3	16.0	56	1231	1810	1580	957886	800000	1599999
3	1392105	2	13.0	92	1872	1496	0	2354612	1600000	2399999
4	353552	3	12.0	58	1292	1738	1015	2711532	2400000	3199999

New3RandParmBin5 for all bins

5	924913	1	8.0	95	1270	0	0	3640490	3200000	3999999
6	1001061	2	7.0	76	1432	1387	0	4642821	4000000	4799999
7	453518	3	8.0	96	1356	1709	1233	5099158	4800000	5599999
8	782039	2	17.0	87	1008	1568	0	5885495	5600000	6399999
9	525092	1	18.0	54	1929	0	0	6413163	6400000	7199999
10	837744	2	14.0	91	1695	1785	0	7252836	7200000	7999999
11	821938	3	14.0	52	1402	1541	1034	8078254	8000000	8799999
12	1390072	3	19.0	63	1610	1412	1050	9472303	8800000	9599999
13	131119	1	17.0	55	1101	0	0	9607494	9600000	10399999
14	986606	3	18.0	82	1382	1571	1345	10595201	10400000	11199999
15	950971	2	14.0	55	1057	1515	0	11550470	11200000	11999999

Total number of pulses in waveform = 32

Waveform Num = 18
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	711201	3	14.0	50	1228	1134	1650	711201	0	749999
2	348143	1	20.0	76	1340	0	0	1063356	750000	1499999
3	534293	2	18.0	66	1395	1556	0	1598989	1500000	2249999
4	875218	2	16.0	73	1016	1185	0	2477158	2250000	2999999
5	802169	3	9.0	100	1714	1547	1131	3281528	3000000	3749999
6	847801	2	15.0	58	1046	1847	0	4133721	3750000	4499999
7	1093873	1	10.0	57	1181	0	0	5230487	4500000	5249999
8	267577	2	6.0	67	1836	1055	0	5499245	5250000	5999999
9	554656	3	5.0	84	1288	1690	1709	6056792	6000000	6749999
10	1332262	1	8.0	97	1144	0	0	7393741	6750000	7499999
11	619588	3	5.0	60	1482	1324	1945	8014473	7500000	8249999
12	876371	3	11.0	95	1148	1388	1752	8895595	8250000	8999999
13	278815	2	10.0	71	1714	1541	0	9178698	9000000	9749999
14	1288468	2	15.0	55	1156	1419	0	10470421	9750000	10499999
15	685538	2	17.0	71	1370	1396	0	11158534	10500000	11249999
16	325081	3	17.0	58	1588	1648	1624	11486381	11250000	11999999

Total number of pulses in waveform = 35

Waveform Num = 19
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	130361	2	16.0	80	1405	1279	0	130361	0	857142
2	1094697	2	7.0	55	1446	1136	0	1227742	857143	1714285
3	1274081	2	19.0	59	1893	1870	0	2504405	1714286	2571428
4	462010	1	7.0	63	1203	0	0	2970178	2571429	3428571
5	1231542	3	8.0	64	1465	1498	1213	4202923	3428572	4285714
6	922772	2	20.0	61	1293	1380	0	5129871	4285715	5142857
7	520103	2	6.0	55	1954	1466	0	5652647	5142858	6000000
8	1028670	3	6.0	65	1166	1118	1308	6684737	6000001	6857143
9	439641	2	9.0	75	1020	1414	0	7127970	6857144	7714286

New3RandParmBin5 for all bins										
951738	3	12.0	64	1246	1111	1173	8082142	7714287	8571429	
1144904	2	17.0	85	1219	1773	0	9230576	8571430	9428572	
501220	3	10.0	61	1886	1070	1176	9734788	9428573	10285715	
1044325	1	12.0	82	1182	0	0	10783245	10285716	11142858	
1147122	2	5.0	57	1441	1629	0	11931549	11142859	12000001	

Total number of pulses in waveform = 30

Waveform Num = 20
Num of Bursts = 13
Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	300026	3	5.0	51	1554	1899	1021	300026	0	923076
2	1188861	2	13.0	65	1714	1969	0	1493361	923077	1846153
3	442050	3	14.0	67	1471	1239	1076	1939094	1846154	2769230
4	1009731	3	12.0	86	1333	1652	1758	2952611	2769231	3692307
5	1582410	2	9.0	61	1537	1503	0	4539764	3692308	4615384
6	878677	1	20.0	85	1929	0	0	5421481	4615385	5538461
7	195724	1	17.0	92	1853	0	0	5619134	5538462	6461538
8	854041	1	10.0	90	1988	0	0	6475028	6461539	7384615
9	1162463	2	10.0	57	1981	1523	0	7639479	7384616	8307692
10	968858	2	20.0	60	1356	1348	0	8611841	8307693	9230769
11	1311059	2	10.0	92	1225	1909	0	9925604	9230770	10153846
12	425254	2	12.0	94	1289	1212	0	10353992	10153847	11076923
13	1598092	2	20.0	84	1713	1397	0	11954585	11076924	12000000

Total number of pulses in waveform = 26

Waveform Num = 21
Num of Bursts = 16
Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	42693	2	8.0	96	1397	1832	0	42693	0	749999
2	801271	1	6.0	86	1664	0	0	847193	750000	1499999
3	1151126	3	5.0	67	1136	1652	1329	1999983	1500000	2249999
4	723010	1	14.0	59	1481	0	0	2727110	2250000	2999999
5	373234	2	20.0	65	1330	1133	0	3101825	3000000	3749999
6	1273196	3	19.0	88	1175	1110	1929	4377484	3750000	4499999
7	826463	2	7.0	77	1238	1598	0	5208161	4500000	5249999
8	357722	3	14.0	74	1028	1891	1906	5568719	5250000	5999999
9	1112607	2	11.0	93	1329	1343	0	6686151	6000000	6749999
10	563185	1	10.0	58	1800	0	0	7252008	6750000	7499999
11	441759	1	19.0	66	1936	0	0	7695567	7500000	8249999
12	913853	2	11.0	65	1634	1469	0	8611356	8250000	8999999
13	774078	2	10.0	61	1734	1432	0	9388537	9000000	9749999
14	782848	1	16.0	50	1205	0	0	10174551	9750000	10499999
15	857017	2	19.0	61	1404	1513	0	11032773	10500000	11249999
16	481566	3	19.0	61	1708	1775	1185	11517256	11250000	11999999

Total number of pulses in waveform = 31

Waveform Num = 22
Num of Bursts = 11

New3RandParmBin5 for all bins										
Burst Interval (us) = 1090909.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	979292	3	8.0	76	1820	1721	1231	979292	0	1090908
2	924941	1	17.0	74	1361	0	0	1909005	1090909	2181817
3	344947	1	12.0	97	1415	0	0	2255313	2181818	3272726
4	1122441	1	5.0	62	1739	0	0	3379169	3272727	4363635
5	2008871	3	8.0	97	1768	1988	1627	5389779	4363636	5454544
6	683931	3	18.0	78	1595	1222	1677	6079093	5454545	6545453
7	1372044	2	11.0	90	1395	1835	0	7455631	6545454	7636362
8	515951	1	17.0	63	1130	0	0	7974812	7636363	8727271
9	1254726	3	9.0	83	1251	1931	1565	9230668	8727272	9818180
10	934134	3	17.0	80	1963	1581	1046	10169549	9818181	10909089
11	1714931	1	13.0	90	1368	0	0	11889070	10909090	11999998

Total number of pulses in waveform = 22

Waveform Num = 23
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1269341	1	19.0	95	1908	0	0	1269341	0	1499999
2	903527	1	15.0	53	1277	0	0	2174776	1500000	2999999
3	1010389	2	13.0	72	1618	1022	0	3186442	3000000	4499999
4	1643193	1	19.0	65	1052	0	0	4832275	4500000	5999999
5	1950174	2	15.0	80	1094	1983	0	6783501	6000000	7499999
6	2096890	2	7.0	82	1740	1285	0	8883468	7500000	8999999
7	1265383	1	12.0	60	1561	0	0	10151876	9000000	10499999
8	896713	2	18.0	88	1562	1281	0	11050150	10500000	11999999

Total number of pulses in waveform = 12

Waveform Num = 24
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	740490	3	10.0	97	1295	1005	1861	740490	0	1090908
2	658544	2	5.0	63	1152	1369	0	1403195	1090909	2181817
3	1584859	1	5.0	77	1599	0	0	2990575	2181818	3272726
4	341765	3	8.0	80	1740	1684	1277	3333939	3272727	4363635
5	1247541	3	17.0	52	1133	1557	1572	4586181	4363636	5454544
6	948363	3	11.0	76	1386	1747	1753	5538806	5454545	6545453
7	1950756	2	6.0	87	1546	1593	0	7494448	6545454	7636362
8	1053168	2	19.0	76	1537	1001	0	8550755	7636363	8727271
9	952403	3	12.0	61	1855	1495	1138	9505696	8727272	9818180
10	966145	3	8.0	68	1062	1167	1764	10476329	9818181	10909089
11	852693	1	15.0	72	1467	0	0	11333015	10909090	11999998

Total number of pulses in waveform = 26

Waveform Num = 25
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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New3RandParmBin5 for all bins										
1	197531	1	20.0	66	1318	0	0	197531	0	1499999
2	2455617	3	10.0	75	1025	1297	1561	2654466	1500000	2999999
3	1401906	1	6.0	81	1099	0	0	4060255	3000000	4499999
4	1683467	2	7.0	63	1317	1410	0	5744821	4500000	5999999
5	1511292	1	19.0	79	1683	0	0	7258840	6000000	7499999
6	971148	3	11.0	91	1205	1550	1980	8231671	7500000	8999999
7	2242839	1	8.0	59	1138	0	0	10479245	9000000	10499999
8	112777	3	9.0	99	1441	1794	1525	10593160	10500000	11999999
Total number of pulses in waveform = 15										

Waveform Num = 26
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	54947	3	11.0	88	1288	1738	1592	54947	0	631578
2	1029072	3	16.0	91	1667	1262	1074	1088637	631579	1263157
3	528603	2	6.0	84	1769	1308	0	1621243	1263158	1894736
4	573015	1	13.0	73	1537	0	0	2197335	1894737	2526315
5	335457	2	20.0	57	1422	1641	0	2534329	2526316	3157894
6	1088241	2	9.0	80	1599	1647	0	3625633	3157895	3789473
7	728607	1	9.0	54	1375	0	0	4357486	3789474	4421052
8	140191	3	8.0	81	1466	1222	1849	4499052	4421053	5052631
9	1060194	2	13.0	93	1777	1797	0	5563783	5052632	5684210
10	468822	3	10.0	68	1430	1303	1442	6036179	5684211	6315789
11	740829	3	17.0	74	1609	1583	1388	6781183	6315790	6947368
12	728623	2	5.0	83	1039	1499	0	7514386	6947369	7578947
13	554626	3	15.0	83	1163	1689	1942	8071550	7578948	8210526
14	725887	1	8.0	89	1167	0	0	8802231	8210527	8842105
15	77495	2	10.0	77	1486	1470	0	8880893	8842106	9473684
16	683929	3	14.0	88	1308	1075	1679	9567778	9473685	10105263
17	1150378	2	14.0	98	1336	1422	0	10722218	10105264	10736842
18	619168	2	6.0	79	1642	1597	0	11344144	10736843	11368421
19	313792	2	12.0	69	1071	1356	0	11661175	11368422	12000000
Total number of pulses in waveform = 42										

Waveform Num = 27
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	394220	1	19.0	55	1014	0	0	394220	0	1090908
2	1441479	2	9.0	54	1121	1590	0	1836713	1090909	2181817
3	1236733	1	19.0	52	1203	0	0	3076157	2181818	3272726
4	471247	3	19.0	98	1989	1468	1191	3548607	3272727	4363635
5	1423035	3	10.0	75	1953	1635	1626	4976290	4363636	5454544
6	1534322	3	7.0	95	1947	1280	1521	6515826	5454545	6545453
7	970228	3	19.0	55	1613	1505	1681	7490802	6545454	7636362
8	893813	3	8.0	86	1766	1653	1313	8389414	7636363	8727271
9	1377296	3	7.0	98	1970	1815	1694	9771442	8727272	9818180

New3RandParmBin5 for all bins										
10	421599	3	20.0	95	1679	1962	1014	10198520	9818181	10909089
11	1787025	1	16.0	52	1464	0	0	11990200	10909090	11999998
Total number of pulses in waveform = 26										
♀										
Waveform Num = 28										
Num of Bursts = 8										
Burst Interval (us) = 1500000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	517973	1	19.0	92	1416	0	0	517973	0	1499999
2	1918928	1	17.0	53	1645	0	0	2438317	1500000	2999999
3	1923310	3	7.0	58	1629	1273	1382	4363272	3000000	4499999
4	607953	1	20.0	52	1618	0	0	4975509	4500000	5999999
5	1487355	1	8.0	100	1235	0	0	6464482	6000000	7499999
6	1888550	1	7.0	60	1728	0	0	8354267	7500000	8999999
7	808694	3	15.0	50	1326	1147	1130	9164689	9000000	10499999
8	1407415	3	9.0	89	1165	1825	1257	10575707	10500000	11999999
Total number of pulses in waveform = 14										
♀										
Waveform Num = 29										
Num of Bursts = 20										
Burst Interval (us) = 600000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	569983	3	13.0	55	1833	1064	1240	569983	0	599999
2	313338	1	13.0	66	1919	0	0	887458	600000	1199999
3	755582	1	5.0	55	1851	0	0	1644959	1200000	1799999
4	410439	2	11.0	63	1263	1351	0	2057249	1800000	2399999
5	777008	3	17.0	93	1214	1862	1036	2836871	2400000	2999999
6	557566	3	8.0	58	1696	1192	1673	3398549	3000000	3599999
7	745109	1	20.0	97	1010	0	0	4148219	3600000	4199999
8	410167	2	9.0	56	1495	1557	0	4559396	4200000	4799999
9	248174	1	6.0	60	1750	0	0	4810622	4800000	5399999
10	823369	3	6.0	56	1377	1874	1757	5635741	5400000	5999999
11	704037	1	15.0	68	1251	0	0	6344786	6000000	6599999
12	361727	3	12.0	58	1666	1608	1731	6707764	6600000	7199999
13	856791	2	15.0	95	1165	1637	0	7569560	7200000	7799999
14	726531	3	8.0	56	1703	1410	1869	8298893	7800000	8399999
15	301615	1	12.0	90	1810	0	0	8605490	8400000	8999999
16	424058	2	15.0	67	1410	1089	0	9031358	9000000	9599999
17	1043176	1	19.0	56	1085	0	0	10077033	9600000	10199999
18	667352	3	6.0	55	1762	1572	1648	10745470	10200000	10799999
19	150875	2	9.0	72	1098	1815	0	10901327	10800000	11399999
20	651942	1	11.0	74	1952	0	0	11556182	11400000	11999999
Total number of pulses in waveform = 39										
♀										
Waveform Num = 30										
Num of Bursts = 18										
Burst Interval (us) = 666667.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	50034	3	7.0	68	1037	1077	1794	50034	0	666666
2	834945	3	19.0	63	1236	1057	1121	888887	666667	1333333

New3RandParmBin5 for all bins										
3	835093	1	19.0	86	1683	0	0	1727394	1333334	2000000
4	299446	3	14.0	58	1977	1501	1698	2028523	2000001	2666667
5	969736	3	14.0	89	1153	1913	1866	3003435	2666668	3333334
6	696870	1	8.0	85	1143	0	0	3705237	3333335	4000001
7	392650	3	13.0	72	1925	1241	1010	4099030	4000002	4666668
8	571649	1	7.0	56	1898	0	0	4674855	4666669	5333335
9	943052	2	8.0	70	1120	1380	0	5619805	5333336	6000002
10	822666	1	8.0	72	1365	0	0	6444971	6000003	6666669
11	268964	3	7.0	98	1446	1302	1282	6715300	6666670	7333336
12	1037048	1	6.0	66	1201	0	0	7756378	7333337	8000003
13	666874	3	8.0	50	1388	1378	1445	8424453	8000004	8666670
14	427067	1	17.0	87	1172	0	0	8855731	8666671	9333337
15	662938	2	15.0	60	1650	1247	0	9519841	9333338	10000004
16	788225	2	14.0	69	1862	1871	0	10310963	10000005	10666671
17	726112	3	20.0	71	1554	1098	1309	11040808	10666672	11333338
18	676722	1	5.0	51	1842	0	0	11721491	11333339	12000005
Total number of pulses in waveform = 37										

♀

40MHz Bandwidth

Random DFS waveform parameters (NewBin5) 11-Jun-2015 15:31:01

Waveform Num = 1
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	157028	1	9.0	76	1508	0	0	157028	0	1499999
2	1525557	3	9.0	50	1174	1810	1876	1684093	1500000	2999999
3	2763423	3	7.0	84	1049	1292	1519	4452376	3000000	4499999
4	53826	2	11.0	82	1334	1061	0	4510062	4500000	5999999
5	2134582	3	18.0	91	1786	1921	1786	6647039	6000000	7499999
6	875326	1	18.0	73	1620	0	0	7527858	7500000	8999999
7	1615874	1	12.0	99	1855	0	0	9145352	9000000	10499999
8	1412288	3	6.0	77	1704	2000	1605	10559495	10500000	11999999
Total number of pulses in waveform = 17										

♀

Waveform Num = 2
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	61654	2	20.0	53	1512	1036	0	61654	0	666666
2	1173919	1	13.0	74	1201	0	0	1238121	666667	1333333
3	176786	2	15.0	88	1707	1011	0	1416108	1333334	2000000
4	1128828	2	19.0	88	1388	1374	0	2547654	2000001	2666667
5	195584	2	5.0	92	1178	1543	0	2746000	2666668	3333334
6	850651	1	9.0	94	1244	0	0	3599372	3333335	4000001
7	1020779	1	13.0	76	1275	0	0	4621395	4000002	4666668
8	289813	3	7.0	64	1267	1788	1850	4912483	4666669	5333335
9	1078517	2	16.0	97	1399	1508	0	5995905	5333336	6000002

New3RandParmBin5 for all bins										
10	583071	1	6.0	93	1804	0	0	6581883	6000003	6666669
11	175566	1	18.0	65	1132	0	0	6759253	6666670	7333336
12	781045	3	5.0	98	1209	1603	1354	7541430	7333337	8000003
13	456241	2	8.0	75	1816	1577	0	8001837	8000004	8666670
14	984568	2	9.0	85	1672	1168	0	8989798	8666671	9333337
15	629295	3	13.0	96	1915	1836	1911	9621933	9333338	10000004
16	484708	1	13.0	95	1388	0	0	10112303	10000005	10666671
17	717141	2	7.0	64	1242	1622	0	10830832	10666672	11333338
18	928681	2	12.0	94	1309	1974	0	11762377	11333339	12000005

Total number of pulses in waveform = 33

Waveform Num = 3
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	309731	1	16.0	63	1086	0	0	309731	0	799999
2	528608	3	20.0	69	1568	1734	1529	839425	800000	1599999
3	1494577	3	20.0	98	1913	1101	1919	2338833	1600000	2399999
4	757475	1	12.0	67	1800	0	0	3101241	2400000	3199999
5	453409	2	7.0	99	1661	1165	0	3556450	3200000	3999999
6	560324	3	17.0	71	1590	1438	1551	4119600	4000000	4799999
7	1337929	3	17.0	86	1307	1576	1518	5462108	4800000	5599999
8	756090	3	5.0	56	1255	1674	1708	6222599	5600000	6399999
9	489251	1	8.0	62	1063	0	0	6716487	6400000	7199999
10	687798	2	11.0	66	1023	1079	0	7405348	7200000	7999999
11	648705	1	20.0	98	1566	0	0	8056155	8000000	8799999
12	1050572	1	13.0	67	1540	0	0	9108293	8800000	9599999
13	1091383	1	9.0	100	1034	0	0	10201216	9600000	10399999
14	878037	3	5.0	100	1422	1482	1482	11080287	10400000	11199999
15	821324	2	19.0	83	1831	1326	0	11905997	11200000	11999999

