

Random parameters Bin5

10MHz bandwidth

Random DFS waveform parameters (NewBin5) 22-Jun-2015 16:59:09

Waveform Num = 1
 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	117879	3	10.0	83	1214	1564	1523	117879	0	749999
2	1230987	1	5.0	59	1646	0	0	1353167	750000	1499999
3	356952	2	9.0	78	1009	1075	0	1711765	1500000	2249999
4	1214644	3	18.0	76	1487	1944	1125	2928493	2250000	2999999
5	167155	3	18.0	56	1736	1332	1477	3100204	3000000	3749999
6	691435	2	6.0	87	1192	1644	0	3796184	3750000	4499999
7	1053940	1	7.0	65	1688	0	0	4852960	4500000	5249999
8	571055	1	5.0	70	1884	0	0	5425703	5250000	5999999
9	1147651	2	11.0	96	1241	1669	0	6575238	6000000	6749999
10	706097	1	12.0	99	1960	0	0	7284245	6750000	7499999
11	550402	3	9.0	82	1893	1495	1555	7836607	7500000	8249999
12	1068501	1	14.0	62	1295	0	0	8910051	8250000	8999999
13	811149	3	19.0	84	1773	1081	1382	9722495	9000000	9749999
14	541832	3	8.0	97	1077	1436	1238	10268563	9750000	10499999
15	777109	3	20.0	93	1830	1580	1461	11049423	10500000	11249999
16	440219	1	15.0	87	1047	0	0	11494513	11250000	11999999

Total number of pulses in waveform = 33

♀
 Waveform Num = 2
 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	1109877	3	18.0	59	1426	1309	1434	1109877	0	1199999
2	1254190	1	12.0	69	1348	0	0	2368236	1200000	2399999
3	753471	2	5.0	69	1536	1678	0	3123055	2400000	3599999
4	1098552	3	13.0	86	1430	1358	1154	4224821	3600000	4799999
5	887142	3	12.0	89	1618	1488	1274	5115905	4800000	5999999
6	977578	1	19.0	74	1965	0	0	6097863	6000000	7199999
7	1750218	1	17.0	65	1535	0	0	7850046	7200000	8399999
8	1465965	3	20.0	79	1119	1625	1730	9317546	8400000	9599999
9	1458530	2	11.0	99	1020	1938	0	10780550	9600000	10799999
10	679485	1	13.0	97	1413	0	0	11462993	10800000	11999999

Total number of pulses in waveform = 20

♀
 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	70719	1	17.0	76	1764	0	0	70719	0	749999
2	1269107	2	20.0	76	1847	1971	0	1341590	750000	1499999
3	578458	2	17.0	82	1002	1002	0	1923866	1500000	2249999
4	464534	3	19.0	55	1025	1589	1562	2390404	2250000	2999999
5	1020439	2	6.0	54	1670	1236	0	3415019	3000000	3749999

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6	954306	3	5.0	78	1944	1182	1470	4372231	3750000	4499999
7	816098	2	7.0	86	1670	1652	0	5192925	4500000	5249999
8	89752	2	19.0	69	1159	1499	0	5285999	5250000	5999999
9	840312	2	6.0	85	1582	1552	0	6128969	6000000	6749999
10	1143168	1	15.0	85	1101	0	0	7275271	6750000	7499999
11	260265	1	10.0	85	1730	0	0	7536637	7500000	8249999
12	1441242	3	11.0	74	1720	1711	1920	8979609	8250000	8999999
13	504634	2	7.0	90	2000	1849	0	9489594	9000000	9749999
14	408759	2	20.0	95	1672	1676	0	9902202	9750000	10499999
15	703791	1	5.0	93	1612	0	0	10609341	10500000	11249999
16	880736	2	5.0	88	1130	1137	0	11491689	11250000	11999999

Total number of pulses in waveform = 31

♀

Waveform Num = 4

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	32369	1	7.0	94	1764	0	0	32369	0	999999
2	1359228	2	8.0	66	1967	1305	0	1393361	1000000	1999999
3	1332965	1	16.0	67	1650	0	0	2729598	2000000	2999999
4	560391	2	16.0	66	1072	1882	0	3291639	3000000	3999999
5	1339235	3	7.0	62	1123	1135	1649	4633828	4000000	4999999
6	1066251	3	11.0	56	1985	1144	1480	5703986	5000000	5999999
7	647528	1	13.0	78	1813	0	0	6356123	6000000	6999999
8	1448080	1	20.0	53	1033	0	0	7806016	7000000	7999999
9	461927	1	14.0	87	1007	0	0	8268976	8000000	8999999
10	1151647	2	12.0	94	1671	1453	0	9421630	9000000	9999999
11	1307071	1	6.0	61	1855	0	0	10731825	10000000	10999999
12	350417	3	12.0	83	1287	1100	1501	11084097	11000000	11999999

Total number of pulses in waveform = 21

♀

Waveform Num = 5

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	89481	1	8.0	96	1621	0	0	89481	0	599999
2	568755	2	14.0	92	1550	1771	0	659857	600000	1199999
3	1047799	2	17.0	79	1811	1292	0	1710977	1200000	1799999
4	574064	2	17.0	99	1145	1030	0	2288144	1800000	2399999
5	570829	3	19.0	76	1680	1486	1941	2861148	2400000	2999999
6	214535	2	17.0	83	1332	1027	0	3080790	3000000	3599999
7	779371	2	17.0	83	1632	1682	0	3862520	3600000	4199999
8	824202	3	13.0	51	1490	1069	1706	4690036	4200000	4799999
9	412320	3	5.0	53	1249	1658	1655	5106621	4800000	5399999
10	768449	1	5.0	71	1164	0	0	5879632	5400000	5999999
11	136692	3	13.0	54	1942	1859	1672	6017488	6000000	6599999
12	1009020	3	6.0	67	1206	1184	1722	7031981	6600000	7199999
13	529766	1	18.0	90	1612	0	0	7565859	7200000	7799999

Random parameters Bin5

14	504129	2	20.0	70	1538	1120	0	8071600	7800000	8399999
15	711972	3	19.0	77	1672	1688	1397	8786230	8400000	8999999
16	481063	3	11.0	100	1910	1638	1870	9272050	9000000	9599999
17	846967	1	5.0	74	1714	0	0	10124435	9600000	10199999
18	329279	1	16.0	90	1496	0	0	10455428	10200000	10799999
19	389439	3	11.0	86	1464	1742	1931	10846363	10800000	11399999
20	857594	2	12.0	92	1593	1002	0	11709094	11400000	11999999

Total number of pulses in waveform = 43

♀

Waveform Num = 6
 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	481976	3	18.0	64	1835	1052	1156	481976	0	857142
2	665509	3	12.0	65	1962	1679	1493	1151528	857143	1714285
3	1224734	1	17.0	92	1314	0	0	2381396	1714286	2571428
4	529423	2	19.0	54	1052	1357	0	2912133	2571429	3428571
5	1113112	3	18.0	54	1676	1847	1296	4027654	3428572	4285714
6	967102	3	10.0	56	1653	1769	1857	4999575	4285715	5142857
7	372555	3	14.0	88	1267	1157	1450	5377409	5142858	6000000
8	1152837	1	5.0	92	1907	0	0	6534120	6000001	6857143
9	1155585	2	15.0	83	1351	1413	0	7691612	6857144	7714286
10	610819	1	11.0	70	1338	0	0	8305195	7714287	8571429
11	788521	2	10.0	76	1965	1841	0	9095054	8571430	9428572
12	942062	1	19.0	61	1630	0	0	10040922	9428573	10285715
13	269505	3	20.0	100	1180	1266	1457	10312057	10285716	11142858
14	1333639	1	10.0	76	1128	0	0	11649599	11142859	12000001

Total number of pulses in waveform = 29

♀

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	74151	2	8.0	77	1730	1567	0	74151	0	1199999
2	1200763	1	20.0	50	1135	0	0	1278211	1200000	2399999
3	1368748	1	10.0	57	1002	0	0	2648094	2400000	3599999
4	2140446	1	16.0	84	1295	0	0	4789542	3600000	4799999
5	613081	3	20.0	69	1330	1484	1788	5403918	4800000	5999999
6	1435956	1	9.0	100	1528	0	0	6844476	6000000	7199999
7	1320032	3	8.0	63	1161	1410	1983	8166036	7200000	8399999
8	262830	2	12.0	77	1324	1076	0	8433420	8400000	9599999
9	1681623	3	9.0	60	1684	1301	1457	10117443	9600000	10799999
10	1001265	3	16.0	75	1686	1237	1221	11123150	10800000	11999999

Total number of pulses in waveform = 20

♀

Waveform Num = 8
 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	195800	2	8.0	53	1123	1586	0	195800	0	1090908

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2	1744669	3	20.0	70	1869	1148	1298	1943178	1090909	2181817
3	278796	3	13.0	87	1355	1604	1210	2226289	2181818	3272726
4	1842589	3	10.0	67	1365	1346	1329	4073047	3272727	4363635
5	658440	1	7.0	100	1061	0	0	4735527	4363636	5454544
6	799798	3	13.0	94	1604	1990	1247	5536386	5454545	6545453
7	1813189	3	11.0	85	1381	1618	1969	7354416	6545454	7636362
8	1188186	3	16.0	69	1759	1928	1218	8547570	7636363	8727271
9	1124148	2	9.0	81	1918	1739	0	9676623	8727272	9818180
10	1216804	2	14.0	90	1095	1471	0	10897084	9818181	10909089
11	277563	1	14.0	59	1063	0	0	11177213	10909090	11999998

Total number of pulses in waveform = 26

♀
Waveform Num = 9
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	294218	3	19.0	58	1066	1126	1833	294218	0	749999
2	610214	3	12.0	98	1987	1107	1585	908457	750000	1499999
3	756198	2	20.0	92	1657	1304	0	1669334	1500000	2249999
4	1032401	3	18.0	60	1644	1926	1047	2704696	2250000	2999999
5	296574	1	18.0	81	1141	0	0	3005887	3000000	3749999
6	867521	2	7.0	80	1654	1698	0	3874549	3750000	4499999
7	903816	2	14.0	93	1577	1335	0	4781717	4500000	5249999
8	528686	3	17.0	75	1899	1222	1030	5313315	5250000	5999999
9	1084684	3	20.0	79	1402	1581	1332	6402150	6000000	6749999
10	614405	2	6.0	50	1417	1514	0	7020870	6750000	7499999
11	759318	1	5.0	87	1547	0	0	7783119	7500000	8249999
12	493649	1	5.0	55	1152	0	0	8278315	8250000	8999999
13	1088058	3	6.0	70	1797	1501	1392	9367525	9000000	9749999
14	438760	3	9.0	94	1558	1928	1983	9810975	9750000	10499999
15	910493	3	11.0	78	1036	1429	1021	10726937	10500000	11249999
16	999844	1	9.0	86	1454	0	0	11730267	11250000	11999999

Total number of pulses in waveform = 36

♀
Waveform Num = 10
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	715025	3	12.0	77	1455	1211	1048	715025	0	749999
2	391745	3	7.0	91	1325	1249	1457	1110484	750000	1499999
3	947055	3	5.0	93	1583	1480	1940	2061570	1500000	2249999
4	414234	1	5.0	77	1612	0	0	2480807	2250000	2999999
5	832879	2	8.0	61	1486	1791	0	3315298	3000000	3749999
6	962174	3	17.0	71	1401	1131	1045	4280749	3750000	4499999
7	372776	3	19.0	65	1933	1586	1661	4657102	4500000	5249999
8	864180	3	20.0	87	1019	1243	1506	5526462	5250000	5999999
9	912508	2	14.0	65	1315	1361	0	6442738	6000000	6749999
10	858379	1	11.0	80	1621	0	0	7303793	6750000	7499999

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11	922523	2	15.0	78	1561	1951	0	8227937	7500000	8249999
12	259224	3	9.0	51	1676	1967	1639	8490673	8250000	8999999
13	588304	3	18.0	62	1390	1829	1455	9084259	9000000	9749999
14	687033	3	5.0	91	1553	1718	1574	9775966	9750000	10499999
15	901085	1	14.0	59	1827	0	0	10681896	10500000	11249999
16	659495	1	6.0	67	1651	0	0	11343218	11250000	11999999

Total number of pulses in waveform = 37

♀
Waveform Num = 11
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	215835	1	15.0	78	1451	0	0	215835	0	666666
2	486176	2	7.0	90	1393	1708	0	703462	666667	1333333
3	833240	3	13.0	57	1067	1451	1245	1539803	1333334	2000000
4	1077237	1	13.0	61	1904	0	0	2620803	2000001	2666667
5	319516	2	20.0	55	1218	1329	0	2942223	2666668	3333334
6	716799	2	13.0	76	1357	1725	0	3661569	3333335	4000001
7	803427	1	5.0	51	1461	0	0	4468078	4000002	4666668
8	210688	1	8.0	60	1490	0	0	4680227	4666669	5333335
9	1156706	2	12.0	82	1357	1045	0	5838423	5333336	6000002
10	541518	2	8.0	80	1866	1614	0	6382343	6000003	6666669
11	646931	3	18.0	97	1514	1811	1819	7032754	6666670	7333336
12	614494	1	20.0	56	1766	0	0	7652392	7333337	8000003
13	707589	3	11.0	96	1129	1355	1646	8361747	8000004	8666670
14	596729	1	18.0	72	1566	0	0	8962606	8666671	9333337
15	668569	2	10.0	87	1166	1877	0	9632741	9333338	10000004
16	696321	2	11.0	59	1952	1429	0	10332105	10000005	10666671
17	955632	3	18.0	63	1397	1475	1742	11291118	10666672	11333338
18	71702	3	11.0	52	1282	1798	1314	11367434	11333339	12000005

Total number of pulses in waveform = 35

♀
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	348791	2	5.0	52	1450	1140	0	348791	0	599999
2	273211	2	17.0	78	1620	1676	0	624592	600000	1199999
3	944995	3	9.0	80	1610	1553	1033	1572883	1200000	1799999
4	367845	1	12.0	96	1350	0	0	1944924	1800000	2399999
5	857243	2	10.0	77	1367	1702	0	2803517	2400000	2999999
6	347694	2	17.0	84	1874	1277	0	3154280	3000000	3599999
7	705889	3	16.0	84	1655	1337	1420	3863320	3600000	4199999
8	798605	1	14.0	97	1130	0	0	4666337	4200000	4799999
9	539098	3	11.0	99	1215	1050	1333	5206565	4800000	5399999
10	370436	2	17.0	78	1218	1460	0	5580599	5400000	5999999
11	831310	1	7.0	75	1293	0	0	6414587	6000000	6599999
12	772624	2	16.0	73	1189	1108	0	7188504	6600000	7199999

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13	533980	1	20.0	70	1586	0	0	7724781	7200000	7799999
14	185079	3	7.0	81	1951	1213	1732	7911446	7800000	8399999
15	1027301	2	16.0	90	1398	1763	0	8943643	8400000	8999999
16	423119	2	20.0	58	1806	1796	0	9369923	9000000	9599999
17	587053	3	17.0	62	1767	1052	1313	9960578	9600000	10199999
18	557445	3	11.0	86	1844	1057	1498	10522155	10200000	10799999
19	637030	1	6.0	73	1428	0	0	11163584	10800000	11399999
20	559450	2	17.0	92	1198	1938	0	11724462	11400000	11999999

Total number of pulses in waveform = 41

♀
Waveform Num = 13
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	700687	1	9.0	88	1217	0	0	700687	0	1333332
2	989786	3	6.0	97	1715	1655	1038	1691690	1333333	2666665
3	1675370	1	20.0	53	1220	0	0	3371468	2666666	3999998
4	678878	1	19.0	69	1601	0	0	4051566	3999999	5333331
5	2373632	1	8.0	65	1439	0	0	6426799	5333332	6666664
6	371520	2	6.0	75	1347	1683	0	6799758	6666665	7999997
7	1935710	2	8.0	84	1578	1477	0	8738498	7999998	9333330
8	1150225	3	8.0	60	1319	1141	1778	9891778	9333331	10666663
9	1845590	3	17.0	97	1210	1481	1963	11741606	10666664	11999996

Total number of pulses in waveform = 17

♀
Waveform Num = 14
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	156092	1	6.0	76	1603	0	0	156092	0	1333332
2	1672526	2	16.0	92	1535	1609	0	1830221	1333333	2666665
3	1994405	2	9.0	76	1468	1442	0	3827770	2666666	3999998
4	284112	3	14.0	55	1994	1161	1413	4114792	3999999	5333331
5	1997030	3	7.0	52	1041	1753	1472	6116390	5333332	6666664
6	1142535	1	11.0	68	1278	0	0	7263191	6666665	7999997
7	1711583	1	16.0	71	1701	0	0	8976052	7999998	9333330
8	1127216	1	10.0	57	1469	0	0	10104969	9333331	10666663
9	1697600	2	11.0	91	1283	1266	0	11804038	10666664	11999996

Total number of pulses in waveform = 16

♀
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	95586	1	12.0	65	1021	0	0	95586	0	666666
2	646373	1	5.0	68	1987	0	0	742980	666667	1333333
3	1091822	3	17.0	94	1997	1549	1512	1836789	1333334	2000000
4	636234	1	14.0	96	1954	0	0	2478081	2000001	2666667
5	475132	3	18.0	57	1036	1090	1567	2955167	2666668	3333334
6	610582	2	15.0	63	1313	1584	0	3569442	3333335	4000001

Random parameters Bin5

7	1000256	3	8.0	72	1242	1296	1998	4572595	4000002	4666668
8	261415	3	20.0	63	1243	1917	1610	4838546	4666669	5333335
9	577503	3	19.0	53	1776	1626	1798	5420819	5333336	6000002
10	1161866	3	18.0	63	1371	1754	1146	6587885	6000003	6666669
11	486205	3	12.0	82	1488	1453	1920	7078361	6666670	7333336
12	707104	3	5.0	72	1303	1916	1980	7790326	7333337	8000003
13	263100	1	9.0	77	1249	0	0	8058625	8000004	8666670
14	658404	2	8.0	97	1243	1885	0	8718278	8666671	9333337
15	1095650	2	6.0	72	1457	1515	0	9817056	9333338	10000004
16	187499	3	7.0	95	1674	1465	1661	10007527	10000005	10666671
17	752205	1	14.0	87	1704	0	0	10764532	10666672	11333338
18	752645	1	19.0	80	1090	0	0	11518881	11333339	12000005

Total number of pulses in waveform = 39

♀

Waveform Num = 16

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	498630	3	17.0	83	1190	1822	1663	498630	0	631578
2	287891	2	7.0	53	1111	1052	0	791196	631579	1263157
3	983464	1	5.0	60	1272	0	0	1776823	1263158	1894736
4	160801	1	15.0	89	1725	0	0	1938896	1894737	2526315
5	796169	1	7.0	77	1072	0	0	2736790	2526316	3157894
6	536288	2	6.0	86	1189	1217	0	3274150	3157895	3789473
7	1130668	3	5.0	54	1669	1016	1089	4407224	3789474	4421052
8	50587	1	13.0	78	1491	0	0	4461585	4421053	5052631
9	632596	3	5.0	60	1613	1506	1985	5095672	5052632	5684210
10	1059342	3	7.0	90	1397	1314	1607	6160118	5684211	6315789
11	349485	1	17.0	97	1903	0	0	6513921	6315790	6947368
12	633223	3	6.0	51	1246	1627	1537	7149047	6947369	7578947
13	1011917	1	16.0	80	1463	0	0	8165374	7578948	8210526
14	512067	1	8.0	91	1136	0	0	8678904	8210527	8842105
15	674108	1	8.0	89	1104	0	0	9354148	8842106	9473684
16	251884	2	8.0	72	1428	1351	0	9607136	9473685	10105263
17	685093	3	13.0	50	1518	1161	1458	10295008	10105264	10736842
18	666536	2	17.0	50	1679	1089	0	10965681	10736843	11368421
19	488558	1	13.0	70	1235	0	0	11457007	11368422	12000000

Total number of pulses in waveform = 35

♀

Waveform Num = 17

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	597634	1	15.0	84	1453	0	0	597634	0	666666
2	462105	3	18.0	99	1785	1168	1219	1061192	666667	1333333
3	273708	3	12.0	66	1088	1048	1561	1339072	1333334	2000000
4	980605	1	11.0	61	1395	0	0	2323374	2000001	2666667
5	919943	3	5.0	75	1821	1260	1231	3244712	2666668	3333334

Random parameters Bin5

	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
6	561548	3	19.0	81	1740	1612	1897	3810572	3333335	4000001
7	750901	2	14.0	85	1841	1428	0	4566722	4000002	4666668
8	372288	3	16.0	71	1195	1367	1477	4942279	4666669	5333335
9	686985	1	18.0	67	1524	0	0	5633303	5333336	6000002
10	1014115	3	20.0	77	1333	1775	1369	6648942	6000003	6666669
11	569359	2	6.0	70	1987	1393	0	7222778	6666670	7333336
12	589785	2	15.0	97	1370	1048	0	7815943	7333337	8000003
13	762054	2	20.0	55	1786	1849	0	8580415	8000004	8666670
14	131578	3	10.0	81	1497	1361	1020	8715628	8666671	9333337
15	640371	1	9.0	53	1446	0	0	9359877	9333338	10000004
16	930762	1	14.0	53	1581	0	0	10292085	10000005	10666671
17	450477	1	20.0	58	1853	0	0	10744143	10666672	11333338
18	656962	3	18.0	95	1365	1838	1018	11402958	11333339	12000005

Total number of pulses in waveform = 38

♀

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	696966	2	14.0	94	1006	1279	0	696966	0	749999
2	373057	3	18.0	63	1796	1064	1741	1072308	750000	1499999
3	717577	2	10.0	68	1197	1753	0	1794486	1500000	2249999
4	467620	1	13.0	58	1560	0	0	2265056	2250000	2999999
5	1124092	2	9.0	78	1553	1458	0	3390708	3000000	3749999
6	834317	2	17.0	94	1858	1897	0	4228036	3750000	4499999
7	430515	3	8.0	75	1363	1091	1330	4662306	4500000	5249999
8	800086	2	11.0	58	1925	1110	0	5466176	5250000	5999999
9	773152	1	12.0	89	1895	0	0	6242363	6000000	6749999
10	589993	2	5.0	79	1973	1020	0	6834251	6750000	7499999
11	1288063	3	15.0	92	1169	1514	1192	8125307	7500000	8249999
12	643554	2	7.0	83	1746	1855	0	8772736	8250000	8999999
13	318809	3	17.0	91	1404	1995	1045	9095146	9000000	9749999
14	1136947	3	8.0	79	1370	1597	1751	10236537	9750000	10499999
15	580767	3	17.0	53	1677	1464	1705	10822022	10500000	11249999
16	888131	3	6.0	71	1147	1676	1493	11714999	11250000	11999999

Total number of pulses in waveform = 37

♀

Waveform Num = 19

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	300287	1	8.0	76	1140	0	0	300287	0	923076
2	991646	1	6.0	90	1520	0	0	1293073	923077	1846153
3	1448014	1	19.0	62	1486	0	0	2742607	1846154	2769230
4	358036	2	5.0	75	1689	1038	0	3102129	2769231	3692307
5	1441204	1	13.0	53	1565	0	0	4546060	3692308	4615384
6	578290	1	11.0	92	1530	0	0	5125915	4615385	5538461
7	735623	2	6.0	81	1228	1605	0	5863068	5538462	6461538

Random parameters Bin5

	866650	1	12.0	59	1325	0	0	6732551	6461539	7384615
8	842539	1	18.0	72	1170	0	0	7576415	7384616	8307692
9	1102829	1	11.0	78	1488	0	0	8680414	8307693	9230769
10	1058414	3	5.0	90	1728	1354	1538	9740316	9230770	10153846
11	1315994	1	11.0	72	1870	0	0	11060930	10153847	11076923
12	865049	2	20.0	91	1456	1090	0	11927849	11076924	12000000

Total number of pulses in waveform = 18

♀

Waveform Num = 20

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	330200	3	8.0	54	1811	1934	1776	330200	0	1333332
2	1533851	1	10.0	52	1673	0	0	1869572	1333333	2666665
3	1971451	2	18.0	68	1913	1100	0	3842696	2666666	3999998
4	400867	2	7.0	53	1438	1479	0	4246576	3999999	5333331
5	1637200	2	17.0	72	1725	1775	0	5886693	5333332	6666664
6	1691183	2	19.0	62	1312	1107	0	7581376	6666665	7999997
7	794777	1	7.0	75	1783	0	0	8378572	7999998	9333330
8	1779345	3	6.0	99	1773	1507	1934	10159700	9333331	10666663
9	1768281	2	13.0	81	1242	1361	0	11933195	10666664	11999996

Total number of pulses in waveform = 18

♀

Waveform Num = 21

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	967306	3	8.0	58	1115	1312	1462	967306	0	1333332
2	1082671	1	13.0	59	1571	0	0	2053866	1333333	2666665
3	1045628	2	12.0	57	1353	1874	0	3101065	2666666	3999998
4	955328	3	18.0	59	1204	1586	1305	4059620	3999999	5333331
5	2508400	2	14.0	98	1652	1289	0	6572115	5333332	6666664
6	944440	1	15.0	74	1981	0	0	7519496	6666665	7999997
7	1020443	3	6.0	62	1395	1324	1088	8541920	7999998	9333330
8	1327542	1	11.0	66	1228	0	0	9873269	9333331	10666663
9	1540076	3	10.0	99	1234	1842	1126	11414573	10666664	11999996

Total number of pulses in waveform = 19

♀

Waveform Num = 22

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	311236	1	18.0	55	1811	0	0	311236	0	631578
2	625769	2	7.0	70	1326	1875	0	938816	631579	1263157
3	327285	2	20.0	54	1884	1151	0	1269302	1263158	1894736
4	844630	1	14.0	97	1153	0	0	2116967	1894737	2526315
5	452958	1	18.0	81	1479	0	0	2571078	2526316	3157894
6	709073	1	12.0	73	1349	0	0	3281630	3157895	3789473
7	1017828	3	5.0	83	1417	1551	1023	4300807	3789474	4421052
8	265486	2	10.0	73	1249	1246	0	4570284	4421053	5052631

Random parameters Bin5										
9	855138	1	9.0	73	1276	0	0	5427917	5052632	5684210
10	851347	3	15.0	81	1331	1848	1545	6280540	5684211	6315789
11	529568	3	5.0	100	1459	1969	1240	6814832	6315790	6947368
12	699354	2	15.0	77	1349	1785	0	7518854	6947369	7578947
13	131535	3	10.0	65	1727	1543	1326	7653523	7578948	8210526
14	1175074	1	8.0	69	1164	0	0	8833193	8210527	8842105
15	220005	1	12.0	70	1969	0	0	9054362	8842106	9473684
16	614292	2	6.0	91	1314	1323	0	9670623	9473685	10105263
17	802159	3	19.0	82	1801	1862	1672	10475419	10105264	10736842
18	559511	1	17.0	51	1452	0	0	11040265	10736843	11368421
19	482973	3	10.0	79	1171	1635	1433	11524690	11368422	12000000
Total number of pulses in waveform = 36										
♀										
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	47361	2	7.0	61	1439	1479	0	47361	0	749999
2	1054265	1	10.0	80	1595	0	0	1104544	750000	1499999
3	780767	3	18.0	64	1772	1410	1260	1886906	1500000	2249999
4	388241	1	13.0	72	1758	0	0	2279589	2250000	2999999
5	1336610	1	12.0	64	1224	0	0	3617957	3000000	3749999
6	345619	1	16.0	90	1342	0	0	3964800	3750000	4499999
7	883451	2	13.0	66	1542	1122	0	4849593	4500000	5249999
8	649192	2	16.0	99	1395	1895	0	5501449	5250000	5999999
9	536786	1	6.0	50	1234	0	0	6041525	6000000	6749999
10	1105607	1	15.0	67	1513	0	0	7148366	6750000	7499999
11	790777	2	20.0	74	1743	1501	0	7940656	7500000	8249999
12	1032867	2	19.0	83	1243	1288	0	8976767	8250000	8999999
13	163934	1	7.0	51	1528	0	0	9143232	9000000	9749999
14	1176930	3	7.0	90	1514	1130	1105	10321690	9750000	10499999
15	368938	2	16.0	72	1042	1498	0	10694377	10500000	11249999
16	691125	2	5.0	100	1923	1323	0	11388042	11250000	11999999
Total number of pulses in waveform = 27										
♀										
Waveform Num = 24										
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	481355	2	20.0	89	1118	1281	0	481355	0	666666
2	355587	3	6.0	99	1950	1650	1255	839341	666667	1333333
3	1075611	3	5.0	63	1933	1475	1467	1919807	1333334	2000000
4	594074	1	19.0	79	1719	0	0	2518756	2000001	2666667
5	363676	3	11.0	56	1817	1566	1481	2884151	2666668	3333334
6	911091	3	20.0	100	1641	1309	1376	3800106	3333335	4000001
7	509900	3	5.0	94	1798	1472	1234	4314332	4000002	4666668
8	974580	2	18.0	80	1859	1350	0	5293416	4666669	5333335
9	620098	1	6.0	80	1372	0	0	5916723	5333336	6000002

Random parameters Bin5										
10	417969	3	17.0	50	1081	1676	1424	6336064	6000003	6666669
11	475213	3	6.0	85	1419	1231	1049	6815458	6666670	7333336
12	859000	3	20.0	51	1615	1950	1468	7678157	7333337	8000003
13	891456	1	8.0	53	1281	0	0	8574646	8000004	8666670
14	634946	1	16.0	74	1815	0	0	9210873	8666671	9333337
15	414952	2	7.0	74	1323	1030	0	9627640	9333338	10000004
16	969104	2	16.0	85	1225	1573	0	10599097	10000005	10666671
17	264697	1	10.0	97	1648	0	0	10866592	10666672	11333338
18	930446	2	12.0	88	1547	1423	0	11798686	11333339	12000005
Total number of pulses in waveform = 39										

Waveform Num = 25
 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	722852	2	13.0	54	1681	1148	0	722852	0	799999
2	727341	2	20.0	63	1531	1883	0	1453022	800000	1599999
3	262613	2	14.0	62	1378	1521	0	1719049	1600000	2399999
4	780835	1	9.0	96	1653	0	0	2502783	2400000	3199999
5	1313541	2	10.0	82	1435	1449	0	3817977	3200000	3999999
6	649208	1	9.0	59	1119	0	0	4470069	4000000	4799999
7	762821	2	6.0	84	1940	1281	0	5234009	4800000	5599999
8	809536	1	13.0	51	1399	0	0	6046766	5600000	6399999
9	445634	3	5.0	53	1054	1578	1092	6493799	6400000	7199999
10	898412	2	11.0	90	1329	1745	0	7395935	7200000	7999999
11	947781	2	19.0	70	1151	1027	0	8346790	8000000	8799999
12	692204	3	16.0	50	1177	1071	1225	9041172	8800000	9599999
13	843043	1	13.0	57	1814	0	0	9887688	9600000	10399999
14	1289517	3	17.0	88	1634	1993	1567	11179019	10400000	11199999
15	33829	1	16.0	64	1659	0	0	11218042	11200000	11999999
Total number of pulses in waveform = 28										