Total number of pulses in waveform = 30

Waveform Num = 4
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	294878	2	16.0	68	1230	1440	0	294878	0	1333332
2	1245568	1	7.0	76	1009	0	0	1543116	1333333	2666665
3	1760344	1	9.0	93	1310	0	0	3304469	2666666	3999998
4	957510	1	18.0	90	1389	0	0	4263289	3999999	5333331
5	1175464	1	18.0	55	1105	0	0	5440142	5333332	6666664
6	2509888	1	5.0	72	1303	0	0	7951135	6666665	7999997
7	1117848	3	14.0	89	1361	1137	1119	9070286	7999998	9333330
8	731769	1	17.0	63	1239	0	0	9805672	9333331	10666663
9	1910724	2	8.0	58	1145	1669	0	11717635	10666664	11999996

Total number of pulses in waveform = 13

Waveform Num = 5
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	New3RandParmBin5 for all bins			Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
					Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)			
1	927848	3	15.0	65	1078	1376	1746	927848	0	1333332
2	1022672	3	9.0	50	1763	1551	1696	1954720	1333333	2666665
3	1365707	1	16.0	89	1225	0	0	3325437	2666666	3999998
4	1535606	2	9.0	90	1702	1936	0	4862268	3999999	5333331
5	870476	2	11.0	50	1131	1526	0	5736382	5333332	6666664
6	1638551	3	13.0	62	1204	1365	1548	7377590	6666665	7999997
7	898109	2	8.0	82	1265	1440	0	8279816	7999998	9333330
8	1896399	3	20.0	87	1547	1552	1579	10178920	9333331	10666663
9	1761104	2	10.0	59	1321	1815	0	11944702	10666664	11999996

Total number of pulses in waveform = 21

Waveform Num = 6
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	965927	3	7.0	86	1615	1959	1299	965927	0	1090908
2	565812	3	7.0	61	1377	1969	1948	1536612	1090909	2181817
3	1303539	2	14.0	89	1520	1066	0	2845445	2181818	3272726
4	1091277	2	19.0	66	1528	1928	0	3939308	3272727	4363635
5	726650	2	14.0	64	1628	1895	0	4669414	4363636	5454544
6	1293385	2	5.0	91	1265	1751	0	5966322	5454545	6545453
7	1311211	3	5.0	91	1921	1827	1675	7280549	6545454	7636362
8	647727	3	19.0	85	1532	1034	1044	7933699	7636363	8727271
9	901862	1	6.0	55	1283	0	0	8839171	8727272	9818180
10	1927327	2	16.0	59	1725	1435	0	10767781	9818181	10909089
11	570407	2	13.0	70	1118	1312	0	11341348	10909090	11999998

Total number of pulses in waveform = 25

Waveform Num = 7
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	485100	3	12.0	79	1692	1104	1113	485100	0	749999
2	659772	1	17.0	58	1201	0	0	1148781	750000	1499999
3	1022191	1	8.0	59	1186	0	0	2172173	1500000	2249999
4	534939	2	11.0	79	1026	1322	0	2708298	2250000	2999999
5	901596	2	6.0	81	1793	1470	0	3612242	3000000	3749999
6	674467	3	17.0	84	1713	1294	1448	4289972	3750000	4499999
7	857776	3	15.0	53	1743	1499	1802	5152203	4500000	5249999
8	794431	2	11.0	50	1709	1643	0	5951678	5250000	5999999
9	357999	2	14.0	95	1960	1051	0	6313029	6000000	6749999
10	866204	1	13.0	73	1874	0	0	7182244	6750000	7499999
11	362381	1	11.0	81	1999	0	0	7546499	7500000	8249999
12	889924	3	10.0	82	1928	1598	1356	8438422	8250000	8999999
13	742876	1	15.0	64	1471	0	0	9186180	9000000	9749999
14	847901	1	20.0	84	1756	0	0	10035552	9750000	10499999
15	1173604	1	20.0	76	1619	0	0	11210912	10500000	11249999

New3RandParmBin5 for all bins										
607769	1	18.0	72	1809	0	0	11820300	11250000	11999999	
Total number of pulses in waveform = 28										
Waveform Num = 8										
Num of Bursts = 18										
Burst Interval (us) = 666667.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	385235	1	18.0	81	1139	0	0	385235	0	666666
2	521845	1	5.0	79	1106	0	0	908219	666667	1333333
3	651008	3	16.0	67	1607	1687	1853	1560333	1333334	2000000
4	497438	1	8.0	54	1568	0	0	2062918	2000001	2666667
5	1080591	2	7.0	75	1696	1914	0	3145077	2666668	3333334
6	197692	2	13.0	50	1328	1328	0	3346379	3333335	4000001
7	763727	3	6.0	96	1921	1421	1427	4112762	4000002	4666668
8	921459	3	8.0	55	1835	1868	1608	5038990	4666669	5333335
9	517632	1	6.0	55	1479	0	0	5561933	5333336	6000002
10	595376	3	12.0	70	1167	1984	1350	6158788	6000003	6666669
11	1043535	2	6.0	50	1773	1273	0	7206824	6666670	7333336
12	306687	1	8.0	67	1912	0	0	7516557	7333337	8000003
13	718211	2	16.0	61	1331	1416	0	8236680	8000004	8666670
14	587254	1	18.0	99	1332	0	0	8826681	8666671	9333337
15	767592	1	8.0	96	1820	0	0	9595605	9333338	10000004
16	1043184	3	10.0	67	1532	1156	1655	10640609	10000005	10666671
17	317034	2	16.0	62	1375	1905	0	10961986	10666672	11333338
18	614583	1	17.0	64	1922	0	0	11579849	11333339	12000005
Total number of pulses in waveform = 33										
Waveform Num = 9										
Num of Bursts = 10										
Burst Interval (us) = 1200000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	763747	1	11.0	54	1372	0	0	763747	0	1199999
2	464149	2	10.0	89	1457	1965	0	1229268	1200000	2399999
3	1714155	1	5.0	74	1226	0	0	2946845	2400000	3599999
4	987837	2	11.0	94	1982	1228	0	3935908	3600000	4799999
5	1956795	1	5.0	61	1013	0	0	5895913	4800000	5999999
6	1026023	2	15.0	61	1509	1110	0	6922949	6000000	7199999
7	1293139	1	11.0	100	1869	0	0	8218707	7200000	8399999
8	384843	2	7.0	51	1032	1025	0	8605419	8400000	9599999
9	1816485	2	6.0	90	1360	1387	0	10423961	9600000	10799999
10	1495267	2	5.0	50	1212	1876	0	11921975	10800000	11999999
Total number of pulses in waveform = 16										
Waveform Num = 10										
Num of Bursts = 10										
Burst Interval (us) = 1200000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	797087	2	11.0	96	1399	1653	0	797087	0	1199999
2	686704	2	5.0	79	1647	1964	0	1486843	1200000	2399999
3	1572202	3	9.0	74	1227	1042	1653	3062656	2400000	3599999

New3RandParmBin5 for all bins										
4	536185	1	7.0	73	1752	0	0	3602763	3600000	4799999
5	1889894	3	20.0	62	1869	1630	1527	5494409	4800000	5999999
6	1046260	2	9.0	59	1630	1399	0	6545695	6000000	7199999
7	1184753	1	5.0	52	1182	0	0	7733477	7200000	8399999
8	1188990	1	10.0	97	1132	0	0	8923649	8400000	9599999
9	1002839	1	18.0	69	1030	0	0	9927620	9600000	10799999
10	1810593	3	7.0	98	1542	1001	1390	11739243	10800000	11999999

Total number of pulses in waveform = 19

Waveform Num = 11
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	488417	3	15.0	95	1762	1817	1232	488417	0	599999
2	338224	2	18.0	92	1281	1074	0	831452	600000	1199999
3	864265	2	18.0	57	1243	1151	0	1698072	1200000	1799999
4	152079	1	10.0	53	1633	0	0	1852545	1800000	2399999
5	854335	3	12.0	87	1679	1415	1268	2708513	2400000	2999999
6	295745	2	8.0	73	1569	1301	0	3008620	3000000	3599999
7	783556	2	15.0	54	1038	1514	0	3795046	3600000	4199999
8	442164	1	6.0	99	1713	0	0	4239762	4200000	4799999
9	902292	3	12.0	100	1078	1579	1150	5143767	4800000	5399999
10	725996	1	18.0	59	1092	0	0	5873570	5400000	5999999
11	700329	3	18.0	51	1068	1663	1508	6574991	6000000	6599999
12	388975	3	16.0	87	1945	1769	1945	6968205	6600000	7199999
13	448160	2	7.0	66	1093	1531	0	7422024	7200000	7799999
14	807319	2	19.0	96	1118	1941	0	8231967	7800000	8399999
15	648985	1	17.0	76	1103	0	0	8884011	8400000	8999999
16	532569	2	15.0	67	1510	1301	0	9417683	9000000	9599999
17	278215	1	9.0	92	1040	0	0	9698709	9600000	10199999
18	860546	2	5.0	83	1727	1474	0	10560295	10200000	10799999
19	770760	3	9.0	56	1975	1277	1018	11334256	10800000	11399999
20	564673	1	17.0	58	1673	0	0	11903199	11400000	11999999

Total number of pulses in waveform = 40

Waveform Num = 12
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	101126	3	14.0	81	1128	1654	1144	101126	0	799999
2	1420245	3	14.0	75	1089	1010	1271	1525297	800000	1599999
3	533020	3	17.0	74	1351	1768	1898	2061687	1600000	2399999
4	417781	3	11.0	87	1484	1052	1158	2484485	2400000	3199999
5	1418420	2	20.0	93	1605	1787	0	3906599	3200000	3999999
6	768799	3	5.0	97	1570	1242	1983	4678790	4000000	4799999
7	163430	3	15.0	86	1282	1624	1212	4847015	4800000	5599999
8	1414286	1	13.0	70	1484	0	0	6265419	5600000	6399999
9	238662	2	17.0	81	1988	1011	0	6505565	6400000	7199999

New3RandParmBin5 for all bins

10	1214823	1	18.0	78	1380	0	0	7723387	7200000	7999999
11	936361	3	9.0	100	1351	1931	1231	8661128	8000000	8799999
12	259703	3	19.0	77	1242	1773	1039	8925344	8800000	9599999
13	1391139	3	17.0	65	1373	1740	1449	10320537	9600000	10399999
14	214095	2	13.0	50	1233	1809	0	10539194	10400000	11199999
15	1020820	1	14.0	72	1278	0	0	11563056	11200000	11999999

Total number of pulses in waveform = 36

Waveform Num = 13
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	90856	3	16.0	58	1735	1996	1600	90856	0	599999
2	907207	2	17.0	76	1011	1186	0	1003394	600000	1199999
3	492300	3	9.0	53	1623	1999	1780	1497891	1200000	1799999
4	835364	3	10.0	56	1905	1882	1442	2338657	1800000	2399999
5	413605	2	13.0	70	1413	1101	0	2757491	2400000	2999999
6	428784	1	9.0	52	1797	0	0	3188789	3000000	3599999
7	591351	2	10.0	60	1132	1453	0	3781937	3600000	4199999
8	890727	1	12.0	77	1454	0	0	4675249	4200000	4799999
9	652257	1	14.0	88	1636	0	0	5328960	4800000	5399999
10	348824	3	9.0	93	1719	1865	1903	5679420	5400000	5999999
11	396858	3	16.0	90	1709	1173	1896	6081765	6000000	6599999
12	560132	3	15.0	63	1418	1660	1554	6646675	6600000	7199999
13	717875	1	9.0	79	1561	0	0	7369182	7200000	7799999
14	462694	1	19.0	91	1668	0	0	7833437	7800000	8399999
15	583807	2	16.0	75	1812	1689	0	8418912	8400000	8999999
16	598254	3	19.0	51	1782	1745	1386	9020667	9000000	9599999
17	960901	1	19.0	91	1772	0	0	9986481	9600000	10199999
18	673229	2	11.0	57	1440	1923	0	10661482	10200000	10799999
19	257349	1	18.0	94	1387	0	0	10922194	10800000	11399999
20	914276	3	9.0	66	1181	1529	1106	11837857	11400000	11999999

Total number of pulses in waveform = 41

Waveform Num = 14
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	890863	3	15.0	64	1758	1997	1713	890863	0	999999
2	1014087	2	10.0	96	1281	1151	0	1910418	1000000	1999999
3	949039	3	8.0	68	1898	1410	1352	2861889	2000000	2999999
4	935873	3	12.0	70	1643	1718	1111	3802422	3000000	3999999
5	272989	2	11.0	76	1435	1826	0	4079883	4000000	4999999
6	1887940	2	13.0	66	1007	1508	0	5971084	5000000	5999999
7	317212	3	15.0	91	1076	1515	1716	6290811	6000000	6999999
8	1364974	2	10.0	78	1416	1017	0	7660092	7000000	7999999
9	869281	3	16.0	93	1331	1812	1045	8531806	8000000	8999999
10	1431628	2	14.0	73	1744	1556	0	9967622	9000000	9999999

New3RandParmBin5 for all bins										
11	601797	1	5.0	75	1238	0	0	10572719	10000000	10999999
12	607703	2	13.0	66	1006	1371	0	11181660	11000000	11999999
Total number of pulses in waveform = 28										
♀										
Waveform Num = 15										
Num of Bursts = 20										
Burst Interval (us) = 600000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	354191	2	7.0	66	1387	1331	0	354191	0	599999
2	739591	3	9.0	62	1649	1405	1178	1096500	600000	1199999
3	370570	2	10.0	52	1488	1799	0	1471302	1200000	1799999
4	460358	2	11.0	73	1629	1191	0	1934947	1800000	2399999
5	699756	1	13.0	88	1107	0	0	2637523	2400000	2999999
6	629956	1	8.0	98	1697	0	0	3268586	3000000	3599999
7	783901	3	11.0	79	1831	1423	1688	4054184	3600000	4199999
8	611207	1	13.0	57	1371	0	0	4670333	4200000	4799999
9	644591	2	17.0	52	1996	1036	0	5316295	4800000	5399999
10	178048	1	8.0	99	1811	0	0	5497375	5400000	5999999
11	810724	3	14.0	57	1759	1826	1839	6309910	6000000	6599999
12	682305	2	19.0	52	1966	1130	0	6997639	6600000	7199999
13	669798	1	14.0	77	1282	0	0	7670533	7200000	7799999
14	185179	3	16.0	78	1628	1807	1636	7856994	7800000	8399999
15	540538	2	17.0	79	1635	1944	0	8402603	8400000	8999999
16	610475	1	7.0	100	1732	0	0	9016657	9000000	9599999
17	879283	1	14.0	68	1040	0	0	9897672	9600000	10199999
18	356424	3	12.0	88	1456	1209	1721	10255136	10200000	10799999
19	715499	3	14.0	63	1890	1661	1143	10975021	10800000	11399999
20	819957	1	20.0	57	1897	0	0	11799672	11400000	11999999
Total number of pulses in waveform = 38										
♀										
Waveform Num = 16										
Num of Bursts = 15										
Burst Interval (us) = 800000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	348386	2	10.0	97	1130	1589	0	348386	0	799999
2	1218051	2	20.0	99	1705	1980	0	1569156	800000	1599999
3	318945	2	9.0	69	1290	1394	0	1891786	1600000	2399999
4	591136	1	19.0	78	1515	0	0	2485606	2400000	3199999
5	1479425	2	17.0	66	1706	1081	0	3966546	3200000	3999999
6	282379	2	13.0	95	1175	1774	0	4251712	4000000	4799999
7	1145053	1	5.0	83	1069	0	0	5399714	4800000	5599999
8	847585	3	7.0	72	1472	1580	1761	6248368	5600000	6399999
9	549032	3	11.0	96	1694	1600	1306	6802213	6400000	7199999
10	461595	1	10.0	71	1109	0	0	7268408	7200000	7999999
11	998487	3	10.0	59	1309	1979	1779	8268004	8000000	8799999
12	854827	3	15.0	57	1887	1628	1643	9127898	8800000	9599999
13	536337	2	14.0	69	1057	1921	0	9669393	9600000	10399999
14	1044994	2	20.0	72	1331	1279	0	10717365	10400000	11199999

766738
 15 Total number of pulses in waveform = 31
 ♀
 Waveform Num = 17
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	447046	1	14.0	83	1134	0	0	447046	0	631578
2	320214	2	6.0	72	1310	1629	0	768394	631579	1263157
3	553835	3	18.0	67	1370	1284	1379	1325168	1263158	1894736
4	1103397	2	20.0	53	1581	1297	0	2432598	1894737	2526315
5	527800	1	14.0	92	1246	0	0	2963276	2526316	3157894
6	739651	2	17.0	58	1811	1631	0	3704173	3157895	3789473
7	547582	2	13.0	78	1091	1763	0	4255197	3789474	4421052
8	360109	3	5.0	79	1489	1134	1659	4618160	4421053	5052631
9	551219	2	9.0	70	1421	1712	0	5173661	5052632	5684210
10	1028878	3	16.0	57	1816	1964	1843	6205672	5684211	6315789
11	166128	2	17.0	96	1964	1107	0	6377423	6315790	6947368
12	705695	1	8.0	81	1009	0	0	7086189	6947369	7578947
13	954936	2	16.0	95	1134	1953	0	8042134	7578948	8210526
14	763377	3	18.0	51	1859	1177	1049	8808598	8210527	8842105
15	438155	3	19.0	73	1084	1805	1512	9250838	8842106	9473684
16	776194	3	15.0	52	1775	1463	1560	10031433	9473685	10105263
17	74665	3	19.0	75	1707	1065	1123	10110896	10105264	10736842
18	976417	2	14.0	93	1926	1831	0	11091208	10736843	11368421
19	725558	3	12.0	61	1017	1115	1243	11820523	11368422	12000000

15 Total number of pulses in waveform = 43
 ♀
 Waveform Num = 18
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	238189	3	11.0	80	1315	1935	1994	238189	0	799999
2	1211157	1	17.0	76	1954	0	0	1454590	800000	1599999
3	881696	3	14.0	55	1639	1398	1182	2338240	1600000	2399999
4	208046	3	7.0	63	1797	1659	1661	2550505	2400000	3199999
5	774061	1	6.0	88	1470	0	0	3329683	3200000	3999999
6	936324	3	9.0	91	1367	1686	1069	4267477	4000000	4799999
7	723679	2	12.0	88	1129	1409	0	4995278	4800000	5599999
8	1241137	1	10.0	83	1608	0	0	6238953	5600000	6399999
9	291455	2	15.0	83	1541	1851	0	6532016	6400000	7199999
10	842983	1	18.0	56	1978	0	0	7378391	7200000	7999999
11	1155328	3	11.0	90	1502	1467	1331	8535697	8000000	8799999
12	1018989	1	17.0	87	1763	0	0	9558986	8800000	9599999
13	165596	3	16.0	64	1926	1581	1771	9726345	9600000	10399999
14	1211742	1	13.0	86	1289	0	0	10943365	10400000	11199999
15	1005354	2	19.0	52	1941	1343	0	11950008	11200000	11999999

15 Total number of pulses in waveform = 30
 ♀

Waveform Num = 19
Num of Bursts = 14
Burst Interval (us) = 857143.0

New3RandParmBin5 for all bins

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	124900	3	9.0	100	1162	1198	1921	124900	0	857142
2	1409949	1	9.0	93	1167	0	0	1539130	857143	1714285
3	390580	1	14.0	82	1843	0	0	1930877	1714286	2571428
4	1115080	1	14.0	54	1951	0	0	3047800	2571429	3428571
5	939081	1	15.0	97	1475	0	0	3988832	3428572	4285714
6	769525	3	17.0	73	1480	1573	1360	4759832	4285715	5142857
7	432072	1	9.0	100	1119	0	0	5196317	5142858	6000000
8	1530514	3	19.0	76	1852	1657	1134	6727950	6000001	6857143
9	344444	2	19.0	54	1526	1248	0	7077037	6857144	7714286
10	671466	3	19.0	76	1894	1792	1462	7751277	7714287	8571429
11	1079776	1	12.0	82	1922	0	0	8836201	8571430	9428572
12	997695	3	17.0	95	1803	1020	1695	9835818	9428573	10285715
13	773487	1	14.0	100	1190	0	0	10613823	10285716	11142858
14	764715	2	17.0	63	1125	1057	0	11379728	11142859	12000001

Total number of pulses in waveform = 26

Waveform Num = 20
Num of Bursts = 19
Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	389527	1	6.0	83	1921	0	0	389527	0	631578
2	726566	3	20.0	98	1545	1213	1625	1118014	631579	1263157
3	447470	1	8.0	65	1984	0	0	1569867	1263158	1894736
4	837677	3	19.0	78	1045	1356	1232	2409528	1894737	2526315
5	217729	1	20.0	92	1933	0	0	2630890	2526316	3157894
6	1112912	1	20.0	92	1358	0	0	3745735	3157895	3789473
7	357964	1	8.0	80	1473	0	0	4105057	3789474	4421052
8	583595	2	13.0	78	1881	1727	0	4690125	4421053	5052631
9	601530	3	16.0	54	1621	1199	1061	5295263	5052632	5684210
10	424269	2	20.0	56	1398	1344	0	5723413	5684211	6315789
11	999565	3	14.0	96	1001	1706	1422	6725720	6315790	6947368
12	343175	1	13.0	69	1593	0	0	7073024	6947369	7578947
13	961074	1	12.0	56	1342	0	0	8035691	7578948	8210526
14	173773	3	11.0	51	1425	1298	1516	8210806	8210527	8842105
15	966449	2	5.0	57	1979	1066	0	9181494	8842106	9473684
16	506444	2	6.0	78	1705	1652	0	9690983	9473685	10105263
17	893525	1	9.0	81	1944	0	0	10587865	10105264	10736842
18	160644	3	14.0	69	1739	1897	1530	10750453	10736843	11368421
19	628097	3	12.0	90	1081	1548	1520	11383716	11368422	12000000

Total number of pulses in waveform = 37

Waveform Num = 21
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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New3RandParmBin5 for all bins										
1	1185164	1	8.0	79	1218	0	0	1185164	0	1199999
2	273925	2	14.0	93	1479	1878	0	1460307	1200000	2399999
3	1207140	2	10.0	66	1219	1194	0	2670804	2400000	3599999
4	1966146	1	13.0	56	1878	0	0	4639363	3600000	4799999
5	192103	1	15.0	93	1399	0	0	4833344	4800000	5999999
6	1751832	1	18.0	99	1500	0	0	6586575	6000000	7199999
7	1372209	1	6.0	70	1418	0	0	7960284	7200000	8399999
8	771635	1	19.0	89	1571	0	0	8733337	8400000	9599999
9	1372148	2	6.0	77	1954	1140	0	10107056	9600000	10799999
10	985994	1	19.0	90	1134	0	0	11096144	10800000	11999999

Total number of pulses in waveform = 13

♀
Waveform Num = 22
Num of Bursts = 12
Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	636506	1	8.0	72	1098	0	0	636506	0	999999
2	490628	1	6.0	86	1303	0	0	1128232	1000000	1999999
3	1609620	1	20.0	72	1729	0	0	2739155	2000000	2999999
4	797109	2	15.0	65	1596	1806	0	3537993	3000000	3999999
5	1282849	3	6.0	60	1168	1300	1505	4824244	4000000	4999999
6	576468	3	6.0	92	1767	1329	1855	5404685	5000000	5999999
7	714732	3	15.0	69	1509	1355	1857	6124368	6000000	6999999
8	1521415	3	6.0	50	1149	1867	1027	7650504	7000000	7999999
9	818711	1	16.0	57	1940	0	0	8473258	8000000	8999999
10	627427	1	13.0	99	1637	0	0	9102625	9000000	9999999
11	1263793	2	7.0	77	1978	1179	0	10368055	10000000	10999999
12	638828	2	15.0	99	1866	1585	0	11010040	11000000	11999999

Total number of pulses in waveform = 23

♀
Waveform Num = 23
Num of Bursts = 15
Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	683237	3	18.0	91	1229	1132	1032	683237	0	799999
2	246631	2	9.0	94	1403	1638	0	933261	800000	1599999
3	1214236	3	7.0	55	1475	1180	1747	2150538	1600000	2399999
4	1024144	3	20.0	84	1524	1176	1650	3179084	2400000	3199999
5	290658	1	9.0	72	1491	0	0	3474092	3200000	3999999
6	530380	3	9.0	50	1451	1289	1332	4005963	4000000	4799999
7	836367	1	13.0	61	1170	0	0	4846402	4800000	5599999
8	1083349	1	19.0	72	1901	0	0	5930921	5600000	6399999
9	969507	2	8.0	93	1820	1881	0	6902329	6400000	7199999
10	628385	3	17.0	64	1663	1103	1144	7534415	7200000	7999999
11	973700	3	11.0	70	1765	1613	1857	8512025	8000000	8799999
12	293965	1	13.0	94	1269	0	0	8811225	8800000	9599999
13	840407	1	20.0	87	1417	0	0	9652901	9600000	10399999
14	1495395	1	6.0	68	1391	0	0	11149713	10400000	11199999

541946

New3RandParmBin5 for all bins

15 3 5.0 50 1909 1770 1650 11693050 11200000 11999999

Total number of pulses in waveform = 31

♀

Waveform Num = 24

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	261890	3	12.0	71	1012	1618	1097	261890	0	857142
2	756981	2	16.0	68	1551	1617	0	1022598	857143	1714285
3	1265408	2	8.0	85	1490	1982	0	2291174	1714286	2571428
4	841385	2	11.0	75	1669	1280	0	3136031	2571429	3428571
5	908846	2	12.0	73	1930	1421	0	4047826	3428572	4285714
6	601923	2	12.0	52	1942	1764	0	4653100	4285715	5142857
7	968141	2	16.0	67	1820	1159	0	5624947	5142858	6000000
8	1206544	2	20.0	72	1371	1280	0	6834470	6000001	6857143
9	311593	2	7.0	91	1701	1632	0	7148714	6857144	7714286
10	1025925	2	10.0	82	1900	1600	0	8177972	7714287	8571429
11	801192	1	10.0	65	1502	0	0	8982664	8571430	9428572
12	501015	1	6.0	61	1134	0	0	9485181	9428573	10285715
13	1078806	1	11.0	87	1136	0	0	10565121	10285716	11142858
14	978417	1	5.0	68	1194	0	0	11544674	11142859	12000001

Total number of pulses in waveform = 25

♀

Waveform Num = 25

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	555776	2	13.0	78	1452	1468	0	555776	0	599999
2	197201	3	18.0	51	1341	1071	1663	755897	600000	1199999
3	707165	3	10.0	68	1225	1196	1781	1467137	1200000	1799999
4	418826	2	8.0	54	1631	1155	0	1890165	1800000	2399999
5	898389	2	14.0	71	1534	1435	0	2791340	2400000	2999999
6	469609	3	10.0	88	1446	1650	1222	3263918	3000000	3599999
7	757982	3	17.0	72	1858	1673	1765	4026218	3600000	4199999
8	598367	1	20.0	77	1046	0	0	4629881	4200000	4799999
9	414548	1	11.0	52	1753	0	0	5045475	4800000	5399999
10	457213	1	10.0	61	1010	0	0	5504441	5400000	5999999
11	863517	3	12.0	100	1377	1955	1416	6368968	6000000	6599999
12	538303	3	11.0	66	1408	1620	1381	6912019	6600000	7199999
13	571117	3	11.0	80	1021	1136	1836	7487545	7200000	7799999
14	572766	1	12.0	59	1089	0	0	8064304	7800000	8399999
15	364546	3	18.0	57	1361	1644	1745	8429939	8400000	8999999
16	677115	2	14.0	86	1502	1197	0	9111804	9000000	9599999
17	503398	2	15.0	95	1322	1265	0	9617901	9600000	10199999
18	1127527	1	6.0	61	1930	0	0	10748015	10200000	10799999
19	507673	1	10.0	61	1523	0	0	11257618	10800000	11399999
20	245793	1	16.0	64	1177	0	0	11504934	11400000	11999999

Total number of pulses in waveform = 41

♀

New3RandParmBin5 for all bins

Waveform Num = 26
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	502710	1	9.0	88	1024	0	0	502710	0	923076
2	1150295	1	9.0	100	1740	0	0	1654029	923077	1846153
3	250515	1	5.0	53	1151	0	0	1906284	1846154	2769230
4	1028299	1	16.0	82	1154	0	0	2935734	2769231	3692307
5	829247	2	16.0	93	1919	1868	0	3766135	3692308	4615384
6	1364923	2	13.0	61	1047	1164	0	5134845	4615385	5538461
7	517131	1	9.0	83	1553	0	0	5654187	5538462	6461538
8	1476205	3	18.0	84	1626	1534	1007	7131945	6461539	7384615
9	479815	2	7.0	72	1405	1412	0	7615927	7384616	8307692
10	798864	1	20.0	84	1150	0	0	8417608	8307693	9230769
11	893111	2	12.0	51	1843	1080	0	9311869	9230770	10153846
12	1320601	3	15.0	77	1667	1498	1381	10635393	10153847	11076923
13	783619	2	5.0	88	1528	1612	0	11423558	11076924	12000000

Total number of pulses in waveform = 22

Waveform Num = 27
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	50854	1	19.0	65	1727	0	0	50854	0	1333332
2	2106785	1	20.0	61	1301	0	0	2159366	1333333	2666665
3	1556211	1	6.0	52	1546	0	0	3716878	2666666	3999998
4	1478217	3	8.0	83	1867	1378	1919	5196641	3999999	5333331
5	962287	2	12.0	53	1264	1806	0	6164092	5333332	6666664
6	748624	3	12.0	51	1186	1659	1909	6915786	6666665	7999997
7	2273778	1	8.0	61	1814	0	0	9194318	7999998	9333330
8	785472	2	14.0	54	1087	1006	0	9981604	9333331	10666663
9	1149186	3	6.0	69	1704	1239	1589	11132883	10666664	11999996

Total number of pulses in waveform = 17

Waveform Num = 28
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	987760	1	16.0	97	1420	0	0	987760	0	1333332
2	517912	2	9.0	79	1085	1335	0	1507092	1333333	2666665
3	2243793	2	17.0	97	1635	1237	0	3753305	2666666	3999998
4	578382	2	6.0	88	1040	1133	0	4334559	3999999	5333331
5	1878641	1	16.0	78	1972	0	0	6215373	5333332	6666664
6	1184978	1	13.0	81	1747	0	0	7402323	6666665	7999997
7	1038385	3	15.0	69	1460	1480	1177	8442455	7999998	9333330
8	2085868	2	18.0	95	1475	1316	0	10532440	9333331	10666663
9	1192841	1	8.0	60	1013	0	0	11728072	10666664	11999996

Total number of pulses in waveform = 15

Waveform Num = 29
 Num of Bursts = 17

New3RandParmBin5 for all bins

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	273457	3	7.0	76	1130	1701	1944	273457	0	705881
2	1061304	3	11.0	57	1839	1486	1325	1339536	705882	1411763
3	445938	1	16.0	78	1442	0	0	1790124	1411764	2117645
4	357863	1	15.0	52	1487	0	0	2149429	2117646	2823527
5	1065295	2	8.0	100	1111	1615	0	3216211	2823528	3529409
6	905655	2	10.0	51	1748	1720	0	4124592	3529410	4235291
7	681865	1	13.0	65	1711	0	0	4809925	4235292	4941173
8	808095	3	18.0	80	1970	1765	1924	5619731	4941174	5647055
9	276556	1	9.0	57	1252	0	0	5901946	5647056	6352937
10	482439	1	16.0	63	1846	0	0	6385637	6352938	7058819
11	1349083	1	15.0	64	1598	0	0	7736566	7058820	7764701
12	611198	1	19.0	78	1105	0	0	8349362	7764702	8470583
13	492857	1	8.0	68	1870	0	0	8843324	8470584	9176465
14	663379	3	5.0	87	1318	1731	1701	9508573	9176466	9882347
15	732590	1	12.0	52	1950	0	0	10245913	9882348	10588229
16	860980	2	11.0	96	1918	1735	0	11108843	10588230	11294111
17	406483	3	10.0	66	1342	1730	1336	11518979	11294112	11999993

Total number of pulses in waveform = 30

Waveform Num = 30
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	557308	3	17.0	92	1552	1210	1722	557308	0	857142
2	680446	1	10.0	83	1318	0	0	1242238	857143	1714285
3	1278344	2	5.0	87	1298	1309	0	2521900	1714286	2571428
4	132101	3	9.0	62	1534	1112	1714	2656608	2571429	3428571
5	1356310	2	7.0	73	1559	1625	0	4017278	3428572	4285714
6	653337	1	15.0	50	1106	0	0	4673799	4285715	5142857
7	1263627	1	6.0	82	1553	0	0	5938532	5142858	6000000
8	393747	1	20.0	86	1629	0	0	6333832	6000001	6857143
9	547589	3	6.0	79	1013	1014	1587	6883050	6857144	7714286
10	1138709	2	7.0	66	1242	1472	0	8025373	7714287	8571429
11	700942	3	19.0	93	1980	1501	1570	8729029	8571430	9428572
12	1531022	1	15.0	52	1801	0	0	10265102	9428573	10285715
13	161993	3	9.0	68	1527	1849	1844	10428896	10285716	11142858
14	1376070	2	19.0	56	1590	1262	0	11810186	11142859	12000001

Total number of pulses in waveform = 28

50MHz Bandwidth

Random DFS waveform parameters (NewBin5) 11-Jun-2015 16:03:16

Waveform Num = 1
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1028463									

New3RandParmBin5 for all bins										
1		3	15.0	75	1880	1854	1845	1028463	0	1199999
2	1183209	3	10.0	96	1526	1847	1567	2217251	1200000	2399999
3	704051	1	11.0	94	1086	0	0	2926242	2400000	3599999
4	1305634	2	19.0	75	1977	1282	0	4232962	3600000	4799999
5	1402442	1	14.0	87	1006	0	0	5638663	4800000	5999999
6	656888	2	7.0	89	1907	1295	0	6296557	6000000	7199999
7	1412744	1	19.0	53	1799	0	0	7712503	7200000	8399999
8	1248854	2	18.0	86	1809	1722	0	8963156	8400000	9599999
9	1711604	3	12.0	84	1767	1157	1721	10678291	9600000	10799999
10	1260485	2	20.0	53	1419	1180	0	11943421	10800000	11999999

Total number of pulses in waveform = 20

Waveform Num = 2
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	276220	3	16.0	52	1960	1685	1488	276220	0	923076
2	1133104	3	11.0	83	1441	1734	1305	1414457	923077	1846153
3	1301757	2	20.0	79	1165	1311	0	2720694	1846154	2769230
4	226433	1	15.0	59	1315	0	0	2949603	2769231	3692307
5	867030	3	11.0	68	1469	1160	1303	3817948	3692308	4615384
6	1709078	3	19.0	86	1012	1672	1684	5530958	4615385	5538461
7	299840	2	13.0	69	1602	1274	0	5835166	5538462	6461538
8	998870	1	16.0	80	1772	0	0	6836912	6461539	7384615
9	737901	1	19.0	76	1592	0	0	7576585	7384616	8307692
10	1448436	3	11.0	98	1862	1150	1104	9026613	8307693	9230769
11	486178	2	5.0	94	1282	1468	0	9516907	9230770	10153846
12	1234696	2	8.0	66	1574	1698	0	10754353	10153847	11076923
13	895455	1	11.0	69	1016	0	0	11653080	11076924	12000000

Total number of pulses in waveform = 27

Waveform Num = 3
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	198595	1	14.0	65	1440	0	0	198595	0	749999
2	870252	2	6.0	61	1755	1952	0	1070287	750000	1499999
3	564841	3	15.0	86	1002	1288	1110	1638835	1500000	2249999
4	997856	2	10.0	88	1277	1225	0	2640091	2250000	2999999
5	804769	3	8.0	60	1366	1088	1528	3447362	3000000	3749999
6	762927	1	10.0	65	1954	0	0	4214271	3750000	4499999
7	891904	3	17.0	56	1654	1378	1867	5108129	4500000	5249999
8	529442	2	7.0	50	1899	1041	0	5642470	5250000	5999999
9	897203	3	19.0	86	1212	1579	1172	6542613	6000000	6749999
10	664794	2	5.0	90	1879	1183	0	7211370	6750000	7499999
11	491540	2	20.0	90	1322	1983	0	7705972	7500000	8249999
12	960211	3	12.0	86	1264	1169	1524	8669488	8250000	8999999
13	383900	2	15.0	92	1565	1185	0	9057345	9000000	9749999
	751493									

14		2	17.0	80	1076	New3RandParmBin5 for all bins 1141 0 9811588	9750000	10499999
15	1090435	1	12.0	50	1956	0 0 10904240	10500000	11249999
16	888133	2	15.0	77	1449	1530 0 11794329	11250000	11999999

Total number of pulses in waveform = 34

♀
Waveform Num = 4
Num of Bursts = 16
Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	606513	1	9.0	62	1261	0	0	606513	0	749999
2	621126	3	14.0	66	1162	1341	1717	1228900	750000	1499999
3	541618	1	7.0	60	1080	0	0	1774738	1500000	2249999
4	806293	3	7.0	99	1792	1683	1113	2582111	2250000	2999999
5	979671	2	17.0	75	1705	1983	0	3566370	3000000	3749999
6	186242	3	17.0	95	1922	1695	1193	3756300	3750000	4499999
7	1010008	1	16.0	93	1509	0	0	4771118	4500000	5249999
8	763042	3	16.0	51	1688	1043	1645	5535669	5250000	5999999
9	965389	1	20.0	95	1755	0	0	6505434	6000000	6749999
10	696485	2	13.0	63	1971	1058	0	7203674	6750000	7499999
11	786625	2	10.0	75	1715	1768	0	7993328	7500000	8249999
12	866855	2	10.0	57	1062	1336	0	8863666	8250000	8999999
13	421740	3	12.0	78	1324	1639	1374	9287804	9000000	9749999
14	528965	2	10.0	72	1591	1248	0	9821106	9750000	10499999
15	733565	1	5.0	90	1340	0	0	10557510	10500000	11249999
16	743306	2	13.0	68	1362	1329	0	11302156	11250000	11999999

Total number of pulses in waveform = 32

♀
Waveform Num = 5
Num of Bursts = 8
Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	56218	3	11.0	84	1698	1467	1388	56218	0	1499999
2	2025471	2	7.0	92	1872	1809	0	2086242	1500000	2999999
3	2247054	1	20.0	95	1388	0	0	4336977	3000000	4499999
4	331535	3	17.0	69	1154	1734	1317	4669900	4500000	5999999
5	1896774	3	19.0	98	1872	1555	1551	6570879	6000000	7499999
6	1173162	1	6.0	94	1228	0	0	7749019	7500000	8999999
7	2280269	1	5.0	93	1912	0	0	10030516	9000000	10499999
8	1680637	1	8.0	68	1437	0	0	11713065	10500000	11999999

Total number of pulses in waveform = 15

♀
Waveform Num = 6
Num of Bursts = 19
Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	348025	1	19.0	94	1261	0	0	348025	0	631578
2	873194	1	7.0	57	1970	0	0	1222480	631579	1263157
3	542246	3	14.0	98	1941	1953	1141	1766696	1263158	1894736
4	330660	2	17.0	73	1895	1366	0	2102391	1894737	2526315
5	570491	1	18.0	50	1724	0	0	2676143	2526316	3157894
	797239									