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	593878	2	10.0	63	1742	1579	0	593878	0	599999
2	144704	1	12.0	90	1926	0	0	741903	600000	1199999
3	764588	2	17.0	90	1503	1657	0	1508417	1200000	1799999
4	708918	2	9.0	85	1079	1756	0	2220495	1800000	2399999
5	189076	1	14.0	91	1528	0	0	2412406	2400000	2999999
6	1015082	2	12.0	97	1304	1377	0	3429016	3000000	3599999
7	461577	1	7.0	54	1992	0	0	3893274	3600000	4199999
8	805268	1	12.0	78	1929	0	0	4700534	4200000	4799999
9	215350	3	7.0	61	1167	1310	1154	4917813	4800000	5399999
10	673262	1	10.0	91	1775	0	0	5594706	5400000	5999999
11	992912	1	11.0	91	1820	0	0	6589393	6000000	6599999
12	447751	1	14.0	50	1670	0	0	7038964	6600000	7199999

Random parameters Bin5

	487560									
13	691603	2	5.0	75	1900	1472	0	7528194	7200000	7799999
14	190932	3	19.0	100	1696	1355	1485	8223169	7800000	8399999
15	1031390	3	10.0	77	1581	1545	1201	8418637	8400000	8999999
16	689615	1	16.0	67	1307	0	0	9454354	9000000	9599999
17	593827	3	20.0	60	1501	1129	1840	10145276	9600000	10199999
18	597688	1	5.0	63	1733	0	0	10743573	10200000	10799999
19	154470	2	11.0	86	1363	1919	0	11342994	10800000	11399999
20		3	12.0	97	1445	1398	1187	11500746	11400000	11999999

Total number of pulses in waveform = 36

♀
Waveform Num = 27

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	888591	1	10.0	95	1723	0	0	888591	0	1499999
2	975816	1	8.0	98	1424	0	0	1866130	1500000	2999999
3	2063939	3	9.0	54	1715	1398	1844	3931493	3000000	4499999
4	1792666	2	11.0	95	1998	1414	0	5729116	4500000	5999999
5	1007023	3	13.0	98	1374	1997	1485	6739551	6000000	7499999
6	1534041	3	14.0	81	1201	1018	1846	8278448	7500000	8999999
7	798893	2	5.0	90	1408	1627	0	9081406	9000000	10499999
8	2733633	1	9.0	98	1316	0	0	11818074	10500000	11999999

Total number of pulses in waveform = 16

♀
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	254332	1	6.0	84	1862	0	0	254332	0	999999
2	1298855	1	15.0	94	1638	0	0	1555049	1000000	1999999
3	549657	2	6.0	57	1984	1189	0	2106344	2000000	2999999
4	1722997	2	19.0	59	1665	1566	0	3832514	3000000	3999999
5	664982	2	11.0	79	1667	1956	0	4500727	4000000	4999999
6	1036166	2	16.0	66	1363	1420	0	5540516	5000000	5999999
7	1295351	3	15.0	53	1044	1681	1556	6838650	6000000	6999999
8	163706	3	12.0	82	1736	1973	1601	7006637	7000000	7999999
9	1758313	2	14.0	67	1656	1012	0	8770260	8000000	8999999
10	439056	1	13.0	62	1409	0	0	9211984	9000000	9999999
11	1494419	3	9.0	97	1897	1714	1591	10707812	10000000	10999999
12	1175481	3	15.0	96	1133	1164	1506	11888495	11000000	11999999

Total number of pulses in waveform = 25

♀
Waveform Num = 29

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	503365	2	11.0	69	1823	1774	0	503365	0	999999
2	689854	2	18.0	88	1328	1206	0	1196816	1000000	1999999
3	868037	1	17.0	65	1055	0	0	2067387	2000000	2999999
4	1514440	3	5.0	51	1994	1948	1120	3582882	3000000	3999999

Random parameters Bin5										
5	677262	2	8.0	59	1280	1808	0	4265206	4000000	4999999
6	1197510	1	7.0	66	1907	0	0	5465804	5000000	5999999
7	817857	1	14.0	97	1710	0	0	6285568	6000000	6999999
8	1073951	3	13.0	67	1056	1638	1709	7361229	7000000	7999999
9	1212867	2	7.0	88	1012	1013	0	8578499	8000000	8999999
10	608451	3	15.0	60	1465	1433	1143	9188975	9000000	9999999
11	1081631	3	15.0	96	1020	1605	1615	10274647	10000000	10999999
12	1693618	2	15.0	52	1100	1999	0	11972505	11000000	11999999

Total number of pulses in waveform = 25

Waveform Num = 30
 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	423798	1	16.0	88	1811	0	0	423798	0	1199999
2	917275	3	13.0	58	1695	1192	1347	1342884	1200000	2399999
3	1547014	1	9.0	58	1673	0	0	2894132	2400000	3599999
4	1134331	2	11.0	94	1802	1629	0	4030136	3600000	4799999
5	966773	3	15.0	68	1542	1837	1580	5000340	4800000	5999999
6	1401020	3	10.0	90	1674	1138	1047	6406319	6000000	7199999
7	1780582	1	14.0	100	1456	0	0	8190760	7200000	8399999
8	1007125	3	18.0	50	1278	1453	1498	9199341	8400000	9599999
9	727256	3	13.0	58	1680	1741	1584	9930826	9600000	10799999
10	1824954	3	18.0	56	1932	1622	1741	11760785	10800000	11999999

Total number of pulses in waveform = 23

20MHz Bandwidth

Random DFS waveform parameters (NewBin5) 22-Jun-2015 17:00:54

Waveform Num = 1
 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	640389	2	10.0	85	1455	1453	0	640389	0	749999
2	463524	1	9.0	71	1120	0	0	1106821	750000	1499999
3	663764	3	17.0	60	1221	1853	1193	1771705	1500000	2249999
4	1055011	1	5.0	84	1938	0	0	2830983	2250000	2999999
5	776145	2	9.0	63	1377	1318	0	3609066	3000000	3749999
6	510150	3	6.0	99	1824	1665	1434	4121911	3750000	4499999
7	1016764	1	19.0	94	1524	0	0	5143598	4500000	5249999
8	835364	3	10.0	74	1397	1333	1434	5980486	5250000	5999999
9	118775	1	8.0	59	1326	0	0	6103425	6000000	6749999
10	814064	1	5.0	86	1471	0	0	6918815	6750000	7499999
11	698716	3	20.0	91	1668	1542	1134	7619002	7500000	8249999
12	870102	2	12.0	55	1776	1620	0	8493448	8250000	8999999
13	1219788	1	10.0	98	1450	0	0	9716632	9000000	9749999
14	288242	1	12.0	55	1614	0	0	10006324	9750000	10499999
15	1053544	2	18.0	81	1102	1641	0	11061482	10500000	11249999

Random parameters Bin5

905432

16 1 7.0 66 1675 0 0 11969657 11250000 11999999

Total number of pulses in waveform = 28

♀

Waveform Num = 2

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	61899	2	20.0	62	1127	1808	0	61899	0	705881
2	864689	3	20.0	52	1042	1583	1714	929523	705882	1411763
3	1029554	3	19.0	69	1706	1109	1975	1963416	1411764	2117645
4	552454	2	15.0	83	1179	1257	0	2520660	2117646	2823527
5	327812	2	20.0	69	1555	1763	0	2850908	2823528	3529409
6	1003331	1	15.0	95	1139	0	0	3857557	3529410	4235291
7	711170	2	9.0	79	1787	1104	0	4569866	4235292	4941173
8	907119	1	12.0	86	1255	0	0	5479876	4941174	5647055
9	346123	3	20.0	56	1370	1687	1131	5827254	5647056	6352937
10	930947	3	10.0	74	1209	1130	1972	6762389	6352938	7058819
11	840666	1	16.0	94	1587	0	0	7607366	7058820	7764701
12	574696	3	11.0	96	1152	1863	1525	8183649	7764702	8470583
13	676185	2	12.0	90	1656	1430	0	8864374	8470584	9176465
14	718434	1	19.0	95	1459	0	0	9585894	9176466	9882347
15	574712	2	8.0	88	1048	1787	0	10162065	9882348	10588229
16	498916	1	11.0	55	1731	0	0	10663816	10588230	11294111
17	757395	3	6.0	57	1597	1578	1302	11422942	11294112	11999993

Total number of pulses in waveform = 35

♀

Waveform Num = 3

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	529571	3	14.0	55	1679	1926	1611	529571	0	999999
2	610110	1	8.0	60	1731	0	0	1144897	1000000	1999999
3	1679036	3	8.0	92	1796	1716	1979	2825664	2000000	2999999
4	249312	3	6.0	81	1506	1591	1663	3080467	3000000	3999999
5	1857772	2	6.0	56	1894	1664	0	4942999	4000000	4999999
6	1049761	2	7.0	76	1347	1302	0	5996318	5000000	5999999
7	753534	2	7.0	75	1589	1023	0	6752501	6000000	6999999
8	950462	3	9.0	84	1486	1324	1992	7705575	7000000	7999999
9	563167	2	20.0	77	1604	1946	0	8273544	8000000	8999999
10	979675	3	8.0	78	1414	1233	1450	9256769	9000000	9999999
11	1241667	1	9.0	81	1907	0	0	10502533	10000000	10999999
12	519801	2	7.0	84	1900	1204	0	11024241	11000000	11999999

Total number of pulses in waveform = 27

♀

Waveform Num = 4

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	241760	3	12.0	86	1141	1117	1725	241760	0	599999
2	625549	1	6.0	50	1336	0	0	871292	600000	1199999

Random parameters Bin5										
3	787132	1	6.0	84	1500	0	0	1659760	1200000	1799999
4	451921	1	12.0	63	1254	0	0	2113181	1800000	2399999
5	481209	3	15.0	55	1106	1545	1427	2595644	2400000	2999999
6	673892	1	7.0	57	1442	0	0	3273614	3000000	3599999
7	549315	1	16.0	55	1961	0	0	3824371	3600000	4199999
8	650906	1	8.0	67	1407	0	0	4477238	4200000	4799999
9	475543	1	5.0	50	1184	0	0	4954188	4800000	5399999
10	1003997	1	20.0	89	1196	0	0	5959369	5400000	5999999
11	546742	3	6.0	58	1815	1783	1716	6507307	6000000	6599999
12	564695	2	7.0	78	1366	1411	0	7077316	6600000	7199999
13	536876	3	15.0	93	1294	1315	1995	7616969	7200000	7799999
14	625253	2	13.0	60	1530	1869	0	8246826	7800000	8399999
15	165843	1	17.0	75	1278	0	0	8416068	8400000	8999999
16	737676	1	7.0	88	1337	0	0	9155022	9000000	9599999
17	611959	1	12.0	88	1811	0	0	9768318	9600000	10199999
18	583979	3	9.0	95	1662	1731	1265	10354108	10200000	10799999
19	895343	3	8.0	61	1575	1737	1670	11254109	10800000	11399999
20	562821	2	13.0	89	1421	1238	0	11821912	11400000	11999999
Total number of pulses in waveform = 35										

♀
Waveform Num = 5
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	343162	3	15.0	68	1903	1098	1650	343162	0	599999
2	436697	2	17.0	67	1127	1387	0	784510	600000	1199999
3	456611	1	7.0	91	1243	0	0	1243635	1200000	1799999
4	598774	2	10.0	68	1792	1374	0	1843652	1800000	2399999
5	795351	1	12.0	67	1702	0	0	2642169	2400000	2999999
6	501689	2	12.0	63	1509	1612	0	3145560	3000000	3599999
7	662516	1	14.0	60	1932	0	0	3811197	3600000	4199999
8	635485	1	12.0	98	1110	0	0	4448614	4200000	4799999
9	936211	3	18.0	50	1249	1551	1904	5385935	4800000	5399999
10	175256	3	6.0	53	1756	1877	1197	5565895	5400000	5999999
11	920557	2	11.0	80	1492	1855	0	6491282	6000000	6599999
12	368174	2	17.0	69	1403	1455	0	6862803	6600000	7199999
13	840808	1	16.0	79	1363	0	0	7706469	7200000	7799999
14	628401	3	14.0	93	1869	1181	1443	8336233	7800000	8399999
15	245383	2	19.0	72	1810	1615	0	8586109	8400000	8999999
16	687254	1	18.0	98	1968	0	0	9276788	9000000	9599999
17	626838	2	18.0	61	1519	1816	0	9905594	9600000	10199999
18	809975	3	15.0	53	1733	1387	1674	10718904	10200000	10799999
19	191860	2	20.0	56	1731	1300	0	10915558	10800000	11399999
20	982742	3	14.0	63	1451	1669	1818	11901331	11400000	11999999
Total number of pulses in waveform = 40										

♀
Waveform Num = 6
Num of Bursts = 13

Burst Interval (us) = 923077.0

Random parameters Bin5

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	472471	2	17.0	60	1262	1114	0	472471	0	923076
2	536234	3	11.0	83	1106	1393	1745	1011081	923077	1846153
3	1491974	2	12.0	54	1717	1334	0	2507299	1846154	2769230
4	1159285	3	16.0	76	1149	1309	1209	3669635	2769231	3692307
5	145131	3	8.0	50	1151	1455	1286	3818433	3692308	4615384
6	893774	3	13.0	82	1086	1405	1520	4716099	4615385	5538461
7	921761	2	17.0	61	1886	1807	0	5641871	5538462	6461538
8	1494556	1	18.0	89	1145	0	0	7140120	6461539	7384615
9	804601	2	10.0	55	1002	1887	0	7945866	7384616	8307692
10	885214	2	19.0	89	1705	1466	0	8833969	8307693	9230769
11	674739	3	6.0	60	1664	1909	1807	9511879	9230770	10153846
12	957914	2	17.0	100	1353	1625	0	10475173	10153847	11076923
13	934813	2	20.0	93	1236	1883	0	11412964	11076924	12000000

Total number of pulses in waveform = 30

♀

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	605802	1	15.0	99	1281	0	0	605802	0	749999
2	542167	2	13.0	57	1052	1774	0	1149250	750000	1499999
3	924904	1	8.0	90	1528	0	0	2076980	1500000	2249999
4	200978	2	12.0	77	1605	1122	0	2279486	2250000	2999999
5	1360383	3	6.0	72	1029	1842	1422	3642596	3000000	3749999
6	333302	2	18.0	74	1893	1405	0	3980191	3750000	4499999
7	774002	1	16.0	74	1696	0	0	4757491	4500000	5249999
8	815029	2	13.0	50	1746	1420	0	5574216	5250000	5999999
9	786659	3	17.0	83	1680	1824	1826	6364041	6000000	6749999
10	952170	1	19.0	87	1935	0	0	7321541	6750000	7499999
11	364025	2	11.0	73	1271	1617	0	7687501	7500000	8249999
12	1259888	3	10.0	59	1286	1553	1874	8950277	8250000	8999999
13	770858	1	20.0	92	1668	0	0	9725848	9000000	9749999
14	766570	1	14.0	57	1180	0	0	10494086	9750000	10499999
15	210929	1	14.0	99	1036	0	0	10706195	10500000	11249999
16	759584	2	7.0	79	1153	1692	0	11466815	11250000	11999999

Total number of pulses in waveform = 28

♀

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	1107286	1	11.0	50	1228	0	0	1107286	0	1199999
2	589428	1	9.0	61	1408	0	0	1697942	1200000	2399999
3	1100827	1	9.0	85	1378	0	0	2800177	2400000	3599999
4	1014485	2	17.0	82	1130	1532	0	3816040	3600000	4799999
5	986912	1	12.0	69	1036	0	0	4805614	4800000	5999999

Random parameters Bin5										
6	1342460	1	17.0	59	1673	0	0	6149110	6000000	7199999
7	2181563	1	5.0	100	1269	0	0	8332346	7200000	8399999
8	181231	2	19.0	89	1678	1535	0	8514846	8400000	9599999
9	1908555	2	11.0	66	1715	1563	0	10426614	9600000	10799999
10	1424157	3	12.0	63	1971	1600	1744	11854049	10800000	11999999
Total number of pulses in waveform = 15										
♀										
Waveform Num = 9										
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	163063	2	12.0	74	1630	1932	0	163063	0	1499999
2	2384635	3	20.0	61	1219	1043	1162	2551260	1500000	2999999
3	1232080	1	5.0	59	1215	0	0	3786764	3000000	4499999
4	943090	2	7.0	100	1856	1343	0	4731069	4500000	5999999
5	1659052	3	9.0	83	1196	1766	1166	6393320	6000000	7499999
6	2295936	2	19.0	67	1737	1069	0	8693384	7500000	8999999
7	438081	2	14.0	65	1812	1168	0	9134271	9000000	10499999
8	1817032	1	6.0	68	1285	0	0	10954283	10500000	11999999
Total number of pulses in waveform = 16										
♀										
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	196191	3	15.0	73	1070	1199	1939	196191	0	666666
2	713070	2	8.0	51	1935	1806	0	913469	666667	1333333
3	951874	2	13.0	83	1258	1430	0	1869084	1333334	2000000
4	187087	3	5.0	87	1672	1472	1740	2058859	2000001	2666667
5	690823	3	14.0	98	1753	1821	1883	2754566	2666668	3333334
6	885856	3	13.0	59	1891	1268	1034	3645879	3333335	4000001
7	824409	1	8.0	52	1232	0	0	4474481	4000002	4666668
8	375575	3	14.0	56	1691	1825	1977	4851288	4666669	5333335
9	1127339	1	10.0	74	1341	0	0	5984120	5333336	6000002
10	210385	1	8.0	51	1483	0	0	6195846	6000003	6666669
11	902591	1	18.0	90	1347	0	0	7099920	6666670	7333336
12	862637	2	16.0	77	1052	1444	0	7963904	7333337	8000003
13	374469	2	9.0	95	1826	1608	0	8340869	8000004	8666670
14	922745	2	8.0	92	1737	1402	0	9267048	8666671	9333337
15	425570	2	9.0	65	1800	1284	0	9695757	9333338	10000004
16	443613	3	20.0	82	1524	1557	1886	10142454	10000005	10666671
17	972453	3	13.0	60	1739	1187	1913	11119874	10666672	11333338
18	461511	1	15.0	96	1073	0	0	11586224	11333339	12000005
Total number of pulses in waveform = 38										
♀										
Waveform Num = 11										
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	912159	1	20.0	94	1587	0	0	912159	0	999999

Random parameters Bin5										
2	587626	2	8.0	91	1068	1384	0	1501372	1000000	1999999
3	1122521	3	10.0	99	1892	1165	1786	2626345	2000000	2999999
4	1115224	1	10.0	54	1382	0	0	3746412	3000000	3999999
5	812844	3	7.0	58	1397	1238	1608	4560638	4000000	4999999
6	448759	1	14.0	72	1226	0	0	5013640	5000000	5999999
7	1173499	2	20.0	88	1884	1520	0	6188365	6000000	6999999
8	863686	1	7.0	77	1563	0	0	7055455	7000000	7999999
9	964115	3	18.0	63	1811	1568	1768	8021133	8000000	8999999
10	1082887	2	5.0	100	1549	1823	0	9109167	9000000	9999999
11	1881053	1	8.0	81	1379	0	0	10993592	10000000	10999999
12	875960	2	8.0	60	1584	1482	0	11870931	11000000	11999999

♀
Total number of pulses in waveform = 22

Waveform Num = 12

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	425537	3	6.0	53	1772	1915	1897	425537	0	999999
2	842653	3	17.0	68	1899	1495	1636	1273774	1000000	1999999
3	723256	1	12.0	66	1628	0	0	2002060	2000000	2999999
4	1943581	3	12.0	68	1377	1782	1370	3947269	3000000	3999999
5	998577	3	14.0	69	1526	1452	1030	4950375	4000000	4999999
6	463520	1	16.0	58	1917	0	0	5417903	5000000	5999999
7	1472236	1	5.0	50	1565	0	0	6892056	6000000	6999999
8	877598	3	18.0	50	1088	1563	1596	7771219	7000000	7999999
9	239003	1	18.0	58	1088	0	0	8014469	8000000	8999999
10	1300398	1	20.0	99	1037	0	0	9315955	9000000	9999999
11	686518	3	7.0	59	1659	1665	1705	10003510	10000000	10999999
12	1506643	1	19.0	79	1715	0	0	11515182	11000000	11999999

♀
Total number of pulses in waveform = 24

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	220940	1	12.0	80	1831	0	0	220940	0	631578
2	991537	2	17.0	100	1974	1324	0	1214308	631579	1263157
3	441908	1	6.0	94	1239	0	0	1659514	1263158	1894736
4	566412	1	14.0	51	1601	0	0	2227165	1894737	2526315
5	515907	1	15.0	73	1869	0	0	2744673	2526316	3157894
6	1015527	2	13.0	51	1004	1044	0	3762069	3157895	3789473
7	155194	1	7.0	75	1866	0	0	3919311	3789474	4421052
8	588025	3	9.0	63	1058	1676	1365	4509202	4421053	5052631
9	862936	2	7.0	83	1882	1048	0	5376237	5052632	5684210
10	887489	1	16.0	99	1331	0	0	6266656	5684211	6315789
11	457825	1	12.0	58	1435	0	0	6725812	6315790	6947368
12	701148	2	19.0	83	1925	1013	0	7428395	6947369	7578947
13	221062	2	7.0	83	1590	1146	0	7652395	7578948	8210526

Random parameters Bin5

	723147									
14	675210	3	5.0	76	1776	1192	1611	8378278	8210527	8842105
15	723224	2	7.0	51	1061	1850	0	9058067	8842106	9473684
16	881563	3	8.0	83	1244	1129	1515	9784202	9473685	10105263
17	179544	1	14.0	96	1247	0	0	10669653	10105264	10736842
18	993058	2	7.0	61	1156	1340	0	10850444	10736843	11368421
19		2	12.0	74	1262	1534	0	11845998	11368422	12000000
Total number of pulses in waveform = 33										
♀										
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	80191	2	17.0	90	1233	1463	0	80191	0	999999
2	1508585	1	15.0	97	1555	0	0	1591472	1000000	1999999
3	807549	2	12.0	50	1342	1106	0	2400576	2000000	2999999
4	962978	2	16.0	71	1586	1324	0	3366002	3000000	3999999
5	1610634	1	11.0	67	1714	0	0	4979546	4000000	4999999
6	663547	3	8.0	92	1996	1765	1077	5644807	5000000	5999999
7	845499	1	19.0	88	1959	0	0	6495144	6000000	6999999
8	1277961	3	20.0	75	1907	1725	1297	7775064	7000000	7999999
9	935943	3	10.0	54	1702	1870	1401	8715936	8000000	8999999
10	685596	3	16.0	85	1872	1895	1640	9406505	9000000	9999999
11	965584	1	11.0	57	1814	0	0	10377496	10000000	10999999
12	926542	2	7.0	97	1284	1207	0	11305852	11000000	11999999
Total number of pulses in waveform = 24										
♀										
Waveform Num = 15										
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	694909	3	19.0	87	1525	1954	1593	694909	0	749999
2	588154	3	20.0	74	1655	1087	1572	1288135	750000	1499999
3	771426	2	9.0	63	1387	1436	0	2063875	1500000	2249999
4	740188	1	5.0	51	1865	0	0	2806886	2250000	2999999
5	852310	3	18.0	77	1464	1863	1770	3661061	3000000	3749999
6	483868	2	6.0	56	1075	1587	0	4150026	3750000	4499999
7	734975	2	16.0	72	1035	1415	0	4887663	4500000	5249999
8	605390	1	16.0	80	1576	0	0	5495503	5250000	5999999
9	845199	3	16.0	59	1885	1749	1762	6342278	6000000	6749999
10	887445	3	6.0	83	1274	1429	1943	7235119	6750000	7499999
11	776113	2	15.0	54	1516	1525	0	8015878	7500000	8249999
12	332539	3	6.0	60	1526	1189	1951	8351458	8250000	8999999
13	925136	2	11.0	69	1127	1235	0	9281260	9000000	9749999
14	468699	3	11.0	76	1766	1454	1683	9752321	9750000	10499999
15	1404209	3	17.0	67	1028	1777	1854	11161433	10500000	11249999
16	558170	3	12.0	53	1199	1667	1085	11724262	11250000	11999999
Total number of pulses in waveform = 39										
♀										
Waveform Num = 16										
Num of Bursts = 14										

Random parameters Bin5

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	559175	3	8.0	86	1544	1256	1710	559175	0	857142
2	630985	3	12.0	80	1705	1705	1653	1194670	857143	1714285
3	1103527	2	18.0	85	1831	1991	0	2303260	1714286	2571428
4	1021576	3	15.0	100	1851	1823	1855	3328658	2571429	3428571
5	516952	1	14.0	92	1119	0	0	3851139	3428572	4285714
6	1190995	2	8.0	57	1771	1701	0	5043253	4285715	5142857
7	354926	1	7.0	73	1467	0	0	5401651	5142858	6000000
8	684262	2	20.0	68	1224	1919	0	6087380	6000001	6857143
9	1212767	3	8.0	97	1516	1732	1354	7303290	6857144	7714286
10	979953	2	12.0	99	1283	1719	0	8287845	7714287	8571429
11	719600	3	18.0	61	1612	1242	1754	9010447	8571430	9428572
12	1013610	2	7.0	80	1561	1274	0	10028665	9428573	10285715
13	523622	3	10.0	90	1826	1668	1925	10555122	10285716	11142858
14	1365143	2	16.0	69	1614	1377	0	11925684	11142859	12000001

Total number of pulses in waveform = 32

♀

Waveform Num = 17
 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	129499	3	16.0	75	1091	1247	1772	129499	0	599999
2	694115	3	9.0	86	1088	1413	1049	827724	600000	1199999
3	427337	2	17.0	75	1784	1266	0	1258611	1200000	1799999
4	893386	1	8.0	93	1717	0	0	2155047	1800000	2399999
5	793097	3	13.0	90	1811	1143	1422	2949861	2400000	2999999
6	378429	2	18.0	66	1517	1701	0	3332666	3000000	3599999
7	654585	1	17.0	59	1816	0	0	3990469	3600000	4199999
8	724656	2	14.0	82	1162	1273	0	4716941	4200000	4799999
9	84954	2	8.0	51	1467	1378	0	4804330	4800000	5399999
10	1046590	3	12.0	74	1484	1064	1673	5853765	5400000	5999999
11	414551	3	9.0	97	1295	1319	1671	6272537	6000000	6599999
12	851019	3	19.0	83	1062	1368	1168	7127841	6600000	7199999
13	386257	2	5.0	68	1025	1110	0	7517696	7200000	7799999
14	417264	1	8.0	80	1086	0	0	7937095	7800000	8399999
15	637803	3	11.0	73	1178	1158	1662	8575984	8400000	8999999
16	434070	3	18.0	50	1135	1964	1858	9014052	9000000	9599999
17	1016095	1	15.0	62	1563	0	0	10035104	9600000	10199999
18	271803	2	14.0	67	1674	1398	0	10308470	10200000	10799999
19	742469	3	16.0	76	1762	1444	1941	11054011	10800000	11399999
20	515284	3	5.0	57	1731	1183	1683	11574442	11400000	11999999

Total number of pulses in waveform = 46

♀

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)
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Random parameters Bin5										
1	332451	3	9.0	57	1469	1597	1235	332451	0	666666
2	888210	1	20.0	84	1790	0	0	1224962	666667	1333333
3	172948	3	12.0	77	1450	1964	1296	1399700	1333334	2000000
4	646785	2	19.0	98	1170	1393	0	2051195	2000001	2666667
5	701736	1	15.0	100	1212	0	0	2755494	2666668	3333334
6	826949	3	11.0	79	1753	1901	1963	3583655	3333335	4000001
7	1073409	1	12.0	96	1955	0	0	4662681	4000002	4666668
8	517619	2	16.0	57	1921	1753	0	5182255	4666669	5333335
9	500754	3	13.0	56	1506	1849	1701	5686683	5333336	6000002
10	868497	3	5.0	53	1011	1231	1718	6560236	6000003	6666669
11	336416	3	10.0	79	1225	1766	1885	6900612	6666670	7333336
12	799921	2	5.0	84	1959	1493	0	7705409	7333337	8000003
13	900124	2	19.0	53	1103	1117	0	8608985	8000004	8666670
14	229456	1	10.0	89	1899	0	0	8840661	8666671	9333337
15	760055	2	16.0	81	1299	1885	0	9602615	9333338	10000004
16	606493	2	12.0	71	1391	1990	0	10212292	10000005	10666671
17	902709	2	5.0	74	1965	1015	0	11118382	10666672	11333338
18	715737	3	9.0	62	1824	1968	1120	11837099	11333339	12000005
Total number of pulses in waveform = 39										

♀
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	516799	2	14.0	54	1937	1163	0	516799	0	999999
2	1382608	3	16.0	67	1506	1366	1307	1902507	1000000	1999999
3	626519	1	5.0	75	1652	0	0	2533205	2000000	2999999
4	1361269	2	8.0	61	1750	1906	0	3896126	3000000	3999999
5	757420	1	9.0	86	1287	0	0	4657202	4000000	4999999
6	1169120	2	17.0	55	1911	1823	0	5827609	5000000	5999999
7	1086595	1	17.0	51	1446	0	0	6917938	6000000	6999999
8	908666	1	11.0	70	1555	0	0	7828050	7000000	7999999
9	1109422	2	15.0	52	1141	1343	0	8939027	8000000	8999999
10	487241	2	5.0	81	1208	1522	0	9428752	9000000	9999999
11	1469090	3	12.0	67	1797	1459	1407	10900572	10000000	10999999
12	119638	1	9.0	69	1730	0	0	11024873	11000000	11999999
Total number of pulses in waveform = 21										

♀
Waveform Num = 20
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	808703	3	20.0	58	1798	1399	1484	808703	0	1090908
2	1279209	2	7.0	98	1366	1024	0	2092593	1090909	2181817
3	1080519	1	14.0	70	1996	0	0	3175502	2181818	3272726
4	932002	1	10.0	100	1495	0	0	4109500	3272727	4363635
5	719419	2	12.0	52	1267	1532	0	4830414	4363636	5454544
6	1143858	3	9.0	78	1074	1633	1114	5977071	5454545	6545453

Random parameters Bin5										
7	1399559	3	18.0	67	1565	1256	1101	7380451	6545454	7636362
8	667782	2	7.0	76	1949	1912	0	8052155	7636363	8727271
9	1104967	2	18.0	59	1291	1845	0	9160983	8727272	9818180
10	1503687	2	10.0	71	1512	1632	0	10667806	9818181	10909089
11	481278	3	12.0	72	1712	1426	1583	11152228	10909090	11999998
Total number of pulses in waveform = 24										
♀										
Waveform Num = 21										
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	354156	2	5.0	88	1011	1972	0	354156	0	1090908
2	1001712	3	18.0	74	1517	1607	1969	1358851	1090909	2181817
3	1836175	3	8.0	84	1769	1556	1336	3200119	2181818	3272726
4	416427	1	10.0	75	1260	0	0	3621207	3272727	4363635
5	1125139	2	16.0	56	1993	1008	0	4747606	4363636	5454544
6	1025363	3	19.0	75	1509	1984	1977	5775970	5454545	6545453
7	1405798	1	5.0	69	1827	0	0	7187238	6545454	7636362
8	1201928	1	6.0	61	1908	0	0	8390993	7636363	8727271
9	714086	3	14.0	100	1844	1022	1040	9106987	8727272	9818180
10	896274	1	6.0	81	1589	0	0	10007167	9818181	10909089
11	1888087	1	8.0	82	1570	0	0	11896843	10909090	11999998
Total number of pulses in waveform = 21										
♀										
Waveform Num = 22										
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	608737	1	17.0	58	1465	0	0	608737	0	631578
2	134144	1	15.0	70	1513	0	0	744346	631579	1263157
3	1137269	3	8.0	97	1804	1151	1539	1883128	1263158	1894736
4	36810	1	8.0	73	1964	0	0	1924432	1894737	2526315
5	1076035	2	9.0	53	1200	1366	0	3002431	2526316	3157894
6	217896	3	15.0	95	1555	1701	1116	3222893	3157895	3789473
7	1006561	3	20.0	89	1119	1695	1002	4233826	3789474	4421052
8	710783	3	5.0	76	1686	1641	1653	4948425	4421053	5052631
9	366318	1	16.0	89	1706	0	0	5319723	5052632	5684210
10	836593	1	8.0	83	1111	0	0	6158022	5684211	6315789
11	549577	1	17.0	93	1176	0	0	6708710	6315790	6947368
12	341403	1	9.0	92	1125	0	0	7051289	6947369	7578947
13	765186	1	16.0	69	1872	0	0	7817600	7578948	8210526
14	596516	2	5.0	70	1685	1606	0	8415988	8210527	8842105
15	724718	2	13.0	96	1841	1635	0	9143997	8842106	9473684
16	402816	2	9.0	67	1896	1135	0	9550289	9473685	10105263
17	820661	2	5.0	69	1308	1759	0	10373981	10105264	10736842
18	812474	3	10.0	51	1090	1155	1771	11189522	10736843	11368421
19	691633	1	5.0	92	1571	0	0	11885171	11368422	12000000
Total number of pulses in waveform = 34										
♀										