						New3RandParmBin5 for all bins				
6		1	8.0	67	1878	0	0	3475106	3157895	3789473
7	559230	1	6.0	56	1063	0	0	4036214	3789474	4421052
8	390278	1	10.0	54	1812	0	0	4427555	4421053	5052631
9	1154777	2	5.0	98	1556	1407	0	5584144	5052632	5684210
10	532745	1	11.0	79	1093	0	0	6119852	5684211	6315789
11	470074	3	14.0	99	1330	1162	1277	6591019	6315790	6947368
12	550044	1	5.0	95	1888	0	0	7144832	6947369	7578947
13	932371	3	13.0	58	1242	1331	1157	8079091	7578948	8210526
14	197597	1	18.0	98	1480	0	0	8280418	8210527	8842105
15	798237	2	11.0	72	1339	1814	0	9080135	8842106	9473684
16	439940	2	8.0	79	1657	1433	0	9523228	9473685	10105263
17	606362	1	14.0	99	1554	0	0	10132680	10105264	10736842
18	605714	2	9.0	89	1411	1519	0	10739948	10736843	11368421
19	1243976	2	10.0	63	1761	1055	0	11986854	11368422	12000000

Total number of pulses in waveform = 31

Waveform Num = 7
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	609508	3	8.0	88	1645	1871	1572	609508	0	749999
2	678434	1	18.0	81	1603	0	0	1293030	750000	1499999
3	206060	1	6.0	98	1727	0	0	1500693	1500000	2249999
4	920590	2	8.0	51	1539	1609	0	2423010	2250000	2999999
5	1154538	1	14.0	95	1739	0	0	3580696	3000000	3749999
6	621524	2	14.0	59	1136	1667	0	4203959	3750000	4499999
7	961301	1	9.0	60	1679	0	0	5168063	4500000	5249999
8	419304	2	17.0	87	1923	1193	0	5589046	5250000	5999999
9	1079269	3	7.0	87	1763	1680	1501	6671431	6000000	6749999
10	661279	1	12.0	56	1423	0	0	7337654	6750000	7499999
11	499232	2	20.0	50	1882	1487	0	7838309	7500000	8249999
12	794893	1	10.0	99	1908	0	0	8636571	8250000	8999999
13	987845	3	15.0	91	1968	1184	1341	9626324	9000000	9749999
14	499673	3	17.0	82	1024	1316	1613	10130490	9750000	10499999
15	1053035	2	16.0	93	1463	1644	0	11187478	10500000	11249999
16	527989	1	20.0	90	1101	0	0	11718574	11250000	11999999

Total number of pulses in waveform = 29

Waveform Num = 8
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1175637	2	5.0	80	1523	1517	0	1175637	0	1199999
2	202160	3	7.0	87	1461	1632	1175	1380837	1200000	2399999
3	1931775	3	7.0	72	1890	1566	1572	3316880	2400000	3599999
4	409851	1	7.0	65	1857	0	0	3731759	3600000	4799999
5	1934236	2	19.0	89	1716	1008	0	5667852	4800000	5999999
6	1495994	3	12.0	62	1184	1983	1533	7166570	6000000	7199999
	812803									

7 3 14.0 69 1996 New3RandParmBin5 for all bins 1757 1749 7984073 7200000 8399999
 8 914315 2 19.0 74 1906 1216 0 8903890 8400000 9599999
 9 1762657 2 14.0 91 1735 1850 0 10669669 9600000 10799999
 10 1237048 3 18.0 79 1319 1009 1677 11910302 10800000 11999999
 Total number of pulses in waveform = 24

♀
 Waveform Num = 9
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	965305	1	12.0	95	1589	0	0	965305	0	1199999
2	435707	2	11.0	99	1499	1356	0	1402601	1200000	2399999
3	1758620	1	17.0	98	1717	0	0	3164076	2400000	3599999
4	1432403	1	13.0	100	1384	0	0	4598196	3600000	4799999
5	1272851	2	17.0	51	1178	1158	0	5872431	4800000	5999999
6	1104704	3	16.0	72	1344	1495	1788	6979471	6000000	7199999
7	919507	2	13.0	96	1003	1799	0	7903605	7200000	8399999
8	813113	3	18.0	84	1325	1965	1753	8719520	8400000	9599999
9	1656108	3	18.0	68	1618	1616	1869	10380671	9600000	10799999
10	1052949	3	11.0	73	1949	1892	1171	11438723	10800000	11999999

Total number of pulses in waveform = 21

♀
 Waveform Num = 10
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	767320	2	16.0	94	1314	1233	0	767320	0	999999
2	236230	3	6.0	75	1430	1502	1052	1006097	1000000	1999999
3	1841623	1	12.0	100	1656	0	0	2851704	2000000	2999999
4	289223	1	8.0	56	1815	0	0	3142583	3000000	3999999
5	1595197	1	17.0	71	1942	0	0	4739595	4000000	4999999
6	1174884	2	6.0	77	1021	1574	0	5916421	5000000	5999999
7	784827	1	12.0	68	1513	0	0	6703843	6000000	6999999
8	953300	3	14.0	92	1772	1475	1607	7658656	7000000	7999999
9	724082	3	6.0	96	1492	1784	1220	8387592	8000000	8999999
10	1243401	2	18.0	76	1508	1130	0	9635489	9000000	9999999
11	1050235	2	19.0	65	1914	1754	0	10688362	10000000	10999999
12	1094130	3	18.0	92	1026	1455	1298	11786160	11000000	11999999

Total number of pulses in waveform = 24

♀
 Waveform Num = 11
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	263577	3	11.0	50	1455	1757	1835	263577	0	799999
2	1117844	1	14.0	87	1717	0	0	1386468	800000	1599999
3	725773	3	5.0	62	1749	1488	1582	2113958	1600000	2399999
4	662748	3	5.0	62	1759	1132	1256	2781525	2400000	3199999
5	1003428	2	10.0	83	1625	1403	0	3789100	3200000	3999999
6	496846	1	13.0	76	1264	0	0	4288974	4000000	4799999
	1234286									

						New3RandParmBin5 for all bins				
7		2	14.0	97	1959	1778	0	5524524	4800000	5599999
8	237356	2	12.0	60	1994	1354	0	5765617	5600000	6399999
9	756661	2	9.0	66	1444	1258	0	6525626	6400000	7199999
10	1043583	2	18.0	79	1066	1051	0	7571911	7200000	7999999
11	978735	1	14.0	90	1828	0	0	8552763	8000000	8799999
12	296312	3	16.0	79	1438	1988	1905	8850903	8800000	9599999
13	983102	1	9.0	98	1441	0	0	9839336	9600000	10399999
14	587317	2	18.0	70	1218	1839	0	10428094	10400000	11199999
15	1015561	1	15.0	72	1255	0	0	11446712	11200000	11999999

Total number of pulses in waveform = 29

♀

Waveform Num = 12

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	624802	1	14.0	96	1957	0	0	624802	0	666666
2	223985	1	20.0	71	1882	0	0	850744	666667	1333333
3	630972	1	12.0	88	1422	0	0	1483598	1333334	2000000
4	1107569	1	10.0	78	1636	0	0	2592589	2000001	2666667
5	663642	3	6.0	60	1653	1256	1088	3257867	2666668	3333334
6	311369	2	16.0	52	1055	1978	0	3573233	3333335	4000001
7	1054506	1	17.0	61	1024	0	0	4630772	4000002	4666668
8	173395	2	6.0	69	1718	1564	0	4805191	4666669	5333335
9	1105251	2	13.0	56	1697	1967	0	5913724	5333336	6000002
10	442205	1	14.0	66	1270	0	0	6359593	6000003	6666669
11	649729	3	17.0	89	1948	1107	1941	7010592	6666670	7333336
12	821575	1	18.0	74	1032	0	0	7837163	7333337	8000003
13	421650	1	17.0	83	1294	0	0	8259845	8000004	8666670
14	895498	2	19.0	66	1538	1633	0	9156637	8666671	9333337
15	611557	1	20.0	91	1524	0	0	9771365	9333338	10000004
16	783077	3	11.0	52	1412	1198	1546	10555966	10000005	10666671
17	657421	1	14.0	84	1894	0	0	11217543	10666672	11333338
18	217095	3	16.0	81	1109	1232	1047	11436532	11333339	12000005

Total number of pulses in waveform = 30

♀

Waveform Num = 13

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	603577	2	15.0	81	1865	1069	0	603577	0	666666
2	122764	3	13.0	82	1029	1753	1329	729275	666667	1333333
3	1126636	1	10.0	75	1796	0	0	1860022	1333334	2000000
4	533220	1	16.0	75	1406	0	0	2395038	2000001	2666667
5	464765	1	5.0	95	1709	0	0	2861209	2666668	3333334
6	625593	3	5.0	60	1646	1913	1837	3488511	3333335	4000001
7	783247	1	5.0	53	1550	0	0	4277154	4000002	4666668
8	630899	3	15.0	99	1394	1554	1958	4909603	4666669	5333335
9	892991	3	18.0	63	1468	1354	1694	5807500	5333336	6000002
	429115									

New3RandParmBin5 for all bins										
10		1	15.0	95	1319	0	0	6241131	6000003	6666669
	708976									
11		1	20.0	56	1428	0	0	6951426	6666670	7333336
	488363									
12		3	8.0	58	1946	1198	1494	7441217	7333337	8000003
	713567									
13		2	12.0	90	1450	1792	0	8159422	8000004	8666670
	906162									
14		3	20.0	71	1461	1791	1855	9068826	8666671	9333337
	861912									
15		3	20.0	66	1945	1782	1454	9935845	9333338	10000004
	274149									
16		2	7.0	90	1577	1407	0	10215175	10000005	10666671
	451056									
17		1	19.0	74	1000	0	0	10669215	10666672	11333338
	979858									
18		3	10.0	72	1624	1395	1049	11650073	11333339	12000005

Total number of pulses in waveform = 37

♀

Waveform Num = 14

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	144794	1	10.0	64	1577	0	0	144794	0	666666
	998246									
2	613848	2	15.0	69	1552	1747	0	1144617	666667	1333333
3	567195	1	17.0	51	1185	0	0	1761764	1333334	2000000
4	643262	2	11.0	99	1987	1247	0	2330144	2000001	2666667
5	510239	3	20.0	94	1735	1285	1354	2976640	2666668	3333334
6	730087	3	12.0	66	1767	1449	1187	3491253	3333335	4000001
7	961273	3	16.0	70	1803	1360	1877	4225743	4000002	4666668
8	138290	2	7.0	71	1605	1775	0	5192056	4666669	5333335
9	979220	2	16.0	76	1993	1319	0	5333726	5333336	6000002
10	912966	1	8.0	58	1381	0	0	6316258	6000003	6666669
11	559659	1	7.0	73	1955	0	0	7230605	6666670	7333336
12	395006	1	12.0	80	1389	0	0	7792219	7333337	8000003
13	1079527	2	7.0	100	1407	1291	0	8188614	8000004	8666670
14	346885	2	16.0	100	1027	1010	0	9270839	8666671	9333337
15	683808	3	19.0	75	1149	1027	1173	9619761	9333338	10000004
16	735567	1	20.0	62	1690	0	0	10306918	10000005	10666671
17	873778	3	14.0	93	1372	1934	1459	11044175	10666672	11333338
18		3	16.0	80	1349	1597	1513	11922718	11333339	12000005

Total number of pulses in waveform = 36

♀

Waveform Num = 15

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	583121	3	13.0	76	1973	1899	1269	583121	0	1499999
	2314391									
2	792241	1	16.0	98	1565	0	0	2902653	1500000	2999999
3	910707	3	11.0	56	1419	1887	1828	3696459	3000000	4499999
4	2572174	1	12.0	92	1195	0	0	4612300	4500000	5999999
5	782710	1	20.0	56	1665	0	0	7185669	6000000	7499999
6	2064029	1	16.0	89	1773	0	0	7970044	7500000	8999999
7	918972	3	8.0	66	1145	1455	1516	10035846	9000000	10499999
8		2	11.0	78	1978	1003	0	10958934	10500000	11999999

Total number of pulses in waveform = 15

♀

Waveform Num = 16

New3RandParmBin5 for all bins

Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	707988	2	6.0	68	1915	1510	0	707988	0	749999
2	471535	2	13.0	85	1144	1591	0	1182948	750000	1499999
3	756482	1	8.0	55	1185	0	0	1942165	1500000	2249999
4	713535	2	5.0	69	1052	1930	0	2656885	2250000	2999999
5	522052	3	8.0	93	1147	1967	1628	3181919	3000000	3749999
6	995627	1	15.0	65	1097	0	0	4182288	3750000	4499999
7	545229	1	16.0	57	1458	0	0	4728614	4500000	5249999
8	597486	2	8.0	60	1543	1682	0	5327558	5250000	5999999
9	1019460	3	5.0	51	1256	1391	1384	6350243	6000000	6749999
10	458835	2	15.0	68	1926	1506	0	6813109	6750000	7499999
11	809557	2	15.0	65	1131	1404	0	7626098	7500000	8249999
12	807444	2	8.0	62	1473	1524	0	8436077	8250000	8999999
13	1164635	2	14.0	94	1235	1453	0	9603709	9000000	9749999
14	579237	2	19.0	83	1567	1013	0	10185634	9750000	10499999
15	446547	2	6.0	78	1469	1385	0	10634761	10500000	11249999
16	1331976	1	18.0	85	1705	0	0	11969591	11250000	11999999

Total number of pulses in waveform = 30

♀
 Waveform Num = 17
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	789588	3	9.0	91	1558	1915	1441	789588	0	799999
2	513210	1	13.0	86	1901	0	0	1307712	800000	1599999
3	817110	2	10.0	82	1209	1301	0	2126723	1600000	2399999
4	664360	1	19.0	99	1692	0	0	2793593	2400000	3199999
5	776621	1	9.0	95	1305	0	0	3571906	3200000	3999999
6	580224	3	18.0	88	1467	1392	1523	4153435	4000000	4799999
7	642698	1	15.0	90	1896	0	0	4800515	4800000	5599999
8	1119271	2	5.0	79	1696	1921	0	5921682	5600000	6399999
9	1004188	1	11.0	52	1269	0	0	6929487	6400000	7199999
10	898597	3	15.0	82	1363	1980	1884	7829353	7200000	7999999
11	771697	1	19.0	62	1203	0	0	8606277	8000000	8799999
12	868901	2	8.0	50	1465	1320	0	9476381	8800000	9599999
13	314078	2	12.0	55	1857	1547	0	9793244	9600000	10399999
14	1140877	3	17.0	71	1879	1412	1146	10937525	10400000	11199999
15	987508	3	7.0	60	1568	1218	1914	11929470	11200000	11999999

Total number of pulses in waveform = 29

♀
 Waveform Num = 18
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	103361	3	7.0	56	1363	1194	1353	103361	0	631578
2	1116109	1	7.0	98	1516	0	0	1223380	631579	1263157
	519927									

New3RandParmBin5 for all bins										
3	295979	3	12.0	83	1941	1955	1248	1744823	1263158	1894736
4	821307	2	14.0	81	1292	1534	0	2045946	1894737	2526315
5	740661	3	20.0	86	1887	1093	1471	2870079	2526316	3157894
6	639967	2	18.0	55	1450	1363	0	3615191	3157895	3789473
7	333194	1	5.0	61	1341	0	0	4257971	3789474	4421052
8	701167	3	9.0	88	1446	1435	1654	4592506	4421053	5052631
9	719334	3	14.0	76	1929	1540	1237	5298208	5052632	5684210
10	443957	3	19.0	83	1078	1249	1178	6022248	5684211	6315789
11	721163	3	10.0	86	1537	1783	1058	6469710	6315790	6947368
12	437020	2	6.0	92	1976	1902	0	7195251	6947369	7578947
13	1199126	3	17.0	73	1315	1465	1009	7636149	7578948	8210526
14	100537	2	13.0	54	1811	1204	0	8839064	8210527	8842105
15	932003	2	17.0	75	1895	1035	0	8942616	8842106	9473684
16	600816	2	13.0	80	1501	1386	0	9877549	9473685	10105263
17	417177	2	8.0	50	1534	1792	0	10481252	10105264	10736842
18	1026550	1	19.0	77	1413	0	0	10901755	10736843	11368421
19		3	11.0	94	1338	1413	1911	11929718	11368422	12000000

Total number of pulses in waveform = 44

Waveform Num = 19
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	343620	2	12.0	83	1868	1855	0	343620	0	666666
2	405924	3	17.0	52	1602	1597	1857	753267	666667	1333333
3	1022985	3	20.0	80	1357	1486	1170	1781308	1333334	2000000
4	490231	3	13.0	79	1885	1215	1889	2275552	2000001	2666667
5	923004	2	18.0	67	1956	1646	0	3203545	2666668	3333334
6	522067	1	14.0	92	1329	0	0	3729214	3333335	4000001
7	909480	2	15.0	71	1963	1662	0	4640023	4000002	4666668
8	499540	3	5.0	51	1640	1617	1403	5143188	4666669	5333335
9	394556	3	15.0	61	1977	1959	1159	5542404	5333336	6000002
10	694629	1	5.0	64	1430	0	0	6242128	6000003	6666669
11	710848	1	18.0	98	1030	0	0	6954406	6666670	7333336
12	576050	2	16.0	98	1254	1281	0	7531486	7333337	8000003
13	892570	2	20.0	69	1118	1461	0	8426591	8000004	8666670
14	382169	2	19.0	97	1364	1102	0	8811339	8666671	9333337
15	573805	2	5.0	54	1805	1247	0	9387610	9333338	10000004
16	996821	2	15.0	72	1954	1828	0	10387483	10000005	10666671
17	601497	3	20.0	83	1682	1520	1744	10992762	10666672	11333338
18	730736	1	18.0	70	1580	0	0	11728444	11333339	12000005

Total number of pulses in waveform = 38

Waveform Num = 20
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	463196	1	13.0	61	1862	0	0	463196	0	923076
	840753									

New3RandParmBin5 for all bins										
2		2	5.0	90	1563	1472	0	1305811	923077	1846153
3	540333	3	19.0	87	1281	1091	1541	1849179	1846154	2769230
4	1360454	2	15.0	81	1042	1746	0	3213546	2769231	3692307
5	998014	2	7.0	86	1660	1179	0	4214348	3692308	4615384
6	924497	3	11.0	50	1505	1132	1344	5141684	4615385	5538461
7	1215629	2	7.0	93	1208	1262	0	6361294	5538462	6461538
8	730647	3	20.0	94	1399	1704	1584	7094411	6461539	7384615
9	740795	2	18.0	53	1894	1066	0	7839893	7384616	8307692
10	1106214	1	20.0	50	1887	0	0	8949067	8307693	9230769
11	509277	3	12.0	54	1424	1331	1255	9460231	9230770	10153846
12	1066692	2	6.0	71	1556	1018	0	10530933	10153847	11076923
13	619931	2	10.0	75	1839	1840	0	11153438	11076924	12000000

Total number of pulses in waveform = 28

Waveform Num = 21
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	947599	3	6.0	96	1162	1488	1310	947599	0	1199999
2	873178	3	11.0	92	1927	1835	1969	1824737	1200000	2399999
3	1630177	1	7.0	93	1263	0	0	3460645	2400000	3599999
4	271286	1	5.0	52	1389	0	0	3733194	3600000	4799999
5	1935234	3	16.0	81	1135	1533	1744	5669817	4800000	5999999
6	449956	3	18.0	59	1549	1560	1360	6124185	6000000	7199999
7	1466898	1	13.0	80	1837	0	0	7595552	7200000	8399999
8	1267032	2	7.0	70	1993	1905	0	8864421	8400000	9599999
9	1459659	3	7.0	93	1068	1784	1297	10327978	9600000	10799999
10	1053197	3	20.0	81	1082	1138	1986	11385324	10800000	11999999

Total number of pulses in waveform = 23

Waveform Num = 22
Num of Bursts = 11
Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	117055	1	9.0	89	1048	0	0	117055	0	1090908
2	1821922	2	8.0	76	1698	1213	0	1940025	1090909	2181817
3	955444	3	11.0	68	1117	1778	1357	2898380	2181818	3272726
4	935475	1	8.0	60	1218	0	0	3838107	3272727	4363635
5	919914	3	16.0	93	1778	1532	1037	4759239	4363636	5454544
6	1416193	1	6.0	96	1076	0	0	6179779	5454545	6545453
7	530509	3	10.0	60	1154	1643	1809	6711364	6545454	7636362
8	1817488	1	17.0	83	1832	0	0	8533458	7636363	8727271
9	1221210	2	8.0	79	1587	1034	0	9756500	8727272	9818180
10	946218	2	10.0	76	1762	1819	0	10705339	9818181	10909089
11	1167878	2	6.0	84	1023	1720	0	11876798	10909090	11999998

Total number of pulses in waveform = 21

Waveform Num = 23
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
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#	(us)	Pulses	(MHz)	(us)	Pri(us)	New3RandParmBin5 for all bins			Interval(us)	Interval(us)
						Pri(us)	Pri(us)	(us)		
1	200377	3	17.0	73	1621	1796	1318	200377	0	1199999
2	1825892	1	16.0	74	1330	0	0	2031004	1200000	2399999
3	1340830	3	15.0	60	1411	1386	1907	3373164	2400000	3599999
4	264615	3	7.0	72	1617	1789	1601	3642483	3600000	4799999
5	2288866	2	14.0	81	1493	1615	0	5936356	4800000	5999999
6	901772	2	6.0	70	1942	1784	0	6841236	6000000	7199999
7	1286072	1	17.0	94	1231	0	0	8131034	7200000	8399999
8	1080364	1	15.0	97	1647	0	0	9212629	8400000	9599999
9	1230353	1	8.0	98	1533	0	0	10444629	9600000	10799999
10	1200386	1	8.0	87	1936	0	0	11646548	10800000	11999999

Total number of pulses in waveform = 18

Waveform Num = 24
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	384286	1	8.0	89	1650	0	0	384286	0	1199999
2	1599724	3	15.0	57	1210	1472	1719	1985660	1200000	2399999
3	1464671	2	20.0	98	1232	1246	0	3454732	2400000	3599999
4	988539	3	12.0	99	1159	1760	1861	4445749	3600000	4799999
5	1292316	3	17.0	51	1043	1516	1576	5742845	4800000	5999999
6	1215534	3	12.0	73	1956	1423	1085	6962514	6000000	7199999
7	910428	3	12.0	53	1618	1732	1244	7877406	7200000	8399999
8	1430156	1	6.0	54	1304	0	0	9312156	8400000	9599999
9	1026921	1	13.0	86	1661	0	0	10340381	9600000	10799999
10	1653958	2	14.0	64	1242	1617	0	11996000	10800000	11999999

Total number of pulses in waveform = 22

Waveform Num = 25
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1069468	3	11.0	78	1055	1249	1127	1069468	0	1333332
2	1174819	3	5.0	62	1584	1046	1838	2247718	1333333	2666665
3	1651406	3	17.0	93	1575	1785	1030	3903592	2666666	3999998
4	270968	3	11.0	92	1020	1033	1707	4178950	3999999	5333331
5	2080799	1	13.0	80	1914	0	0	6263509	5333332	6666664
6	1581725	2	15.0	97	1770	1400	0	7847148	6666665	7999997
7	1109785	2	11.0	94	1705	1239	0	8960103	7999998	9333330
8	1392336	1	14.0	51	1136	0	0	10355383	9333331	10666663
9	1108332	2	13.0	57	1249	1857	0	11464851	10666664	11999996

Total number of pulses in waveform = 20

Waveform Num = 26
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	127405	2	13.0	67	1326	1324	0	127405	0	599999
2	898763	3	16.0	72	1070	1539	1003	1028818	600000	1199999
	615127									

New3RandParmBin5 for all bins										
3	502346	3	13.0	55	1750	1190	1282	1647557	1200000	1799999
4	713743	1	20.0	68	1627	0	0	2154125	1800000	2399999
5	484394	3	17.0	84	1882	1676	1236	2869495	2400000	2999999
6	689826	1	17.0	93	1928	0	0	3358683	3000000	3599999
7	446927	3	14.0	64	1325	1065	1042	4050437	3600000	4199999
8	550357	3	12.0	95	1162	1376	1310	4500796	4200000	4799999
9	662399	2	15.0	68	1422	1636	0	5055001	4800000	5399999
10	296170	1	5.0	80	1358	0	0	5720458	5400000	5999999
11	1081247	1	10.0	78	1970	0	0	6017986	6000000	6599999
12	566884	2	7.0	72	1173	1766	0	7101203	6600000	7199999
13	648609	2	6.0	57	1267	1089	0	7671026	7200000	7799999
14	598898	2	20.0	84	1394	1594	0	8321991	7800000	8399999
15	378842	1	6.0	99	1616	0	0	8923877	8400000	8999999
16	590513	1	14.0	84	1672	0	0	9304335	9000000	9599999
17	698598	2	12.0	52	1103	1897	0	9896520	9600000	10199999
18	726025	3	14.0	64	1527	1486	1071	10598118	10200000	10799999
19	356562	2	16.0	75	1413	1022	0	11328227	10800000	11399999
20		1	16.0	51	1085	0	0	11687224	11400000	11999999

Total number of pulses in waveform = 39
 Waveform Num = 27
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	473738	2	14.0	82	1749	1505	0	473738	0	705881
2	757114	2	19.0	68	1102	1581	0	1234106	705882	1411763
3	349253	1	15.0	61	1971	0	0	1586042	1411764	2117645
4	974979	1	17.0	87	1671	0	0	2562992	2117646	2823527
5	563692	1	18.0	54	1767	0	0	3128355	2823528	3529409
6	1034910	1	12.0	59	1117	0	0	4165032	3529410	4235291
7	74909	1	17.0	100	1827	0	0	4241058	4235292	4941173
8	1056094	2	10.0	77	1379	1926	0	5298979	4941174	5647055
9	971822	1	14.0	99	1068	0	0	6274106	5647056	6352937
10	648022	1	20.0	77	1706	0	0	6923196	6352938	7058819
11	710674	3	11.0	51	1618	1759	1560	7635576	7058820	7764701
12	178311	2	16.0	97	1516	1069	0	7818824	7764702	8470583
13	1199580	3	18.0	78	1028	1422	1630	9020989	8470584	9176465
14	779376	3	14.0	82	1598	1436	1770	9804445	9176466	9882347
15	303304	2	20.0	61	1231	1169	0	10112553	9882348	10588229
16	489496	1	10.0	77	1955	0	0	10604449	10588230	11294111
17	701847	3	8.0	92	1547	1353	1190	11308251	11294112	11999993

Total number of pulses in waveform = 30
 Waveform Num = 28
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	321031	3	17.0	91	1402	1363	1556	321031	0	1499999
	1603565									

						New3RandParmBin5 for all bins				
2		3	5.0	79	1582	1883	1415	1928917	1500000	2999999
	1905295									
3		3	5.0	98	1148	1073	1729	3839092	3000000	4499999
	2042721									
4		3	8.0	78	1149	1492	1461	5885763	4500000	5999999
	1464923									
5		2	18.0	100	1845	1059	0	7354788	6000000	7499999
	458550									
6		2	16.0	100	1678	1816	0	7816242	7500000	8999999
	1654454									
7		2	6.0	91	1597	1803	0	9474190	9000000	10499999
	1167751									
8		3	18.0	81	1468	1532	1100	10645341	10500000	11999999

Total number of pulses in waveform = 21
 Waveform Num = 29
 Num of Bursts = 20
 Burst Interval (us) = 6000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	26284									
1		1	14.0	62	1671	0	0	26284	0	599999
	698629									
2		3	12.0	50	1461	1872	1259	726584	600000	1199999
	1035977									
3		3	11.0	56	1579	1165	1573	1767153	1200000	1799999
	372203									
4		2	11.0	89	1693	1376	0	2143673	1800000	2399999
	692819									
5		1	10.0	95	1291	0	0	2839561	2400000	2999999
	540729									
6		1	9.0	86	1393	0	0	3381581	3000000	3599999
	630687									
7		3	11.0	81	1466	1826	1083	4013661	3600000	4199999
	594134									
8		2	8.0	90	1385	1875	0	4612170	4200000	4799999
	737183									
9		3	13.0	51	1925	1534	1043	5352613	4800000	5399999
	201381									
10		2	7.0	51	1235	1964	0	5558496	5400000	5999999
	901463									
11		2	5.0	90	1167	1801	0	6463158	6000000	6599999
	230602									
12		3	13.0	83	1076	1624	1042	6696728	6600000	7199999
	1018636									
13		3	13.0	72	1798	1101	1990	7719106	7200000	7799999
	338436									
14		3	12.0	75	1034	1028	1794	8062431	7800000	8399999
	813311									
15		3	13.0	97	1960	2000	1864	8879598	8400000	8999999
	281918									
16		1	11.0	94	1730	0	0	9167340	9000000	9599999
	614240									
17		1	5.0	90	1184	0	0	9783310	9600000	10199999
	563442									
18		2	16.0	66	1799	1674	0	10347936	10200000	10799999
	791570									
19		2	9.0	69	1496	1625	0	11142979	10800000	11399999
	313704									
20		1	7.0	67	1616	0	0	11459804	11400000	11999999

Total number of pulses in waveform = 42
 Waveform Num = 30
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	1296075									
1		2	9.0	62	1069	1144	0	1296075	0	1333332
	534692									
2		1	19.0	55	1115	0	0	1832980	1333333	2666665
	1908542									
3		2	7.0	81	1405	1959	0	3742637	2666666	3999998
	339254									
4		2	20.0	72	1457	1630	0	4085255	3999999	5333331
	1792396									
5		2	10.0	87	1133	1640	0	5880738	5333332	6666664
	998782									
6		3	17.0	57	1526	1910	1186	6882293	6666665	7999997
	1932896									
7		2	9.0	68	1561	1799	0	8819811	7999998	9333330
	1137636									
8		3	12.0	65	1678	1814	1717	9960807	9333331	10666663
	1349506									
9		1	7.0	75	1947	0	0	11315522	10666664	11999996

Total number of pulses in waveform = 18

♀

60MHz Bandwidth

Random DFS waveform parameters (NewBin5) 11-Jun-2015 16:03:42

Waveform Num = 1
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	417540	3	18.0	97	1321	1479	1335	417540	0	599999
2	732816	3	7.0	78	1836	1490	1783	1154491	600000	1199999
3	267832	3	6.0	67	1993	1932	1926	1427432	1200000	1799999
4	492875	2	7.0	50	1272	1329	0	1926158	1800000	2399999
5	797214	3	17.0	87	1357	1820	1074	2725973	2400000	2999999
6	816154	1	19.0	73	1997	0	0	3546378	3000000	3599999
7	309340	2	18.0	77	1158	1116	0	3857715	3600000	4199999
8	687324	2	16.0	63	1651	1937	0	4547313	4200000	4799999
9	822554	3	8.0	84	1921	1292	1983	5373455	4800000	5399999
10	349726	1	12.0	50	1337	0	0	5728377	5400000	5999999
11	719360	1	12.0	51	1882	0	0	6449074	6000000	6599999
12	557748	2	16.0	79	1595	1544	0	7008704	6600000	7199999
13	625413	3	7.0	87	1316	1147	1516	7637256	7200000	7799999
14	484861	1	11.0	53	1562	0	0	8126096	7800000	8399999
15	308469	1	7.0	84	1364	0	0	8436127	8400000	8999999
16	729678	1	16.0	71	1547	0	0	9167169	9000000	9599999
17	821176	1	17.0	63	1382	0	0	9989892	9600000	10199999
18	461130	3	14.0	64	1715	1128	1944	10452404	10200000	10799999
19	771996	3	9.0	73	1832	1008	1616	11229187	10800000	11399999
20	527057	3	12.0	58	1530	1341	1670	11760700	11400000	11999999

Total number of pulses in waveform = 42

♀

Waveform Num = 2
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	418962	3	6.0	61	1405	1898	1422	418962	0	1499999
2	1888530	2	14.0	63	1682	1899	0	2312217	1500000	2999999
3	2089362	3	20.0	90	1669	1714	1686	4405160	3000000	4499999
4	1279170	2	6.0	60	1201	1203	0	5689399	4500000	5999999
5	491728	3	5.0	76	1881	1387	1564	6183531	6000000	7499999
6	1934014	3	17.0	72	1788	1726	1306	8122377	7500000	8999999
7	1218789	1	18.0	80	1934	0	0	9345986	9000000	10499999
8	2016098	1	11.0	89	1743	0	0	11364018	10500000	11999999

Total number of pulses in waveform = 18

♀

Waveform Num = 3
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1104071	1	16.0	92	1887	0	0	1104071	0	1499999
	1566137									

New3RandParmBin5 for all bins										
2		2	17.0	77	1861	1569	0	2672095	1500000	2999999
3	1614118	3	10.0	96	1490	1458	1781	4289643	3000000	4499999
4	675649	1	5.0	75	1783	0	0	4970021	4500000	5999999
5	1066365	2	18.0	71	1462	1123	0	6038169	6000000	7499999
6	2771268	2	16.0	58	1000	1564	0	8812022	7500000	8999999
7	700803	2	13.0	81	1823	1665	0	9515389	9000000	10499999
8	1540398	3	10.0	87	1039	1548	1894	11059275	10500000	11999999

Total number of pulses in waveform = 16

♀

Waveform Num = 4

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	307891	1	5.0	66	1695	0	0	307891	0	799999
2	848033	1	16.0	92	1009	0	0	1157619	800000	1599999
3	755036	2	13.0	73	1086	1688	0	1913664	1600000	2399999
4	1278785	2	12.0	63	1919	1805	0	3195223	2400000	3199999
5	75930	2	11.0	99	1708	1976	0	3274877	3200000	3999999
6	810812	2	5.0	71	1275	1417	0	4089373	4000000	4799999
7	1431341	2	10.0	74	1392	1068	0	5523406	4800000	5599999
8	844812	3	12.0	54	1707	1098	1575	6370678	5600000	6399999
9	303942	3	12.0	58	1719	1573	1637	6679000	6400000	7199999
10	635308	2	5.0	51	1218	1090	0	7319237	7200000	7999999
11	989040	1	18.0	67	1652	0	0	8310585	8000000	8799999
12	659584	1	10.0	66	1660	0	0	8971821	8800000	9599999
13	711002	2	5.0	80	1193	1944	0	9684483	9600000	10399999
14	964692	1	12.0	75	1775	0	0	10652312	10400000	11199999
15	617758	1	10.0	94	1310	0	0	11271845	11200000	11999999

Total number of pulses in waveform = 26

♀

Waveform Num = 5

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	93337	2	18.0	88	1881	1237	0	93337	0	631578
2	1022255	2	14.0	60	1485	1709	0	1118710	631579	1263157
3	369288	3	11.0	52	1905	1506	1835	1491192	1263158	1894736
4	698135	2	19.0	61	1331	1978	0	2194573	1894737	2526315
5	797964	2	10.0	51	1328	1929	0	2995846	2526316	3157894
6	737953	1	18.0	63	1331	0	0	3737056	3157895	3789473
7	639336	1	19.0	79	1107	0	0	4377723	3789474	4421052
8	506297	3	19.0	62	1605	1982	1106	4885127	4421053	5052631
9	706111	3	8.0	76	1516	1704	1279	5595931	5052632	5684210
10	449363	2	16.0	73	1928	1244	0	6049793	5684211	6315789
11	579246	3	9.0	67	1001	1811	1930	6632211	6315790	6947368
12	754150	1	20.0	99	1560	0	0	7391103	6947369	7578947
13	229650	2	19.0	97	1856	1070	0	7622313	7578948	8210526
14	1069121	1	20.0	81	1739	0	0	8694360	8210527	8842105
	553654									

15		2	13.0	71	1594	New3RandParmBin5 for all bins 1735 0	9249753	8842106	9473684
16	750574	3	11.0	98	1110	1595 1637	10003656	9473685	10105263
17	196980	1	18.0	50	1252	0 0	10204978	10105264	10736842
18	676013	1	19.0	100	1004	0 0	10882243	10736843	11368421
19	924067	1	8.0	94	1068	0 0	11807314	11368422	12000000

Total number of pulses in waveform = 36

Waveform Num = 6
Num of Bursts = 11
Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1070839	2	12.0	81	1802	1308	0	1070839	0	1090908
2	772507	1	6.0	58	1744	0	0	1846456	1090909	2181817
3	721848	1	8.0	58	1320	0	0	2570048	2181818	3272726
4	1104487	2	11.0	92	1111	1678	0	3675855	3272727	4363635
5	1410389	1	9.0	52	1560	0	0	5089033	4363636	5454544
6	482624	3	5.0	80	1096	1750	1062	5573217	5454545	6545453
7	1391505	2	8.0	97	1069	1717	0	6968630	6545454	7636362
8	1168213	2	12.0	99	1296	1895	0	8139629	7636363	8727271
9	1654536	1	12.0	52	1813	0	0	9797356	8727272	9818180
10	365577	1	6.0	69	1056	0	0	10164746	9818181	10909089
11	1374795	1	7.0	72	1194	0	0	11540597	10909090	11999998

Total number of pulses in waveform = 17

Waveform Num = 7
Num of Bursts = 11
Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	692286	2	20.0	51	1813	1993	0	692286	0	1090908
2	479834	3	13.0	52	1272	1989	1296	1175926	1090909	2181817
3	1875478	3	11.0	77	1266	1329	1480	3055961	2181818	3272726
4	1009644	2	10.0	64	1678	1905	0	4069680	3272727	4363635
5	556488	3	19.0	73	1322	1617	1803	4629751	4363636	5454544
6	1379982	2	19.0	79	1463	1208	0	6014475	5454545	6545453
7	1223805	2	16.0	54	1941	1532	0	7240951	6545454	7636362
8	1191387	2	10.0	55	1200	1714	0	8435811	7636363	8727271
9	634725	2	18.0	57	1281	1203	0	9073450	8727272	9818180
10	973644	3	16.0	95	1815	1565	1023	10049578	9818181	10909089
11	1822926	2	16.0	88	1435	1447	0	11876907	10909090	11999998

Total number of pulses in waveform = 26

Waveform Num = 8
Num of Bursts = 14
Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	23345	1	19.0	66	1626	0	0	23345	0	857142
2	1457368	2	15.0	51	1887	1070	0	1482339	857143	1714285
3	900546	3	15.0	100	1543	1052	1293	2385842	1714286	2571428
4	574362	3	13.0	56	1992	1762	1380	2964092	2571429	3428571
5	1237472	3	5.0	87	1355	1481	1927	4206698	3428572	4285714
	368137									

						New3RandParmBin5 for all bins				
6		1	20.0	86	1504	0	0	4579598	4285715	5142857
7	1329407	1	7.0	56	1908	0	0	5910509	5142858	6000000
8	584829	3	15.0	67	1022	1027	1311	6497246	6000001	6857143
9	1048933	2	19.0	95	1664	1567	0	7549539	6857144	7714286
10	190806	1	13.0	61	1125	0	0	7743576	7714287	8571429
11	1164706	1	9.0	69	1486	0	0	8909407	8571430	9428572
12	773221	1	20.0	84	1260	0	0	9684114	9428573	10285715
13	808331	3	18.0	97	1390	1942	1985	10493705	10285716	11142858
14	1109776	2	6.0	99	1773	1735	0	11608798	11142859	12000001

Total number of pulses in waveform = 27

Waveform Num = 9
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	190674	2	12.0	100	1353	1967	0	190674	0	857142
2	955092	3	9.0	80	1656	1067	1064	1149086	857143	1714285
3	677846	3	7.0	97	1231	1393	1441	1830719	1714286	2571428
4	1357434	1	20.0	61	1149	0	0	3192218	2571429	3428571
5	1004258	3	17.0	97	1672	1704	1725	4197625	3428572	4285714
6	612330	1	6.0	97	1377	0	0	4815056	4285715	5142857
7	639580	3	20.0	72	1298	1410	1131	5456013	5142858	6000000
8	871574	3	15.0	81	1226	1878	1965	6331426	6000001	6857143
9	553262	3	9.0	87	1632	1439	1174	6889757	6857144	7714286
10	1302004	1	7.0	87	1937	0	0	8196006	7714287	8571429
11	1146704	2	9.0	58	1039	1206	0	9344647	8571430	9428572
12	119175	3	16.0	73	1048	1117	1566	9466067	9428573	10285715
13	982284	3	19.0	66	1696	1467	1392	10452082	10285716	11142858
14	862939	1	15.0	89	1442	0	0	11319576	11142859	12000001