Random parameters Bin5

Waveform Num = 23
 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	389841	2	20.0	91	1510	1252	0	389841	0	1090908
2	725849	2	17.0	51	1647	1302	0	1118452	1090909	2181817
3	1420404	1	9.0	99	1252	0	0	2541805	2181818	3272726
4	1285576	1	16.0	59	1205	0	0	3828633	3272727	4363635
5	1459770	2	18.0	68	1381	1753	0	5289608	4363636	5454544
6	747431	2	9.0	78	1884	1652	0	6040173	5454545	6545453
7	1035656	1	9.0	69	1087	0	0	7079365	6545454	7636362
8	1560415	2	10.0	89	1352	1438	0	8640867	7636363	8727271
9	744643	1	10.0	73	1623	0	0	9388300	8727272	9818180
10	663079	3	6.0	97	1029	1714	1968	10053002	9818181	10909089
11	1394905	2	15.0	66	1583	1483	0	11452618	10909090	11999998

Total number of pulses in waveform = 19

♀

Waveform Num = 24
 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	34757	2	20.0	68	1177	1752	0	34757	0	666666
2	752110	1	18.0	73	1100	0	0	789796	666667	1333333
3	640406	3	6.0	94	1470	1217	1556	1431302	1333334	2000000
4	1121686	3	14.0	79	1939	1937	1436	2557231	2000001	2666667
5	585183	1	13.0	72	1114	0	0	3147726	2666668	3333334
6	816112	3	19.0	85	1258	1743	1990	3964952	3333335	4000001
7	121629	3	19.0	70	1878	1617	1401	4091572	4000002	4666668
8	656527	2	18.0	70	1103	1014	0	4752995	4666669	5333335
9	613008	2	19.0	69	1504	1647	0	5368120	5333336	6000002
10	721763	2	8.0	82	1192	1818	0	6093034	6000003	6666669
11	1047063	2	13.0	84	1227	1540	0	7143107	6666670	7333336
12	218601	1	19.0	67	1634	0	0	7364475	7333337	8000003
13	667674	3	12.0	81	1402	1921	1240	8033783	8000004	8666670
14	992780	1	14.0	62	1810	0	0	9031126	8666671	9333337
15	421284	2	5.0	62	1170	1896	0	9454220	9333338	10000004
16	621545	2	6.0	53	1978	1873	0	10078831	10000005	10666671
17	690340	2	9.0	60	1330	1383	0	10773022	10666672	11333338
18	764918	1	8.0	85	1835	0	0	11540653	11333339	12000005

Total number of pulses in waveform = 36

♀

Waveform Num = 25
 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	1307	3	14.0	65	1072	1201	1698	1307	0	923076
2	943764	3	20.0	67	1139	1145	1522	949042	923077	1846153
3	1794217	1	8.0	95	1595	0	0	2747065	1846154	2769230
4	585060	2	16.0	53	1935	1314	0	3333720	2769231	3692307

Random parameters Bin5										
5	564259	3	18.0	80	1234	1260	1694	3901228	3692308	4615384
6	1422923	3	6.0	72	1781	1795	1776	5328339	4615385	5538461
7	612953	3	6.0	54	1465	1327	1023	5946644	5538462	6461538
8	817821	3	18.0	91	1745	1314	1019	6768280	6461539	7384615
9	1340995	1	20.0	58	1705	0	0	8113353	7384616	8307692
10	883164	3	11.0	63	1421	1682	1280	8998222	8307693	9230769
11	533278	2	18.0	54	1922	1429	0	9535883	9230770	10153846
12	1236396	1	5.0	70	1619	0	0	10775630	10153847	11076923
13	534893	1	5.0	98	1815	0	0	11312142	11076924	12000000

Total number of pulses in waveform = 29

Waveform Num = 26
 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	499655	1	19.0	60	1963	0	0	499655	0	749999
2	643077	2	5.0	53	1361	1522	0	1144695	750000	1499999
3	585394	2	5.0	50	1539	1342	0	1732972	1500000	2249999
4	975119	2	18.0	60	1716	1277	0	2710972	2250000	2999999
5	423964	1	11.0	99	1008	0	0	3137929	3000000	3749999
6	1282739	3	8.0	80	1527	1341	1478	4421676	3750000	4499999
7	416822	3	20.0	89	1092	1183	1947	4842844	4500000	5249999
8	420980	3	6.0	94	1898	1714	1123	5268046	5250000	5999999
9	940072	3	19.0	80	1212	1404	1356	6212853	6000000	6749999
10	708437	3	16.0	58	1668	1597	1558	6925262	6750000	7499999
11	877657	1	14.0	64	1387	0	0	7807742	7500000	8249999
12	853703	1	6.0	52	1801	0	0	8662832	8250000	8999999
13	709268	1	6.0	74	1965	0	0	9373901	9000000	9749999
14	547809	2	12.0	97	1576	1938	0	9923675	9750000	10499999
15	1319815	1	6.0	57	1742	0	0	11247004	10500000	11249999
16	314455	1	6.0	95	1314	0	0	11563201	11250000	11999999

Total number of pulses in waveform = 30

Waveform Num = 27
 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	78067	3	13.0	50	1419	1712	1721	78067	0	923076
2	1018718	2	5.0	50	1852	1901	0	1101637	923077	1846153
3	1448324	2	10.0	51	1699	1786	0	2553714	1846154	2769230
4	339740	1	7.0	97	1867	0	0	2896939	2769231	3692307
5	1660378	3	18.0	90	1043	1840	1901	4559184	3692308	4615384
6	142177	1	20.0	98	1065	0	0	4706145	4615385	5538461
7	1254027	2	17.0	52	1607	1745	0	5961237	5538462	6461538
8	971865	3	12.0	53	1992	1057	1892	6936454	6461539	7384615
9	673956	1	19.0	53	1841	0	0	7615351	7384616	8307692
10	997836	3	12.0	88	1155	1767	1421	8615028	8307693	9230769
11	1165804	3	13.0	68	1731	1165	1838	9785175	9230770	10153846

Random parameters Bin5

12	1120502	2	20.0	96	1342	1521	0	10910411	10153847	11076923
	264410									
13		2	10.0	85	1291	1627	0	11177684	11076924	12000000
Total number of pulses in waveform = 28										
♀										
Waveform Num = 28										
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	62073	1	6.0	86	1461	0	0	62073	0	749999
	1233801									
2	415852	3	17.0	100	1682	1255	1362	1297335	750000	1499999
	793516									
3	1124464	2	9.0	67	1681	1627	0	1717486	1500000	2249999
	593848									
4	287469	2	16.0	97	1216	1805	0	2514310	2250000	2999999
	817908									
5	860906	2	7.0	74	1741	1331	0	3641795	3000000	3749999
	807913									
6	657840	1	15.0	55	1128	0	0	4238715	3750000	4499999
	846568									
7	826333	3	9.0	85	1739	1176	1133	4527312	4500000	5249999
	889482									
8	713628	1	8.0	92	1751	0	0	5349268	5250000	5999999
	985272									
9		1	8.0	74	1363	0	0	6211925	6000000	6749999
10		3	19.0	94	1754	1317	1610	7021201	6750000	7499999
11		1	5.0	70	1262	0	0	7683722	7500000	8249999
12		1	17.0	98	1612	0	0	8531552	8250000	8999999
13		1	9.0	59	1357	0	0	9359497	9000000	9749999
14		2	14.0	86	1259	1068	0	10250336	9750000	10499999
15		2	11.0	78	1855	1528	0	10966291	10500000	11249999
16		1	13.0	68	1024	0	0	11954946	11250000	11999999
Total number of pulses in waveform = 27										
♀										
Waveform Num = 29										
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	642830	3	20.0	53	1819	1549	1377	642830	0	749999
	614801									
2	661048	3	5.0	92	1049	1902	1295	1262376	750000	1499999
	529730									
3	984868	2	15.0	71	1603	1071	0	1927670	1500000	2249999
	300316									
4	975211	1	19.0	61	1864	0	0	2460074	2250000	2999999
	1219906									
5	64014	3	16.0	50	1935	1595	1402	3446806	3000000	3749999
	958987									
6	1140985	3	19.0	93	1563	1689	1400	3752054	3750000	4499999
	773661									
7	162608	3	12.0	58	1946	1347	1580	4731917	4500000	5249999
	926316									
8	1168860	3	10.0	56	1389	1300	1176	5956696	5250000	5999999
	810700									
9		2	16.0	84	1345	1012	0	6024575	6000000	6749999
10		2	13.0	92	1578	1574	0	6985919	6750000	7499999
11		2	20.0	70	1042	1387	0	8130056	7500000	8249999
12		3	6.0	76	1427	1441	1597	8906146	8250000	8999999
13		3	16.0	78	1783	1512	1440	9073219	9000000	9749999
14		3	19.0	82	1335	1159	1223	10004270	9750000	10499999
15		2	5.0	87	1489	1742	0	11176847	10500000	11249999
16		1	17.0	93	1758	0	0	11990778	11250000	11999999
Total number of pulses in waveform = 39										
♀										
Waveform Num = 30										
Num of Bursts = 12										

Random parameters Bin5

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	946522	1	11.0	51	1733	0	0	946522	0	999999
2	158164	1	17.0	77	1208	0	0	1106419	1000000	1999999
3	1308761	2	15.0	63	1237	1950	0	2416388	2000000	2999999
4	643331	3	12.0	75	1047	1206	1947	3062906	3000000	3999999
5	1370444	2	9.0	69	1272	1786	0	4437550	4000000	4999999
6	958190	2	17.0	70	1112	1464	0	5398798	5000000	5999999
7	1238685	1	12.0	85	1271	0	0	6640059	6000000	6999999
8	1207582	1	16.0	70	1804	0	0	7848912	7000000	7999999
9	252157	3	9.0	82	1500	1976	1092	8102873	8000000	8999999
10	1272896	2	11.0	89	1360	1352	0	9380337	9000000	9999999
11	1611862	1	20.0	54	1170	0	0	10994911	10000000	10999999
12	750278	3	6.0	88	1096	1173	1992	11746359	11000000	11999999

Total number of pulses in waveform = 22

30MHz Bandwidth

Random DFS waveform parameters (NewBin5) 22-Jun-2015 17:01:16

Waveform Num = 1
 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	305646	2	12.0	87	1144	1164	0	305646	0	749999
2	653364	3	5.0	100	1334	1481	1657	961318	750000	1499999
3	1038238	1	14.0	57	1797	0	0	2004028	1500000	2249999
4	347123	1	12.0	76	1055	0	0	2352948	2250000	2999999
5	765431	3	11.0	66	1550	1491	1376	3119434	3000000	3749999
6	760581	1	8.0	66	1340	0	0	3884432	3750000	4499999
7	1050091	3	14.0	96	1733	1902	1350	4935863	4500000	5249999
8	853953	1	12.0	87	1645	0	0	5794801	5250000	5999999
9	658955	1	15.0	76	1023	0	0	6455401	6000000	6749999
10	519686	1	15.0	99	1845	0	0	6976110	6750000	7499999
11	630551	2	20.0	94	1460	1786	0	7608506	7500000	8249999
12	1062395	3	7.0	94	1765	1442	1671	8674147	8250000	8999999
13	367195	1	7.0	63	1760	0	0	9046220	9000000	9749999
14	1173877	3	14.0	80	1103	1471	1226	10221857	9750000	10499999
15	607710	1	16.0	98	1484	0	0	10833367	10500000	11249999
16	520536	2	15.0	88	1303	1125	0	11355387	11250000	11999999

Total number of pulses in waveform = 29

Waveform Num = 2
 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	268194	3	15.0	54	1046	1240	1591	268194	0	1199999
2	1579725	3	17.0	91	1365	1037	1643	1851796	1200000	2399999
3	1240663	1	15.0	67	1114	0	0	3096504	2400000	3599999

Random parameters Bin5

4	876368	2	9.0	80	1352	1868	0	3973986	3600000	4799999
5	1141489	3	5.0	88	1374	1060	1695	5118695	4800000	5999999
6	1444342	2	10.0	88	1029	1592	0	6567166	6000000	7199999
7	877314	1	8.0	82	1816	0	0	7447101	7200000	8399999
8	1415589	2	12.0	88	1351	1626	0	8864506	8400000	9599999
9	1099072	3	11.0	95	1212	1516	1303	9966555	9600000	10799999
10	903032	2	18.0	55	1331	1826	0	10873618	10800000	11999999

Total number of pulses in waveform = 22

♀

Waveform Num = 3

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	500424	3	19.0	89	1079	1706	1280	500424	0	999999
2	1396581	1	13.0	64	1623	0	0	1901070	1000000	1999999
3	343271	3	6.0	68	1423	1633	1893	2245964	2000000	2999999
4	1548337	2	18.0	79	1846	1299	0	3799250	3000000	3999999
5	803384	1	8.0	63	1990	0	0	4605779	4000000	4999999
6	701162	1	5.0	60	1789	0	0	5308931	5000000	5999999
7	1383591	2	18.0	67	1712	1734	0	6694311	6000000	6999999
8	1190540	2	18.0	81	1892	1731	0	7888297	7000000	7999999
9	293571	3	5.0	78	1151	1089	1536	8185491	8000000	8999999
10	1448895	1	17.0	87	1928	0	0	9638162	9000000	9999999
11	542412	2	5.0	66	1568	1569	0	10182502	10000000	10999999
12	928758	3	10.0	74	1312	1609	1239	11114397	11000000	11999999

Total number of pulses in waveform = 24

♀

Waveform Num = 4

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	759714	3	19.0	89	1326	1840	1421	759714	0	999999
2	1031678	2	16.0	75	1417	1816	0	1795979	1000000	1999999
3	1023618	2	12.0	56	1617	1694	0	2822830	2000000	2999999
4	339254	3	6.0	54	1621	1823	1783	3165395	3000000	3999999
5	925295	1	15.0	99	1281	0	0	4095917	4000000	4999999
6	1341945	1	19.0	69	1343	0	0	5439143	5000000	5999999
7	1193246	2	17.0	95	1865	1648	0	6633732	6000000	6999999
8	534926	2	12.0	92	1580	1904	0	7172171	7000000	7999999
9	1225009	1	5.0	81	1104	0	0	8400664	8000000	8999999
10	1565890	2	11.0	63	1667	1606	0	9967658	9000000	9999999
11	691031	2	19.0	91	1301	1848	0	10661962	10000000	10999999
12	892253	1	15.0	87	1610	0	0	11557364	11000000	11999999

Total number of pulses in waveform = 22

♀

Waveform Num = 5

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	289573	3	6.0	99	1261	1864	1543	289573	0	1090908

Random parameters Bin5										
2	1308047	3	12.0	58	1312	1635	1549	1602288	1090909	2181817
3	1352119	3	17.0	87	1038	1522	1508	2958903	2181818	3272726
4	1128162	1	14.0	61	1143	0	0	4091133	3272727	4363635
5	402550	3	9.0	88	1444	1487	1247	4494826	4363636	5454544
6	1305914	3	7.0	96	1822	1263	1658	5804918	5454545	6545453
7	1645598	2	10.0	95	1351	1024	0	7455259	6545454	7636362
8	672471	2	12.0	82	1598	1266	0	8130105	7636363	8727271
9	1109215	3	13.0	54	1630	1951	1689	9242184	8727272	9818180
10	883510	1	6.0	71	1402	0	0	10130964	9818181	10909089
11	1062075	1	11.0	87	1464	0	0	11194441	10909090	11999998

Total number of pulses in waveform = 25

♀
Waveform Num = 6
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	377589	3	8.0	54	1625	1092	1310	377589	0	599999
2	763001	3	9.0	80	1389	1682	1235	1144617	600000	1199999
3	420964	2	11.0	90	1428	1986	0	1569887	1200000	1799999
4	562586	3	10.0	57	1190	1965	1482	2135887	1800000	2399999
5	826713	3	20.0	61	1570	1712	1959	2967237	2400000	2999999
6	493979	1	14.0	82	1760	0	0	3466457	3000000	3599999
7	256020	2	6.0	100	1310	1555	0	3724237	3600000	4199999
8	998200	2	15.0	82	1413	1920	0	4725302	4200000	4799999
9	155836	3	20.0	52	1736	1054	1963	4884471	4800000	5399999
10	1092386	1	11.0	85	1447	0	0	5981610	5400000	5999999
11	267901	2	5.0	72	1277	1517	0	6250958	6000000	6599999
12	884715	2	12.0	58	1959	1532	0	7138467	6600000	7199999
13	274961	2	9.0	94	1932	1191	0	7416919	7200000	7799999
14	779027	1	11.0	66	1562	0	0	8199069	7800000	8399999
15	763654	1	20.0	82	1132	0	0	8964285	8400000	8999999
16	496955	1	14.0	89	1311	0	0	9462372	9000000	9599999
17	515936	2	12.0	99	1816	1108	0	9979619	9600000	10199999
18	313415	1	13.0	61	1487	0	0	10295958	10200000	10799999
19	670467	3	18.0	50	1923	1298	1433	10967912	10800000	11399999
20	842740	2	13.0	82	1665	1065	0	11815306	11400000	11999999

Total number of pulses in waveform = 40

♀
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	649438	3	18.0	93	1572	1347	1291	649438	0	749999
2	376844	1	19.0	71	1587	0	0	1030492	750000	1499999
3	942135	1	19.0	97	1575	0	0	1974214	1500000	2249999
4	965756	1	12.0	93	1410	0	0	2941545	2250000	2999999
5	101578	3	20.0	56	1140	1268	1301	3044533	3000000	3749999
6	1022819	3	17.0	64	1696	1629	1336	4071061	3750000	4499999

Random parameters Bin5

7	1101245	3	13.0	78	1681	1069	1731	5176967	4500000	5249999
8	70331	3	17.0	64	1365	1034	1461	5251779	5250000	5999999
9	928212	3	13.0	94	1483	1259	1603	6183851	6000000	6749999
10	1192659	3	20.0	57	1682	1988	1810	7380855	6750000	7499999
11	565827	1	10.0	72	1516	0	0	7952162	7500000	8249999
12	636149	1	7.0	72	1373	0	0	8589827	8250000	8999999
13	604342	3	12.0	60	1756	1827	1642	9195542	9000000	9749999
14	849379	2	10.0	59	1987	1431	0	10050146	9750000	10499999
15	1044865	3	18.0	83	1950	1446	1933	11098429	10500000	11249999
16	326101	3	17.0	71	1321	1846	1570	11429859	11250000	11999999

Total number of pulses in waveform = 37

♀

Waveform Num = 8

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	144272	2	11.0	67	1019	1233	0	144272	0	923076
2	1419702	2	16.0	82	1656	1785	0	1566226	923077	1846153
3	402218	2	18.0	71	1325	1819	0	1971885	1846154	2769230
4	1178690	1	5.0	61	1478	0	0	3153719	2769231	3692307
5	556601	1	17.0	82	1022	0	0	3711798	3692308	4615384
6	1646591	2	19.0	50	1702	1067	0	5359411	4615385	5538461
7	229236	1	10.0	50	1767	0	0	5591416	5538462	6461538
8	1508247	2	16.0	100	1731	1485	0	7101430	6461539	7384615
9	304838	2	10.0	51	1589	1648	0	7409484	7384616	8307692
10	1447304	3	5.0	67	1506	1777	1939	8860025	8307693	9230769
11	1189306	2	18.0	80	1484	1732	0	10054553	9230770	10153846
12	445269	1	12.0	53	1410	0	0	10503038	10153847	11076923
13	1436473	1	7.0	54	1099	0	0	11940921	11076924	12000000

Total number of pulses in waveform = 22

♀

Waveform Num = 9

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	128191	1	11.0	64	1469	0	0	128191	0	749999
2	905738	2	11.0	71	1135	1348	0	1035398	750000	1499999
3	803424	3	9.0	54	1980	1547	1176	1841305	1500000	2249999
4	518995	1	6.0	98	1495	0	0	2365003	2250000	2999999
5	1367407	2	7.0	60	1647	1491	0	3733905	3000000	3749999
6	397167	1	5.0	76	1572	0	0	4134210	3750000	4499999
7	761693	3	9.0	100	1922	1193	1230	4897475	4500000	5249999
8	982140	2	10.0	96	1256	1971	0	5883960	5250000	5999999
9	371622	3	11.0	75	1345	1023	1251	6258809	6000000	6749999
10	895189	1	13.0	66	1609	0	0	7157617	6750000	7499999
11	461208	3	11.0	81	1845	1170	1603	7620434	7500000	8249999
12	934746	2	8.0	53	1240	1131	0	8559798	8250000	8999999
13	1115725	3	5.0	63	1890	1090	1809	9677894	9000000	9749999

Random parameters Bin5

14	150315	3	19.0	58	1456	1040	1018	9832998	9750000	10499999
	677234									
15		2	10.0	66	1537	1957	0	10513746	10500000	11249999
	1355979									
16		2	10.0	53	1670	1701	0	11873219	11250000	11999999

Total number of pulses in waveform = 34

♀

Waveform Num = 10
 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	277226	3	12.0	66	1984	1509	1942	277226	0	749999
2	888490	2	11.0	89	1530	1765	0	1171151	750000	1499999
3	343336	1	6.0	64	1750	0	0	1517782	1500000	2249999
4	1117647	3	9.0	82	1405	1327	1884	2637179	2250000	2999999
5	363246	2	8.0	93	1174	1655	0	3005041	3000000	3749999
6	849337	2	5.0	90	1101	1501	0	3857207	3750000	4499999
7	1373398	3	12.0	72	1889	1455	1967	5233207	4500000	5249999
8	516659	1	17.0	90	1862	0	0	5755177	5250000	5999999
9	511412	1	9.0	64	1910	0	0	6268451	6000000	6749999
10	594881	3	20.0	74	1965	1154	1885	6865242	6750000	7499999
11	687650	1	14.0	58	1720	0	0	7557896	7500000	8249999
12	1295607	2	18.0	50	1417	1333	0	8855223	8250000	8999999
13	811723	1	10.0	83	1375	0	0	9669696	9000000	9749999
14	178954	3	19.0	53	1990	1752	1970	9850025	9750000	10499999
15	1233411	1	8.0	69	1115	0	0	11089148	10500000	11249999
16	319487	3	15.0	62	1822	1381	1900	11409750	11250000	11999999
Total number of pulses in waveform = 32										
♀										
Waveform Num = 11										
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	234078	2	19.0	86	1027	1689	0	234078	0	666666
2	480239	2	13.0	66	1765	1725	0	717033	666667	1333333
3	1081376	1	10.0	85	1538	0	0	1801899	1333334	2000000
4	810943	2	14.0	88	1675	1505	0	2614380	2000001	2666667
5	129898	2	10.0	60	1893	1876	0	2747458	2666668	3333334
6	905393	1	13.0	50	1251	0	0	3656620	3333335	4000001
7	848718	1	7.0	67	1887	0	0	4506589	4000002	4666668
8	364406	3	17.0	97	1149	1461	1124	4872882	4666669	5333335
9	486934	1	10.0	99	1932	0	0	5363550	5333336	6000002
10	977666	2	20.0	50	1228	1132	0	6343148	6000003	6666669
11	729203	1	7.0	98	1364	0	0	7074711	6666670	7333336
12	485721	2	15.0	54	1299	1544	0	7561796	7333337	8000003
13	666635	2	8.0	84	1742	1128	0	8231274	8000004	8666670
14	835648	2	7.0	73	1137	1191	0	9069792	8666671	9333337
15	464754	3	5.0	77	1181	1512	1368	9536874	9333338	10000004
16	888819	2	15.0	69	1404	1555	0	10429754	10000005	10666671
17	746306	2	8.0	62	1575	1499	0	11179019	10666672	11333338

Random parameters Bin5

387337

18 2 12.0 94 1214 1430 0 11569430 11333339 12000005

Total number of pulses in waveform = 33

♀

Waveform Num = 12

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	536456	1	11.0	97	1673	0	0	536456	0	1199999
2	1593786	3	6.0	72	1314	1465	1017	2131915	1200000	2399999
3	443644	2	20.0	55	1996	1198	0	2579355	2400000	3599999
4	1429630	3	13.0	84	1704	1116	1626	4012179	3600000	4799999
5	1406097	2	16.0	57	1819	1626	0	5422722	4800000	5999999
6	1160950	1	7.0	88	1868	0	0	6587117	6000000	7199999
7	816561	1	7.0	81	1354	0	0	7405546	7200000	8399999
8	1630912	2	5.0	62	1102	1304	0	9037812	8400000	9599999
9	1207893	2	6.0	60	1083	1954	0	10248111	9600000	10799999
10	1084546	2	14.0	72	1378	1619	0	11335694	10800000	11999999

Total number of pulses in waveform = 19

♀

Waveform Num = 13

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	974199	1	16.0	81	1755	0	0	974199	0	1199999
2	519067	2	10.0	51	1639	1268	0	1495021	1200000	2399999
3	1742981	1	18.0	89	1179	0	0	3240909	2400000	3599999
4	1223938	3	14.0	70	1093	1399	1846	4466026	3600000	4799999
5	1028108	3	10.0	67	1035	1604	1008	5498472	4800000	5999999
6	1268588	2	12.0	78	1481	1660	0	6770707	6000000	7199999
7	1308015	3	8.0	87	1693	1180	1585	8081863	7200000	8399999
8	685163	3	18.0	77	1840	1281	1209	8771484	8400000	9599999
9	2009489	2	10.0	80	1770	1095	0	10785303	9600000	10799999
10	631422	3	12.0	74	1785	1556	1326	11419590	10800000	11999999

Total number of pulses in waveform = 23

♀

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	673518	3	18.0	72	1981	1111	1686	673518	0	999999
2	640329	3	6.0	100	1346	1232	1363	1318625	1000000	1999999
3	1459538	1	19.0	66	1665	0	0	2782104	2000000	2999999
4	344752	1	15.0	56	1678	0	0	3128521	3000000	3999999
5	1289358	3	14.0	84	1188	1705	1168	4419557	4000000	4999999
6	897936	3	6.0	68	1750	1062	1400	5321554	5000000	5999999
7	1560611	2	18.0	56	1015	1804	0	6886377	6000000	6999999
8	1039301	2	13.0	80	1465	1141	0	7928497	7000000	7999999
9	837594	2	19.0	66	1296	1389	0	8768697	8000000	8999999
10	351308	2	7.0	87	1319	1535	0	9122690	9000000	9999999
11	1559571	2	13.0	75	1737	1654	0	10685115	10000000	10999999

Random parameters Bin5

686571

12 2 17.0 64 1566 1388 0 11375077 11000000 11999999

Total number of pulses in waveform = 26

♀

Waveform Num = 15

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	88029	2	6.0	65	1521	1326	0	88029	0	749999
2	1288730	1	11.0	62	1111	0	0	1379606	750000	1499999
3	313821	2	17.0	50	1031	1033	0	1694538	1500000	2249999
4	786370	2	14.0	94	1041	1896	0	2482972	2250000	2999999
5	757279	2	11.0	94	1136	1701	0	3243188	3000000	3749999
6	854135	1	18.0	65	1961	0	0	4100160	3750000	4499999
7	759637	3	11.0	58	1664	1579	1116	4861758	4500000	5249999
8	739753	3	14.0	78	1894	1708	1361	5605870	5250000	5999999
9	463104	3	20.0	79	1807	1726	1968	6073937	6000000	6749999
10	897590	2	17.0	52	1689	1437	0	6977028	6750000	7499999
11	543397	3	8.0	76	1654	1333	1035	7523551	7500000	8249999
12	1005123	2	11.0	56	1651	1433	0	8532696	8250000	8999999
13	1014141	3	20.0	56	1582	1264	1323	9549921	9000000	9749999
14	554805	1	17.0	61	1471	0	0	10108895	9750000	10499999
15	646268	2	20.0	73	1349	1903	0	10756634	10500000	11249999
16	1130058	3	6.0	80	1700	1078	1458	11889944	11250000	11999999

Total number of pulses in waveform = 35

♀

Waveform Num = 16

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	957710	1	16.0	85	1314	0	0	957710	0	1333332
2	1069270	3	9.0	80	1753	1780	1401	2028294	1333333	2666665
3	1648139	3	7.0	61	1790	1496	1215	3681367	2666666	3999998
4	1465361	1	16.0	86	1658	0	0	5151229	3999999	5333331
5	987983	1	14.0	83	1956	0	0	6140870	5333332	6666664
6	1051357	1	13.0	69	1010	0	0	7194183	6666665	7999997
7	1023666	1	16.0	90	1188	0	0	8218859	7999998	9333330
8	1924459	1	14.0	69	1521	0	0	10144506	9333331	10666663
9	1651615	3	17.0	87	1838	1751	1334	11797642	10666664	11999996

Total number of pulses in waveform = 15

♀

Waveform Num = 17

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	507287	1	11.0	77	1091	0	0	507287	0	1499999
2	1370241	3	14.0	97	1364	1099	1552	1878619	1500000	2999999
3	2297945	3	7.0	86	1399	1069	1161	4180579	3000000	4499999
4	1032018	1	14.0	60	1556	0	0	5216226	4500000	5999999
5	1532770	3	13.0	92	1472	1915	1473	6750552	6000000	7499999
6	2101738	2	5.0	93	1119	1554	0	8857150	7500000	8999999