Total number of pulses in waveform = 32

Waveform Num = 10
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	233104	3	12.0	73	1092	1199	1086	233104	0	1333332
2	1122112	1	7.0	52	1152	0	0	1358593	1333333	2666665
3	2213093	1	10.0	66	1266	0	0	3572838	2666666	3999998
4	664855	2	17.0	79	1020	1987	0	4238959	3999999	5333331
5	1700219	1	14.0	54	1493	0	0	5942185	5333332	6666664
6	1949345	2	5.0	87	1964	1593	0	7893023	6666665	7999997
7	763459	3	16.0	82	1739	1307	1222	8660039	7999998	9333330
8	1579200	3	18.0	85	1610	1629	1073	10243507	9333331	10666663
9	608203	3	18.0	65	1415	1386	1343	10856022	10666664	11999996

Total number of pulses in waveform = 19

Waveform Num = 11
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	570317									

New3RandParmBin5 for all bins										
1		3	14.0	91	1505	1190	1934	570317	0	1499999
2	1637656	3	9.0	96	1011	1544	1841	2212602	1500000	2999999
3	1413607	3	7.0	64	1748	1882	1949	3630605	3000000	4499999
4	1972015	2	19.0	71	1770	1108	0	5608199	4500000	5999999
5	757831	3	16.0	60	1595	1548	1681	6368908	6000000	7499999
6	2436839	2	6.0	87	1109	1096	0	8810571	7500000	8999999
7	1422059	2	9.0	91	1203	1930	0	10234835	9000000	10499999
8	1102256	1	13.0	55	1251	0	0	11340224	10500000	11999999

Total number of pulses in waveform = 19

Waveform Num = 12
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1146030	1	15.0	94	1852	0	0	1146030	0	1333332
2	1463843	2	14.0	76	1565	1283	0	2611725	1333333	2666665
3	401407	2	8.0	65	1124	1239	0	3015980	2666666	3999998
4	1484430	1	12.0	82	1372	0	0	4502773	3999999	5333331
5	1663999	2	7.0	78	1885	1062	0	6168144	5333332	6666664
6	1496219	3	12.0	79	1208	1776	1636	7667310	6666665	7999997
7	1158518	1	12.0	59	1809	0	0	8830448	7999998	9333330
8	1004568	2	8.0	95	1696	1493	0	9836825	9333331	10666663
9	1473546	1	5.0	50	1369	0	0	11313560	10666664	11999996

Total number of pulses in waveform = 15

Waveform Num = 13
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1079841	3	8.0	94	1654	1019	1556	1079841	0	1499999
2	1330066	1	12.0	62	1084	0	0	2414136	1500000	2999999
3	689821	2	11.0	90	1563	1730	0	3105041	3000000	4499999
4	1701234	3	6.0	97	1450	1090	1701	4809568	4500000	5999999
5	1665759	1	15.0	84	1955	0	0	6479568	6000000	7499999
6	1487270	2	6.0	61	1353	1597	0	7968793	7500000	8999999
7	1431610	3	15.0	58	1811	1106	1502	9403353	9000000	10499999
8	1952605	2	5.0	88	1742	1816	0	11360377	10500000	11999999

Total number of pulses in waveform = 17

Waveform Num = 14
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	278385	1	11.0	54	1595	0	0	278385	0	666666
2	497085	2	16.0	81	1368	1384	0	777065	666667	1333333
3	1170235	1	15.0	72	1202	0	0	1950052	1333334	2000000
4	295095	2	16.0	52	1075	1249	0	2246349	2000001	2666667
5	908077	3	15.0	75	1512	1274	1082	3156750	2666668	3333334
6	836114	1	11.0	87	1751	0	0	3996732	3333335	4000001
7	148223	1	7.0	82	1849	0	0	4146706	4000002	4666668
	1155926									

8		1	8.0	74	1575	0	0	5304481	4666669	5333335
9	346644	3	13.0	86	1827	1476	1087	5652700	5333336	6000002
10	651651	3	9.0	51	1967	1124	1347	6308741	6000003	6666669
11	658107	1	11.0	87	1000	0	0	6971286	6666670	7333336
12	779988	1	13.0	81	1900	0	0	7752274	7333337	8000003
13	869147	1	12.0	79	1723	0	0	8623321	8000004	8666670
14	216433	1	10.0	84	1529	0	0	8841477	8666671	9333337
15	566709	2	16.0	55	1850	1587	0	9409715	9333338	10000004
16	1100105	1	20.0	96	1130	0	0	10513257	10000005	10666671
17	576245	1	14.0	52	1197	0	0	11090632	10666672	11333338
18	555544	2	17.0	78	1065	1498	0	11647373	11333339	12000005

Total number of pulses in waveform = 28

Waveform Num = 15
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	984469	2	8.0	77	1613	1041	0	984469	0	999999
2	551100	3	10.0	94	1470	1933	1822	1538223	1000000	1999999
3	1033103	1	5.0	83	1241	0	0	2576551	2000000	2999999
4	905804	3	12.0	89	1254	1784	1593	3483596	3000000	3999999
5	1337526	2	13.0	54	1014	1481	0	4825753	4000000	4999999
6	321872	1	5.0	74	1905	0	0	5150120	5000000	5999999
7	1130195	2	18.0	79	1323	1724	0	6282220	6000000	6999999
8	1151606	1	7.0	57	1529	0	0	7436873	7000000	7999999
9	675614	1	15.0	76	1885	0	0	8114016	8000000	8999999
10	1592922	1	13.0	56	1211	0	0	9708823	9000000	9999999
11	1069751	2	14.0	62	1106	1204	0	10779785	10000000	10999999
12	373321	1	9.0	54	1579	0	0	11155416	11000000	11999999

Total number of pulses in waveform = 20

Waveform Num = 16
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	808449	2	14.0	89	1290	1835	0	808449	0	999999
2	802481	3	15.0	53	1925	1845	1586	1614055	1000000	1999999
3	939852	3	7.0	72	1720	1346	1746	2559263	2000000	2999999
4	836104	2	10.0	72	1831	1953	0	3400179	3000000	3999999
5	1231492	2	16.0	62	1336	1187	0	4635455	4000000	4999999
6	392622	3	20.0	95	1283	1374	1797	5030600	5000000	5999999
7	1592473	1	13.0	74	1807	0	0	6627527	6000000	6999999
8	1065932	1	10.0	73	1117	0	0	7695266	7000000	7999999
9	1090610	1	9.0	60	1188	0	0	8786993	8000000	8999999
10	924846	1	11.0	92	1240	0	0	9713027	9000000	9999999
11	1009503	2	13.0	58	1070	1867	0	10723770	10000000	10999999
12	412908	3	14.0	96	1416	1499	1038	11139615	11000000	11999999

Total number of pulses in waveform = 24

Waveform Num = 17

New3RandParmBin5 for all bins										
Num of Bursts = 13										
Burst Interval (us) = 923077.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	707008	3	13.0	50	1742	1127	1877	707008	0	923076
2	847778	3	10.0	97	1397	1279	1215	1559532	923077	1846153
3	384563	1	12.0	55	1869	0	0	1947986	1846154	2769230
4	1709387	1	11.0	78	1115	0	0	3659242	2769231	3692307
5	117661	1	9.0	96	1302	0	0	3778018	3692308	4615384
6	1359668	3	16.0	76	1503	1056	1470	5138988	4615385	5538461
7	623816	3	17.0	75	1222	1784	1681	5766833	5538462	6461538
8	1449872	2	16.0	78	1462	1215	0	7221392	6461539	7384615
9	700440	2	9.0	87	1125	1162	0	7924509	7384616	8307692
10	1028259	2	16.0	71	1301	1680	0	8955055	8307693	9230769
11	1135950	2	13.0	65	1188	1751	0	10093986	9230770	10153846
12	710744	1	18.0	60	1683	0	0	10807669	10153847	11076923
13	627464	2	7.0	89	1915	1412	0	11436816	11076924	12000000
Total number of pulses in waveform = 26										
♀										
Waveform Num = 18										
Num of Bursts = 16										
Burst Interval (us) = 750000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	369954	1	15.0	65	1874	0	0	369954	0	749999
2	1017935	1	14.0	58	1935	0	0	1389763	750000	1499999
3	328064	3	12.0	97	1999	1660	1890	1719762	1500000	2249999
4	907142	1	8.0	60	1025	0	0	2632453	2250000	2999999
5	966462	3	20.0	91	1312	1006	1494	3599940	3000000	3749999
6	676415	3	9.0	80	1971	1945	1997	4280167	3750000	4499999
7	735927	3	19.0	99	1716	1112	1182	5022007	4500000	5249999
8	298160	2	12.0	81	1549	1591	0	5324177	5250000	5999999
9	1411910	3	15.0	52	1710	1184	1350	6739227	6000000	6749999
10	523889	3	8.0	100	1447	1350	1610	7267360	6750000	7499999
11	708933	1	8.0	66	1994	0	0	7980700	7500000	8249999
12	623934	2	11.0	60	1698	1500	0	8606628	8250000	8999999
13	1100344	1	11.0	86	1736	0	0	9710170	9000000	9749999
14	617207	3	7.0	50	1912	1446	1499	10329113	9750000	10499999
15	421089	2	5.0	87	1509	1302	0	10755059	10500000	11249999
16	1176342	3	10.0	53	1012	1139	1618	11934212	11250000	11999999
Total number of pulses in waveform = 35										
♀										
Waveform Num = 19										
Num of Bursts = 12										
Burst Interval (us) = 1000000.0										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	161261	1	10.0	53	1979	0	0	161261	0	999999
2	1616662	3	11.0	93	1239	1700	1374	1779902	1000000	1999999
3	459481	2	16.0	53	1475	1822	0	2243696	2000000	2999999
4	1339947	2	5.0	79	1859	1267	0	3586940	3000000	3999999
	644398									

						New3RandParmBin5 for all bins				
5		2	18.0	99	1117	1169	0	4234464	4000000	4999999
6	1524044	1	16.0	66	1585	0	0	5760794	5000000	5999999
7	918481	2	20.0	74	1625	1899	0	6680860	6000000	6999999
8	1297998	1	20.0	61	1060	0	0	7982382	7000000	7999999
9	721086	3	16.0	50	1623	1077	1663	8704528	8000000	8999999
10	898920	2	15.0	82	1768	1862	0	9607811	9000000	9999999
11	1314890	1	11.0	60	1627	0	0	10926331	10000000	10999999
12	780762	2	15.0	76	1346	1513	0	11708720	11000000	11999999

Total number of pulses in waveform = 22

♀

Waveform Num = 20
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	713153	2	20.0	75	1532	1670	0	713153	0	799999
2	543683	3	8.0	75	1311	1229	1999	1260038	800000	1599999
3	683633	1	14.0	68	1253	0	0	1948210	1600000	2399999
4	564029	1	9.0	70	1714	0	0	2513492	2400000	3199999
5	1418263	1	15.0	99	1592	0	0	3933469	3200000	3999999
6	178620	2	18.0	66	1749	1865	0	4113681	4000000	4799999
7	699117	3	16.0	65	1488	1357	1356	4816412	4800000	5599999
8	1006318	2	16.0	66	1487	1201	0	5826931	5600000	6399999
9	1051128	1	20.0	62	1026	0	0	6880747	6400000	7199999
10	565472	1	12.0	51	1769	0	0	7447245	7200000	7999999
11	714685	3	16.0	67	1769	1365	1671	8163699	8000000	8799999
12	1138658	2	6.0	98	1825	1534	0	9307162	8800000	9599999
13	674549	1	8.0	73	1754	0	0	9985070	9600000	10399999
14	1022597	1	15.0	55	1057	0	0	11009421	10400000	11199999
15	806495	2	13.0	86	1503	1424	0	11816973	11200000	11999999

Total number of pulses in waveform = 26

♀

Waveform Num = 21
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	667957	2	12.0	90	1879	1869	0	667957	0	705881
2	445032	2	15.0	95	1408	1501	0	1116737	705882	1411763
3	926180	1	19.0	74	1267	0	0	2045826	1411764	2117645
4	445470	2	11.0	55	1458	1614	0	2492563	2117646	2823527
5	549459	2	5.0	96	1447	1956	0	3045094	2823528	3529409
6	738400	2	10.0	86	1945	1225	0	3786897	3529410	4235291
7	922435	2	16.0	58	1995	1176	0	4712502	4235292	4941173
8	348373	2	17.0	91	1493	1852	0	5064046	4941174	5647055
9	626621	2	5.0	61	1755	1184	0	5694012	5647056	6352937
10	1303385	1	12.0	74	1261	0	0	7000336	6352938	7058819
11	501278	3	16.0	93	1869	1030	1729	7502875	7058820	7764701
12	924809	1	6.0	84	1514	0	0	8432312	7764702	8470583
13	603589	3	17.0	94	1688	1424	1823	9037415	8470584	9176465
	165183									

14 3 18.0 76 1899 New3RandParmBin5 for all bins 1426 1275 9207533 9176466 9882347
15 1281784 1 14.0 90 1637 0 0 10493917 9882348 10588229
16 251732 3 11.0 97 1152 1394 1528 10747286 10588230 11294111
17 961924 3 7.0 50 1908 1365 1127 11713284 11294112 11999993

Total number of pulses in waveform = 35

♀
Waveform Num = 22
Num of Bursts = 15
Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	459928	3	10.0	97	1554	1444	1540	459928	0	799999
2	356103	3	11.0	89	1621	1724	1066	820569	800000	1599999
3	1235807	1	10.0	51	1421	0	0	2060787	1600000	2399999
4	728962	3	9.0	83	1019	1741	1770	2791170	2400000	3199999
5	551927	1	20.0	93	1310	0	0	3347627	3200000	3999999
6	774470	1	11.0	92	1341	0	0	4123407	4000000	4799999
7	816793	2	10.0	68	1526	1840	0	4941541	4800000	5599999
8	1215195	3	12.0	56	1708	1524	1535	6160102	5600000	6399999
9	792666	1	20.0	85	1250	0	0	6957535	6400000	7199999
10	369365	1	16.0	93	1903	0	0	7328150	7200000	7999999
11	1413784	2	6.0	90	1584	1254	0	8743837	8000000	8799999
12	340708	3	12.0	51	1825	1880	1884	9087383	8800000	9599999
13	1140395	1	8.0	96	1740	0	0	10233367	9600000	10399999
14	693985	1	17.0	98	1983	0	0	10929092	10400000	11199999
15	323391	1	10.0	78	1022	0	0	11254466	11200000	11999999

Total number of pulses in waveform = 27

♀
Waveform Num = 23
Num of Bursts = 14
Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	29468	3	18.0	60	1577	1504	1380	29468	0	857142
2	1235706	2	16.0	62	1798	1463	0	1269635	857143	1714285
3	797387	3	9.0	60	1991	1958	1312	2070283	1714286	2571428
4	1273358	2	7.0	66	1504	1404	0	3348902	2571429	3428571
5	459563	2	16.0	69	1663	1675	0	3811373	3428572	4285714
6	676886	1	7.0	75	1037	0	0	4491597	4285715	5142857
7	1382649	3	17.0	54	1407	1238	1398	5875283	5142858	6000000
8	559777	3	19.0	61	1223	1955	1615	6439103	6000001	6857143
9	599182	3	18.0	70	1856	1213	1837	7043078	6857144	7714286
10	1349023	3	19.0	84	1185	1546	1804	8397007	7714287	8571429
11	229594	3	14.0	86	1605	1943	1354	8631136	8571430	9428572
12	795572	1	15.0	99	1593	0	0	9431610	9428573	10285715
13	1509818	1	8.0	59	1362	0	0	10943021	10285716	11142858
14	880508	1	8.0	86	1230	0	0	11824891	11142859	12000001

Total number of pulses in waveform = 31

♀
Waveform Num = 24
Num of Bursts = 15
Burst Interval (us) = 800000.0

Burst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
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#	(us)	Pulses	(MHz)	(us)	Pri(us)	New3RandParmBin5 for all bins			Interval(us)	Interval(us)
						Pri(us)	Pri(us)	(us)		
1	247275	3	11.0	86	1891	1321	1881	247275	0	799999
2	1300277	3	8.0	76	1743	1860	1752	1552645	800000	1599999
3	418118	1	13.0	64	1837	0	0	1976118	1600000	2399999
4	1078945	1	15.0	78	1981	0	0	3056900	2400000	3199999
5	649939	3	19.0	71	1537	1130	1733	3708820	3200000	3999999
6	1037147	2	16.0	69	1907	1725	0	4750367	4000000	4799999
7	488484	1	16.0	79	1270	0	0	5242483	4800000	5599999
8	978235	1	11.0	61	1052	0	0	6221988	5600000	6399999
9	183508	1	8.0	85	1631	0	0	6406548	6400000	7199999
10	1071416	2	11.0	93	1178	1367	0	7479595	7200000	7999999
11	615777	2	12.0	84	1782	1232	0	8097917	8000000	8799999
12	776780	2	18.0	76	1930	1811	0	8877711	8800000	9599999
13	1503664	3	6.0	77	1846	1231	1884	10385116	9600000	10399999
14	545753	3	19.0	52	1266	1567	1258	10935830	10400000	11199999
15	752797	3	17.0	84	1004	1376	1975	11692718	11200000	11999999

Total number of pulses in waveform = 31

Waveform Num = 25
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	289585	2	14.0	98	1043	1297	0	289585	0	749999
2	1160051	3	8.0	75	1399	1782	1631	1451976	750000	1499999
3	115435	2	13.0	100	1977	1819	0	1572223	1500000	2249999
4	1017063	3	17.0	92	1883	1216	1423	2593082	2250000	2999999
5	425331	1	20.0	53	1754	0	0	3022935	3000000	3749999
6	1281012	1	11.0	86	1631	0	0	4305701	3750000	4499999
7	545592	3	19.0	87	1694	1084	1178	4852924	4500000	5249999
8	622673	2	19.0	87	1607	1003	0	5479553	5250000	5999999
9	737215	3	11.0	83	1606	1564	1306	6219378	6000000	6749999
10	1079415	3	16.0	92	1887	1701	1247	7303269	6750000	7499999
11	474965	3	8.0	74	1889	1475	1434	7783069	7500000	8249999
12	1122819	1	6.0	77	1496	0	0	8910686	8250000	8999999
13	588319	1	11.0	86	1048	0	0	9500501	9000000	9749999
14	357733	1	15.0	100	1513	0	0	9859282	9750000	10499999
15	992962	3	7.0	99	1150	1602	1283	10853757	10500000	11249999
16	913913	1	8.0	77	1083	0	0	11771705	11250000	11999999

Total number of pulses in waveform = 33

Waveform Num = 26
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	219071	1	20.0	86	1206	0	0	219071	0	857142
2	1139506	2	10.0	57	1050	1942	0	1359783	857143	1714285
3	1132988	3	15.0	85	1190	1878	1833	2495763	1714286	2571428
4	794881	2	16.0	94	1440	1868	0	3295545	2571429	3428571
	708467									

New3RandParmBin5 for all bins										
5		1	13.0	99	1637	0	0	4007320	3428572	4285714
6	997597	3	7.0	68	1972	1117	1665	5006554	4285715	5142857
7	638795	2	17.0	64	1364	1082	0	5650103	5142858	6000000
8	885564	1	16.0	94	1929	0	0	6538113	6000001	6857143
9	816612	1	9.0	53	1364	0	0	7356654	6857144	7714286
10	926919	1	17.0	71	1122	0	0	8284937	7714287	8571429
11	595172	2	11.0	100	1424	1775	0	8881231	8571430	9428572
12	677648	3	9.0	82	1053	1730	1159	9562078	9428573	10285715
13	1393034	2	20.0	98	1804	1229	0	10959054	10285716	11142858
14	698636	2	12.0	58	1887	1316	0	11660723	11142859	12000001