Random parameters Bin5										
7	1174000	3	11.0	71	1773	1877	1129	10033823	90000000	10499999
8	1710126	3	14.0	56	1019	1352	1969	11748728	10500000	11999999
Total number of pulses in waveform = 19										
♀										
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	407232	1	8.0	83	1814	0	0	407232	0	631578
2	660740	1	9.0	51	1941	0	0	1069786	631579	1263157
3	292151	2	16.0	58	1710	1608	0	1363878	1263158	1894736
4	1152057	3	6.0	94	1233	1734	1900	2519253	1894737	2526315
5	116394	3	11.0	95	1003	1231	1931	2640514	2526316	3157894
6	869648	1	20.0	100	1213	0	0	3514327	3157895	3789473
7	865909	3	10.0	51	1008	1824	1896	4381449	3789474	4421052
8	545751	1	15.0	80	1438	0	0	4931928	4421053	5052631
9	640113	3	18.0	61	1287	1872	1593	5573479	5052632	5684210
10	501712	3	8.0	69	1230	1000	1009	6079943	5684211	6315789
11	733832	2	15.0	58	1571	1852	0	6817014	6315790	6947368
12	292287	2	19.0	56	1218	1342	0	7112724	6947369	7578947
13	1003622	3	6.0	69	1921	1052	1208	8118906	7578948	8210526
14	590160	2	10.0	92	1724	1077	0	8713247	8210527	8842105
15	186904	1	18.0	69	1446	0	0	8902952	8842106	9473684
16	797171	3	18.0	75	1390	1010	1906	9701569	9473685	10105263
17	592071	2	16.0	78	1168	1556	0	10297946	10105264	10736842
18	1017082	3	6.0	93	1767	1837	1583	11317752	10736843	11368421
19	381158	2	8.0	52	1545	1943	0	11704097	11368422	12000000
Total number of pulses in waveform = 41										
♀										
Waveform Num = 19										
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	871111	3	18.0	66	1090	1582	1832	871111	0	1499999
2	1903770	2	10.0	61	1381	1368	0	2779385	1500000	2999999
3	1022506	1	8.0	61	1109	0	0	3804640	3000000	4499999
4	1378397	1	13.0	77	1031	0	0	5184146	4500000	5999999
5	1440471	2	14.0	62	1175	1376	0	6625648	6000000	7499999
6	890096	2	6.0	84	1312	1475	0	7518295	7500000	8999999
7	2813773	1	9.0	54	1811	0	0	10334855	9000000	10499999
8	414808	2	10.0	90	1831	1376	0	10751474	10500000	11999999
Total number of pulses in waveform = 14										
♀										
Waveform Num = 20										
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	993001	2	12.0	78	1258	1683	0	993001	0	999999
2	48501	1	19.0	71	1627	0	0	1044443	1000000	1999999
3	1643777	2	6.0	54	1881	1180	0	2689847	2000000	2999999

Random parameters Bin5

4	1141149	3	12.0	83	1082	1860	1191	3834057	3000000	3999999
5	995586	2	13.0	72	1774	1098	0	4833776	4000000	4999999
6	1084136	3	19.0	57	1350	1795	1820	5920784	5000000	5999999
7	539436	3	14.0	77	1642	1389	1535	6465185	6000000	6999999
8	1340861	3	8.0	91	1333	1110	1608	7810612	7000000	7999999
9	608563	1	14.0	84	1118	0	0	8423226	8000000	8999999
10	800593	3	8.0	99	1137	1852	1058	9224937	9000000	9999999
11	1091984	2	6.0	67	1331	1345	0	10320968	10000000	10999999
12	1059845	1	11.0	98	1321	0	0	11383489	11000000	11999999

Total number of pulses in waveform = 26

♀

Waveform Num = 21
 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	322309	1	11.0	99	1311	0	0	322309	0	799999
2	779089	1	9.0	57	1154	0	0	1102709	800000	1599999
3	926584	2	9.0	75	1355	1305	0	2030447	1600000	2399999
4	809294	2	5.0	80	1766	1640	0	2842401	2400000	3199999
5	1065491	2	16.0	53	1043	1922	0	3911298	3200000	3999999
6	736156	2	9.0	85	1416	1552	0	4650419	4000000	4799999
7	709424	3	11.0	92	1658	1339	1206	5362811	4800000	5599999
8	722843	2	18.0	61	1536	1981	0	6089857	5600000	6399999
9	893575	2	14.0	84	1834	1197	0	6986949	6400000	7199999
10	316313	1	13.0	59	1250	0	0	7306293	7200000	7999999
11	997406	2	18.0	60	1932	1345	0	8304949	8000000	8799999
12	1107965	2	19.0	99	1559	1231	0	9416191	8800000	9599999
13	810691	2	11.0	68	1646	1698	0	10229672	9600000	10399999
14	577479	2	6.0	67	1078	1012	0	10810495	10400000	11199999
15	832917	1	6.0	75	1422	0	0	11645502	11200000	11999999

Total number of pulses in waveform = 27

♀

Waveform Num = 22
 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	142162	2	16.0	53	1146	1245	0	142162	0	923076
2	1557415	3	20.0	87	1955	1748	1591	1701968	923077	1846153
3	901344	1	20.0	82	1081	0	0	2608606	1846154	2769230
4	351401	3	14.0	85	1563	1406	1492	2961088	2769231	3692307
5	1232031	1	7.0	71	1294	0	0	4197580	3692308	4615384
6	1268949	2	15.0	99	1076	1990	0	5467823	4615385	5538461
7	271738	1	15.0	66	1793	0	0	5742627	5538462	6461538
8	1272662	1	15.0	93	1057	0	0	7017082	6461539	7384615
9	928837	2	19.0	97	1283	1669	0	7946976	7384616	8307692
10	966283	3	20.0	55	1494	1349	1196	8916211	8307693	9230769
11	652252	3	16.0	78	1325	1348	1071	9572502	9230770	10153846
12	926046	1	7.0	61	1910	0	0	10502292	10153847	11076923

Random parameters Bin5

1351678

13 2 5.0 56 1699 1881 0 11855880 11076924 12000000

Total number of pulses in waveform = 25

♀

Waveform Num = 23

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	452352	2	12.0	74	1992	1058	0	452352	0	923076
2	696608	3	7.0	87	1919	1016	1235	1152010	923077	1846153
3	982009	1	14.0	74	1766	0	0	2138189	1846154	2769230
4	1376369	1	13.0	82	1987	0	0	3516324	2769231	3692307
5	513221	2	18.0	65	1487	1841	0	4031532	3692308	4615384
6	644851	1	20.0	94	1258	0	0	4679711	4615385	5538461
7	1056534	3	15.0	99	1338	1090	1719	5737503	5538462	6461538
8	730420	2	6.0	95	1078	1543	0	6472070	6461539	7384615
9	1588762	3	17.0	92	1927	1348	1607	8063453	7384616	8307692
10	655345	1	11.0	51	1312	0	0	8723680	8307693	9230769
11	796584	2	10.0	95	1523	1589	0	9521576	9230770	10153846
12	930755	3	11.0	62	1812	1453	1372	10455443	10153847	11076923
13	655265	3	14.0	91	1153	1742	1254	11115345	11076924	12000000

Total number of pulses in waveform = 27

♀

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	483828	3	7.0	100	1277	1244	1273	483828	0	1090908
2	1317282	3	6.0	100	1467	1034	1004	1804904	1090909	2181817
3	745979	3	16.0	78	1036	1680	1074	2554388	2181818	3272726
4	1505539	3	7.0	61	1629	1970	1350	4063717	3272727	4363635
5	1088940	2	6.0	68	1947	1553	0	5157606	4363636	5454544
6	1272907	2	6.0	57	1433	1314	0	6434013	5454545	6545453
7	522343	3	12.0	83	1686	1999	1825	6959103	6545454	7636362
8	1730355	3	11.0	70	1166	1016	1201	8694968	7636363	8727271
9	621723	1	7.0	96	1198	0	0	9320074	8727272	9818180
10	1043053	3	20.0	77	1092	1997	1662	10364325	9818181	10909089
11	1091415	2	9.0	76	1392	1813	0	11460491	10909090	11999998

Total number of pulses in waveform = 28

♀

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	398416	1	11.0	73	1295	0	0	398416	0	1199999
2	1429219	2	6.0	100	1199	1497	0	1828930	1200000	2399999
3	897813	3	18.0	79	1563	1927	1222	2729439	2400000	3599999
4	1044016	1	7.0	100	1040	0	0	3778167	3600000	4799999
5	1023118	3	7.0	54	1393	1474	1595	4802325	4800000	5999999
6	1759211	2	17.0	63	1660	1763	0	6565998	6000000	7199999
7	1055002	2	7.0	100	1793	1912	0	7624423	7200000	8399999

Random parameters Bin5

8	1162752	1	18.0	50	1594	0	0	8790880	8400000	9599999
9	1508808	3	13.0	51	1898	1398	1783	10301282	9600000	10799999
10	1115471	3	14.0	50	1895	1408	1014	11421832	10800000	11999999

Total number of pulses in waveform = 21

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	609548	2	9.0	96	1263	1207	0	609548	0	631578
2	172458	2	13.0	84	1002	1418	0	784476	631579	1263157
3	974451	1	20.0	100	1495	0	0	1761347	1263158	1894736
4	583887	2	13.0	95	1037	1920	0	2346729	1894737	2526315
5	423297	2	5.0	79	1140	1716	0	2772983	2526316	3157894
6	670490	1	11.0	87	1224	0	0	3446329	3157895	3789473
7	761509	1	15.0	50	1404	0	0	4209062	3789474	4421052
8	407998	2	18.0	90	1683	1813	0	4618464	4421053	5052631
9	873262	3	9.0	91	1025	1874	1174	5495222	5052632	5684210
10	256906	1	10.0	91	1385	0	0	5756201	5684211	6315789
11	828539	2	18.0	76	1956	1668	0	6586125	6315790	6947368
12	650375	3	15.0	73	1012	1801	1804	7240124	6947369	7578947
13	588974	1	9.0	52	1339	0	0	7833715	7578948	8210526
14	730172	3	17.0	72	1199	1971	1164	8565226	8210527	8842105
15	397864	3	7.0	96	1539	1621	1158	8967424	8842106	9473684
16	1093331	1	11.0	79	1822	0	0	10065073	9473685	10105263
17	450101	1	20.0	69	1912	0	0	10516996	10105264	10736842
18	544131	1	19.0	90	1488	0	0	11063039	10736843	11368421
19	871313	1	12.0	97	1426	0	0	11935840	11368422	12000000

Total number of pulses in waveform = 33

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	178192	1	10.0	60	1995	0	0	178192	0	631578
2	861363	3	9.0	56	1574	1995	1280	1041550	631579	1263157
3	582476	3	6.0	97	1377	1141	1570	1628875	1263158	1894736
4	428543	3	16.0	74	1762	1317	1372	2061506	1894737	2526315
5	715210	3	16.0	76	1877	1681	1362	2781167	2526316	3157894
6	385948	1	18.0	88	1333	0	0	3172035	3157895	3789473
7	907856	2	9.0	98	1078	1563	0	4081224	3789474	4421052
8	577634	3	11.0	55	1518	1048	1138	4661499	4421053	5052631
9	629907	3	9.0	92	1712	1819	1575	5295110	5052632	5684210
10	550407	3	11.0	88	1460	1769	1909	5850623	5684211	6315789
11	660230	2	11.0	78	1905	1796	0	6515991	6315790	6947368
12	699054	2	20.0	67	1619	1329	0	7218746	6947369	7578947
13	426257	3	11.0	72	1421	1127	1602	7647951	7578948	8210526
14	944376	1	19.0	74	1612	0	0	8596477	8210527	8842105

Random parameters Bin5										
15	298418	2	15.0	50	1467	1573	0	8896507	8842106	9473684
16	1061611	2	10.0	60	1285	1604	0	9961158	9473685	10105263
17	435543	1	11.0	80	1923	0	0	10399590	10105264	10736842
18	729554	2	5.0	72	1289	1197	0	11131067	10736843	11368421
19	505365	2	17.0	78	1505	1996	0	11638918	11368422	12000000
Total number of pulses in waveform = 42										
♀										
Waveform Num = 28										
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	431626	2	13.0	74	1595	1169	0	431626	0	857142
2	953033	3	18.0	72	1706	1118	1797	1387423	857143	1714285
3	540614	1	18.0	92	1858	0	0	1932658	1714286	2571428
4	811528	1	11.0	74	1985	0	0	2746044	2571429	3428571
5	790701	1	14.0	88	1607	0	0	3538730	3428572	4285714
6	1000385	1	8.0	66	1055	0	0	4540722	4285715	5142857
7	1294185	1	8.0	79	1120	0	0	5835962	5142858	6000000
8	1002247	1	16.0	75	1636	0	0	6839329	6000001	6857143
9	376075	1	5.0	82	1921	0	0	7217040	6857144	7714286
10	1188408	2	9.0	50	1528	1988	0	8407369	7714287	8571429
11	620172	1	20.0	91	1965	0	0	9031057	8571430	9428572
12	1033750	1	14.0	55	1208	0	0	10066772	9428573	10285715
13	343919	1	20.0	87	1301	0	0	10411899	10285716	11142858
14	943154	1	13.0	51	1845	0	0	11356354	11142859	12000001
Total number of pulses in waveform = 18										
♀										
Waveform Num = 29										
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	367176	2	17.0	79	1117	1539	0	367176	0	799999
2	637113	3	6.0	60	1287	1438	1830	1006945	800000	1599999
3	1287265	2	11.0	65	1709	1681	0	2298765	1600000	2399999
4	447998	3	6.0	68	1419	1547	1457	2750153	2400000	3199999
5	1137727	3	8.0	50	1140	1967	1867	3892303	3200000	3999999
6	652643	3	10.0	65	1023	1217	1871	4549920	4000000	4799999
7	728337	1	13.0	66	1470	0	0	5282368	4800000	5599999
8	676374	3	18.0	63	1711	1819	1167	5960212	5600000	6399999
9	1072467	3	6.0	64	1226	1511	1950	7037376	6400000	7199999
10	344395	3	8.0	67	1863	1399	1701	7386458	7200000	7999999
11	1047779	2	19.0	94	1222	1347	0	8439200	8000000	8799999
12	457513	3	17.0	67	1701	1032	1777	8899282	8800000	9599999
13	1260048	2	17.0	99	1143	1130	0	10163840	9600000	10399999
14	410767	1	16.0	70	1508	0	0	10576880	10400000	11199999
15	1033756	3	8.0	77	1361	1387	1491	11612144	11200000	11999999
Total number of pulses in waveform = 37										
♀										
Waveform Num = 30										
Num of Bursts = 14										

Random parameters Bin5

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	652549	3	16.0	82	1929	1033	1115	652549	0	857142
2	769343	2	11.0	71	1665	1272	0	1425969	857143	1714285
3	903101	3	20.0	60	1578	1305	1304	2332007	1714286	2571428
4	435177	2	18.0	69	1156	1390	0	2771371	2571429	3428571
5	1127606	2	9.0	98	1390	1778	0	3901523	3428572	4285714
6	1138410	1	8.0	78	1937	0	0	5043101	4285715	5142857
7	813891	1	13.0	85	1828	0	0	5858929	5142858	6000000
8	259829	1	6.0	81	1717	0	0	6120586	6000001	6857143
9	1554944	2	5.0	51	1755	1291	0	7677247	6857144	7714286
10	342086	1	17.0	74	1497	0	0	8022379	7714287	8571429
11	871888	3	10.0	78	1100	1688	1727	8895764	8571430	9428572
12	997399	3	8.0	79	1802	1650	1276	9897678	9428573	10285715
13	1029370	2	20.0	69	1908	1306	0	10931776	10285716	11142858
14	402153	2	5.0	70	1907	1035	0	11337143	11142859	12000001

Total number of pulses in waveform = 28

40MHz Bandwidth

Random DFS waveform parameters (NewBin5) 22-Jun-2015 17:01:38

Waveform Num = 1
 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	324705	2	11.0	59	1050	1623	0	324705	0	666666
2	965635	1	7.0	63	1313	0	0	1293013	666667	1333333
3	433714	2	15.0	88	1695	1441	0	1728040	1333334	2000000
4	767505	1	14.0	87	1787	0	0	2498681	2000001	2666667
5	520180	2	10.0	90	1516	1809	0	3020648	2666668	3333334
6	958149	1	7.0	85	1689	0	0	3982122	3333335	4000001
7	74548	1	12.0	61	1940	0	0	4058359	4000002	4666668
8	627815	2	15.0	88	1946	1171	0	4688114	4666669	5333335
9	1082736	1	15.0	83	1211	0	0	5773967	5333336	6000002
10	784469	3	7.0	94	1527	1982	1456	6559647	6000003	6666669
11	750497	1	6.0	77	1899	0	0	7315109	6666670	7333336
12	604597	1	6.0	64	1865	0	0	7921605	7333337	8000003
13	517584	3	7.0	74	1742	1831	1464	8441054	8000004	8666670
14	472016	3	14.0	75	1171	1623	1848	8918107	8666671	9333337
15	731801	3	13.0	62	1348	1935	1723	9654550	9333338	10000004
16	830627	3	17.0	95	1808	1932	1047	10490183	10000005	10666671
17	610823	2	15.0	84	1919	1968	0	11105793	10666672	11333338
18	255298	2	19.0	74	1426	1443	0	11364978	11333339	12000005

Total number of pulses in waveform = 34

Waveform Num = 2
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

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)	Pri(us)	Pri(us)	(us)	Interval(us)	Interval(us)
1	184055	3	10.0	84	1823	1806	1753	184055	0	705881
2	1154230	3	10.0	86	1467	1962	1667	1343667	705882	1411763
3	497705	2	18.0	50	1870	1488	0	1846468	1411764	2117645
4	546766	1	8.0	58	1889	0	0	2396592	2117646	2823527
5	923103	2	7.0	94	1623	1262	0	3321584	2823528	3529409
6	649802	2	10.0	83	1680	1183	0	3974271	3529410	4235291
7	633972	1	7.0	85	1084	0	0	4611106	4235292	4941173
8	347488	2	13.0	96	1691	1876	0	4959678	4941174	5647055
9	1171564	1	19.0	90	1266	0	0	6134809	5647056	6352937
10	223173	2	7.0	61	1409	1955	0	6359248	6352938	7058819
11	1035106	3	10.0	62	1359	1568	1502	7397718	7058820	7764701
12	450940	1	8.0	83	1887	0	0	7853087	7764702	8470583
13	1288049	2	14.0	68	1302	1407	0	9143023	8470584	9176465
14	401198	3	20.0	83	1072	1652	1932	9546930	9176466	9882347
15	669918	2	9.0	89	1933	1812	0	10221504	9882348	10588229
16	424114	3	13.0	91	1625	1501	1038	10649363	10588230	11294111
17	706843	1	13.0	50	1371	0	0	11360370	11294112	11999993

Total number of pulses in waveform = 34

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	538408	1	14.0	89	1467	0	0	538408	0	599999
2	286780	2	7.0	60	1009	1235	0	826655	600000	1199999
3	507738	2	12.0	65	1770	1474	0	1336637	1200000	1799999
4	973478	3	9.0	57	1555	1112	1316	2313359	1800000	2399999
5	180853	1	9.0	53	1188	0	0	2498195	2400000	2999999
6	959890	1	5.0	61	1830	0	0	3459273	3000000	3599999
7	610153	2	14.0	88	1024	1270	0	4071256	3600000	4199999
8	199352	3	11.0	76	1040	1944	1719	4272902	4200000	4799999
9	685891	2	15.0	97	1682	1559	0	4963496	4800000	5399999
10	1024333	2	19.0	79	1846	1664	0	5991070	5400000	5999999
11	406670	1	16.0	64	1015	0	0	6401250	6000000	6599999
12	503819	2	15.0	100	1010	1287	0	6906084	6600000	7199999
13	594960	3	9.0	71	1192	1283	1524	7503341	7200000	7799999
14	513424	1	6.0	85	1104	0	0	8020764	7800000	8399999
15	477026	1	14.0	80	1276	0	0	8498894	8400000	8999999
16	572317	1	13.0	57	1434	0	0	9072487	9000000	9599999
17	984906	1	17.0	51	1249	0	0	10058827	9600000	10199999
18	309049	2	13.0	92	1389	1923	0	10369125	10200000	10799999
19	642872	2	5.0	86	1405	1085	0	11015309	10800000	11399999
20	528954	2	12.0	54	1538	1637	0	11546753	11400000	11999999

Total number of pulses in waveform = 35

Waveform Num = 4
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Random parameters Bin5

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	69132	3	8.0	72	1556	1691	1489	69132	0	705881
2	1267750	2	16.0	78	1368	1410	0	1341618	705882	1411763
3	476167	2	6.0	85	1392	1867	0	1820563	1411764	2117645
4	415959	2	6.0	99	1469	1430	0	2239781	2117646	2823527
5	619987	2	10.0	55	1224	1663	0	2862667	2823528	3529409
6	919429	3	20.0	89	1054	1657	1243	3784983	3529410	4235291
7	885126	3	7.0	61	1259	1150	1440	4674063	4235292	4941173
8	265352	3	12.0	91	1506	1022	1494	4943264	4941174	5647055
9	1238736	2	5.0	54	1438	1280	0	6186022	5647056	6352937
10	571451	2	6.0	89	1849	1413	0	6760191	6352938	7058819
11	765068	1	7.0	84	1064	0	0	7528521	7058820	7764701
12	887928	2	13.0	60	1415	1771	0	8417513	7764702	8470583
13	550079	2	6.0	90	1597	1543	0	8970778	8470584	9176465
14	470588	1	20.0	91	1982	0	0	9444506	9176466	9882347
15	755900	2	12.0	60	1212	1096	0	10202388	9882348	10588229
16	733316	3	9.0	90	1874	1480	1430	10938012	10588230	11294111
17	548462	1	12.0	78	1524	0	0	11491258	11294112	11999993

Total number of pulses in waveform = 36

♀
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	1494714	1	5.0	51	1628	0	0	1494714	0	1499999
2	374881	2	10.0	62	1091	1382	0	1871223	1500000	2999999
3	1701228	3	9.0	89	1496	1479	1639	3574924	3000000	4499999
4	2161716	1	15.0	92	1209	0	0	5741254	4500000	5999999
5	265269	1	19.0	70	1206	0	0	6007732	6000000	7499999
6	2540446	2	10.0	62	1455	1298	0	8549384	7500000	8999999
7	688160	3	5.0	58	1075	1318	1944	9240297	9000000	10499999
8	2363753	1	18.0	86	1511	0	0	11608387	10500000	11999999

Total number of pulses in waveform = 14

♀
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	72136	1	18.0	74	1445	0	0	72136	0	631578
2	679636	3	15.0	92	1939	1827	1368	753217	631579	1263157
3	771204	3	7.0	90	1175	1569	1828	1529555	1263158	1894736
4	956121	1	9.0	70	1454	0	0	2490248	1894737	2526315
5	83566	3	14.0	61	1909	1796	1507	2575268	2526316	3157894
6	603607	1	20.0	94	1996	0	0	3184087	3157895	3789473
7	1177521	1	9.0	78	1209	0	0	4363604	3789474	4421052
8	333236	2	19.0	58	1616	1126	0	4698049	4421053	5052631
9	977716	3	16.0	93	1192	1392	1119	5678507	5052632	5684210
	18567									

						Random parameters Bin5				
10		2	12.0	58	1035	1275	0	5700777	5684211	6315789
11	993923	1	11.0	57	1178	0	0	6697010	6315790	6947368
12	522862	3	15.0	88	1464	1208	1228	7221050	6947369	7578947
13	708329	1	20.0	86	1270	0	0	7933279	7578948	8210526
14	407794	1	9.0	94	1652	0	0	8342343	8210527	8842105
15	964830	3	7.0	85	1276	1753	1153	9308825	8842106	9473684
16	624343	1	7.0	84	1236	0	0	9937350	9473685	10105263
17	281187	1	19.0	100	1497	0	0	10219773	10105264	10736842
18	1107415	1	20.0	77	1680	0	0	11328685	10736843	11368421
19	83321	3	7.0	98	1594	1819	1597	11413686	11368422	12000000

Total number of pulses in waveform = 35

♀
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	299561	1	7.0	98	1469	0	0	299561	0	1090908
2	1158849	1	19.0	78	1114	0	0	1459879	1090909	2181817
3	1646147	1	12.0	84	1935	0	0	3107140	2181818	3272726
4	730017	3	14.0	62	1663	1571	1749	3839092	3272727	4363635
5	963842	3	20.0	63	1964	1349	1968	4807917	4363636	5454544
6	1682876	2	12.0	88	1779	1777	0	6496074	5454545	6545453
7	73720	3	14.0	63	1092	1745	1924	6573350	6545454	7636362
8	1923681	2	18.0	96	1507	1769	0	8501792	7636363	8727271
9	920725	2	17.0	66	1399	1877	0	9425793	8727272	9818180
10	674783	1	9.0	54	1709	0	0	10103852	9818181	10909089
11	1736741	3	12.0	79	1749	1309	1447	11842302	10909090	11999998

Total number of pulses in waveform = 22

♀
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	424551	2	6.0	98	1927	1244	0	424551	0	666666
2	566795	2	6.0	75	1287	1143	0	994517	666667	1333333
3	411181	1	10.0	77	1091	0	0	1408128	1333334	2000000
4	921246	1	17.0	57	1484	0	0	2330465	2000001	2666667
5	423905	2	5.0	89	1526	1081	0	2755854	2666668	3333334
6	1227655	1	8.0	51	1016	0	0	3986116	3333335	4000001
7	361820	2	8.0	52	1430	1652	0	4348952	4000002	4666668
8	734820	1	13.0	86	1985	0	0	5086854	4666669	5333335
9	522589	2	14.0	95	1596	1829	0	5611428	5333336	6000002
10	942549	3	7.0	97	1324	1899	1857	6557402	6000003	6666669
11	474299	3	17.0	93	1320	1153	1944	7036781	6666670	7333336
12	333209	3	13.0	87	1290	1121	1588	7374407	7333337	8000003
13	1275216	2	11.0	60	1212	1899	0	8653622	8000004	8666670
14	127401	2	12.0	88	1658	1203	0	8784134	8666671	9333337
15	723684	1	9.0	67	1465	0	0	9510679	9333338	10000004
	490724									

						Random parameters Bin5				
16		1	5.0	84	1866	0	0	10002868	10000005	10666671
17	666715	3	13.0	53	1349	1194	1949	10671449	10666672	11333338
18	759543	1	20.0	78	1072	0	0	11435484	11333339	12000005

Total number of pulses in waveform = 33

♀
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	342334	1	9.0	61	1064	0	0	342334	0	1333332
2	1261701	2	14.0	69	1477	1846	0	1605099	1333333	2666665
3	1456875	2	20.0	69	1921	1404	0	3065297	2666666	3999998
4	2018545	1	15.0	93	1423	0	0	5087167	3999999	5333331
5	1224011	1	17.0	69	1250	0	0	6312601	5333332	6666664
6	899634	1	19.0	90	1309	0	0	7213485	6666665	7999997
7	911400	3	18.0	87	1500	1812	1098	8126194	7999998	9333330
8	1852047	3	9.0	58	1096	1937	1906	9982651	9333331	10666663
9	1034559	1	19.0	81	1637	0	0	11022149	10666664	11999996

Total number of pulses in waveform = 15

♀
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	760688	1	18.0	94	1905	0	0	760688	0	1333332
2	1566398	3	17.0	51	1840	1958	1146	2328991	1333333	2666665
3	1342629	1	17.0	74	1898	0	0	3676564	2666666	3999998
4	1547235	3	5.0	71	1366	1699	1466	5225697	3999999	5333331
5	843612	1	7.0	53	1437	0	0	6073840	5333332	6666664
6	1676795	3	5.0	64	1499	1739	1436	7752072	6666665	7999997
7	761024	1	5.0	69	1394	0	0	8517770	7999998	9333330
8	832357	2	9.0	86	1883	1914	0	9351521	9333331	10666663
9	1570251	2	9.0	79	1692	1246	0	10925569	10666664	11999996

Total number of pulses in waveform = 17

♀
Waveform Num = 11
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	624141	1	13.0	82	1904	0	0	624141	0	923076
2	309900	1	15.0	62	1916	0	0	935945	923077	1846153
3	1064744	1	18.0	76	1324	0	0	2002605	1846154	2769230
4	1224333	1	19.0	66	1830	0	0	3228262	2769231	3692307
5	895556	1	15.0	74	1462	0	0	4125648	3692308	4615384
6	1278499	1	14.0	74	1213	0	0	5405609	4615385	5538461
7	784630	2	17.0	60	1062	1060	0	6191452	5538462	6461538
8	946663	1	16.0	80	1650	0	0	7140237	6461539	7384615
9	872952	3	10.0	80	1538	1372	1674	8014839	7384616	8307692
10	1130722	3	18.0	73	1404	1640	1508	9150145	8307693	9230769
11	925267	2	5.0	92	1558	1311	0	10079964	9230770	10153846
	256369									

Random parameters Bin5										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
12	958225	2	18.0	85	1724	1032	0	10339202	10153847	11076923
13		2	9.0	70	1008	1723	0	11300183	11076924	12000000
Total number of pulses in waveform = 21										
Waveform Num = 12										
Num of Bursts = 16										
Burst Interval (us) = 750000.0										
1	701822	1	8.0	68	1997	0	0	701822	0	749999
2	752612	2	18.0	65	1363	1854	0	1456431	750000	1499999
3	65914	1	20.0	64	1688	0	0	1525562	1500000	2249999
4	875187	3	6.0	90	1138	1806	1145	2402437	2250000	2999999
5	1002182	3	5.0	57	1899	1579	1656	3408708	3000000	3749999
6	1032681	2	9.0	94	1415	1545	0	4446523	3750000	4499999
7	214840	1	19.0	88	1439	0	0	4664323	4500000	5249999
8	1326644	2	15.0	85	1835	1715	0	5992406	5250000	5999999
9	721059	3	8.0	84	1651	1437	1831	6717015	6000000	6749999
10	496021	3	19.0	51	1716	1146	1815	7217955	6750000	7499999
11	676134	3	11.0	87	1373	1665	1885	7898766	7500000	8249999
12	799872	1	15.0	79	1108	0	0	8703561	8250000	8999999
13	853386	1	18.0	84	1983	0	0	9558055	9000000	9749999
14	918455	1	15.0	61	1025	0	0	10478493	9750000	10499999
15	108962	1	16.0	50	1708	0	0	10588480	10500000	11249999
16	1006778	1	19.0	86	1465	0	0	11596966	11250000	11999999
Total number of pulses in waveform = 29										
Waveform Num = 13										
Num of Bursts = 13										
Burst Interval (us) = 923077.0										
1	469268	1	15.0	95	1260	0	0	469268	0	923076
2	1184792	1	15.0	79	1879	0	0	1655320	923077	1846153
3	714840	2	13.0	73	1599	1810	0	2372039	1846154	2769230
4	1026706	2	10.0	76	1160	1634	0	3402154	2769231	3692307
5	1205116	2	9.0	98	1403	1798	0	4610064	3692308	4615384
6	850276	3	11.0	69	1909	1459	1827	5463541	4615385	5538461
7	329205	3	9.0	58	1910	1488	1521	5797941	5538462	6461538
8	1212365	3	15.0	59	1933	1734	1981	7015225	6461539	7384615
9	871956	1	11.0	72	1834	0	0	7892829	7384616	8307692
10	855625	1	7.0	90	1253	0	0	8750288	8307693	9230769
11	746759	2	8.0	64	1921	1513	0	9498300	9230770	10153846
12	781837	3	20.0	64	1864	1555	1296	10283571	10153847	11076923
13	1266015	2	16.0	51	1097	1070	0	11554301	11076924	12000000
Total number of pulses in waveform = 26										
Waveform Num = 14										
Num of Bursts = 11										
Burst Interval (us) = 1090909.0										
1	448853	3	13.0	94	1115	1309	1149	448853	0	1090908
	1628432									

Random parameters Bin5										
2		3	14.0	97	1898	1397	1282	2080858	1090909	2181817
3	669614	2	15.0	100	1639	1623	0	2755049	2181818	3272726
4	722132	2	7.0	87	1319	1289	0	3480443	3272727	4363635
5	1957064	1	5.0	100	1063	0	0	5440115	4363636	5454544
6	1042122	1	7.0	88	1004	0	0	6483300	5454545	6545453
7	895403	3	16.0	93	1517	1161	1460	7379707	6545454	7636362
8	786345	2	16.0	92	1462	1125	0	8170190	7636363	8727271
9	1070146	3	9.0	63	1985	1096	1673	9242923	8727272	9818180
10	1500624	3	8.0	66	1526	1577	1825	10748301	9818181	10909089
11	356087	2	12.0	73	1432	1356	0	11109316	10909090	11999998