Total number of pulses in waveform = 26

Waveform Num = 27
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	394835	3	7.0	74	1662	1248	1856	394835	0	631578
2	564748	1	11.0	96	1854	0	0	964349	631579	1263157
3	894314	1	16.0	80	1065	0	0	1860517	1263158	1894736
4	226380	1	15.0	88	1053	0	0	2087962	1894737	2526315
5	612109	3	16.0	53	1209	1144	1354	2701124	2526316	3157894
6	881356	3	18.0	72	1336	1936	1500	3586187	3157895	3789473
7	231928	2	11.0	88	1815	1701	0	3822887	3789474	4421052
8	847760	2	17.0	66	1030	1844	0	4674163	4421053	5052631
9	669494	3	14.0	86	1554	1351	1660	5346531	5052632	5684210
10	485133	2	19.0	55	1228	1158	0	5836229	5684211	6315789
11	841892	3	9.0	83	1029	1219	1283	6680507	6315790	6947368
12	873419	3	7.0	69	1711	1125	1583	7557457	6947369	7578947
13	565610	3	7.0	63	1599	1430	1900	8127486	7578948	8210526
14	506922	1	7.0	61	1854	0	0	8639337	8210527	8842105
15	719635	2	16.0	61	1202	1462	0	9360826	8842106	9473684
16	662570	2	7.0	99	1680	1172	0	10026060	9473685	10105263
17	182489	1	14.0	74	1848	0	0	10211401	10105264	10736842
18	666482	1	20.0	77	1648	0	0	10879731	10736843	11368421
19	878964	1	13.0	51	1236	0	0	11760343	11368422	12000000

Total number of pulses in waveform = 38

Waveform Num = 28
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	764643	3	5.0	71	1296	1344	1652	764643	0	1333332
2	1508499	3	8.0	99	1994	1789	1781	2277434	1333333	2666665
3	385312	3	7.0	72	1239	1244	1039	2668310	2666666	3999998
4	2326312	3	7.0	82	1939	1583	1733	4998144	3999999	5333331
5	1658765	2	20.0	78	1735	1224	0	6662164	5333332	6666664
6	948110	1	19.0	76	1117	0	0	7613233	6666665	7999997
7	1234105	3	17.0	81	1893	1280	1661	8848455	7999998	9333330
	567395									

						New3RandParmBin5 for all bins				
18	244816	1	18.0	50	1379	0	0	10604713	10200000	10799999
19	1123988	1	15.0	61	1231	0	0	10850908	10800000	11399999
20		1	19.0	51	1359	0	0	11976127	11400000	11999999
Total number of pulses in waveform = 38										

80MHz Bandwidth

Random DFS waveform parameters (NewBin5) 11-Jun-2015 16:04:05

Waveform Num = 1
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	410071	3	12.0	91	1106	1038	1548	410071	0	631578
2	362508	2	20.0	74	1755	1986	0	776271	631579	1263157
3	1031783	1	7.0	70	1337	0	0	1811795	1263158	1894736
4	610917	3	20.0	75	1688	1291	1126	2424049	1894737	2526315
5	323910	2	18.0	86	1183	1069	0	2752064	2526316	3157894
6	980553	2	8.0	91	1851	1535	0	3734869	3157895	3789473
7	620339	2	14.0	88	1576	1618	0	4358594	3789474	4421052
8	554669	1	15.0	62	1320	0	0	4916457	4421053	5052631
9	697788	1	10.0	79	1786	0	0	5615565	5052632	5684210
10	78822	2	7.0	91	1380	1962	0	5696173	5684211	6315789
11	1023668	2	12.0	66	1866	1150	0	6723183	6315790	6947368
12	231713	2	19.0	79	1844	1899	0	6957912	6947369	7578947
13	1190874	2	5.0	92	1912	1222	0	8152529	7578948	8210526
14	574783	3	19.0	58	1363	1714	1131	8730446	8210527	8842105
15	231931	1	15.0	55	1747	0	0	8966585	8842106	9473684
16	612155	3	15.0	73	1814	1128	1454	9580487	9473685	10105263
17	521815	2	14.0	99	1698	1451	0	10106698	10105264	10736842
18	1186737	3	13.0	52	1498	1193	1829	11296584	10736843	11368421
19	623586	2	5.0	94	1381	1902	0	11924690	11368422	12000000
Total number of pulses in waveform = 39										

Waveform Num = 2
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	257979	1	17.0	89	1657	0	0	257979	0	631578
2	392681	1	19.0	65	1658	0	0	652317	631579	1263157
3	995926	2	9.0	55	1112	1140	0	1649901	1263158	1894736
4	631878	1	5.0	93	1699	0	0	2284031	1894737	2526315
5	543316	1	18.0	84	1184	0	0	2829046	2526316	3157894
6	917988	3	13.0	66	1240	1027	1881	3748218	3157895	3789473
7	408878	1	16.0	70	1148	0	0	4161244	3789474	4421052
8	313168	1	18.0	64	1043	0	0	4475560	4421053	5052631
9	743240	1	15.0	57	1831	0	0	5219843	5052632	5684210
10	804563	1	18.0	74	1637	0	0	6026237	5684211	6315789
11	335520	2	11.0	50	1319	1141	0	6363394	6315790	6947368
	873274									

						New3RandParmBin5 for all bins				
12		2	17.0	57	1721	1345	0	7239128	6947369	7578947
13	851293	2	20.0	84	1390	1102	0	8093487	7578948	8210526
14	223377	1	13.0	87	1532	0	0	8319356	8210527	8842105
15	1098832	3	13.0	53	1913	1532	1555	9419720	8842106	9473684
16	289208	2	11.0	72	1553	1311	0	9713928	9473685	10105263
17	568901	3	18.0	69	1666	1221	1932	10285693	10105264	10736842
18	782338	1	20.0	85	1990	0	0	11072850	10736843	11368421
19	594068	2	10.0	95	1978	1204	0	11668908	11368422	12000000

Total number of pulses in waveform = 31

Waveform Num = 3
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	137586	3	8.0	94	1158	1345	1725	137586	0	857142
2	974387	2	17.0	72	1948	1622	0	1116201	857143	1714285
3	647268	1	12.0	96	1903	0	0	1767039	1714286	2571428
4	1150773	2	15.0	64	1859	1021	0	2919715	2571429	3428571
5	759591	1	5.0	86	1266	0	0	3682186	3428572	4285714
6	1097192	1	10.0	62	1705	0	0	4780644	4285715	5142857
7	424571	3	14.0	86	1149	1509	1012	5206920	5142858	6000000
8	796896	2	11.0	91	1500	1462	0	6007486	6000001	6857143
9	915473	2	14.0	59	1759	1938	0	6925921	6857144	7714286
10	1336732	3	6.0	60	1423	1632	1999	8266350	7714287	8571429
11	935025	1	16.0	53	1060	0	0	9206429	8571430	9428572
12	867981	3	6.0	53	1540	1992	1332	10075470	9428573	10285715
13	427325	3	20.0	77	1147	1794	1210	10507659	10285716	11142858
14	1154866	3	13.0	69	1208	1921	1900	11666676	11142859	12000001

Total number of pulses in waveform = 30

Waveform Num = 4
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	37527	1	11.0	51	1143	0	0	37527	0	1199999
2	1551748	1	10.0	53	1645	0	0	1590418	1200000	2399999
3	1010972	1	9.0	65	1899	0	0	2603035	2400000	3599999
4	1260700	1	8.0	96	1164	0	0	3865634	3600000	4799999
5	1027955	2	14.0	62	1829	1393	0	4894753	4800000	5999999
6	2176764	3	18.0	83	1721	1688	1105	7074739	6000000	7199999
7	837459	2	5.0	97	1169	1801	0	7916712	7200000	8399999
8	1385683	2	8.0	75	1778	1708	0	9305365	8400000	9599999
9	1380608	2	17.0	54	1304	1831	0	10689459	9600000	10799999
10	1284131	1	8.0	88	1047	0	0	11976725	10800000	11999999

Total number of pulses in waveform = 16

Waveform Num = 5
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	534057									

New3RandParmBin5 for all bins										
1		1	20.0	66	1643	0	0	534057	0	749999
2	328228	3	15.0	69	1106	1486	1586	863928	750000	1499999
3	1085410	2	15.0	71	1945	1984	0	1953516	1500000	2249999
4	643143	2	14.0	56	1481	1767	0	2600588	2250000	2999999
5	797605	1	15.0	64	1244	0	0	3401441	3000000	3749999
6	539352	3	18.0	57	1169	1359	1131	3942037	3750000	4499999
7	731593	3	8.0	61	1666	1011	1211	4677289	4500000	5249999
8	674640	1	12.0	76	1358	0	0	5355817	5250000	5999999
9	1344274	3	17.0	86	1376	1050	1943	6701449	6000000	6749999
10	257874	3	18.0	95	1358	1879	1410	6963692	6750000	7499999
11	1091112	2	18.0	86	1357	1130	0	8059451	7500000	8249999
12	692198	2	13.0	90	1634	1653	0	8754136	8250000	8999999
13	688287	1	15.0	60	1566	0	0	9445710	9000000	9749999
14	795657	3	5.0	86	1343	1660	1551	10242933	9750000	10499999
15	404053	1	16.0	79	1289	0	0	10651540	10500000	11249999
16	1259369	3	13.0	100	1921	1742	1102	11912198	11250000	11999999

Total number of pulses in waveform = 34

Waveform Num = 6
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	380165	1	14.0	62	1221	0	0	380165	0	631578
2	700879	3	20.0	62	1561	1448	1537	1082265	631579	1263157
3	536947	1	8.0	59	1915	0	0	1623758	1263158	1894736
4	665614	2	14.0	98	1468	1789	0	2291287	1894737	2526315
5	301158	3	7.0	70	1783	1598	1706	2595702	2526316	3157894
6	948901	1	5.0	99	1025	0	0	3549690	3157895	3789473
7	564585	3	14.0	94	1957	1334	1922	4115300	3789474	4421052
8	521007	2	7.0	64	1304	1020	0	4641520	4421053	5052631
9	565670	3	13.0	79	1206	1639	1478	5209514	5052632	5684210
10	986533	1	8.0	88	1005	0	0	6200370	5684211	6315789
11	677770	2	11.0	88	1473	1868	0	6879145	6315790	6947368
12	406701	1	10.0	69	1049	0	0	7289187	6947369	7578947
13	787376	2	10.0	69	1264	1644	0	8077612	7578948	8210526
14	325260	3	15.0	85	1770	1564	1785	8405780	8210527	8842105
15	454612	2	9.0	85	1955	1322	0	8865511	8842106	9473684
16	1147118	2	8.0	58	1699	1217	0	10015906	9473685	10105263
17	408531	2	13.0	54	1386	1867	0	10427353	10105264	10736842
18	848731	3	12.0	63	1612	1450	1106	11279337	10736843	11368421
19	151885	1	18.0	85	1399	0	0	11435390	11368422	12000000

Total number of pulses in waveform = 38

Waveform Num = 7
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	869122	1	9.0	70	1131	0	0	869122	0	1199999
	1268160									

						New3RandParmBin5 for all bins				
2		1	14.0	88	1113	0	0	2138413	1200000	2399999
3	712104	1	20.0	58	1824	0	0	2851630	2400000	3599999
4	1522509	3	13.0	72	1575	1744	1276	4375963	3600000	4799999
5	780229	1	8.0	82	1890	0	0	5160787	4800000	5999999
6	1957408	3	12.0	89	1799	1615	1184	7120085	6000000	7199999
7	438414	2	7.0	86	1376	1404	0	7563097	7200000	8399999
8	941360	2	15.0	77	1416	1825	0	8507237	8400000	9599999
9	1335281	3	19.0	61	1500	1157	1936	9845759	9600000	10799999
10	2126061	2	7.0	53	1818	1666	0	11976413	10800000	11999999

Total number of pulses in waveform = 19

Waveform Num = 8
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	723971	1	15.0	50	1605	0	0	723971	0	749999
2	693951	3	20.0	63	1376	1823	1320	1419527	750000	1499999
3	462544	2	12.0	58	1540	1305	0	1886590	1500000	2249999
4	882120	2	11.0	52	1584	1170	0	2771555	2250000	2999999
5	656693	2	19.0	63	1310	1475	0	3431002	3000000	3749999
6	692221	1	16.0	59	1620	0	0	4126008	3750000	4499999
7	771280	3	17.0	98	1844	1064	1940	4898908	4500000	5249999
8	703476	1	7.0	71	1639	0	0	5607232	5250000	5999999
9	521093	2	12.0	67	1556	1435	0	6129964	6000000	6749999
10	1335977	1	5.0	78	1763	0	0	7468932	6750000	7499999
11	735241	3	16.0	67	1918	1646	1330	8205936	7500000	8249999
12	539394	2	17.0	95	1025	1884	0	8750224	8250000	8999999
13	304503	1	12.0	57	1295	0	0	9057636	9000000	9749999
14	904227	2	13.0	64	1704	1797	0	9963158	9750000	10499999
15	1006154	3	18.0	77	1420	1572	1588	10972813	10500000	11249999
16	567430	3	5.0	58	1331	1502	1640	11544823	11250000	11999999

Total number of pulses in waveform = 32

Waveform Num = 9
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1162026	3	20.0	62	1449	1705	1757	1162026	0	1333332
2	358293	3	6.0	54	1988	1988	1548	1525230	1333333	2666665
3	1229914	3	8.0	99	1434	1127	1983	2760668	2666666	3999998
4	2344492	2	7.0	92	1857	1544	0	5109704	3999999	5333331
5	383154	3	5.0	52	1747	1219	1214	5496259	5333332	6666664
6	2467072	3	16.0	88	1096	1897	1766	7967511	6666665	7999997
7	1308093	2	9.0	65	1601	1750	0	9280363	7999998	9333330
8	1210989	3	14.0	98	1580	1890	1206	10494703	9333331	10666663
9	1496013	3	12.0	79	1179	1535	1669	11995392	10666664	11999996

Total number of pulses in waveform = 25

Waveform Num = 10
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

New3RandParmBin5 for all bins										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	101831	1	20.0	55	1007	0	0	101831	0	923076
2	1319394	2	10.0	92	1132	1534	0	1422232	923077	1846153
3	589574	3	7.0	86	1148	1116	1308	2014472	1846154	2769230
4	1379985	2	16.0	76	1529	1780	0	3398029	2769231	3692307
5	716855	3	8.0	91	1046	1407	1091	4118193	3692308	4615384
6	1052715	2	9.0	80	1231	1890	0	5174452	4615385	5538461
7	1017273	1	6.0	81	1255	0	0	6194846	5538462	6461538
8	668395	1	12.0	59	1066	0	0	6864496	6461539	7384615
9	886983	3	20.0	73	1183	1280	1226	7752545	7384616	8307692
10	943073	2	20.0	51	1544	1673	0	8699307	8307693	9230769
11	573133	1	7.0	72	1760	0	0	9275657	9230770	10153846
12	1110174	1	12.0	83	1102	0	0	10387591	10153847	11076923
13	1283556	2	8.0	54	1590	1558	0	11672249	11076924	12000000

Total number of pulses in waveform = 24

Waveform Num = 11
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	491466	1	8.0	66	1962	0	0	491466	0	857142
2	732892	3	8.0	66	1864	1225	1559	1226320	857143	1714285
3	555879	3	14.0	57	1765	1448	1016	1786847	1714286	2571428
4	1608520	1	10.0	50	1267	0	0	3399596	2571429	3428571
5	188811	3	19.0	96	1593	1333	1939	3589674	3428572	4285714
6	1191614	1	15.0	96	1045	0	0	4786153	4285715	5142857
7	1190916	2	10.0	52	1080	1672	0	5978114	5142858	6000000
8	772605	3	17.0	84	1907	1959	1361	6753471	6000001	6857143
9	397216	3	12.0	59	1792	1651	1977	7155914	6857144	7714286
10	1122319	1	19.0	80	1417	0	0	8283653	7714287	8571429
11	891854	3	13.0	72	1165	1501	1563	9176924	8571430	9428572
12	354306	3	13.0	59	1314	1096	1010	9535459	9428573	10285715
13	1425732	2	7.0	85	1953	1247	0	10964611	10285716	11142858
14	344186	1	15.0	70	1835	0	0	11311997	11142859	12000001

Total number of pulses in waveform = 30

Waveform Num = 12
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	222182	3	8.0	54	1095	1054	1566	222182	0	599999
2	672523	1	13.0	88	1883	0	0	898420	600000	1199999
3	859248	3	8.0	84	1419	1876	1183	1759551	1200000	1799999
4	182792	2	19.0	96	1083	1248	0	1946821	1800000	2399999
5	503066	1	14.0	74	1932	0	0	2452218	2400000	2999999
6	998518	2	13.0	60	1407	1006	0	3452668	3000000	3599999
7	268722	2	5.0	89	1921	1861	0	3723803	3600000	4199999
	532907									

New3RandParmBin5 for all bins										
8		1	17.0	51	1592	0	0	4260492	4200000	4799999
9	968271	2	13.0	94	1266	1311	0	5230355	4800000	5399999
10	452876	2	14.0	60	1899	1204	0	5685808	5400000	5999999
11	680988	1	10.0	98	1708	0	0	6369899	6000000	6599999
12	771556	1	15.0	61	1845	0	0	7143163	6600000	7199999
13	116822	3	10.0	72	1817	1776	1213	7261830	7200000	7799999
14	585757	3	11.0	98	1170	1459	1191	7852393	7800000	8399999
15	1048438	2	10.0	91	1820	1876	0	8904651	8400000	8999999
16	681331	3	18.0	98	1644	1546	1376	9589678	9000000	9599999
17	159300	2	9.0	71	1946	1566	0	9753544	9600000	10199999
18	693188	2	6.0	70	1110	1191	0	10450244	10200000	10799999
19	540578	2	8.0	50	1481	1190	0	10993123	10800000	11399999
20	705846	1	20.0	98	1151	0	0	11701640	11400000	11999999

Total number of pulses in waveform = 39

Waveform Num = 13
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	589030	2	19.0	69	1513	1683	0	589030	0	631578
2	308822	1	17.0	71	1442	0	0	901048	631579	1263157
3	935410	2	12.0	84	1582	1957	0	1837900	1263158	1894736
4	527013	3	19.0	65	1040	1178	1960	2368452	1894737	2526315
5	652039	1	5.0	72	1112	0	0	3024669	2526316	3157894
6	147719	3	16.0	91	1034	1011	1184	3173500	3157895	3789473
7	1151895	2	20.0	50	1610	1362	0	4328624	3789474	4421052
8	650327	2	13.0	52	1132	1967	0	4981923	4421053	5052631
9	297216	2	13.0	76	1875	1449	0	5282238	5052632	5684210
10	551015	1	18.0	65	1430	0	0	5836577	5684211	6315789
11	992674	2	10.0	64	1353	1727	0	6830681	6315790	6947368
12	387558	2	13.0	71	1617	1755	0	7221319	6947369	7578947
13	750196	3	8.0	82	1998	1910	1096	7974887	7578948	8210526
14	709352	2	16.0	50	1683	1561	0	8689243	8210527	8842105
15	510251	3	15.0	99	1101	1552	1255	9202738	8842106	9473684
16	327041	1	19.0	59	1255	0	0	9533687	9473685	10105263
17	986890	2	6.0	100	1500	1809	0	10521832	10105264	10736842
18	515441	1	6.0	90	1126	0	0	11040582	10736843	11368421
19	677307	1	7.0	65	1089	0	0	11719015	11368422	12000000

Total number of pulses in waveform = 36

Waveform Num = 14
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	84888	2	9.0	73	1203	1371	0	84888	0	857142
2	1041658	2	6.0	61	1005	1115	0	1129120	857143	1714285
3	1024062	3	9.0	65	1166	1689	1885	2155302	1714286	2571428
4	726822	3	20.0	91	1861	1766	1656	2886864	2571429	3428571
	1200408									