Total number of pulses in waveform = 25

♀
Waveform Num = 15
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	631481	3	11.0	87	1370	1923	1453	631481	0	1199999
2	1454668	3	20.0	64	1074	1195	1299	2090895	1200000	2399999
3	1108539	1	6.0	91	1817	0	0	3203002	2400000	3599999
4	1536951	1	11.0	92	1529	0	0	4741770	3600000	4799999
5	399450	1	16.0	67	1417	0	0	5142749	4800000	5999999
6	1067376	1	11.0	69	1727	0	0	6211542	6000000	7199999
7	2043719	2	14.0	77	1588	1060	0	8256988	7200000	8399999
8	1203619	3	14.0	72	1967	1460	1281	9463255	8400000	9599999
9	717521	3	13.0	95	1108	1648	1654	10185484	9600000	10799999
10	1333111	1	8.0	53	1038	0	0	11523005	10800000	11999999

Total number of pulses in waveform = 19

♀
Waveform Num = 16
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	261397	2	19.0	59	1155	1376	0	261397	0	631578
2	973817	1	13.0	68	1550	0	0	1237745	631579	1263157
3	126845	1	9.0	85	1495	0	0	1366140	1263158	1894736
4	1072315	3	11.0	52	1935	1630	1648	2439950	1894737	2526315
5	541224	2	11.0	66	1526	1296	0	2986387	2526316	3157894
6	581439	1	15.0	64	1259	0	0	3570648	3157895	3789473
7	392639	1	18.0	86	1324	0	0	3964546	3789474	4421052
8	787780	1	18.0	78	1540	0	0	4753650	4421053	5052631
9	843305	1	16.0	74	1038	0	0	5598495	5052632	5684210
10	238142	2	17.0	97	1814	1857	0	5837675	5684211	6315789
11	507352	2	5.0	98	1091	1568	0	6348698	6315790	6947368
12	1083615	2	5.0	71	1113	1410	0	7434972	6947369	7578947
13	303519	2	9.0	62	1279	1300	0	7741014	7578948	8210526
14	729317	1	5.0	91	1459	0	0	8472910	8210527	8842105
15	721331	1	10.0	96	1035	0	0	9195700	8842106	9473684
16	670931	2	15.0	52	1461	1945	0	9867666	9473685	10105263
	287010									

						Random parameters Bin5					
17		1	16.0	72	1063	0	0	10158082	10105264	10736842	
18	891705	3	16.0	73	1708	1095	1157	11050850	10736843	11368421	
19	340000	1	5.0	95	1893	0	0	11394810	11368422	12000000	

Total number of pulses in waveform = 30

♀

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	813397	2	12.0	53	1740	1580	0	813397	0	1199999
2	858307	1	12.0	54	1150	0	0	1675024	1200000	2399999
3	1248094	2	8.0	57	1443	1796	0	2924268	2400000	3599999
4	1023051	2	18.0	58	1355	1709	0	3950558	3600000	4799999
5	2028885	1	15.0	60	1340	0	0	5982507	4800000	5999999
6	836913	1	13.0	53	1798	0	0	6820760	6000000	7199999
7	792229	3	13.0	98	1354	1768	1364	7614787	7200000	8399999
8	1730733	3	11.0	60	1224	1739	1500	9350006	8400000	9599999
9	871046	2	18.0	73	1469	1924	0	10225515	9600000	10799999
10	1385779	1	18.0	62	1031	0	0	11614687	10800000	11999999

Total number of pulses in waveform = 18

♀

Waveform Num = 18

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	1027923	3	6.0	73	1250	1434	1931	1027923	0	1090908
2	954777	1	12.0	92	1844	0	0	1987315	1090909	2181817
3	1027014	3	10.0	97	1772	1506	1484	3016173	2181818	3272726
4	1123542	1	18.0	71	1014	0	0	4144477	3272727	4363635
5	449807	3	15.0	84	1174	1861	1018	4595298	4363636	5454544
6	959516	3	17.0	78	1612	1311	1071	5558867	5454545	6545453
7	1715588	2	10.0	71	1399	1264	0	7278449	6545454	7636362
8	484155	2	6.0	78	1864	1677	0	7765267	7636363	8727271
9	1493142	3	19.0	79	1752	1137	1197	9261950	8727272	9818180
10	1524976	3	10.0	98	1878	1094	1364	10791012	9818181	10909089
11	520993	3	11.0	84	1872	1012	1988	11316341	10909090	11999998

Total number of pulses in waveform = 27

♀

Waveform Num = 19

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	647552	3	8.0	76	1058	1921	1736	647552	0	799999
2	535634	1	8.0	74	1245	0	0	1187901	800000	1599999
3	730202	3	16.0	79	1056	1368	1334	1919348	1600000	2399999
4	782478	2	16.0	79	1292	1167	0	2705584	2400000	3199999
5	1210540	3	5.0	58	1379	1686	1223	3918583	3200000	3999999
6	364245	2	15.0	59	1021	1662	0	4287116	4000000	4799999
7	597547	3	8.0	68	1129	1132	1352	4887346	4800000	5599999
8	1270800	3	18.0	56	1192	1051	1884	6161759	5600000	6399999
	475611									

Random parameters Bin5										
9	1243671	2	8.0	50	1045	1290	0	6641497	6400000	7199999
10	664926	3	13.0	72	1928	1909	1958	7887503	7200000	7999999
11	466853	2	17.0	78	1106	1116	0	8558224	8000000	8799999
12	1245934	2	19.0	53	1255	1839	0	9027299	8800000	9599999
13	389581	2	17.0	84	1759	1091	0	10276327	9600000	10399999
14	1313441	1	18.0	60	1894	0	0	10668758	10400000	11199999
15		3	10.0	51	1236	1552	1439	11984093	11200000	11999999
Total number of pulses in waveform = 35										
♀										
Waveform Num = 20										
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	769987	2	16.0	55	1321	1558	0	769987	0	1090908
2	582367	2	17.0	89	1256	1172	0	1355233	1090909	2181817
3	979202	2	8.0	98	1548	1253	0	2336863	2181818	3272726
4	1625323	2	6.0	66	1265	1832	0	3964987	3272727	4363635
5	1257488	1	9.0	94	1295	0	0	5225572	4363636	5454544
6	282331	1	12.0	97	1419	0	0	5509198	5454545	6545453
7	1519554	1	16.0	96	1191	0	0	7030171	6545454	7636362
8	674578	3	14.0	70	1507	1126	1339	7705940	7636363	8727271
9	2101687	1	20.0	68	1178	0	0	9811599	8727272	9818180
10	641376	3	10.0	95	1300	1443	1164	10454153	9818181	10909089
11	559481	3	6.0	64	1631	1635	1786	11017541	10909090	11999998
Total number of pulses in waveform = 21										
♀										
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	320555	3	18.0	89	1885	1253	1771	320555	0	923076
2	1339786	3	7.0	66	1553	1713	1655	1665250	923077	1846153
3	752259	1	13.0	98	1697	0	0	2422430	1846154	2769230
4	424842	1	6.0	53	1849	0	0	2848969	2769231	3692307
5	1545712	3	13.0	78	1038	1690	1798	4396530	3692308	4615384
6	1109131	3	11.0	85	1107	1700	1262	5510187	4615385	5538461
7	542208	3	8.0	66	1703	1391	1659	6056464	5538462	6461538
8	1043124	1	16.0	97	1297	0	0	7104341	6461539	7384615
9	1018041	2	12.0	86	1371	1240	0	8123679	7384616	8307692
10	1060644	3	7.0	51	1873	1839	1843	9186934	8307693	9230769
11	565128	3	6.0	83	1555	1613	1603	9757617	9230770	10153846
12	897287	1	17.0	99	1648	0	0	10659675	10153847	11076923
13	1305573	3	10.0	52	1704	1967	1847	11966896	11076924	12000000
Total number of pulses in waveform = 30										
♀										
Waveform Num = 22										
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	142645	1	12.0	88	1384	0	0	142645	0	1199999
	2115379									

						Random parameters Bin5				
2		2	11.0	77	1883	1673	0	2259408	1200000	2399999
3	139337	3	7.0	66	1562	1400	1701	2402301	2400000	3599999
4	2351952	3	20.0	75	1649	1159	1894	4758916	3600000	4799999
5	902673	3	9.0	62	1228	1496	1458	5666291	4800000	5999999
6	958062	3	12.0	82	1755	1607	1752	6628535	6000000	7199999
7	1605107	3	13.0	93	1025	1497	1797	8238756	7200000	8399999
8	598068	2	11.0	97	1746	1142	0	8841143	8400000	9599999
9	1145384	1	11.0	98	1178	0	0	9989415	9600000	10799999
10	1084076	1	20.0	86	1319	0	0	11074669	10800000	11999999

Total number of pulses in waveform = 22

♀
Waveform Num = 23
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	813868	1	8.0	65	1834	0	0	813868	0	923076
2	645552	3	11.0	66	1094	1734	1644	1461254	923077	1846153
3	869886	3	9.0	64	1816	1424	1475	2335612	1846154	2769230
4	624586	1	13.0	61	1920	0	0	2964913	2769231	3692307
5	1032671	1	9.0	50	1105	0	0	3999504	3692308	4615384
6	656648	3	19.0	96	1018	1919	1748	4657257	4615385	5538461
7	1683246	2	20.0	54	1561	1703	0	6345188	5538462	6461538
8	359294	1	6.0	79	1230	0	0	6707746	6461539	7384615
9	1009683	1	11.0	80	1852	0	0	7718659	7384616	8307692
10	933824	2	17.0	100	1636	1975	0	8654335	8307693	9230769
11	1324475	3	12.0	88	1200	1554	1764	9982421	9230770	10153846
12	761251	2	11.0	78	1236	1315	0	10748190	10153847	11076923
13	1133111	3	11.0	89	1868	1795	1223	11883852	11076924	12000000

Total number of pulses in waveform = 26

♀
Waveform Num = 24
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	9686	2	20.0	66	1031	1955	0	9686	0	1499999
2	2118142	3	12.0	97	1907	1886	1158	2130814	1500000	2999999
3	2189233	1	17.0	57	1698	0	0	4324998	3000000	4499999
4	353489	1	17.0	76	1242	0	0	4680185	4500000	5999999
5	1810615	3	6.0	100	1508	1885	1011	6492042	6000000	7499999
6	1226001	3	18.0	78	1415	1830	1764	7722447	7500000	8999999
7	1879746	1	14.0	95	1759	0	0	9607202	9000000	10499999
8	1180333	2	5.0	95	1395	1230	0	10789294	10500000	11999999

Total number of pulses in waveform = 16

♀
Waveform Num = 25
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	30597	3	5.0	100	1171	1762	1589	30597	0	705881
2	975874	3	10.0	74	1885	1701	1148	1010993	705882	1411763
	532015									

Random parameters Bin5										
3		1	6.0	86	1483	0	0	1547742	1411764	2117645
4	625760	1	15.0	67	1713	0	0	2174985	2117646	2823527
5	1086465	2	8.0	65	1093	1993	0	3263163	2823528	3529409
6	599216	1	18.0	91	1457	0	0	3865465	3529410	4235291
7	571621	3	13.0	93	1574	1795	1429	4438543	4235292	4941173
8	670341	1	19.0	75	1139	0	0	5113682	4941174	5647055
9	952204	1	6.0	86	1528	0	0	6067025	5647056	6352937
10	567561	1	5.0	100	1636	0	0	6636114	6352938	7058819
11	747562	1	19.0	71	1502	0	0	7385312	7058820	7764701
12	394176	1	12.0	90	1089	0	0	7780990	7764702	8470583
13	1186260	2	5.0	51	1026	1032	0	8968339	8470584	9176465
14	285017	2	6.0	72	1971	1191	0	9255414	9176466	9882347
15	1209103	1	19.0	59	1203	0	0	10467679	9882348	10588229
16	171245	2	19.0	90	1669	1456	0	10640127	10588230	11294111
17	856313	3	20.0	90	1124	1825	1941	11499565	11294112	11999993

Total number of pulses in waveform = 29

♀
Waveform Num = 26
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	673697	2	6.0	53	1836	1429	0	673697	0	749999
2	423227	2	14.0	87	1673	1307	0	1100189	750000	1499999
3	1071157	1	14.0	73	1165	0	0	2174326	1500000	2249999
4	180895	2	14.0	73	1108	1900	0	2356386	2250000	2999999
5	1240804	2	14.0	58	1640	1513	0	3600198	3000000	3749999
6	811270	1	15.0	89	1415	0	0	4414621	3750000	4499999
7	639294	1	20.0	93	1748	0	0	5055330	4500000	5249999
8	217425	2	5.0	82	1357	1199	0	5274503	5250000	5999999
9	1132536	2	16.0	89	1415	1826	0	6409595	6000000	6749999
10	926830	2	13.0	86	1671	1582	0	7339666	6750000	7499999
11	187737	3	15.0	63	1385	1256	1079	7530656	7500000	8249999
12	900175	2	10.0	63	1879	1845	0	8434551	8250000	8999999
13	919400	3	9.0	53	1882	1487	1528	9357675	9000000	9749999
14	546044	2	11.0	95	1009	1489	0	9908616	9750000	10499999
15	829832	3	9.0	87	1943	1450	1756	10740946	10500000	11249999
16	1157841	2	15.0	82	1038	1905	0	11903936	11250000	11999999

Total number of pulses in waveform = 32

♀
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	758034	2	17.0	71	1206	1088	0	758034	0	1199999
2	1389077	2	6.0	78	1761	1667	0	2149405	1200000	2399999
3	1372126	3	6.0	92	1641	1089	1243	3524959	2400000	3599999
4	745406	3	9.0	64	1578	1849	1647	4274338	3600000	4799999
5	1617486	2	13.0	67	1785	1284	0	5896898	4800000	5999999
	1045880									

						Random parameters Bin5				
6		2	20.0	86	1015	1775	0	6945847	6000000	7199999
7	1006220	3	8.0	66	1034	1830	1900	7954857	7200000	8399999
8	1227166	1	6.0	82	1816	0	0	9186787	8400000	9599999
9	502545	1	11.0	82	1451	0	0	9691148	9600000	10799999
10	2238441	1	17.0	78	1269	0	0	11931040	10800000	11999999

Total number of pulses in waveform = 20

Waveform Num = 28
 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	205182	1	7.0	63	1560	0	0	205182	0	705881
2	1189355	3	17.0	98	1860	1794	1084	1396097	705882	1411763
3	127887	1	13.0	95	1921	0	0	1528722	1411764	2117645
4	679902	3	17.0	70	1608	1848	1261	2210545	2117646	2823527
5	688159	3	15.0	84	1819	1102	1151	2903421	2823528	3529409
6	1223639	3	19.0	54	1836	1491	1699	4131132	3529410	4235291
7	263913	1	14.0	83	1917	0	0	4400071	4235292	4941173
8	851500	3	7.0	57	1304	1592	1561	5253488	4941174	5647055
9	954295	3	8.0	91	1716	1383	1710	6212240	5647056	6352937
10	744598	1	11.0	53	1532	0	0	6961647	6352938	7058819
11	147542	2	13.0	97	1569	1647	0	7110721	7058820	7764701
12	964280	2	16.0	89	1737	1379	0	8078217	7764702	8470583
13	1081530	1	16.0	98	1744	0	0	9162863	8470584	9176465
14	245709	2	20.0	70	1230	1035	0	9410316	9176466	9882347
15	811218	3	12.0	53	1901	1385	1052	10223799	9882348	10588229
16	646352	1	15.0	54	1537	0	0	10874489	10588230	11294111
17	861977	1	9.0	94	1927	0	0	11738003	11294112	11999993

Total number of pulses in waveform = 34

Waveform Num = 29
 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	669232	3	11.0	53	1827	1809	1946	669232	0	857142
2	530325	1	7.0	89	1737	0	0	1205139	857143	1714285
3	1117915	1	17.0	52	1238	0	0	2324791	1714286	2571428
4	898369	1	17.0	88	1955	0	0	3224398	2571429	3428571
5	764416	1	17.0	92	1671	0	0	3990769	3428572	4285714
6	759152	1	10.0	61	1114	0	0	4751592	4285715	5142857
7	623049	2	14.0	91	1902	1537	0	5375755	5142858	6000000
8	1337185	1	7.0	79	1113	0	0	6716379	6000001	6857143
9	967969	1	16.0	93	1914	0	0	7685461	6857144	7714286
10	721727	1	11.0	89	1731	0	0	8409102	7714287	8571429
11	235231	2	15.0	100	1947	1612	0	8646064	8571430	9428572
12	1531267	3	10.0	91	1198	1621	1138	10180890	9428573	10285715
13	680382	3	8.0	71	1626	1951	1105	10865229	10285716	11142858
14	770629	3	14.0	95	1869	1325	1911	11640540	11142859	12000001

Total number of pulses in waveform = 24

Random parameters Bin5

♀
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	614493	1	8.0	93	1949	0	0	614493	0	1333332
2	996242	3	8.0	70	1120	1191	1690	1612684	1333333	2666665
3	1871752	3	20.0	55	1798	1439	1690	3488437	2666666	3999998
4	1014661	3	15.0	95	1705	1605	1987	4508025	3999999	5333331
5	1790676	3	11.0	67	1187	1668	1280	6303998	5333332	6666664
6	1563289	1	11.0	79	1909	0	0	7871422	6666665	7999997
7	231554	3	19.0	68	1092	1179	1502	8104885	7999998	9333330
8	1969064	2	10.0	66	1113	1218	0	10077722	9333331	10666663
9	1654101	2	15.0	58	1638	1592	0	11734154	10666664	11999996

Total number of pulses in waveform = 21

50MHz Bandwidth

Random DFS waveform parameters (NewBin5) 22-Jun-2015 17:01:57

♀
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	14399	2	14.0	83	1182	1711	0	14399	0	631578
2	824498	1	17.0	50	1185	0	0	841790	631579	1263157
3	564258	3	10.0	57	1045	1970	1609	1407233	1263158	1894736
4	1106449	2	17.0	73	1621	1503	0	2518306	1894737	2526315
5	191745	3	15.0	68	1833	1042	1395	2713175	2526316	3157894
6	823600	2	12.0	93	1111	1664	0	3541045	3157895	3789473
7	545442	1	16.0	68	1646	0	0	4089262	3789474	4421052
8	777678	3	16.0	62	1169	1114	1235	4868586	4421053	5052631
9	202122	2	5.0	94	1204	1990	0	5074226	5052632	5684210
10	862053	3	18.0	94	1833	1591	1379	5939473	5684211	6315789
11	640730	3	17.0	50	1374	1601	1519	6585006	6315790	6947368
12	495393	1	13.0	79	1104	0	0	7084893	6947369	7578947
13	988530	2	17.0	85	1474	1129	0	8074527	7578948	8210526
14	261024	1	8.0	53	1536	0	0	8338154	8210527	8842105
15	766980	2	16.0	76	1353	1945	0	9106670	8842106	9473684
16	764584	3	6.0	70	1153	1391	1058	9874552	9473685	10105263
17	610180	3	13.0	67	1603	1318	1500	10488334	10105264	10736842
18	861934	2	20.0	50	1980	1734	0	11354689	10736843	11368421
19	528299	2	19.0	52	1867	1777	0	11886702	11368422	12000000

Total number of pulses in waveform = 41

♀
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	99434	3	15.0	63	1259	1345	1178	99434	0	666666
	918916									

						Random parameters Bin5				
2		1	7.0	72	1156	0	0	1022132	666667	1333333
3	810088	3	9.0	56	1517	1398	1414	1833376	1333334	2000000
4	473311	2	17.0	64	1179	1991	0	2311016	2000001	2666667
5	970513	3	8.0	78	1260	1554	1445	3284699	2666668	3333334
6	280673	2	9.0	89	1829	1082	0	3569631	3333335	4000001
7	615841	3	5.0	58	1963	1282	1480	4188383	4000002	4666668
8	1077002	3	18.0	85	1755	1118	1974	5270110	4666669	5333335
9	605264	3	18.0	67	1683	1772	1354	5880221	5333336	6000002
10	582050	3	11.0	62	1138	1532	1387	6467080	6000003	6666669
11	430979	3	11.0	62	1138	1532	1387	6467080	6000003	6666669
12	473863	1	19.0	86	1940	0	0	6902116	6666670	7333336
13	898896	3	15.0	69	1794	1988	1318	7377919	7333337	8000003
14	923296	3	5.0	73	1366	1627	1236	8281915	8000004	8666670
15	173674	3	20.0	77	1087	1958	1137	9209440	8666671	9333337
16	788103	2	13.0	79	1319	1505	0	9387296	9333338	10000004
17	938107	3	13.0	95	1315	1159	1403	10178223	10000005	10666671
18	471577	1	13.0	80	1219	0	0	11120207	10666672	11333338
18		3	20.0	54	1872	1305	1172	11593003	11333339	12000005

Total number of pulses in waveform = 45

♀
Waveform Num = 3
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	355279	1	19.0	60	1843	0	0	355279	0	1333332
2	2101099	3	19.0	90	1540	1994	1027	2458221	1333333	2666665
3	1218593	2	8.0	95	1976	1274	0	3681375	2666666	3999998
4	1081407	2	7.0	51	1287	1185	0	4766032	3999999	5333331
5	1606968	3	15.0	91	1633	1987	1669	6375472	5333332	6666664
6	328608	2	5.0	63	1143	1541	0	6709369	6666665	7999997
7	2407811	2	17.0	93	1957	1923	0	9119864	7999998	9333330
8	958776	2	8.0	50	1891	1518	0	10082520	9333331	10666663
9	1055795	3	11.0	75	1567	1008	1215	11141724	10666664	11999996

Total number of pulses in waveform = 20

♀
Waveform Num = 4
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	817529	1	7.0	87	1108	0	0	817529	0	999999
2	994581	2	8.0	93	1204	1303	0	1813218	1000000	1999999
3	678310	3	9.0	84	1597	1080	1592	2494035	2000000	2999999
4	732276	3	11.0	77	1080	1025	1711	3230580	3000000	3999999
5	1193052	1	12.0	88	1349	0	0	4427448	4000000	4999999
6	1164257	3	15.0	89	1689	1038	1372	5593054	5000000	5999999
7	582167	3	15.0	65	1584	1993	1317	6179320	6000000	6999999
8	1659992	1	8.0	78	1644	0	0	7844206	7000000	7999999
9	744700	3	13.0	73	1145	1417	1746	8590550	8000000	8999999
10	1107968	3	16.0	94	1910	1952	1381	9702826	9000000	9999999
	346735									

11		2	14.0	99	1186	1241	0	10054804	10000000	10999999
12	1922180	1	17.0	92	1573	0	0	11979411	11000000	11999999

Total number of pulses in waveform = 26

Waveform Num = 5
 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	520503	2	8.0	95	1595	1640	0	520503	0	666666
2	217430	2	5.0	96	1083	1729	0	741168	666667	1333333
3	1042908	2	20.0	73	1258	1222	0	1786888	1333334	2000000
4	430525	2	15.0	87	1973	1649	0	2219893	2000001	2666667
5	478983	1	17.0	70	1728	0	0	2702498	2666668	3333334
6	1017904	2	11.0	77	1389	1524	0	3722130	3333335	4000001
7	598617	3	16.0	56	1436	1800	1346	4323660	4000002	4666668
8	850412	3	15.0	82	1254	1031	1984	5178654	4666669	5333335
9	301384	2	19.0	92	1387	1534	0	5484307	5333336	6000002
10	724202	3	20.0	92	1075	1471	1301	6211430	6000003	6666669
11	620967	2	14.0	54	1928	1387	0	6836244	6666670	7333336
12	614869	1	18.0	70	1551	0	0	7454428	7333337	8000003
13	799167	2	14.0	97	1724	1558	0	8255146	8000004	8666670
14	445494	1	10.0	80	1743	0	0	8703922	8666671	9333337
15	881446	1	7.0	65	1810	0	0	9587111	9333338	10000004
16	521794	2	14.0	82	1972	1260	0	10110715	10000005	10666671
17	661205	2	12.0	91	1924	1366	0	10775152	10666672	11333338
18	645595	2	14.0	55	1853	1973	0	11424037	11333339	12000005

Total number of pulses in waveform = 35

Waveform Num = 6
 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	161024	3	11.0	94	1188	1948	1041	161024	0	923076
2	803666	3	16.0	64	1259	1827	1152	968867	923077	1846153
3	1611579	2	16.0	53	1362	1845	0	2584684	1846154	2769230
4	527991	1	16.0	56	1660	0	0	3115882	2769231	3692307
5	1272468	3	14.0	69	1763	1640	1553	4390010	3692308	4615384
6	1078742	1	19.0	71	1546	0	0	5473708	4615385	5538461
7	695086	3	15.0	58	1718	1776	1683	6170340	5538462	6461538
8	609208	2	16.0	79	1918	1363	0	6784725	6461539	7384615
9	829151	1	20.0	94	1305	0	0	7617157	7384616	8307692
10	710139	3	18.0	55	1437	1911	1944	8328601	8307693	9230769
11	1488097	2	20.0	68	1323	1313	0	9821990	9230770	10153846
12	337721	1	11.0	79	1603	0	0	10162347	10153847	11076923
13	1566365	1	16.0	80	1981	0	0	11730315	11076924	12000000

Total number of pulses in waveform = 26

Waveform Num = 7
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

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)	Random parameters Bin5				Interval(us)	Interval(us)
					Pri(us)	Pri(us)	Pri(us)	(us)		
1	556868	1	18.0	94	1136	0	0	556868	0	999999
2	868660	3	16.0	56	1646	1681	1821	1426664	1000000	1999999
3	1334941	3	12.0	97	1158	1999	1670	2766753	2000000	2999999
4	742892	1	14.0	85	1878	0	0	3514472	3000000	3999999
5	620628	1	9.0	54	1057	0	0	4136978	4000000	4999999
6	1586499	2	14.0	68	1008	1557	0	5724534	5000000	5999999
7	759082	3	12.0	84	1954	1195	1701	6486181	6000000	6999999
8	1486518	3	10.0	73	1209	1497	1620	7977549	7000000	7999999
9	482868	2	16.0	54	1431	1231	0	8464743	8000000	8999999
10	1105755	1	18.0	68	1233	0	0	9573160	9000000	9999999
11	979218	2	8.0	51	1632	1330	0	10553611	10000000	10999999
12	1072073	1	13.0	73	1713	0	0	11628646	11000000	11999999

Total number of pulses in waveform = 23

♀
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	622316	2	18.0	60	1147	1291	0	622316	0	999999
2	826629	1	11.0	55	1447	0	0	1451383	1000000	1999999
3	957803	2	5.0	99	1391	1413	0	2410633	2000000	2999999
4	1122013	3	11.0	88	1807	1108	1509	3535450	3000000	3999999
5	1419473	1	15.0	96	1546	0	0	4959347	4000000	4999999
6	864496	2	9.0	68	1872	1866	0	5825389	5000000	5999999
7	279791	3	19.0	92	1004	1721	1732	6108918	6000000	6999999
8	1567016	3	5.0	61	1265	1819	1632	7680391	7000000	7999999
9	719094	3	10.0	89	1032	1158	1546	8404201	8000000	8999999
10	1173243	3	8.0	73	1226	1776	1180	9581180	9000000	9999999
11	1007346	1	12.0	58	1853	0	0	10592708	10000000	10999999
12	1341504	3	11.0	74	1060	1264	1562	11936065	11000000	11999999

Total number of pulses in waveform = 27

♀
Waveform Num = 9
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	640452	3	13.0	56	1496	1498	1575	640452	0	1090908
2	1174779	1	8.0	52	1955	0	0	1819800	1090909	2181817
3	1227202	2	20.0	95	1830	1483	0	3048957	2181818	3272726
4	866947	1	19.0	90	1939	0	0	3919217	3272727	4363635
5	865995	1	18.0	82	1813	0	0	4787151	4363636	5454544
6	1429851	2	14.0	92	1345	1446	0	6218815	5454545	6545453
7	988389	2	11.0	99	1205	1798	0	7209995	6545454	7636362
8	1179138	3	18.0	84	1014	1763	1196	8392136	7636363	8727271
9	1179881	2	9.0	80	1379	1976	0	9575990	8727272	9818180
10	770289	1	19.0	98	1043	0	0	10349634	9818181	10909089
11	1502885	2	7.0	81	1161	1104	0	11853562	10909090	11999998

Total number of pulses in waveform = 20

Random parameters Bin5

♀

Waveform Num = 10
 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	350930	2	18.0	81	1353	1379	0	350930	0	857142
2	1298376	2	12.0	77	1684	1995	0	1652038	857143	1714285
3	386300	3	6.0	73	1464	1743	1942	2042017	1714286	2571428
4	1265361	1	8.0	64	1051	0	0	3312527	2571429	3428571
5	750533	2	8.0	89	1949	1933	0	4064111	3428572	4285714
6	1063422	1	16.0	92	1768	0	0	5131415	4285715	5142857
7	24965	1	10.0	96	1032	0	0	5158148	5142858	6000000
8	1637939	3	20.0	91	1128	1958	1346	6797119	6000001	6857143
9	365035	2	19.0	63	1264	1091	0	7166586	6857144	7714286
10	615676	3	18.0	76	1062	1378	1860	7784617	7714287	8571429
11	1346082	3	15.0	70	1556	1681	1916	9134999	8571430	9428572
12	365229	1	11.0	84	1755	0	0	9505381	9428573	10285715
13	1145270	2	8.0	68	1009	1470	0	10652406	10285716	11142858
14	506544	3	15.0	78	1889	1993	1023	11161429	11142859	12000001

Total number of pulses in waveform = 29

♀

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	777991	2	7.0	93	1763	1541	0	777991	0	857142
2	246566	3	7.0	75	1740	1250	1868	1027861	857143	1714285
3	1335645	3	11.0	79	1695	1389	1948	2368364	1714286	2571428
4	399826	1	15.0	64	1642	0	0	2773222	2571429	3428571
5	1350257	2	6.0	73	1664	1879	0	4125121	3428572	4285714
6	528747	3	9.0	95	1232	1038	1599	4657411	4285715	5142857
7	609573	1	6.0	85	1154	0	0	5270853	5142858	6000000
8	1267872	1	6.0	62	1879	0	0	6539879	6000001	6857143
9	941212	3	17.0	63	1967	1202	1186	7482970	6857144	7714286
10	561645	1	12.0	71	1551	0	0	8048970	7714287	8571429
11	1001153	3	16.0	72	1474	1609	1884	9051674	8571430	9428572
12	1061122	2	8.0	71	1958	1232	0	10117763	9428573	10285715
13	979402	1	9.0	82	1626	0	0	11100355	10285716	11142858
14	149140	3	12.0	53	1310	1244	1515	11251121	11142859	12000001

Total number of pulses in waveform = 29

♀

Waveform Num = 12
 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	425581	1	17.0	62	1410	0	0	425581	0	923076
2	1198044	2	8.0	98	1529	1510	0	1625035	923077	1846153
3	758893	2	13.0	74	1031	1519	0	2386967	1846154	2769230
4	1117851	1	16.0	85	1419	0	0	3507368	2769231	3692307

						Random parameters Bin5				
5		1	17.0	51	1130	0	0	4578870	3692308	4615384
6	304847	3	20.0	56	1182	1850	1029	4884847	4615385	5538461
7	1145594	3	15.0	73	1339	1990	1608	6034502	5538462	6461538
8	1097088	1	10.0	81	1707	0	0	7136527	6461539	7384615
9	668182	3	11.0	85	1019	1239	1939	7806416	7384616	8307692
10	743933	3	16.0	81	1485	1663	1060	8554546	8307693	9230769
11	1470862	2	11.0	71	1312	1053	0	10029616	9230770	10153846
12	961907	3	9.0	59	1329	1209	1760	10993888	10153847	11076923
13	585053	2	18.0	80	1007	1898	0	11583239	11076924	12000000

Total number of pulses in waveform = 27

♀
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	384130	3	19.0	60	1653	1017	1576	384130	0	1499999
2	1124790	1	18.0	64	1341	0	0	1513166	1500000	2999999
3	2627176	2	5.0	91	1302	1513	0	4141683	3000000	4499999
4	355980	2	19.0	87	1407	1743	0	4500478	4500000	5999999
5	1571582	1	8.0	99	1957	0	0	6075210	6000000	7499999
6	1612181	1	16.0	76	1628	0	0	7689348	7500000	8999999
7	2247059	2	11.0	98	1961	1865	0	9938035	9000000	10499999
8	778134	1	19.0	96	1567	0	0	10719995	10500000	11999999

Total number of pulses in waveform = 13

♀
Waveform Num = 14
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	597967	2	20.0	68	1143	1645	0	597967	0	631578
2	191409	3	20.0	89	1564	1803	1802	792164	631579	1263157
3	536569	3	11.0	89	1339	1505	1632	1333902	1263158	1894736
4	967910	1	14.0	73	1236	0	0	2306288	1894737	2526315
5	575285	2	17.0	92	1430	1247	0	2882809	2526316	3157894
6	460332	1	10.0	97	1368	0	0	3345818	3157895	3789473
7	971104	2	14.0	81	1125	1852	0	4318290	3789474	4421052
8	408506	1	6.0	82	1927	0	0	4729773	4421053	5052631
9	528432	1	11.0	87	1571	0	0	5260132	5052632	5684210
10	482099	2	8.0	78	1666	1676	0	5743802	5684211	6315789
11	936197	3	14.0	72	1086	1394	1503	6683341	6315790	6947368
12	829338	2	9.0	55	1853	1780	0	7516662	6947369	7578947
13	468961	3	15.0	85	1087	1197	1341	7989256	7578948	8210526
14	531178	3	8.0	99	1391	1448	1059	8524059	8210527	8842105
15	501305	3	9.0	86	1343	1812	1339	9029262	8842106	9473684
16	712627	1	6.0	60	1068	0	0	9746383	9473685	10105263
17	820079	3	17.0	56	1841	1364	1239	10567530	10105264	10736842
18	773775	2	8.0	97	1458	1052	0	11345749	10736843	11368421
19	270858	2	13.0	84	1053	1381	0	11619117	11368422	12000000

Total number of pulses in waveform = 40

Random parameters Bin5

♀

Waveform Num = 15
 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	268301	3	17.0	58	1651	1433	1664	268301	0	705881
2	741844	1	11.0	54	1599	0	0	1014893	705882	1411763
3	475164	2	14.0	77	1955	1257	0	1491656	1411764	2117645
4	772109	2	18.0	78	1275	1545	0	2266977	2117646	2823527
5	1230953	2	11.0	52	1878	1638	0	3500750	2823528	3529409
6	626722	1	7.0	72	1026	0	0	4130988	3529410	4235291
7	483058	2	12.0	80	1537	1027	0	4615072	4235292	4941173
8	847744	1	19.0	80	1211	0	0	5465380	4941174	5647055
9	718132	1	19.0	99	1907	0	0	6184723	5647056	6352937
10	346906	3	11.0	58	1684	1023	1207	6533536	6352938	7058819
11	1180443	1	16.0	91	1188	0	0	7717893	7058820	7764701
12	611732	2	18.0	67	1636	1200	0	8330813	7764702	8470583
13	469381	3	11.0	68	1220	1720	1922	8803030	8470584	9176465
14	750154	2	16.0	58	1763	1812	0	9558046	9176466	9882347
15	395680	1	10.0	95	1699	0	0	9957301	9882348	10588229
16	810312	2	18.0	55	1503	1232	0	10769312	10588230	11294111
17	848439	3	5.0	70	1062	1518	1546	11620486	11294112	11999993

Total number of pulses in waveform = 32

♀

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	151091	2	16.0	65	1861	1894	0	151091	0	799999
2	765339	3	10.0	63	1284	1414	1809	920185	800000	1599999
3	1423896	1	20.0	72	1900	0	0	2348588	1600000	2399999
4	439189	1	10.0	63	1024	0	0	2789677	2400000	3199999
5	887085	3	14.0	82	1375	1097	1278	3677786	3200000	3999999
6	698392	3	14.0	58	1577	1068	1463	4379928	4000000	4799999
7	1107630	1	14.0	100	1401	0	0	5491666	4800000	5599999
8	552895	1	16.0	58	1434	0	0	6045962	5600000	6399999
9	534425	1	11.0	79	1875	0	0	6581821	6400000	7199999
10	1304584	2	10.0	51	1291	1747	0	7888280	7200000	7999999
11	336131	1	14.0	84	1562	0	0	8227449	8000000	8799999
12	1064526	3	7.0	87	1226	1135	1107	9293537	8800000	9599999
13	547498	1	15.0	65	1091	0	0	9844503	9600000	10399999
14	1010487	3	8.0	97	1821	1751	1942	10856081	10400000	11199999
15	723147	3	17.0	72	1811	1956	1679	11584742	11200000	11999999

Total number of pulses in waveform = 29

♀

Waveform Num = 17
 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	774715									

Random parameters Bin5										
1	525116	1	19.0	61	1809	0	0	774715	0	999999
2	815341	2	19.0	68	1024	1528	0	1301640	1000000	1999999
3	1176116	3	10.0	70	1383	1945	1018	2119533	2000000	2999999
4	1038202	1	10.0	56	1080	0	0	3299995	3000000	3999999
5	788283	2	11.0	52	1190	1626	0	4339277	4000000	4999999
6	1158163	3	19.0	83	1438	1364	1565	5130376	5000000	5999999
7	1531622	2	14.0	65	1208	1119	0	6292906	6000000	6999999
8	1148044	1	20.0	59	1192	0	0	7826855	7000000	7999999
9	288328	1	13.0	65	1057	0	0	8976091	8000000	8999999
10	1600808	1	8.0	75	1239	0	0	9265476	9000000	9999999
11	1083716	3	16.0	90	1555	1250	1803	10867523	10000000	10999999
12		2	15.0	63	1150	1792	0	11955847	11000000	11999999

Total number of pulses in waveform = 22

Waveform Num = 18
 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	722459	3	11.0	97	1962	1941	1662	722459	0	1199999
2	1168156	3	7.0	86	1156	1895	1198	1896180	1200000	2399999
3	557737	1	18.0	64	1909	0	0	2458166	2400000	3599999
4	1208687	3	19.0	86	1667	1550	1206	3668762	3600000	4799999
5	1958996	3	11.0	50	1837	1448	1079	5632181	4800000	5999999
6	1346085	1	6.0	98	1490	0	0	6982630	6000000	7199999
7	1183059	2	6.0	63	1843	1431	0	8167179	7200000	8399999
8	361188	2	5.0	59	1895	1770	0	8531641	8400000	9599999
9	1306129	1	16.0	73	1578	0	0	9841435	9600000	10799999
10	1263574	2	19.0	77	1060	1669	0	11106587	10800000	11999999

Total number of pulses in waveform = 21

Waveform Num = 19
 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	134988	3	12.0	68	1726	1083	1435	134988	0	599999
2	866476	1	12.0	71	1461	0	0	1005708	600000	1199999
3	397893	3	16.0	67	1629	1212	1112	1405062	1200000	1799999
4	849250	1	14.0	94	1980	0	0	2258265	1800000	2399999
5	652591	3	12.0	65	1050	1955	1509	2912836	2400000	2999999
6	669163	3	6.0	67	1859	1523	1571	3586513	3000000	3599999
7	592226	1	10.0	80	1500	0	0	4183692	3600000	4199999
8	127977	3	19.0	56	1968	1007	1704	4313169	4200000	4799999
9	668376	3	12.0	88	1092	1758	1895	4986224	4800000	5399999
10	449350	2	18.0	99	1421	1680	0	5440319	5400000	5999999
11	1145558	3	19.0	92	1874	1757	1572	6588978	6000000	6599999
12	238619	3	20.0	67	1629	1070	1868	6832800	6600000	7199999
13	831880	2	12.0	75	1929	1579	0	7669247	7200000	7799999
14	693803	3	14.0	64	1213	1336	1642	8366558	7800000	8399999
	286109									

Random parameters Bin5										
						1003	1617			
15		3	17.0	61	1510			8656858	8400000	8999999
16	896431	2	11.0	51	1684	1569	0	9557419	9000000	9599999
17	323964	3	7.0	90	1626	1045	1779	9884636	9600000	10199999
18	542692	3	7.0	71	1987	1491	1815	10431778	10200000	10799999
19	601498	1	15.0	95	1703	0	0	11038569	10800000	11399999
20	925112	3	18.0	52	1134	1333	1544	11965384	11400000	11999999
Total number of pulses in waveform = 49										
♀										
Waveform Num = 20										
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	509495	1	19.0	60	1568	0	0	509495	0	999999
2	762161	1	18.0	95	1076	0	0	1273224	1000000	1999999
3	801324	1	6.0	63	1482	0	0	2075624	2000000	2999999
4	1219821	2	18.0	65	1096	1740	0	3296927	3000000	3999999
5	1209983	2	13.0	83	1889	1839	0	4509746	4000000	4999999
6	720329	2	7.0	52	1132	1562	0	5233803	5000000	5999999
7	1551119	2	8.0	77	1182	1563	0	6787616	6000000	6999999
8	803910	3	19.0	95	1870	1745	1742	7594271	7000000	7999999
9	744759	2	12.0	98	1181	1673	0	8344387	8000000	8999999
10	1140034	2	10.0	80	1605	1977	0	9487275	9000000	9999999
11	1029179	3	12.0	62	1591	1976	1163	10520036	10000000	10999999
12	890265	3	16.0	53	1902	1677	1931	11415031	11000000	11999999
Total number of pulses in waveform = 24										
♀										
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	168590	2	15.0	59	1835	1006	0	168590	0	705881
2	731894	1	15.0	53	1827	0	0	903325	705882	1411763
3	1132085	1	15.0	66	1015	0	0	2037237	1411764	2117645
4	383922	1	6.0	68	1626	0	0	2422174	2117646	2823527
5	596147	3	14.0	97	1361	1963	1430	3019947	2823528	3529409
6	653583	1	17.0	96	1846	0	0	3678284	3529410	4235291
7	689921	2	18.0	98	1815	1484	0	4370051	4235292	4941173
8	704406	2	8.0	97	1596	1558	0	5077756	4941174	5647055
9	1172359	2	14.0	51	1767	1859	0	6253269	5647056	6352937
10	306420	1	8.0	64	1831	0	0	6563315	6352938	7058819
11	578854	2	7.0	86	1811	1469	0	7144000	7058820	7764701
12	749077	1	13.0	81	1167	0	0	7896357	7764702	8470583
13	1142745	2	11.0	59	1073	1783	0	9040269	8470584	9176465
14	610104	1	5.0	94	1876	0	0	9653229	9176466	9882347
15	860541	1	7.0	50	1550	0	0	10515646	9882348	10588229
16	734483	2	12.0	60	1217	1269	0	11251679	10588230	11294111
17	438533	3	12.0	71	1955	1385	1401	11692698	11294112	11999993
Total number of pulses in waveform = 28										
♀										
Waveform Num = 22										

Random parameters Bin5

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	321104	1	19.0	84	1427	0	0	321104	0	1090908
2	1558722	2	13.0	60	1267	1139	0	1881253	1090909	2181817
3	770840	3	18.0	56	1348	1405	1397	2654499	2181818	3272726
4	729847	1	17.0	77	1657	0	0	3388496	3272727	4363635
5	1746651	2	9.0	72	1084	1194	0	5136804	4363636	5454544
6	1398141	2	17.0	60	1290	1005	0	6537223	5454545	6545453
7	310803	3	7.0	64	1443	1821	1465	6850321	6545454	7636362
8	1361295	2	18.0	50	1937	1257	0	8216345	7636363	8727271
9	743679	2	10.0	56	1385	1218	0	8963218	8727272	9818180
10	1044564	1	8.0	67	1418	0	0	10010385	9818181	10909089
11	1944918	3	9.0	69	1127	1205	1678	11956721	10909090	11999998

Total number of pulses in waveform = 22

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	600191	3	8.0	86	1264	1901	1915	600191	0	857142
2	1018855	2	17.0	72	1896	1258	0	1624126	857143	1714285
3	298143	1	19.0	54	1135	0	0	1925423	1714286	2571428
4	1241666	3	18.0	64	1226	1427	1102	3168224	2571429	3428571
5	385379	1	7.0	73	1762	0	0	3557358	3428572	4285714
6	1021702	3	14.0	97	1205	1191	1474	4580822	4285715	5142857
7	1255696	3	16.0	78	1807	1415	1450	5840388	5142858	6000000
8	365991	2	9.0	93	1010	1206	0	6211051	6000001	6857143
9	1259828	2	19.0	95	1298	1122	0	7473095	6857144	7714286
10	282008	2	14.0	91	1193	1051	0	7757523	7714287	8571429
11	1599463	3	19.0	58	1331	1309	1805	9359230	8571430	9428572
12	368779	2	15.0	81	1501	1347	0	9732454	9428573	10285715
13	718359	1	20.0	98	1281	0	0	10453661	10285716	11142858
14	1414800	2	7.0	100	1130	1539	0	11869742	11142859	12000001

Total number of pulses in waveform = 30

Waveform Num = 24
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	109025	2	17.0	53	1980	1017	0	109025	0	999999
2	1408828	2	6.0	74	1512	1116	0	1520850	1000000	1999999
3	1353783	3	12.0	88	1198	1107	1486	2877261	2000000	2999999
4	815021	3	14.0	67	1084	1458	1757	3696073	3000000	3999999
5	1178521	2	15.0	59	1474	1624	0	4878893	4000000	4999999
6	649322	3	12.0	52	1083	1086	1434	5531313	5000000	5999999
7	1325258	1	14.0	77	1746	0	0	6860174	6000000	6999999
8	669792	1	20.0	59	1131	0	0	7531712	7000000	7999999
	1258236									

						Random parameters Bin5				
9		2	8.0	74	1230	1269	0	8791079	8000000	8999999
10	499386	3	20.0	83	1362	1490	1370	9292964	9000000	9999999
11	1471482	1	9.0	87	1749	0	0	10768668	10000000	10999999
12	453518	3	7.0	57	1425	1229	1810	11223935	11000000	11999999

Total number of pulses in waveform = 26

♀
Waveform Num = 25
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)
	130255									
1	854012	3	11.0	83	1429	1752	1813	130255	0	799999
2	1186651	3	7.0	91	1750	1406	1473	989261	800000	1599999
3	874988	2	19.0	78	1020	1735	0	2180541	1600000	2399999
4	456392	1	16.0	68	1381	0	0	3058284	2400000	3199999
5	1138065	1	9.0	68	1934	0	0	3516057	3200000	3999999
6	242237	1	8.0	74	1375	0	0	4656056	4000000	4799999
7	1279906	1	6.0	60	1553	0	0	4899668	4800000	5599999
8	539982	2	6.0	66	1233	1200	0	6181127	5600000	6399999
9	1088745	2	5.0	86	1541	1663	0	6723542	6400000	7199999
10	314764	2	14.0	99	1777	1517	0	7815491	7200000	7999999
11	1126603	2	20.0	68	1035	1944	0	8133549	8000000	8799999
12	588495	1	17.0	87	1319	0	0	9263131	8800000	9599999
13	1185819	1	10.0	92	1879	0	0	9852945	9600000	10399999
14	765347	1	17.0	82	1066	0	0	11040643	10400000	11199999
15		3	15.0	67	1737	1716	1040	11807056	11200000	11999999

Total number of pulses in waveform = 26

♀
Waveform Num = 26
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)
	553828									
1	729852	1	12.0	84	1358	0	0	553828	0	666666
2	67769	1	10.0	74	1158	0	0	1285038	666667	1333333
3	804126	1	8.0	85	1173	0	0	1353965	1333334	2000000
4	714700	2	7.0	61	1885	1896	0	2159264	2000001	2666667
5	821633	3	10.0	74	1803	1538	1437	2877745	2666668	3333334
6	735181	3	17.0	92	1510	1995	1206	3704156	3333335	4000001
7	450853	1	17.0	72	1162	0	0	4444048	4000002	4666668
8	695034	3	17.0	84	1591	1558	1412	4896063	4666669	5333335
9	511321	3	9.0	75	1840	1776	1529	5595658	5333336	6000002
10	602710	3	19.0	61	1519	1742	1867	6112124	6000003	6666669
11	1171723	1	15.0	96	1781	0	0	6719962	6666670	7333336
12	286175	3	9.0	87	1550	1705	1142	7893466	7333337	8000003
13	556475	3	15.0	97	1504	1425	1153	8184038	8000004	8666670
14	734940	2	11.0	93	1573	1086	0	8744595	8666671	9333337
15	1121732	3	11.0	85	1870	1236	1534	9482194	9333338	10000004
16	641982	2	20.0	70	1147	1192	0	10608566	10000005	10666671
17	237403	2	15.0	84	1505	1254	0	11252887	10666672	11333338

18 Random parameters Bin5
 Total number of pulses in waveform = 38 1535 0 0 11493049 11333339 12000005
 ♀
 Waveform Num = 27
 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	83771	2	15.0	60	1345	1931	0	83771	0	666666
2	1225898	1	8.0	84	1331	0	0	1312945	666667	1333333
3	466138	1	7.0	90	1756	0	0	1780414	1333334	2000000
4	839158	3	12.0	74	1719	1071	1145	2621328	2000001	2666667
5	407602	1	11.0	66	1121	0	0	3032865	2666668	3333334
6	896324	1	6.0	51	1972	0	0	3930310	3333335	4000001
7	482923	1	9.0	55	1545	0	0	4415205	4000002	4666668
8	680815	3	12.0	92	1405	1086	1037	5097565	4666669	5333335
9	807119	2	18.0	81	1627	1141	0	5908212	5333336	6000002
10	582158	1	7.0	74	1875	0	0	6493138	6000003	6666669
11	527782	2	15.0	97	1169	1510	0	7022795	6666670	7333336
12	347340	3	9.0	67	1382	1120	1447	7372814	7333337	8000003
13	1061311	3	13.0	97	1631	1031	1632	8438074	8000004	8666670
14	634624	1	17.0	97	1350	0	0	9076992	8666671	9333337
15	427410	1	20.0	60	1537	0	0	9505752	9333338	10000004
16	584194	3	5.0	94	1982	1754	1751	10091483	10000005	10666671
17	1066893	1	10.0	54	1262	0	0	11163863	10666672	11333338
18	250905	1	11.0	69	1082	0	0	11416030	11333339	12000005
Total number of pulses in waveform = 31										
♀										
Waveform Num = 28										
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	373132	3	6.0	75	1365	1111	1108	373132	0	705881
2	967552	2	6.0	72	1054	1103	0	1344268	705882	1411763
3	602980	2	6.0	59	1051	1904	0	1949405	1411764	2117645
4	719124	1	11.0	73	1878	0	0	2671484	2117646	2823527
5	330197	3	11.0	73	1559	1641	1506	3003559	2823528	3529409
6	1162588	1	9.0	100	1489	0	0	4170853	3529410	4235291
7	662701	1	11.0	73	1596	0	0	4835043	4235292	4941173
8	195807	3	11.0	88	1492	1944	1228	5032446	4941174	5647055
9	1226723	3	13.0	79	1115	1153	1490	6263833	5647056	6352937
10	503956	1	13.0	68	1090	0	0	6771547	6352938	7058819
11	743381	1	10.0	57	1978	0	0	7516018	7058820	7764701
12	374057	2	13.0	66	1859	1000	0	7892053	7764702	8470583
13	800541	2	10.0	61	1105	1155	0	8695453	8470584	9176465
14	638341	1	14.0	68	1972	0	0	9336054	9176466	9882347
15	663264	1	18.0	59	1041	0	0	10001290	9882348	10588229
16	901198	3	16.0	78	1834	1401	1982	10903529	10588230	11294111
17	706332	2	16.0	58	1814	1678	0	11615078	11294112	11999993
Total number of pulses in waveform = 32										

Random parameters Bin5

♀
 Waveform Num = 29
 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	100061	3	17.0	57	1689	1484	1354	100061	0	857142
2	1433294	3	16.0	61	1290	1892	1815	1537882	857143	1714285
3	541508	1	13.0	98	1755	0	0	2084387	1714286	2571428
4	744462	3	8.0	69	1232	1504	1612	2830604	2571429	3428571
5	785060	2	14.0	81	1742	1552	0	3620012	3428572	4285714
6	1498027	3	10.0	56	1214	1556	1054	5121333	4285715	5142857
7	648487	1	17.0	99	1183	0	0	5773644	5142858	6000000
8	854136	3	13.0	81	1030	1145	1572	6628963	6000001	6857143
9	788811	1	18.0	68	1427	0	0	7421521	6857144	7714286
10	923608	1	8.0	74	1128	0	0	8346556	7714287	8571429
11	289810	3	12.0	84	1259	1696	1390	8637494	8571430	9428572
12	1084510	3	16.0	93	1452	1896	1150	9726349	9428573	10285715
13	1268587	3	19.0	56	1042	1722	1217	10999434	10285716	11142858
14	576205	3	7.0	92	1509	1136	1758	11579620	11142859	12000001

Total number of pulses in waveform = 33

♀
 Waveform Num = 30
 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	510117	2	6.0	71	1186	1912	0	510117	0	705881
2	729476	3	6.0	78	1925	1901	1244	1242691	705882	1411763
3	468295	3	12.0	53	1039	1316	1414	1716056	1411764	2117645
4	842974	3	17.0	81	1955	1158	1754	2562799	2117646	2823527
5	358211	3	16.0	88	1115	1858	1086	2925877	2823528	3529409
6	894184	3	5.0	68	1063	1406	1685	3824120	3529410	4235291
7	665557	3	17.0	84	1765	1700	1681	4493831	4235292	4941173
8	532582	3	7.0	83	1610	1855	1710	5031559	4941174	5647055
9	797195	3	13.0	92	1795	1178	1282	5833929	5647056	6352937
10	777794	2	10.0	74	1480	1461	0	6615978	6352938	7058819
11	1040700	1	14.0	55	1497	0	0	7659619	7058820	7764701
12	457306	3	8.0	77	1300	1952	1619	8118422	7764702	8470583
13	753249	2	16.0	63	1902	1787	0	8876542	8470584	9176465
14	548041	1	11.0	52	1314	0	0	9428272	9176466	9882347
15	898697	1	13.0	72	1770	0	0	10328283	9882348	10588229
16	806162	3	19.0	80	1608	1363	1095	11136215	10588230	11294111
17	401800	1	5.0	83	1119	0	0	11542081	11294112	11999993

Total number of pulses in waveform = 40

♀
 60MHz Bandwidth

Random DFS waveform parameters (NewBin5) 22-Jun-2015 17:02:15

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

Random parameters Bin5

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	424500	2	16.0	53	1379	1876	0	424500	0	599999
2	354513	1	9.0	94	1010	0	0	782268	600000	1199999
3	845362	1	5.0	58	1797	0	0	1628640	1200000	1799999
4	754774	3	13.0	99	1901	1676	1652	2385211	1800000	2399999
5	240642	3	16.0	91	1920	1406	1741	2631082	2400000	2999999
6	367593	2	13.0	83	1883	1410	0	3003742	3000000	3599999
7	1142327	2	10.0	79	1454	1329	0	4149362	3600000	4199999
8	321959	2	7.0	76	1037	1868	0	4474104	4200000	4799999
9	353523	3	15.0	84	1367	1518	1071	4830532	4800000	5399999
10	783906	2	18.0	78	1510	1952	0	5618394	5400000	5999999
11	929131	1	18.0	82	1254	0	0	6550987	6000000	6599999
12	424061	2	14.0	96	1365	1545	0	6976302	6600000	7199999
13	561418	1	11.0	71	1964	0	0	7540630	7200000	7799999
14	440667	3	7.0	62	1860	1216	1374	7983261	7800000	8399999
15	877964	2	11.0	85	1385	1909	0	8865675	8400000	8999999
16	257071	3	14.0	85	1945	1579	1623	9126040	9000000	9599999
17	595238	1	14.0	60	1209	0	0	9726425	9600000	10199999
18	648919	1	7.0	67	1361	0	0	10376553	10200000	10799999
19	936383	2	5.0	52	1066	1754	0	11314297	10800000	11399999
20	352095	3	19.0	80	1588	1538	1276	11669212	11400000	11999999

Total number of pulses in waveform = 40

♀

Waveform Num = 2

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	328847	3	9.0	67	1415	1011	1319	328847	0	1090908
2	1354404	3	20.0	59	1588	1084	1229	1686996	1090909	2181817
3	498754	2	12.0	93	1770	1598	0	2189651	2181818	3272726
4	1677071	1	20.0	58	1455	0	0	3870090	3272727	4363635
5	1129257	3	5.0	77	1766	1413	1136	5000802	4363636	5454544
6	1384574	2	5.0	78	1876	1572	0	6389691	5454545	6545453
7	916014	3	20.0	95	1860	1558	1090	7309153	6545454	7636362
8	1087941	1	20.0	91	1226	0	0	8401602	7636363	8727271
9	1324906	3	18.0	92	1675	1049	1275	9727734	8727272	9818180
10	649892	1	20.0	94	1069	0	0	10381625	9818181	10909089
11	1567143	2	7.0	60	1637	1412	0	11949837	10909090	11999998

Total number of pulses in waveform = 24

♀

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	348294	2	18.0	51	1696	1430	0	348294	0	857142
2	902707	3	18.0	58	1726	1525	1056	1254127	857143	1714285
3	1059293	1	11.0	70	1823	0	0	2317727	1714286	2571428
	1056840									

						Random parameters Bin5				
4		3	16.0	61	1963	1653	1210	3376390	2571429	3428571
5	732853	1	14.0	51	1315	0	0	4114069	3428572	4285714
6	196567	2	12.0	79	1699	1622	0	4311951	4285715	5142857
7	957941	1	11.0	98	1520	0	0	5273213	5142858	6000000
8	1346320	1	17.0	85	1077	0	0	6621053	6000001	6857143
9	549066	1	15.0	86	1675	0	0	7171196	6857144	7714286
10	959862	3	20.0	77	1966	1293	1640	8132733	7714287	8571429
11	673170	3	6.0	62	1999	1320	1839	8810802	8571430	9428572
12	1083654	3	7.0	56	1252	1359	1329	9899614	9428573	10285715
13	747962	3	16.0	67	1949	1977	1970	10651516	10285716	11142858
14	840147	1	15.0	83	1657	0	0	11497559	11142859	12000001

Total number of pulses in waveform = 28

♀

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)
	1121997									
1	1536262	2	10.0	89	1966	1424	0	1121997	0	1333332
2	571420	3	13.0	69	1732	1100	1834	2661649	1333333	2666665
3	1082859	2	7.0	87	1783	1826	0	3237735	2666666	3999998
4	1930081	1	7.0	93	1262	0	0	4324203	3999999	5333331
5	1474728	3	13.0	79	1691	1298	1011	6255546	5333332	6666664
6	278871	3	13.0	81	1343	1974	1949	7734274	6666665	7999997
7	1781985	1	6.0	82	1761	0	0	8018411	7999998	9333330
8	2069004	1	17.0	69	1126	0	0	9802157	9333331	10666663
9		2	18.0	50	1258	1793	0	11872287	10666664	11999996

Total number of pulses in waveform = 18

♀

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)
	152178									
1	2124039	3	16.0	88	1230	1650	1928	152178	0	1199999
2	1161559	2	11.0	52	1843	1233	0	2281025	1200000	2399999
3	496792	3	19.0	54	1220	1425	1119	3445660	2400000	3599999
4	1072109	3	11.0	78	1556	1971	1608	3946216	3600000	4799999
5	1167062	2	9.0	90	1656	1727	0	5023460	4800000	5999999
6	1807646	1	9.0	86	1775	0	0	6193905	6000000	7199999
7	821128	2	16.0	70	1920	1742	0	8003326	7200000	8399999
8	1201813	2	6.0	88	1722	1484	0	8828116	8400000	9599999
9	780723	2	18.0	66	1288	1325	0	10033135	9600000	10799999
10		2	8.0	93	1804	1190	0	10816471	10800000	11999999

Total number of pulses in waveform = 22

♀

Waveform Num = 6
 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)
	190035									
1	930405	3	8.0	54	1868	1537	1631	190035	0	666666
2	224708	2	15.0	55	1444	1142	0	1125476	666667	1333333

						Random parameters Bin5				
3		2	19.0	52	1500	1096	0	1352770	1333334	2000000
4	1191937	1	10.0	82	1592	0	0	2547303	2000001	2666667
5	333445	1	20.0	96	1052	0	0	2882340	2666668	3333334
6	737509	1	8.0	93	1780	0	0	3620901	3333335	4000001
7	686707	2	6.0	74	1392	1989	0	4309388	4000002	4666668
8	527148	2	11.0	57	1007	1739	0	4839917	4666669	5333335
9	1002927	2	13.0	68	1883	1948	0	5845590	5333336	6000002
10	242841	2	15.0	56	1914	1981	0	6092262	6000003	6666669
11	839094	3	6.0	50	1663	1991	1987	6935251	6666670	7333336
12	474251	1	15.0	59	1221	0	0	7415143	7333337	8000003
13	971010	3	11.0	99	1386	1633	1143	8387374	8000004	8666670
14	439781	2	17.0	72	1874	1906	0	8831317	8666671	9333337
15	1080567	3	9.0	71	1682	1241	1109	9915664	9333338	10000004
16	480451	1	6.0	68	1437	0	0	10400147	10000005	10666671
17	869534	2	11.0	83	1349	1615	0	11271118	10666672	11333338
18	109784	3	15.0	63	1011	1975	1315	11383866	11333339	12000005

Total number of pulses in waveform = 36

Waveform Num = 7
 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	866599	2	13.0	57	1464	1777	0	866599	0	923076
2	726089	1	11.0	83	1263	0	0	1595929	923077	1846153
3	1033950	1	15.0	81	1520	0	0	2631142	1846154	2769230
4	810376	2	7.0	66	1684	1861	0	3443038	2769231	3692307
5	251769	3	12.0	57	1862	1461	1135	3698352	3692308	4615384
6	1776348	1	6.0	80	1611	0	0	5479158	4615385	5538461
7	622016	2	13.0	95	1107	1303	0	6102785	5538462	6461538
8	1159100	1	7.0	74	1223	0	0	7264295	6461539	7384615
9	180756	2	19.0	56	1516	1266	0	7446274	7384616	8307692
10	1645628	2	9.0	100	1159	1109	0	9094684	8307693	9230769
11	482532	2	6.0	58	1198	1737	0	9579484	9230770	10153846
12	1061027	3	8.0	61	1513	1020	1578	10643446	10153847	11076923
13	1349837	2	12.0	84	1273	1222	0	11997394	11076924	12000000