						New3RandParmBin5 for all bins				
5		1	17.0	68	1852	0	0	4092555	3428572	4285714
6	614774	3	14.0	73	1921	1837	1705	4709181	4285715	5142857
7	1043734	3	8.0	92	1108	1439	1501	5758378	5142858	6000000
8	855936	3	17.0	98	1929	1874	1984	6618362	6000001	6857143
9	863957	2	6.0	76	1240	1231	0	7488106	6857144	7714286
10	1070494	2	7.0	59	1711	1001	0	8561071	7714287	8571429
11	91711	1	9.0	93	1160	0	0	8655494	8571430	9428572
12	858863	2	20.0	68	1995	1966	0	9515517	9428573	10285715
13	1404086	1	15.0	80	1009	0	0	10923564	10285716	11142858
14	849775	1	15.0	90	1103	0	0	11774348	11142859	12000001

Total number of pulses in waveform = 29

Waveform Num = 15
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	974572	2	5.0	78	1848	1158	0	974572	0	999999
2	648950	3	9.0	71	1762	1356	1506	1626528	1000000	1999999
3	978540	2	18.0	97	1629	1119	0	2609692	2000000	2999999
4	469714	1	18.0	93	1993	0	0	3082154	3000000	3999999
5	1376244	2	17.0	77	1954	1868	0	4460391	4000000	4999999
6	1296972	2	6.0	81	1460	1273	0	5761185	5000000	5999999
7	555340	2	12.0	80	1011	1957	0	6319258	6000000	6999999
8	1457231	3	8.0	75	1343	1009	1171	7779457	7000000	7999999
9	476700	3	18.0	88	1713	1816	1211	8259680	8000000	8999999
10	1543806	2	5.0	81	1147	1221	0	9808226	9000000	9999999
11	430051	1	5.0	74	1719	0	0	10240645	10000000	10999999
12	1396105	2	5.0	59	1829	1304	0	11638469	11000000	11999999

Total number of pulses in waveform = 25

Waveform Num = 16
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	210776	3	10.0	76	1119	1540	1744	210776	0	857142
2	1301410	1	10.0	98	1759	0	0	1516589	857143	1714285
3	661906	2	9.0	93	1020	1894	0	2180254	1714286	2571428
4	1022144	1	13.0	91	1911	0	0	3205312	2571429	3428571
5	338505	1	11.0	67	1145	0	0	3545728	3428572	4285714
6	1425364	1	6.0	57	1476	0	0	4972237	4285715	5142857
7	406789	3	19.0	86	1753	1964	1701	5380502	5142858	6000000
8	1210166	3	8.0	55	1972	1035	1489	6596086	6000001	6857143
9	352995	1	19.0	51	1451	0	0	6953577	6857144	7714286
10	890118	2	20.0	96	1895	1966	0	7845146	7714287	8571429
11	1263189	1	9.0	54	1555	0	0	9112196	8571430	9428572
12	911800	2	16.0	70	1904	1696	0	10025551	9428573	10285715
13	844602	1	17.0	67	1901	0	0	10873753	10285716	11142858
14	589190	2	17.0	96	1980	1457	0	11464844	11142859	12000001

Total number of pulses in waveform = 24

New3RandParmBin5 for all bins

♀
Waveform Num = 17
Num of Bursts = 15
Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	206607	1	7.0	68	1450	0	0	206607	0	799999
2	1169204	1	20.0	57	1089	0	0	1377261	800000	1599999
3	849235	3	9.0	75	1318	1689	1269	2227585	1600000	2399999
4	961039	1	5.0	74	1345	0	0	3192900	2400000	3199999
5	160788	2	10.0	71	1152	1948	0	3355033	3200000	3999999
6	1377893	3	15.0	76	1976	1884	1119	4736026	4000000	4799999
7	732925	1	9.0	88	1957	0	0	5473930	4800000	5599999
8	612399	1	8.0	57	1036	0	0	6088286	5600000	6399999
9	965315	1	10.0	50	1791	0	0	7054637	6400000	7199999
10	873240	1	10.0	84	1418	0	0	7929668	7200000	7999999
11	755046	2	19.0	67	1789	1227	0	8686132	8000000	8799999
12	476303	3	17.0	93	1279	1807	1288	9165451	8800000	9599999
13	818664	2	9.0	92	1946	1301	0	9988489	9600000	10399999
14	672360	3	7.0	98	1705	1243	1499	10664096	10400000	11199999
15	1011030	1	6.0	83	1533	0	0	11679573	11200000	11999999
Total number of pulses in waveform = 26										

♀
Waveform Num = 18
Num of Bursts = 18
Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	431107	3	18.0	90	1424	1988	1578	431107	0	666666
2	517085	3	5.0	96	1452	1089	1219	953182	666667	1333333
3	726238	3	10.0	61	1758	1779	1318	1683180	1333334	2000000
4	514831	2	8.0	69	1236	1623	0	2202866	2000001	2666667
5	655669	3	11.0	52	1160	1473	1189	2861394	2666668	3333334
6	702046	2	9.0	77	1209	1155	0	3567262	3333335	4000001
7	546420	3	6.0	77	1245	1456	1962	4116046	4000002	4666668
8	998654	3	7.0	85	1942	1151	1251	5119363	4666669	5333335
9	423194	2	13.0	68	1734	1887	0	5546901	5333336	6000002
10	968464	3	10.0	87	1718	1172	1849	6518986	6000003	6666669
11	278251	1	8.0	90	1545	0	0	6801976	6666670	7333336
12	1000941	3	7.0	84	1268	1184	1923	7804462	7333337	8000003
13	362266	3	10.0	72	1636	1572	1405	8171103	8000004	8666670
14	505741	1	17.0	93	1308	0	0	8681457	8666671	9333337
15	1300212	3	17.0	78	1542	1745	1656	9982977	9333338	10000004
16	340902	2	18.0	83	1294	1839	0	10328822	10000005	10666671
17	587376	3	19.0	95	1341	1197	1058	10919331	10666672	11333338
18	835979	3	6.0	94	1702	1853	1315	11758906	11333339	12000005
Total number of pulses in waveform = 46										

♀
Waveform Num = 19
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
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#	(us)	Pulses	(MHz)	(us)	Pri(us)	New3RandParmBin5 for all bins			Interval(us)	Interval(us)
						Pri(us)	Pri(us)	(us)		
1	1100142	3	17.0	63	1580	1928	1465	1100142	0	1199999
2	1013455	1	7.0	52	1236	0	0	2118570	1200000	2399999
3	1055218	1	18.0	82	1259	0	0	3175024	2400000	3599999
4	697062	2	9.0	91	1084	1083	0	3873345	3600000	4799999
5	1381167	1	17.0	53	1290	0	0	5256679	4800000	5999999
6	782498	3	13.0	81	1625	1771	1386	6040467	6000000	7199999
7	1631424	3	12.0	77	1571	1259	1122	7676673	7200000	8399999
8	1437110	2	6.0	74	1030	1352	0	9117735	8400000	9599999
9	607108	1	14.0	87	1576	0	0	9727225	9600000	10799999
10	1199322	3	17.0	53	1534	1264	1995	10928123	10800000	11999999

Total number of pulses in waveform = 20

Waveform Num = 20
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	18448	3	13.0	64	1165	1471	1347	18448	0	1499999
2	1485450	1	5.0	69	1725	0	0	1507881	1500000	2999999
3	2461005	1	19.0	54	1597	0	0	3970611	3000000	4499999
4	581826	2	14.0	64	1105	1271	0	4554034	4500000	5999999
5	2464254	3	15.0	99	1055	1096	1177	7020664	6000000	7499999
6	737540	3	16.0	83	1329	1524	1936	7761532	7500000	8999999
7	2244870	1	5.0	79	1282	0	0	10011191	9000000	10499999
8	1107822	1	7.0	71	1464	0	0	11120295	10500000	11999999

Total number of pulses in waveform = 15

Waveform Num = 21
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	485678	2	6.0	66	1451	1844	0	485678	0	857142
2	779566	3	5.0	63	1997	1438	1677	1268539	857143	1714285
3	536886	2	14.0	57	1302	1628	0	1810537	1714286	2571428
4	760013	2	12.0	87	1181	1895	0	2573480	2571429	3428571
5	932552	3	11.0	68	1323	1488	1918	3509108	3428572	4285714
6	1060424	3	18.0	62	1162	1321	1891	4574261	4285715	5142857
7	1031716	3	16.0	90	1735	1559	1587	5610351	5142858	6000000
8	1202478	3	18.0	96	1484	1617	1806	6817710	6000001	6857143
9	419597	2	9.0	73	1303	1861	0	7242214	6857144	7714286
10	1095711	1	20.0	51	1948	0	0	8341089	7714287	8571429
11	274459	2	14.0	64	1381	1825	0	8617496	8571430	9428572
12	974932	3	17.0	63	1326	1896	1004	9595634	9428573	10285715
13	1044355	2	10.0	76	1152	1620	0	10644215	10285716	11142858
14	702321	2	19.0	94	1668	1031	0	11349308	11142859	12000001

Total number of pulses in waveform = 33

Waveform Num = 22
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
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#	(us)	Pulses	(MHz)	(us)	Pri(us)	New3RandParmBin5 for all bins			Interval(us)	Interval(us)
						Pri(us)	Pri(us)	(us)		
1	766243	2	6.0	64	1436	1603	0	766243	0	1199999
2	1406925	3	7.0	50	1843	1680	1257	2176207	1200000	2399999
3	1078448	3	11.0	85	1483	1766	1909	3259435	2400000	3599999
4	428941	3	19.0	83	1796	1991	1563	3693534	3600000	4799999
5	1112811	1	10.0	62	1912	0	0	4811695	4800000	5999999
6	2064348	3	10.0	70	1518	1249	1041	6877955	6000000	7199999
7	756314	2	9.0	99	1768	1898	0	7638077	7200000	8399999
8	1398198	3	13.0	52	1188	1257	1020	9039941	8400000	9599999
9	1743959	3	14.0	92	1398	1179	1006	10787365	9600000	10799999
10	400254	1	17.0	91	1365	0	0	11191202	10800000	11999999

Total number of pulses in waveform = 24

Waveform Num = 23
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	286448	1	9.0	51	1419	0	0	286448	0	705881
2	525511	3	18.0	57	1342	1224	1473	813378	705882	1411763
3	1118612	1	18.0	73	1436	0	0	1936029	1411764	2117645
4	402966	3	14.0	60	1704	1081	1987	2340431	2117646	2823527
5	733637	3	10.0	87	1271	1325	1566	3078840	2823528	3529409
6	546131	3	20.0	64	1434	1753	1328	3629133	3529410	4235291
7	813327	3	9.0	86	1120	1779	1050	4446975	4235292	4941173
8	800106	2	8.0	57	1369	1601	0	5251030	4941174	5647055
9	774726	3	12.0	65	1437	1984	1982	6028726	5647056	6352937
10	510922	1	11.0	79	1216	0	0	6545051	6352938	7058819
11	921303	1	8.0	83	1079	0	0	7467570	7058820	7764701
12	454105	3	20.0	70	1117	1234	1030	7922754	7764702	8470583
13	832653	3	18.0	71	1661	1969	1455	8758788	8470584	9176465
14	692089	3	9.0	98	1553	1831	1801	9455962	9176466	9882347
15	949659	2	11.0	72	1645	1241	0	10410806	9882348	10588229
16	549589	3	13.0	74	1517	1808	1309	10963281	10588230	11294111
17	527059	3	18.0	66	1761	1209	1170	11494974	11294112	11999993

Total number of pulses in waveform = 41

Waveform Num = 24
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	169088	2	5.0	81	1068	1059	0	169088	0	599999
2	769961	2	10.0	95	1431	1134	0	941176	600000	1199999
3	791826	3	11.0	67	1256	1423	1248	1735567	1200000	1799999
4	594289	2	18.0	52	1673	1436	0	2333783	1800000	2399999
5	353637	3	15.0	53	1399	1488	1714	2690529	2400000	2999999
6	731889	2	14.0	70	1642	1076	0	3427019	3000000	3599999
7	203125	1	9.0	56	1020	0	0	3632862	3600000	4199999
8	1090729	1	12.0	51	1908	0	0	4724611	4200000	4799999
	358603									

New3RandParmBin5 for all bins										
9		1	6.0	77	1981	0	0	5085122	4800000	5399999
	756561	1	14.0	91	1521	0	0	5843664	5400000	5999999
10	504057	1	9.0	63	1742	0	0	6349242	6000000	6599999
11	540671	3	14.0	55	1601	1432	1771	6891655	6600000	7199999
12	405546	1	5.0	69	1089	0	0	7302005	7200000	7799999
13	1078978	2	14.0	63	1739	1098	0	8382072	7800000	8399999
14	301116	3	16.0	56	1997	1864	1688	8686025	8400000	8999999
15	437896	3	9.0	52	1299	1609	1840	9129470	9000000	9599999
16	1053844	1	11.0	79	1763	0	0	10188062	9600000	10199999
17	108127	2	12.0	68	1881	1150	0	10297952	10200000	10799999
18	834384	1	13.0	81	1711	0	0	11135367	10800000	11399999
19	661045	2	20.0	66	1090	1023	0	11798123	11400000	11999999

Total number of pulses in waveform = 37

Waveform Num = 25
Num of Bursts = 10
Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	657620	2	5.0	86	1504	1419	0	657620	0	1199999
2	1630219	2	16.0	69	1331	1314	0	2290762	1200000	2399999
3	786093	2	14.0	82	1808	1681	0	3079500	2400000	3599999
4	518014	1	13.0	64	1470	0	0	3601003	3600000	4799999
5	1939150	3	14.0	59	1417	1686	1848	5541623	4800000	5999999
6	1268936	3	9.0	76	1189	1377	1308	6815510	6000000	7199999
7	875250	2	18.0	88	1827	1167	0	7694634	7200000	8399999
8	797837	2	5.0	93	1582	1231	0	8495465	8400000	9599999
9	2154845	3	15.0	87	1516	1707	1885	10653123	9600000	10799999
10	1173981	1	20.0	71	1430	0	0	11832212	10800000	11999999

Total number of pulses in waveform = 21

Waveform Num = 26
Num of Bursts = 11
Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	719264	1	9.0	94	1143	0	0	719264	0	1090908
2	1356837	3	5.0	96	1659	1467	1134	2077244	1090909	2181817
3	281001	2	11.0	55	1234	1780	0	2362505	2181818	3272726
4	1200835	1	8.0	54	1229	0	0	3566354	3272727	4363635
5	1727603	1	14.0	71	1509	0	0	5295186	4363636	5454544
6	272254	2	12.0	62	1271	1151	0	5568949	5454545	6545453
7	1119663	3	12.0	69	1243	1244	1691	6691034	6545454	7636362
8	1849309	1	19.0	92	1600	0	0	8544521	7636363	8727271
9	762032	2	11.0	71	1556	1719	0	9308153	8727272	9818180
10	542160	3	19.0	55	1417	1849	1641	9853588	9818181	10909089
11	1301165	1	8.0	70	1734	0	0	11159660	10909090	11999998

Total number of pulses in waveform = 20

Waveform Num = 27
Num of Bursts = 15
Burst Interval (us) = 800000.0

Burst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
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#	(us)	Pulses	(MHz)	(us)	Pri(us)	New3RandParmBin5 for all bins			Interval(us)	Interval(us)
						Pri(us)	Pri(us)	(us)		
1	237113	2	13.0	56	1335	1662	0	237113	0	799999
2	1126152	1	10.0	81	1138	0	0	1366262	800000	1599999
3	288383	3	14.0	86	1265	1793	1772	1655783	1600000	2399999
4	1023877	2	14.0	81	1064	1573	0	2684490	2400000	3199999
5	622275	3	19.0	94	1479	1116	1872	3309402	3200000	3999999
6	1163484	3	9.0	77	1323	1824	1985	4477353	4000000	4799999
7	671343	1	20.0	61	1936	0	0	5153828	4800000	5599999
8	853072	1	11.0	74	1936	0	0	6008836	5600000	6399999
9	482715	3	7.0	95	1858	1262	1823	6493487	6400000	7199999
10	1347475	1	12.0	61	1802	0	0	7845905	7200000	7999999
11	320351	3	15.0	76	1205	1590	1878	8168058	8000000	8799999
12	795309	3	17.0	91	1281	1222	1242	8968040	8800000	9599999
13	905331	1	9.0	65	1183	0	0	9877116	9600000	10399999
14	531077	2	20.0	81	1329	1848	0	10409376	10400000	11199999
15	968855	2	10.0	94	1768	1375	0	11381408	11200000	11999999

Total number of pulses in waveform = 31

Waveform Num = 28
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	95049	1	11.0	64	1161	0	0	95049	0	599999
2	671398	1	8.0	91	1381	0	0	767608	600000	1199999
3	904999	3	12.0	91	1168	1784	1247	1673988	1200000	1799999
4	578200	3	9.0	90	1597	1534	1830	2256387	1800000	2399999
5	232339	3	16.0	50	1133	1015	1362	2493687	2400000	2999999
6	988252	1	17.0	99	1343	0	0	3485449	3000000	3599999
7	410271	2	10.0	82	1331	1729	0	3897063	3600000	4199999
8	891789	2	19.0	51	1271	1784	0	4791912	4200000	4799999
9	208564	2	9.0	88	1722	1594	0	5003531	4800000	5399999
10	770735	3	18.0	79	1217	1473	1035	5777582	5400000	5999999
11	679641	1	8.0	67	1716	0	0	6460948	6000000	6599999
12	520977	3	17.0	74	1185	1322	1004	6983641	6600000	7199999
13	704870	2	9.0	92	1132	1084	0	7692022	7200000	7799999
14	260745	1	14.0	72	1699	0	0	7954983	7800000	8399999
15	499982	1	6.0	62	1650	0	0	8456664	8400000	8999999
16	554486	3	18.0	64	1074	1884	1806	9012800	9000000	9599999
17	1041242	2	13.0	73	1494	1740	0	10058806	9600000	10199999
18	494357	3	8.0	96	1890	1592	1243	10556397	10200000	10799999
19	611617	2	5.0	83	1654	1144	0	11172739	10800000	11399999
20	247094	1	5.0	71	1376	0	0	11422631	11400000	11999999

Total number of pulses in waveform = 40

Waveform Num = 29
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1051183									

						New3RandParmBin5 for all bins				
1	629592	1	5.0	82	1619	0	0	1051183	0	1499999
2	2147550	1	11.0	65	1504	0	0	1682394	1500000	2999999
3	1107672	1	7.0	71	1682	0	0	3831448	3000000	4499999
4	2083043	1	18.0	68	1778	0	0	4940802	4500000	5999999
5	1639385	3	5.0	52	1941	1156	1716	7025623	6000000	7499999
6	1046819	2	20.0	79	1703	1751	0	8669821	7500000	8999999
7	884850	2	16.0	59	1075	1620	0	9720094	9000000	10499999
8		2	15.0	87	1882	1925	0	10607639	10500000	11999999

Total number of pulses in waveform = 13

Waveform Num = 30
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	522587	1	11.0	55	1695	0	0	522587	0	749999
2	276975	1	14.0	68	1701	0	0	801257	750000	1499999
3	825636	2	15.0	91	1885	1420	0	1628594	1500000	2249999
4	839740	2	6.0	59	1769	1603	0	2471639	2250000	2999999
5	1056296	1	8.0	98	1957	0	0	3531307	3000000	3749999
6	575369	3	5.0	88	1321	1240	1362	4108633	3750000	4499999
7	864973	1	8.0	93	1360	0	0	4977529	4500000	5249999
8	941583	1	8.0	84	1293	0	0	5920472	5250000	5999999
9	780456	1	7.0	61	1665	0	0	6702221	6000000	6749999
10	652230	1	18.0	68	1540	0	0	7356116	6750000	7499999
11	887200	1	16.0	66	1817	0	0	8244856	7500000	8249999
12	168015	2	12.0	50	1395	1407	0	8414688	8250000	8999999
13	899614	1	8.0	100	1838	0	0	9317104	9000000	9749999
14	931512	1	5.0	55	1509	0	0	10250454	9750000	10499999
15	772190	2	6.0	96	1742	1887	0	11024153	10500000	11249999
16	859282	3	10.0	98	1489	1955	1442	11887064	11250000	11999999

Total number of pulses in waveform = 24