Total number of pulses in waveform = 24

Waveform Num = 8
 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	641922	1	8.0	76	1551	0	0	641922	0	799999
2	466832	2	17.0	64	1218	1041	0	1110305	800000	1599999
3	1043766	3	15.0	93	1399	1785	1039	2156330	1600000	2399999
4	781580	1	14.0	58	1518	0	0	2942133	2400000	3199999
5	338453	3	20.0	54	1981	1309	1678	3282104	3200000	3999999
6	858271	1	15.0	64	1058	0	0	4145343	4000000	4799999
7	1304749	1	14.0	95	1586	0	0	5451150	4800000	5599999
	747138									

						Random parameters Bin5				
8		1	19.0	97	1850	0	0	6199874	5600000	6399999
9	237346	3	19.0	59	1724	1873	1079	6439070	6400000	7199999
10	1478261	1	5.0	57	1017	0	0	7922007	7200000	7999999
11	567252	2	19.0	84	1722	1896	0	8490276	8000000	8799999
12	363556	3	11.0	65	1472	1816	1511	8857450	8800000	9599999
13	1506140	2	7.0	83	1116	1291	0	10368389	9600000	10399999
14	427828	2	12.0	63	1630	1954	0	10798624	10400000	11199999
15	822162	3	14.0	56	1418	1829	1609	11624370	11200000	11999999

Total number of pulses in waveform = 29

Waveform Num = 9
 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	534951	2	12.0	81	1447	1657	0	534951	0	599999
2	645771	1	13.0	68	1004	0	0	1183826	600000	1199999
3	327601	1	11.0	83	1278	0	0	1512431	1200000	1799999
4	832224	1	20.0	53	1766	0	0	2345933	1800000	2399999
5	86235	3	9.0	80	1333	1107	1578	2433934	2400000	2999999
6	1070887	2	9.0	85	1554	1962	0	3508839	3000000	3599999
7	562049	3	8.0	69	1311	1262	1629	4074404	3600000	4199999
8	475878	1	18.0	94	1033	0	0	4554484	4200000	4799999
9	745457	1	10.0	90	1071	0	0	5300974	4800000	5399999
10	418678	2	18.0	65	1591	1777	0	5720723	5400000	5999999
11	557765	1	8.0	73	1599	0	0	6281856	6000000	6599999
12	856606	3	16.0	63	1031	1695	1738	7140061	6600000	7199999
13	151968	3	17.0	64	1873	1358	1204	7296493	7200000	7799999
14	558236	1	7.0	78	1004	0	0	7859164	7800000	8399999
15	593871	1	17.0	87	1511	0	0	8454039	8400000	8999999
16	1054270	2	20.0	56	1970	1866	0	9509820	9000000	9599999
17	456926	1	7.0	95	1221	0	0	9970582	9600000	10199999
18	351830	3	12.0	97	1993	1324	1453	10323633	10200000	10799999
19	957363	2	13.0	89	1229	1682	0	11285766	10800000	11399999
20	147622	2	8.0	98	1728	1975	0	11436299	11400000	11999999

Total number of pulses in waveform = 36

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	202104	3	11.0	61	1703	1506	1206	202104	0	1333332
2	2164361	1	12.0	55	1362	0	0	2370880	1333333	2666665
3	407031	2	8.0	74	1053	1589	0	2779273	2666666	3999998
4	2377944	1	10.0	100	1740	0	0	5159859	3999999	5333331
5	1172400	3	13.0	58	1147	1064	1648	6333999	5333332	6666664
6	839733	3	20.0	88	1981	1327	1776	7177591	6666665	7999997
7	1667137	3	9.0	90	1494	1937	1488	8849812	7999998	9333330
8	901778	3	10.0	50	1825	1723	1471	9756509	9333331	10666663
	1178509									

9 Random parameters Bin5
 1 6.0 71 1474 0 0 10940037 10666664 11999996
 Total number of pulses in waveform = 20
 ♀
 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	481654	3	11.0	88	1851	1928	1838	481654	0	799999
2	474019	1	5.0	84	1899	0	0	961290	800000	1599999
3	938026	2	15.0	55	1326	1535	0	1901215	1600000	2399999
4	1279364	1	17.0	94	1809	0	0	3183440	2400000	3199999
5	634417	3	19.0	97	1345	1675	1323	3819666	3200000	3999999
6	931521	2	16.0	88	1582	1691	0	4755530	4000000	4799999
7	373818	2	14.0	59	1159	1654	0	5132621	4800000	5599999
8	1204738	3	5.0	72	1502	1930	1016	6340172	5600000	6399999
9	188372	1	11.0	56	1137	0	0	6532992	6400000	7199999
10	1250416	1	18.0	79	1328	0	0	7784545	7200000	7999999
11	992047	1	18.0	84	1718	0	0	8777920	8000000	8799999
12	565767	2	5.0	81	1619	1301	0	9345405	8800000	9599999
13	474019	3	13.0	55	1834	1576	1192	9822344	9600000	10399999
14	662842	3	15.0	76	1184	1458	1064	10489788	10400000	11199999
15	1378035	3	6.0	96	1317	1679	1845	11871529	11200000	11999999

15 Total number of pulses in waveform = 31
 ♀
 Waveform Num = 12
 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	544894	1	11.0	69	1598	0	0	544894	0	999999
2	1448899	1	17.0	72	1590	0	0	1995391	1000000	1999999
3	445472	3	14.0	76	1792	1801	1502	2442453	2000000	2999999
4	1012810	2	15.0	93	1552	1460	0	3460358	3000000	3999999
5	881820	1	13.0	97	1377	0	0	4345190	4000000	4999999
6	1017757	1	6.0	79	1998	0	0	5364324	5000000	5999999
7	1283224	3	15.0	58	1669	1264	1462	6649546	6000000	6999999
8	506988	2	11.0	57	1169	1090	0	7160929	7000000	7999999
9	865796	2	10.0	68	1552	1231	0	8028984	8000000	8999999
10	1273046	2	7.0	78	1166	1000	0	9304813	9000000	9999999
11	931065	3	18.0	76	1004	1092	1219	10238044	10000000	10999999
12	1435831	3	17.0	88	1855	1164	1443	11677190	11000000	11999999

12 Total number of pulses in waveform = 24
 ♀
 Waveform Num = 13
 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	263518	3	13.0	91	1216	1753	1520	263518	0	923076
2	739405	2	10.0	61	1620	1507	0	1007412	923077	1846153
3	1366306	3	18.0	56	1930	1895	1088	2376845	1846154	2769230
4	1019857	3	9.0	64	1970	1629	1249	3401615	2769231	3692307

Random parameters Bin5										
5		2	16.0	56	1741	1983	0	4375850	3692308	4615384
6	605106	3	19.0	65	1723	1431	1555	4984680	4615385	5538461
7	947764	3	6.0	91	1439	1767	1603	5937153	5538462	6461538
8	989127	3	9.0	56	1865	1884	1730	6931089	6461539	7384615
9	796170	1	19.0	88	1014	0	0	7732738	7384616	8307692
10	769564	1	11.0	57	1274	0	0	8503316	8307693	9230769
11	1568263	1	20.0	84	1525	0	0	10072853	9230770	10153846
12	726036	1	5.0	68	1456	0	0	10800414	10153847	11076923
13	534200	2	16.0	56	1096	1596	0	11336070	11076924	12000000

Total number of pulses in waveform = 28

♀
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	396753	2	10.0	74	1310	1378	0	396753	0	999999
2	1566012	3	17.0	89	1662	1017	1294	1965453	1000000	1999999
3	199226	2	15.0	79	1405	1092	0	2168652	2000000	2999999
4	1024841	1	7.0	76	1641	0	0	3195990	3000000	3999999
5	1465545	3	7.0	65	1587	1046	1727	4663176	4000000	4999999
6	528997	3	18.0	57	1041	1936	1103	5196533	5000000	5999999
7	1614178	1	13.0	99	1010	0	0	6814791	6000000	6999999
8	628489	1	18.0	50	1027	0	0	7444290	7000000	7999999
9	848137	1	12.0	82	1094	0	0	8293454	8000000	8999999
10	1101679	2	8.0	54	1097	1190	0	9396227	9000000	9999999
11	1453809	3	17.0	65	1404	1037	1244	10852323	10000000	10999999
12	957882	2	18.0	52	1296	1489	0	11813890	11000000	11999999

Total number of pulses in waveform = 24

♀
Waveform Num = 15
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	626123	1	14.0	78	1811	0	0	626123	0	857142
2	419989	1	8.0	73	1071	0	0	1047923	857143	1714285
3	1003383	3	16.0	83	1415	1673	1776	2052377	1714286	2571428
4	1098508	1	18.0	76	1811	0	0	3155749	2571429	3428571
5	487656	3	19.0	66	1902	1525	1448	3645216	3428572	4285714
6	811522	2	6.0	53	1957	1329	0	4461613	4285715	5142857
7	1380117	2	9.0	83	1067	1831	0	5845016	5142858	6000000
8	488152	2	10.0	82	1534	1418	0	6336066	6000001	6857143
9	1018903	3	20.0	69	1672	1224	1338	7357921	6857144	7714286
10	479278	1	7.0	67	1288	0	0	7841433	7714287	8571429
11	1034576	3	7.0	55	1230	1872	1469	8877297	8571430	9428572
12	1217146	1	9.0	87	1613	0	0	10099014	9428573	10285715
13	865305	2	19.0	86	1388	1142	0	10965932	10285716	11142858
14	546756	2	10.0	51	1259	1771	0	11515218	11142859	12000001

Total number of pulses in waveform = 27

♀
Waveform Num = 16

Random parameters Bin5

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	666914	2	15.0	93	1503	1831	0	666914	0	1090908
2	726986	2	18.0	93	1485	1015	0	1397234	1090909	2181817
3	969779	2	15.0	55	1314	1090	0	2369513	2181818	3272726
4	907437	1	15.0	53	1101	0	0	3279354	3272727	4363635
5	1800959	2	20.0	100	1916	1507	0	5081414	4363636	5454544
6	371846	3	10.0	96	1442	1648	1449	5456683	5454545	6545453
7	1779340	1	20.0	96	1618	0	0	7240562	6545454	7636362
8	999796	3	6.0	89	1102	1297	1407	8241976	7636363	8727271
9	1376756	1	20.0	95	1789	0	0	9622538	8727272	9818180
10	792905	3	8.0	72	1387	1987	1691	10417232	9818181	10909089
11	1445237	2	11.0	97	1505	1345	0	11867534	10909090	11999998

Total number of pulses in waveform = 22

Waveform Num = 17
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	595139	3	18.0	86	1664	1514	1103	595139	0	705881
2	221867	3	18.0	95	1066	1910	1702	821287	705882	1411763
3	780268	2	11.0	59	1114	1300	0	1606233	1411764	2117645
4	792526	1	9.0	65	1837	0	0	2401173	2117646	2823527
5	939885	2	6.0	97	1453	1218	0	3342895	2823528	3529409
6	295565	3	7.0	80	1478	1174	1302	3641131	3529410	4235291
7	784839	1	8.0	59	1289	0	0	4429924	4235292	4941173
8	936441	3	7.0	59	1169	1838	1085	5367654	4941174	5647055
9	890423	1	19.0	96	1312	0	0	6262169	5647056	6352937
10	666460	1	18.0	90	1259	0	0	6929941	6352938	7058819
11	380860	3	11.0	59	1292	1913	1578	7312060	7058820	7764701
12	1024471	1	19.0	56	1824	0	0	8341314	7764702	8470583
13	307030	2	10.0	75	1278	1533	0	8650168	8470584	9176465
14	1175625	2	7.0	74	1680	1740	0	9828604	9176466	9882347
15	383742	2	18.0	90	1803	1375	0	10215766	9882348	10588229
16	597060	1	9.0	68	1392	0	0	10816004	10588230	11294111
17	1142812	3	20.0	54	1040	1552	1788	11960208	11294112	11999993

Total number of pulses in waveform = 34

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	560055	3	14.0	100	1442	1601	1706	560055	0	799999
2	856670	3	20.0	54	1500	1025	1447	1421474	800000	1599999
3	649126	2	20.0	65	1577	1193	0	2074572	1600000	2399999
4	632245	1	17.0	63	1747	0	0	2709587	2400000	3199999
5	1071029	3	13.0	59	1306	1858	2000	3782363	3200000	3999999
	401412									

						Random parameters Bin5				
6		1	12.0	98	1807	0	0	4188939	4000000	4799999
7	778921	1	20.0	95	1889	0	0	4969667	4800000	5599999
8	935377	1	9.0	96	1229	0	0	5906933	5600000	6399999
9	805391	3	9.0	77	1232	1670	1210	6713553	6400000	7199999
10	937718	3	5.0	89	1435	1494	1369	7655383	7200000	7999999
11	1121226	1	12.0	68	1896	0	0	8780907	8000000	8799999
12	726613	1	8.0	79	1211	0	0	9509416	8800000	9599999
13	456030	3	15.0	81	1553	1000	1124	9966657	9600000	10399999
14	692453	3	16.0	57	1164	1743	1896	10662787	10400000	11199999
15	770929	2	12.0	54	1013	1669	0	11438519	11200000	11999999

Total number of pulses in waveform = 31

♀
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	608692	3	6.0	90	1207	1267	1349	608692	0	749999
2	266571	2	7.0	62	1290	1859	0	879086	750000	1499999
3	1194320	2	15.0	78	1060	1434	0	2076555	1500000	2249999
4	253095	3	13.0	80	1491	1562	1228	2332144	2250000	2999999
5	1094857	1	11.0	82	1817	0	0	3431282	3000000	3749999
6	732367	3	12.0	56	1623	1706	1827	4165466	3750000	4499999
7	718781	1	12.0	83	1988	0	0	4889403	4500000	5249999
8	629256	3	15.0	64	1812	1980	1199	5520647	5250000	5999999
9	855394	2	6.0	65	1655	1313	0	6381032	6000000	6749999
10	938744	1	17.0	59	1488	0	0	7322744	6750000	7499999
11	253786	3	15.0	62	1714	1423	1665	7578018	7500000	8249999
12	1256295	1	5.0	88	1495	0	0	8839115	8250000	8999999
13	549844	3	8.0	51	1469	1059	1589	9390454	9000000	9749999
14	728071	2	19.0	100	1221	1552	0	10122642	9750000	10499999
15	552815	3	5.0	87	1205	1573	1747	10678230	10500000	11249999
16	906891	2	18.0	85	1633	1574	0	11589646	11250000	11999999

Total number of pulses in waveform = 35

♀
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	229736	1	5.0	78	1989	0	0	229736	0	923076
2	1477842	3	7.0	51	1072	1808	1131	1709567	923077	1846153
3	440235	3	7.0	83	1523	1056	1066	2153813	1846154	2769230
4	1344361	3	9.0	53	1458	1744	1748	3501819	2769231	3692307
5	1073368	1	19.0	50	1316	0	0	4580137	3692308	4615384
6	494132	3	12.0	79	1458	1915	1739	5075585	4615385	5538461
7	784693	3	16.0	95	1796	1241	1591	5865390	5538462	6461538
8	602790	2	16.0	61	1592	1485	0	6472808	6461539	7384615
9	1558738	1	15.0	93	1853	0	0	8034623	7384616	8307692
10	619327	3	17.0	52	1934	1050	1501	8655803	8307693	9230769
	1177755									

11		1	8.0	79	1807	0	0	9838043	9230770	10153846
12	1055915	1	12.0	79	1499	0	0	10895765	10153847	11076923
13	604308	2	7.0	64	1828	1644	0	11501572	11076924	12000000

Total number of pulses in waveform = 27

♀
Waveform Num = 21
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	191908	3	13.0	96	1343	1108	1393	191908	0	631578
2	783147	1	20.0	73	1241	0	0	978899	631579	1263157
3	297634	3	11.0	74	1317	1949	1777	1277774	1263158	1894736
4	660155	2	9.0	57	1872	1966	0	1942972	1894737	2526315
5	940735	3	9.0	79	1949	1501	1554	2887545	2526316	3157894
6	699885	1	16.0	85	1037	0	0	3592434	3157895	3789473
7	388950	2	16.0	100	1932	1750	0	3982421	3789474	4421052
8	850959	2	9.0	98	1859	1699	0	4837062	4421053	5052631
9	742740	2	15.0	87	1718	1247	0	5583360	5052632	5684210
10	137066	3	10.0	56	1352	1373	1799	5723391	5684211	6315789
11	847710	2	14.0	50	1420	1059	0	6575625	6315790	6947368
12	488143	3	15.0	97	1232	1136	1091	7066247	6947369	7578947
13	1027128	2	10.0	87	1289	1812	0	8096834	7578948	8210526
14	561076	1	14.0	95	1120	0	0	8661011	8210527	8842105
15	404434	3	12.0	61	1704	1894	1738	9066565	8842106	9473684
16	443328	1	6.0	95	1149	0	0	9515229	9473685	10105263
17	1179523	3	8.0	59	1709	1360	1590	10695901	10105264	10736842
18	96798	3	11.0	51	1107	1819	1639	10797358	10736843	11368421
19	619081	2	15.0	96	1406	1921	0	11421004	11368422	12000000

Total number of pulses in waveform = 42

♀
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	516575	3	15.0	72	1132	1556	1393	516575	0	1090908
2	1065026	3	6.0	65	1802	1840	1937	1585682	1090909	2181817
3	1031959	1	6.0	87	1630	0	0	2623220	2181818	3272726
4	849274	3	13.0	70	1823	1544	1044	3474124	3272727	4363635
5	1113414	3	11.0	82	1632	1205	1744	4591949	4363636	5454544
6	1236044	1	12.0	96	1699	0	0	5832574	5454545	6545453
7	734590	2	10.0	68	1337	1109	0	6568863	6545454	7636362
8	1530253	2	19.0	85	1602	1461	0	8101562	7636363	8727271
9	938221	2	9.0	61	1992	1828	0	9042846	8727272	9818180
10	1062423	3	14.0	94	1744	1113	1217	10109089	9818181	10909089
11	1163639	2	16.0	59	1412	1957	0	11276802	10909090	11999998

Total number of pulses in waveform = 25

♀
Waveform Num = 23
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)
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#	(us)	Pulses	(MHz)	(us)	Pri(us)	Random parameters Bin5			Interval(us)	Interval(us)
						Pri(us)	Pri(us)	(us)		
1	487194	2	9.0	75	1289	1320	0	487194	0	1090908
2	903140	1	12.0	50	1518	0	0	1392943	1090909	2181817
3	987815	3	14.0	91	1648	1466	1940	2382276	2181818	3272726
4	1025490	1	14.0	62	1655	0	0	3412820	3272727	4363635
5	1179283	2	17.0	63	1166	1946	0	4593758	4363636	5454544
6	1940766	2	13.0	63	1108	1683	0	6537636	5454545	6545453
7	784817	1	6.0	53	1292	0	0	7325244	6545454	7636362
8	654462	2	7.0	66	1800	1592	0	7980998	7636363	8727271
9	760587	3	16.0	55	1868	1042	1035	8744977	8727272	9818180
10	2022904	1	17.0	88	1024	0	0	10771826	9818181	10909089
11	1204546	2	20.0	73	1034	1971	0	11977396	10909090	11999998

Total number of pulses in waveform = 20

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)
1	595707	3	17.0	51	1928	1285	1871	595707	0	799999
2	791777	3	6.0	83	1624	1060	1562	1392568	800000	1599999
3	981718	3	16.0	94	1233	1688	1153	2378532	1600000	2399999
4	41872	2	9.0	50	1774	1570	0	2424478	2400000	3199999
5	1199078	1	13.0	61	1092	0	0	3626900	3200000	3999999
6	1138944	3	20.0	62	1787	1193	1123	4766936	4000000	4799999
7	103013	3	19.0	58	1447	1162	1788	4874052	4800000	5599999
8	1234935	1	10.0	66	1952	0	0	6113384	5600000	6399999
9	864413	3	20.0	61	1068	1661	1711	6979749	6400000	7199999
10	264449	1	9.0	74	1241	0	0	7248638	7200000	7999999
11	1042716	2	17.0	60	1363	1885	0	8292595	8000000	8799999
12	648766	3	7.0	84	1349	1062	1501	8944609	8800000	9599999
13	754932	1	7.0	98	1622	0	0	9703453	9600000	10399999
14	954402	2	14.0	57	1332	1546	0	10659477	10400000	11199999
15	668560	3	13.0	61	1056	1234	1009	11330915	11200000	11999999

Total number of pulses in waveform = 34

Waveform Num = 25
 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	344319	3	19.0	73	1688	1977	1770	344319	0	857142
2	527288	3	8.0	98	1829	1023	1997	877042	857143	1714285
3	1652808	2	11.0	58	1085	1093	0	2534699	1714286	2571428
4	548134	1	15.0	75	1572	0	0	3085011	2571429	3428571
5	567900	2	15.0	80	1611	1726	0	3654483	3428572	4285714
6	1164797	2	17.0	61	1987	1514	0	4822617	4285715	5142857
7	336236	2	17.0	78	1581	1642	0	5162354	5142858	6000000
8	1174092	1	10.0	53	1561	0	0	6339669	6000001	6857143
9	696835	2	18.0	96	1306	1575	0	7038065	6857144	7714286
	1433883									

Random parameters Bin5										
10		2	18.0	83	1880	1188	0	8474829	7714287	8571429
11	463612	1	7.0	66	1335	0	0	8941509	8571430	9428572
12	1277434	2	14.0	74	1845	1576	0	10220278	9428573	10285715
13	174701	1	5.0	72	1779	0	0	10398400	10285716	11142858
14	880032	2	19.0	71	1583	1955	0	11280211	11142859	12000001
Total number of pulses in waveform = 26										
♀										
Waveform Num = 26										
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	34532	1	11.0	58	1221	0	0	34532	0	1199999
2	1929068	2	12.0	84	1146	1085	0	1964821	1200000	2399999
3	1040996	2	16.0	90	1295	1636	0	3008048	2400000	3599999
4	1560775	1	11.0	83	1546	0	0	4571754	3600000	4799999
5	1054968	2	9.0	50	1966	1079	0	5628268	4800000	5999999
6	694571	3	19.0	56	1611	1148	1131	6325884	6000000	7199999
7	2018003	1	16.0	53	1128	0	0	8347777	7200000	8399999
8	1005577	3	19.0	59	1732	1087	1919	9354482	8400000	9599999
9	607420	3	11.0	95	1601	1511	1012	9966640	9600000	10799999
10	1103733	3	7.0	71	1777	1779	1324	11074497	10800000	11999999
Total number of pulses in waveform = 21										
♀										
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	555430	3	18.0	89	1289	1905	1311	555430	0	1090908
2	697813	2	11.0	73	1320	1880	0	1257748	1090909	2181817
3	1949935	3	6.0	66	1583	1306	1223	3210883	2181818	3272726
4	1040550	1	6.0	84	1917	0	0	4255545	3272727	4363635
5	792734	1	17.0	79	1834	0	0	5050196	4363636	5454544
6	902665	3	6.0	84	1410	1225	1480	5954695	5454545	6545453
7	972860	1	6.0	99	1350	0	0	6931670	6545454	7636362
8	1194249	1	8.0	63	1248	0	0	8127269	7636363	8727271
9	1509248	2	10.0	73	1348	1581	0	9637765	8727272	9818180
10	849551	3	14.0	72	1988	1364	1307	10490245	9818181	10909089
11	1128714	3	8.0	96	1847	1639	1791	11623618	10909090	11999998
Total number of pulses in waveform = 23										
♀										
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	1181731	2	5.0	55	1479	1773	0	1181731	0	1499999
2	1649418	3	7.0	72	1165	1007	1156	2834401	1500000	2999999
3	1636174	2	17.0	86	1271	1610	0	4473903	3000000	4499999
4	189168	2	8.0	69	1344	1381	0	4665952	4500000	5999999
5	2825218	2	20.0	61	1209	1517	0	7493895	6000000	7499999
6	1257026	3	9.0	91	1331	1059	1514	8753647	7500000	8999999
	826242									

Random parameters Bin5

	1006736	2	20.0	79	1882	1036	0	9583793	9000000	10499999
7										
8		2	20.0	100	1961	1849	0	10593447	10500000	11999999

Total number of pulses in waveform = 18

Waveform Num = 29
 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	267100	2	9.0	52	1984	1169	0	267100	0	1199999
2	1738957	1	8.0	77	1848	0	0	2009210	1200000	2399999
3	878433	1	15.0	95	1324	0	0	2889491	2400000	3599999
4	1665819	1	10.0	54	1612	0	0	4556634	3600000	4799999
5	1343872	1	19.0	58	1079	0	0	5902118	4800000	5999999
6	437572	1	16.0	59	1457	0	0	6340769	6000000	7199999
7	1319118	2	20.0	84	1873	1637	0	7661344	7200000	8399999
8	1327162	3	8.0	61	1261	1833	1866	8992016	8400000	9599999
9	633072	2	16.0	85	1622	1215	0	9630048	9600000	10799999
10	1337464	1	5.0	81	1344	0	0	10970349	10800000	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	630804	3	13.0	59	1025	1230	1409	630804	0	1333332
2	837157	2	19.0	70	1021	1608	0	1471625	1333333	2666665
3	2173703	3	13.0	88	1331	1540	1524	3647957	2666666	3999998
4	1361014	3	7.0	76	1695	1534	1320	5013366	3999999	5333331
5	785364	2	16.0	74	1894	1314	0	5803279	5333332	6666664
6	1747359	3	8.0	56	1447	1405	1034	7553846	6666665	7999997
7	1245106	1	20.0	94	1163	0	0	8802838	7999998	9333330
8	975865	1	18.0	70	1090	0	0	9779866	9333331	10666663
9	1074822	1	14.0	81	1714	0	0	10855778	10666664	11999996

Total number of pulses in waveform = 19

80MHz Bandwidth

Random DFS waveform parameters (NewBin5) 22-Jun-2015 17:02:50

Waveform Num = 1
 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	72762	1	7.0	55	1850	0	0	72762	0	705881
2	1031294	3	8.0	74	1261	1016	1176	1105906	705882	1411763
3	589988	3	20.0	86	1874	1409	1287	1699347	1411764	2117645
4	843699	2	11.0	89	1248	1683	0	2547616	2117646	2823527
5	525219	3	17.0	64	1415	1226	1785	3075766	2823528	3529409
6	449916	3	10.0	100	1479	1518	1359	3530108	3529410	4235291
7	730094	3	9.0	68	1031	1937	1251	4264558	4235292	4941173
8	720801	2	16.0	93	1124	1084	0	4989578	4941174	5647055
9	741560	3	10.0	82	1908	1077	1448	5733346	5647056	6352937

Random parameters Bin5										
10	928187	2	12.0	66	1892	1595	0	6665966	6352938	7058819
11	514487	2	19.0	63	1621	1481	0	7183940	7058820	7764701
12	1102187	1	12.0	95	1916	0	0	8289229	7764702	8470583
13	470461	1	10.0	85	1535	0	0	8761606	8470584	9176465
14	740249	3	19.0	54	1059	1718	1233	9503390	9176466	9882347
15	820363	2	18.0	56	1100	1888	0	10327763	9882348	10588229
16	856618	2	12.0	98	1774	1091	0	11187369	10588230	11294111
17	316884	1	5.0	78	1751	0	0	11507118	11294112	11999993
Total number of pulses in waveform = 37										
♀										
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	418799	2	5.0	53	1757	1015	0	418799	0	666666
2	758928	1	14.0	57	1689	0	0	1180499	666667	1333333
3	266789	3	18.0	60	1268	1477	1962	1448977	1333334	2000000
4	621622	2	17.0	72	1711	1963	0	2075306	2000001	2666667
5	1129109	3	15.0	82	1801	1663	1020	3208089	2666668	3333334
6	693149	3	9.0	91	1945	1975	1146	3905722	3333335	4000001
7	231146	3	19.0	65	1536	1154	1699	4141934	4000002	4666668
8	635255	1	11.0	86	1363	0	0	4781578	4666669	5333335
9	653441	3	20.0	99	1088	1641	1342	5436382	5333336	6000002
10	1098573	2	16.0	69	1840	1221	0	6539026	6000003	6666669
11	777197	2	20.0	60	1987	1657	0	7319284	6666670	7333336
12	408639	1	17.0	54	1621	0	0	7731567	7333337	8000003
13	280030	1	8.0	100	1477	0	0	8013218	8000004	8666670
14	1039600	1	11.0	94	1336	0	0	9054295	8666671	9333337
15	705464	2	9.0	100	1272	1407	0	9761095	9333338	10000004
16	494298	2	7.0	58	1889	1380	0	10258072	10000005	10666671
17	930329	1	20.0	96	1585	0	0	11191670	10666672	11333338
18	343958	2	8.0	70	1777	1988	0	11537213	11333339	12000005
Total number of pulses in waveform = 35										
♀										
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	99029	1	11.0	51	1474	0	0	99029	0	631578
2	736985	2	18.0	90	1455	1356	0	837488	631579	1263157
3	693283	3	12.0	50	1768	1380	1419	1533582	1263158	1894736
4	859780	2	9.0	51	1329	1581	0	2397929	1894737	2526315
5	697306	3	16.0	88	1959	1747	1398	3098145	2526316	3157894
6	132189	2	19.0	92	1640	1252	0	3235438	3157895	3789473
7	918675	1	10.0	76	1788	0	0	4157005	3789474	4421052
8	452541	1	15.0	58	1961	0	0	4611334	4421053	5052631
9	647429	2	14.0	65	1420	1659	0	5260724	5052632	5684210
10	925801	3	10.0	93	1589	1126	1110	6189604	5684211	6315789

Random parameters Bin5										
11	197833	1	18.0	76	1798	0	0	6391262	6315790	6947368
12	1044028	3	19.0	83	1023	1657	1195	7437088	6947369	7578947
13	262044	2	12.0	97	1100	1969	0	7703007	7578948	8210526
14	1051769	2	15.0	58	1833	1305	0	8757845	8210527	8842105
15	175317	2	8.0	88	1777	1012	0	8936300	8842106	9473684
16	783659	3	10.0	88	1805	1327	1671	9722748	9473685	10105263
17	743201	3	7.0	89	1771	1976	1694	10470752	10105264	10736842
18	636484	2	5.0	76	1638	1979	0	11112677	10736843	11368421
19	778020	2	9.0	79	1542	1914	0	11894314	11368422	12000000

Total number of pulses in waveform = 40

Waveform Num = 4
 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	303388	1	10.0	53	1654	0	0	303388	0	923076
2	690258	2	19.0	84	1575	1350	0	995300	923077	1846153
3	1680908	3	8.0	70	1646	1604	1737	2679133	1846154	2769230
4	870465	1	18.0	71	1077	0	0	3554585	2769231	3692307
5	709286	3	8.0	87	1256	1741	1331	4264948	3692308	4615384
6	447147	2	9.0	94	1236	1032	0	4716423	4615385	5538461
7	1075081	3	14.0	90	1571	1732	1122	5793772	5538462	6461538
8	1176396	3	20.0	52	1212	1592	1870	6974593	6461539	7384615
9	601002	3	11.0	59	1918	1923	1567	7580269	7384616	8307692
10	1589564	3	18.0	85	1759	1663	1889	9175241	8307693	9230769
11	730516	3	17.0	60	1611	1223	1498	9911068	9230770	10153846
12	880674	3	18.0	92	1163	1632	1972	10796074	10153847	11076923
13	1173561	2	18.0	72	1633	1161	0	11974402	11076924	12000000

Total number of pulses in waveform = 32

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	10226	1	9.0	62	1874	0	0	10226	0	799999
2	1111478	1	5.0	90	1387	0	0	1123578	800000	1599999
3	1186966	3	9.0	59	1275	1975	1945	2311931	1600000	2399999
4	872925	1	10.0	95	1680	0	0	3190051	2400000	3199999
5	560244	1	15.0	89	1721	0	0	3751975	3200000	3999999
6	915926	3	15.0	74	1747	1913	1414	4669622	4000000	4799999
7	495445	1	12.0	90	1084	0	0	5170141	4800000	5599999
8	656163	3	8.0	96	1692	1715	1532	5827388	5600000	6399999
9	1299799	3	13.0	79	1020	1677	1551	7132126	6400000	7199999
10	314397	3	19.0	64	1915	1894	1900	7450771	7200000	7999999
11	793821	1	13.0	60	1135	0	0	8250301	8000000	8799999
12	1139995	1	7.0	56	1004	0	0	9391431	8800000	9599999
13	557110	1	10.0	84	1854	0	0	9949545	9600000	10399999
14	844234	2	11.0	89	1753	1453	0	10795633	10400000	11199999

Random parameters Bin5										
416663	2	17.0	82	1043	1919	0	11215502	11200000	11999999	
Total number of pulses in waveform = 27										
♀										
Waveform Num = 6										
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	526404	3	19.0	65	1001	1059	1827	526404	0	999999
2	598212	3	12.0	87	1897	1597	1031	1128503	1000000	1999999
3	1152943	1	17.0	69	1109	0	0	2285971	2000000	2999999
4	897205	2	11.0	89	1781	1629	0	3184285	3000000	3999999
5	1434972	1	19.0	97	1877	0	0	4622667	4000000	4999999
6	752376	2	12.0	85	1120	1178	0	5376920	5000000	5999999
7	1246941	1	16.0	55	1932	0	0	6626159	6000000	6999999
8	989638	2	17.0	99	1537	1901	0	7617729	7000000	7999999
9	942651	2	19.0	94	1743	1343	0	8563818	8000000	8999999
10	566352	3	7.0	53	1574	1610	1319	9133256	9000000	9999999
11	930256	1	9.0	56	1666	0	0	10068015	10000000	10999999
12	1312927	3	20.0	73	1200	1886	1477	11382608	11000000	11999999
Total number of pulses in waveform = 24										
♀										
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	103038	2	11.0	64	1439	1493	0	103038	0	631578
2	703335	3	8.0	98	1185	1540	1175	809305	631579	1263157
3	575187	1	20.0	50	1144	0	0	1388392	1263158	1894736
4	650567	3	10.0	55	1774	1433	1284	2040103	1894737	2526315
5	613651	2	8.0	57	1601	1760	0	2658245	2526316	3157894
6	531396	3	15.0	59	1214	1846	1824	3193002	3157895	3789473
7	689647	1	19.0	92	1585	0	0	3887533	3789474	4421052
8	545675	2	18.0	71	1859	1918	0	4434793	4421053	5052631
9	1007267	3	20.0	81	1079	1915	1780	5445837	5052632	5684210
10	252938	3	11.0	50	1632	1668	1436	5703549	5684211	6315789
11	669043	3	5.0	76	1245	1226	1959	6377328	6315790	6947368
12	783645	1	17.0	68	1276	0	0	7165403	6947369	7578947
13	540092	3	10.0	88	1825	1055	1498	7706771	7578948	8210526
14	954211	1	5.0	62	1341	0	0	8665360	8210527	8842105
15	636796	3	15.0	94	1920	1044	1907	9303497	8842106	9473684
16	718351	1	5.0	52	1136	0	0	10026719	9473685	10105263
17	670125	2	19.0	73	1393	1926	0	10697980	10105264	10736842
18	353099	1	7.0	78	1547	0	0	11054398	10736843	11368421
19	373322	3	7.0	54	1750	1476	1903	11429267	11368422	12000000
Total number of pulses in waveform = 41										
♀										
Waveform Num = 8										
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)

Random parameters Bin5										
1	1075296	1	13.0	50	1322	0	0	1075296	0	1090908
2	174583	1	19.0	98	1241	0	0	1251201	1090909	2181817
3	976751	3	6.0	87	1123	1772	1140	2229193	2181818	3272726
4	1079522	1	8.0	60	1783	0	0	3312750	3272727	4363635
5	1099071	3	17.0	94	1059	1354	1033	4413604	4363636	5454544
6	1278555	1	17.0	70	1839	0	0	5695605	5454545	6545453
7	1235863	1	11.0	79	1309	0	0	6933307	6545454	7636362
8	1299929	2	17.0	91	1468	1276	0	8234545	7636363	8727271
9	1357396	3	20.0	100	1878	1348	1856	9594685	8727272	9818180
10	472729	2	6.0	74	1331	1388	0	10072496	9818181	10909089
11	1747852	3	15.0	79	1287	1133	1596	11823067	10909090	11999998
Total number of pulses in waveform = 21										
♀										
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	551912	3	11.0	81	1632	1188	1487	551912	0	705881
2	222060	1	13.0	56	1151	0	0	778279	705882	1411763
3	1125611	1	20.0	96	1382	0	0	1905041	1411764	2117645
4	668324	2	9.0	78	1683	1934	0	2574747	2117646	2823527
5	559884	2	9.0	100	1652	1359	0	3138248	2823528	3529409
6	1091699	1	15.0	91	1635	0	0	4232958	3529410	4235291
7	471927	2	8.0	75	1754	1703	0	4706520	4235292	4941173
8	624733	3	12.0	66	1737	1906	1600	5334710	4941174	5647055
9	317072	2	16.0	52	1996	1418	0	5657025	5647056	6352937
10	1263624	2	6.0	64	1597	1718	0	6924063	6352938	7058819
11	491886	3	20.0	95	1812	1068	1143	7419264	7058820	7764701
12	507659	1	12.0	52	1407	0	0	7930946	7764702	8470583
13	1145335	3	12.0	54	1474	1333	1087	9077688	8470584	9176465
14	389637	3	10.0	73	1299	1747	1316	9471219	9176466	9882347
15	576729	1	17.0	82	1363	0	0	10052310	9882348	10588229
16	816464	2	6.0	82	1126	1502	0	10870137	10588230	11294111
17	652172	3	5.0	81	1283	1338	1693	11524937	11294112	11999993
Total number of pulses in waveform = 35										
♀										
Waveform Num = 10										
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	212654	3	12.0	66	1824	1869	1215	212654	0	799999
2	1283862	2	8.0	86	1814	1501	0	1501424	800000	1599999
3	250897	2	10.0	68	1284	1639	0	1755636	1600000	2399999
4	942811	3	8.0	96	1708	1184	1572	2701370	2400000	3199999
5	860206	2	14.0	78	1244	1335	0	3566040	3200000	3999999
6	914242	1	11.0	80	1741	0	0	4482861	4000000	4799999
7	373311	3	13.0	51	1229	1912	1986	4857913	4800000	5599999
8	1344436	3	12.0	86	1994	1000	1207	6207476	5600000	6399999

Random parameters Bin5

	314316									
9	1054452	1	16.0	92	1360	0	0	6525993	6400000	7199999
10	1030861	2	5.0	66	1780	1769	0	7581805	7200000	7999999
11	914779	3	7.0	50	1903	1379	1009	8616215	8000000	8799999
12	364229	1	7.0	59	1207	0	0	9535285	8800000	9599999
13	901082	2	8.0	97	1177	1204	0	9900721	9600000	10399999
14	392942	2	17.0	52	1942	1223	0	10804184	10400000	11199999
15		1	13.0	70	1325	0	0	11200291	11200000	11999999

Total number of pulses in waveform = 31

♀

Waveform Num = 11

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	63775	1	7.0	50	1187	0	0	63775	0	923076
2	1344861	1	5.0	62	1815	0	0	1409823	923077	1846153
3	651623	2	11.0	52	1786	1866	0	2063261	1846154	2769230
4	953048	2	11.0	65	1394	1114	0	3019961	2769231	3692307
5	918511	1	5.0	84	1812	0	0	3940980	3692308	4615384
6	1143827	2	11.0	71	1065	1194	0	5086619	4615385	5538461
7	1295832	2	20.0	66	1590	1164	0	6384710	5538462	6461538
8	149770	3	12.0	86	1811	1998	1348	6537234	6461539	7384615
9	1073874	2	11.0	85	1115	1751	0	7616265	7384616	8307692
10	703478	2	11.0	93	1303	1197	0	8322609	8307693	9230769
11	1139331	1	20.0	57	1461	0	0	9464440	9230770	10153846
12	763201	1	6.0	65	1698	0	0	10229102	10153847	11076923
13	1051688	2	8.0	68	1024	1109	0	11282488	11076924	12000000

Total number of pulses in waveform = 22

♀

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	441311	3	20.0	78	1503	1765	1381	441311	0	1333332
2	1891477	1	20.0	54	1531	0	0	2337437	1333333	2666665
3	857865	3	10.0	57	1058	1554	1776	3196833	2666666	3999998
4	1539746	2	7.0	98	1398	1861	0	4740967	3999999	5333331
5	1765599	2	6.0	57	1777	1440	0	6509825	5333332	6666664
6	936259	1	14.0	96	1266	0	0	7449301	6666665	7999997
7	840954	2	11.0	71	1366	1169	0	8291521	7999998	9333330
8	2254085	3	15.0	86	1360	1375	1640	10548141	9333331	10666663
9	865132	3	17.0	96	1536	1211	1501	11417648	10666664	11999996

Total number of pulses in waveform = 20

♀

Waveform Num = 13

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	425449	1	8.0	82	1687	0	0	425449	0	1090908
2	928232	1	11.0	72	1899	0	0	1355368	1090909	2181817
3	916705	3	8.0	93	1788	1601	1526	2273972	2181818	3272726

Random parameters Bin5

4	1719755	2	20.0	99	1501	1411	0	3998642	3272727	4363635
5	584445	1	6.0	76	1360	0	0	4585999	4363636	5454544
6	897575	2	14.0	92	1216	1740	0	5484934	5454545	6545453
7	1335470	2	12.0	77	1170	1286	0	6823360	6545454	7636362
8	822205	1	17.0	50	1112	0	0	7648021	7636363	8727271
9	1534102	2	15.0	99	1768	1271	0	9183235	8727272	9818180
10	900796	2	11.0	68	1979	1138	0	10087070	9818181	10909089
11	1310451	3	15.0	50	1657	1013	1911	11400638	10909090	11999998

Total number of pulses in waveform = 20

♀

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	562422	1	10.0	98	1456	0	0	562422	0	857142
2	1096722	2	5.0	56	1329	1347	0	1660600	857143	1714285
3	526415	2	20.0	83	1716	1804	0	2189691	1714286	2571428
4	641099	1	15.0	92	1840	0	0	2834310	2571429	3428571
5	739631	1	13.0	91	1420	0	0	3575781	3428572	4285714
6	984652	3	20.0	68	1317	1524	1304	4561853	4285715	5142857
7	1154630	3	18.0	92	1776	1400	1781	5720628	5142858	6000000
8	521099	2	17.0	50	1887	1445	0	6246684	6000001	6857143
9	1151559	3	12.0	63	1416	1565	1227	7401575	6857144	7714286
10	395997	3	10.0	77	1029	1865	1681	7801780	7714287	8571429
11	1307473	2	18.0	74	1927	1286	0	9113828	8571430	9428572
12	387145	3	14.0	67	1762	1952	1527	9504186	9428573	10285715
13	972187	3	18.0	54	1589	1704	1600	10481614	10285716	11142858
14	1225769	3	6.0	54	1579	1608	1178	11712276	11142859	12000001

Total number of pulses in waveform = 32

♀

Waveform Num = 15

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	603674	1	12.0	78	1922	0	0	603674	0	749999
2	363845	2	12.0	55	1043	1330	0	969441	750000	1499999
3	1050137	3	10.0	94	1607	1007	1065	2021951	1500000	2249999
4	693006	1	12.0	92	1327	0	0	2718636	2250000	2999999
5	807078	3	7.0	76	1368	1718	1910	3527041	3000000	3749999
6	752268	1	9.0	86	1077	0	0	4284305	3750000	4499999
7	895753	3	16.0	75	1694	1410	1116	5181135	4500000	5249999
8	237031	1	11.0	78	1009	0	0	5422386	5250000	5999999
9	1192458	3	11.0	89	1580	1237	1402	6615853	6000000	6749999
10	407213	2	14.0	89	1672	1560	0	7027285	6750000	7499999
11	528238	1	7.0	91	1273	0	0	7558755	7500000	8249999
12	1270585	3	18.0	94	1776	1944	1274	8830613	8250000	8999999
13	389339	1	15.0	52	1125	0	0	9224946	9000000	9749999
14	1032404	3	13.0	59	1256	1329	1691	10258475	9750000	10499999

Random parameters Bin5										
15	395855	1	9.0	95	1810	0	0	10658606	10500000	11249999
	883410									
16		1	11.0	55	1471	0	0	11543826	11250000	11999999
Total number of pulses in waveform = 30										
♀										
Waveform Num = 16										
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	712346	3	16.0	92	1244	1763	1424	712346	0	749999
2	701165	1	15.0	65	1967	0	0	1417942	750000	1499999
3	394940	1	11.0	68	1480	0	0	1814849	1500000	2249999
4	1104129	3	8.0	66	1994	1342	1149	2920458	2250000	2999999
5	125888	3	17.0	72	1950	1501	1044	3050831	3000000	3749999
6	1003318	3	9.0	65	1005	1833	1284	4058644	3750000	4499999
7	693625	3	11.0	71	1613	1511	1216	4756391	4500000	5249999
8	938548	2	13.0	63	1061	1103	0	5699279	5250000	5999999
9	574023	2	13.0	74	1950	1397	0	6275466	6000000	6749999
10	554824	1	7.0	56	1903	0	0	6833637	6750000	7499999
11	930715	1	14.0	61	1553	0	0	7766255	7500000	8249999
12	718435	3	16.0	95	1534	1855	1487	8486243	8250000	8999999
13	818922	3	13.0	60	1752	1566	1353	9310041	9000000	9749999
14	723592	3	16.0	78	1089	1184	1923	10038304	9750000	10499999
15	969842	1	20.0	90	1082	0	0	11012342	10500000	11249999
16	857406	2	13.0	79	1993	1416	0	11870830	11250000	11999999
Total number of pulses in waveform = 35										
♀										
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	498198	3	5.0	50	1618	1618	1798	498198	0	1333332
2	1326457	2	20.0	77	1194	1591	0	1829689	1333333	2666665
3	1152279	2	19.0	80	1222	1585	0	2984753	2666666	3999998
4	2210940	3	10.0	53	1257	1476	1140	5198500	3999999	5333331
5	292892	2	10.0	58	1521	1182	0	5495265	5333332	6666664
6	2011696	3	15.0	93	1855	1306	1374	7509664	6666665	7999997
7	1523765	3	19.0	91	1132	1655	1243	9037964	7999998	9333330
8	1535567	3	10.0	68	1228	1244	1846	10577561	9333331	10666663
9	749269	1	18.0	79	1501	0	0	11331148	10666664	11999996
Total number of pulses in waveform = 22										
♀										
Waveform Num = 18										
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	383585	3	19.0	65	1328	1186	1867	383585	0	705881
2	857996	1	16.0	100	1305	0	0	1245962	705882	1411763
3	458313	2	18.0	81	1892	1729	0	1705580	1411764	2117645
4	888861	3	12.0	90	1308	1420	1087	2598062	2117646	2823527
5	360076	2	6.0	60	1480	1717	0	2961953	2823528	3529409

Random parameters Bin5

6	622009	1	12.0	91	1226	0	0	3587159	3529410	4235291
7	978025	1	7.0	75	1994	0	0	4566410	4235292	4941173
8	474120	1	8.0	72	1120	0	0	5042524	4941174	5647055
9	973640	2	7.0	85	1628	1211	0	6017284	5647056	6352937
10	738049	3	6.0	84	1026	1216	1004	6758172	6352938	7058819
11	948053	2	6.0	85	1067	1799	0	7709471	7058820	7764701
12	469362	3	8.0	76	1778	1562	1275	8181699	7764702	8470583
13	472884	3	17.0	86	1965	1551	1670	8659198	8470584	9176465
14	600653	3	17.0	78	1341	1371	1902	9265037	9176466	9882347
15	1012855	1	15.0	58	1377	0	0	10282506	9882348	10588229
16	523854	1	7.0	79	1798	0	0	10807737	10588230	11294111
17	749062	1	18.0	78	1614	0	0	11558597	11294112	11999993

Total number of pulses in waveform = 33

♀

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	269114	3	8.0	88	1131	1718	1792	269114	0	999999
2	865944	2	9.0	76	1141	1154	0	1139699	1000000	1999999
3	1164314	1	7.0	65	1777	0	0	2306308	2000000	2999999
4	1075579	2	16.0	93	1636	1273	0	3383664	3000000	3999999
5	1412185	1	13.0	78	1301	0	0	4798758	4000000	4999999
6	258358	3	10.0	97	1280	1289	1910	5058417	5000000	5999999
7	1052315	3	20.0	79	1449	1393	1803	6115211	6000000	6999999
8	965669	1	5.0	93	1235	0	0	7085525	7000000	7999999
9	1842524	3	8.0	53	1557	1700	1902	8929284	8000000	8999999
10	819444	2	10.0	73	1449	1507	0	9753887	9000000	9999999
11	609150	1	5.0	65	1196	0	0	10365993	10000000	10999999
12	873714	1	5.0	99	1226	0	0	11240903	11000000	11999999

Total number of pulses in waveform = 23

♀

Waveform Num = 20

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	217335	3	5.0	91	1432	1668	1366	217335	0	749999
2	815494	1	18.0	85	1822	0	0	1037295	750000	1499999
3	1195404	1	20.0	56	1958	0	0	2234521	1500000	2249999
4	183453	1	8.0	56	1283	0	0	2419932	2250000	2999999
5	1252615	3	19.0	70	1849	1974	1141	3673830	3000000	3749999
6	278074	2	18.0	58	1048	1651	0	3956868	3750000	4499999
7	1145896	2	18.0	76	1167	1965	0	5105463	4500000	5249999
8	882291	1	18.0	94	1815	0	0	5990886	5250000	5999999
9	232008	1	15.0	80	1196	0	0	6224709	6000000	6749999
10	1058270	1	10.0	81	1702	0	0	7284175	6750000	7499999
11	577391	3	15.0	80	1538	1972	1822	7863268	7500000	8249999
12	690956	2	11.0	62	1899	1084	0	8559556	8250000	8999999

Random parameters Bin5

13	1169932	1	11.0	90	1185	0	0	9732471	9000000	9749999
	480321	2	15.0	60	1547	1978	0	10213977	9750000	10499999
14	426787	3	14.0	73	1218	1341	1646	10644289	10500000	11249999
	966637	1	10.0	79	1061	0	0	11615131	11250000	11999999

Total number of pulses in waveform = 28

♀
Waveform Num = 21
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	177984	2	10.0	77	1166	1931	0	177984	0	599999
2	868609	3	12.0	84	1040	1111	1849	1049690	600000	1199999
3	682810	3	19.0	77	1294	1171	1877	1736500	1200000	1799999
4	303399	3	18.0	83	1095	1953	1285	2044241	1800000	2399999
5	894699	1	13.0	69	1322	0	0	2943273	2400000	2999999
6	359667	1	15.0	65	1469	0	0	3304262	3000000	3599999
7	672760	1	16.0	59	1475	0	0	3978491	3600000	4199999
8	775375	3	13.0	90	1424	1582	1653	4755341	4200000	4799999
9	307657	1	11.0	73	1190	0	0	5067657	4800000	5399999
10	753517	2	14.0	73	1742	1951	0	5822364	5400000	5999999
11	659356	1	6.0	53	1348	0	0	6485413	6000000	6599999
12	689596	3	12.0	56	1582	1059	1139	7176357	6600000	7199999
13	100450	3	11.0	56	1358	1904	1210	7280587	7200000	7799999
14	694573	1	9.0	65	1634	0	0	7979632	7800000	8399999
15	760175	3	11.0	72	1397	1441	1196	8741441	8400000	8999999
16	829907	1	17.0	84	1253	0	0	9575382	9000000	9599999
17	590121	2	8.0	89	1982	1079	0	10166756	9600000	10199999
18	119681	1	19.0	70	1617	0	0	10289498	10200000	10799999
19	969831	1	12.0	95	1188	0	0	11260946	10800000	11399999
20	183805	3	9.0	84	1150	1355	1090	11445939	11400000	11999999

Total number of pulses in waveform = 39

♀
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	921751	2	12.0	100	1734	1277	0	921751	0	1090908
2	442396	1	6.0	75	1895	0	0	1367158	1090909	2181817
3	1587871	2	13.0	52	1322	1376	0	2956924	2181818	3272726
4	1066953	3	11.0	98	1969	1118	1402	4026575	3272727	4363635
5	760471	3	16.0	55	1575	1283	1117	4791535	4363636	5454544
6	752956	1	8.0	89	1220	0	0	5548466	5454545	6545453
7	1892903	2	9.0	59	1208	1293	0	7442589	6545454	7636362
8	796518	1	10.0	68	1907	0	0	8241608	7636363	8727271
9	1058045	1	14.0	62	1896	0	0	9301560	8727272	9818180
10	592300	2	18.0	59	1655	1285	0	9895756	9818181	10909089
11	1750543	3	14.0	79	1521	1619	1643	11649239	10909090	11999998

Total number of pulses in waveform = 21

Random parameters Bin5

Waveform Num = 23
 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	231403	3	17.0	94	1039	1170	1451	231403	0	999999
2	1593755	1	18.0	56	1686	0	0	1828818	1000000	1999999
3	292623	2	6.0	54	1974	1388	0	2123127	2000000	2999999
4	1603863	1	15.0	93	1275	0	0	3730352	3000000	3999999
5	1125192	1	19.0	55	1622	0	0	4856819	4000000	4999999
6	954719	3	10.0	56	1724	1180	1195	5813160	5000000	5999999
7	473625	3	10.0	72	1045	1800	1594	6290884	6000000	6999999
8	1227086	1	7.0	52	1117	0	0	7522409	7000000	7999999
9	1471868	2	5.0	70	1007	1078	0	8995394	8000000	8999999
10	837422	3	7.0	63	1770	1776	1477	9834901	9000000	9999999
11	1034071	2	17.0	73	1967	1496	0	10873995	10000000	10999999
12	896173	2	17.0	66	1543	1226	0	11773631	11000000	11999999

Total number of pulses in waveform = 24

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	639358	1	18.0	80	1946	0	0	639358	0	705881
2	181396	2	6.0	83	1955	1989	0	822700	705882	1411763
3	1088667	3	17.0	80	1767	1103	1050	1915311	1411764	2117645
4	620090	3	8.0	54	1039	1917	1657	2539321	2117646	2823527
5	960607	2	14.0	55	1776	1236	0	3504541	2823528	3529409
6	595898	3	14.0	76	1189	1304	1825	4103451	3529410	4235291
7	578357	1	9.0	100	1294	0	0	4686126	4235292	4941173
8	898670	3	20.0	68	1035	1450	1684	5586090	4941174	5647055
9	648235	1	16.0	86	1401	0	0	6238494	5647056	6352937
10	663723	1	20.0	73	1402	0	0	6903618	6352938	7058819
11	264695	3	19.0	95	1182	1579	1429	7169715	7058820	7764701
12	965691	1	11.0	82	1901	0	0	8139596	7764702	8470583
13	463915	2	13.0	72	1263	1047	0	8605412	8470584	9176465
14	710969	2	9.0	92	1154	1589	0	9318691	9176466	9882347
15	808540	2	9.0	98	1502	1404	0	10129974	9882348	10588229
16	855179	1	11.0	95	1691	0	0	10988059	10588230	11294111
17	674506	3	7.0	66	1977	1239	1578	11664256	11294112	11999993

Total number of pulses in waveform = 34

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	431099	1	11.0	100	1166	0	0	431099	0	749999
2	325331	3	10.0	82	1440	1279	1225	757596	750000	1499999
3	1106668	1	6.0	95	1903	0	0	1868208	1500000	2249999
4	878761	1	16.0	89	1082	0	0	2748872	2250000	2999999

Random parameters Bin5										
5	616864	2	13.0	99	1154	1952	0	3366818	3000000	3749999
6	999108	3	10.0	76	1501	1116	1494	4369032	3750000	4499999
7	770441	2	7.0	83	1712	1403	0	5143584	4500000	5249999
8	574186	2	13.0	99	1105	1944	0	5720885	5250000	5999999
9	957778	1	12.0	88	1038	0	0	6681712	6000000	6749999
10	495920	2	16.0	68	1744	1723	0	7178670	6750000	7499999
11	857770	3	10.0	86	1173	1680	1710	8039907	7500000	8249999
12	294599	1	8.0	50	1061	0	0	8339069	8250000	8999999
13	739289	1	12.0	74	1905	0	0	9079419	9000000	9749999
14	783486	2	19.0	77	1466	1483	0	9864810	9750000	10499999
15	853925	3	12.0	72	1340	1772	1623	10721684	10500000	11249999
16	892103	3	10.0	81	1760	1117	1487	11618522	11250000	11999999

Total number of pulses in waveform = 31

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	377345	2	18.0	64	1147	1083	0	377345	0	1090908
2	1142252	2	14.0	55	1009	1508	0	1521827	1090909	2181817
3	746249	3	10.0	50	1782	1472	1744	2270593	2181818	3272726
4	1176002	1	16.0	61	1199	0	0	3451593	3272727	4363635
5	1423160	1	7.0	83	1729	0	0	4875952	4363636	5454544
6	1427158	1	19.0	53	1412	0	0	6304839	5454545	6545453
7	1158126	2	7.0	59	1317	1190	0	7464377	6545454	7636362
8	779660	1	6.0	50	1723	0	0	8246544	7636363	8727271
9	1153947	3	6.0	94	1086	1167	1510	9402214	8727272	9818180
10	461875	3	19.0	72	1291	1503	1902	9867852	9818181	10909089
11	1381297	1	9.0	79	1814	0	0	11253845	10909090	11999998

Total number of pulses in waveform = 20

Waveform Num = 27
 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	970300	1	11.0	71	1412	0	0	970300	0	999999
2	377373	1	17.0	95	1729	0	0	1349085	1000000	1999999
3	1399286	2	10.0	74	1956	1322	0	2750100	2000000	2999999
4	1126160	1	14.0	76	1203	0	0	3879538	3000000	3999999
5	493911	1	18.0	63	1318	0	0	4374652	4000000	4999999
6	1615990	3	16.0	91	1652	1328	1521	5991960	5000000	5999999
7	485599	3	6.0	90	1121	1059	1630	6482060	6000000	6999999
8	1018233	2	8.0	70	1273	1523	0	7504103	7000000	7999999
9	1224114	2	20.0	98	1089	1189	0	8731013	8000000	8999999
10	547632	3	7.0	87	1880	1773	1139	9280923	9000000	9999999
11	1480738	1	10.0	50	1567	0	0	10766453	10000000	10999999
12	328271	3	19.0	94	1804	1751	1801	11096291	11000000	11999999

Total number of pulses in waveform = 23

Random parameters Bin5

Waveform Num = 28
 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	402630	3	6.0	77	1942	1341	1410	402630	0	631578
2	599298	1	13.0	99	1595	0	0	1006621	631579	1263157
3	543683	1	14.0	70	1488	0	0	1551899	1263158	1894736
4	930723	2	20.0	84	1858	1344	0	2484110	1894737	2526315
5	514705	1	17.0	78	1976	0	0	3002017	2526316	3157894
6	638045	1	18.0	52	1138	0	0	3642038	3157895	3789473
7	403615	3	19.0	85	1950	1087	1823	4046791	3789474	4421052
8	525759	3	11.0	81	1503	1030	1816	4577410	4421053	5052631
9	1007814	3	9.0	60	1749	1987	1922	5589573	5052632	5684210
10	431032	3	12.0	56	1882	1072	1982	6026263	5684211	6315789
11	724628	1	9.0	93	1854	0	0	6755827	6315790	6947368
12	677339	2	19.0	86	1147	1300	0	7435020	6947369	7578947
13	270125	2	8.0	87	1446	1950	0	7707592	7578948	8210526
14	828362	1	15.0	93	1359	0	0	8539350	8210527	8842105
15	741959	3	14.0	53	1919	1901	1162	9282668	8842106	9473684
16	243286	2	5.0	84	1597	1508	0	9530936	9473685	10105263
17	587575	3	17.0	56	1041	1108	1194	10121616	10105264	10736842
18	925710	1	14.0	97	1116	0	0	11050669	10736843	11368421
19	914715	1	16.0	67	1187	0	0	11966500	11368422	12000000

Total number of pulses in waveform = 37

♀
 Waveform Num = 29
 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	303843	2	8.0	89	1191	1056	0	303843	0	923076
2	733390	3	18.0	56	1782	1223	1171	1039480	923077	1846153
3	1312900	1	19.0	55	1561	0	0	2356556	1846154	2769230
4	601051	1	14.0	93	1452	0	0	2959168	2769231	3692307
5	773873	3	15.0	57	1199	1621	1419	3734493	3692308	4615384
6	1183169	1	17.0	69	1754	0	0	4921901	4615385	5538461
7	935804	2	12.0	92	1813	1562	0	5859459	5538462	6461538
8	1475040	3	19.0	57	1993	1811	1459	7337874	6461539	7384615
9	426920	2	13.0	54	1843	1212	0	7770057	7384616	8307692
10	1400622	1	13.0	75	1571	0	0	9173734	8307693	9230769
11	220080	2	11.0	67	1408	1439	0	9395385	9230770	10153846
12	1159809	2	11.0	71	1118	1577	0	10558041	10153847	11076923
13	712673	3	17.0	54	1549	1351	1368	11273409	11076924	12000000

Total number of pulses in waveform = 26

♀
 Waveform Num = 30
 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	48875	1	13.0	78	1912	0	0	48875	0	631578

			Random parameters Bin5							
2	958103	1	10.0	64	1063	0	0	1008890	631579	1263157
3	429725	2	11.0	93	1822	1162	0	1439678	1263158	1894736
4	665893	1	20.0	50	1603	0	0	2108555	1894737	2526315
5	614304	3	5.0	59	1286	1488	1400	2724462	2526316	3157894
6	559874	1	14.0	64	1752	0	0	3288510	3157895	3789473
7	1011111	2	13.0	56	1373	1903	0	4301373	3789474	4421052
8	737165	2	15.0	92	1995	1946	0	5041814	4421053	5052631
9	364265	1	5.0	90	1796	0	0	5410020	5052632	5684210
10	432757	2	13.0	69	1430	1974	0	5844573	5684211	6315789
11	952532	3	7.0	71	1572	1152	1686	6800509	6315790	6947368
12	411611	3	19.0	78	1201	1853	1602	7216530	6947369	7578947
13	367269	3	14.0	92	1981	1929	1898	7588455	7578948	8210526
14	1082845	2	7.0	66	1382	1930	0	8677108	8210527	8842105
15	531037	1	20.0	64	1320	0	0	9211457	8842106	9473684
16	850035	1	7.0	80	1895	0	0	10062812	9473685	10105263
17	205591	2	15.0	65	1316	1978	0	10270298	10105264	10736842
18	931652	1	8.0	66	1955	0	0	11205244	10736843	11368421
19	483858	1	11.0	89	1535	0	0	11691057	11368422	12000000

Total number of pulses in waveform = 33

♀