

New3RandParmBin5

Random DFS waveform parameters (NewBin5) 21-May-2015 14:36:42

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	943321	3	7.0	57	1498	1674	1649	943321	0	1199999
2	716132	2	10.0	84	1372	1374	0	1664274	1200000	2399999
3	1065921	2	13.0	90	1690	1415	0	2732941	2400000	3599999
4	2015568	1	19.0	86	1472	0	0	4751614	3600000	4799999
5	557489	1	9.0	99	1054	0	0	5310575	4800000	5999999
6	1541131	2	20.0	55	1921	1343	0	6852760	6000000	7199999
7	897317	3	19.0	88	1431	1893	1898	7753341	7200000	8399999
8	1520275	1	16.0	55	1576	0	0	9278838	8400000	9599999
9	1232638	1	17.0	85	1294	0	0	10513052	9600000	10799999
10	1037731	2	17.0	62	1408	1920	0	11552077	10800000	11999999

Total number of pulses in waveform = 18

♀
 Waveform Num = 2
 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	506597	1	12.0	100	1610	0	0	506597	0	599999
2	525088	2	9.0	68	1554	1306	0	1033295	600000	1199999
3	692718	1	10.0	64	1038	0	0	1728873	1200000	1799999
4	439413	2	19.0	82	1873	1099	0	2169324	1800000	2399999

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5	442236	2	14.0	88	1401	1499	0	2614532	2400000	2999999
6	775789	1	5.0	58	1585	0	0	3393221	3000000	3599999
7	499005	2	9.0	67	1180	1679	0	3893811	3600000	4199999
8	899893	2	13.0	50	1316	1412	0	4796563	4200000	4799999
9	508737	2	10.0	61	1341	1717	0	5308028	4800000	5399999
10	413115	2	9.0	75	1163	1356	0	5724201	5400000	5999999
11	761431	1	17.0	68	1592	0	0	6488151	6000000	6599999
12	378125	1	8.0	76	1390	0	0	6867868	6600000	7199999
13	435431	3	19.0	91	1250	1737	1991	7304689	7200000	7799999
14	979235	1	16.0	88	1636	0	0	8288902	7800000	8399999
15	308966	2	6.0	80	1689	1951	0	8599504	8400000	8999999
16	731509	3	15.0	96	1156	1656	1911	9334653	9000000	9599999
17	681205	3	10.0	54	1248	1365	1286	10020581	9600000	10199999
18	477202	1	18.0	92	1747	0	0	10501682	10200000	10799999
19	306697	3	12.0	97	1030	1695	1604	10810126	10800000	11399999
20	1179602	3	9.0	77	1151	1601	1478	11994057	11400000	11999999

Total number of pulses in waveform = 38

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	626456	1	10.0	64	1784	0	0	626456	0	1499999
2	1150770	3	5.0	86	1906	1569	1930	1779010	1500000	2999999

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3	1659202	2	5.0	96	1590	1770	0	3443617	3000000	4499999	
4	1683403	2	13.0	72	1589	1875	0	5130380	4500000	5999999	
5	1152240	1	12.0	92	1620	0	0	6286084	6000000	7499999	
6	2453753	3	6.0	68	1407	1596	1612	8741457	7500000	8999999	
7	528242	1	14.0	77	1277	0	0	9274314	9000000	10499999	
8	2709921	1	8.0	97	1100	0	0	11985512	10500000	11999999	

Total number of pulses in waveform = 14

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	227799	1	9.0	56	1123	0	0	227799	0	599999
2	639829	3	11.0	97	1558	1158	1986	868751	600000	1199999
3	640154	3	17.0	97	1722	1039	1189	1513607	1200000	1799999
4	710512	2	9.0	83	1265	1517	0	2228069	1800000	2399999
5	685578	2	20.0	69	1609	1054	0	2916429	2400000	2999999
6	502892	1	16.0	70	1576	0	0	3421984	3000000	3599999
7	685517	2	5.0	79	1624	1032	0	4109077	3600000	4199999
8	673848	2	15.0	74	1744	1685	0	4785581	4200000	4799999
9	429329	2	13.0	83	1475	1308	0	5218339	4800000	5399999
10	627319	3	11.0	74	1915	1533	1835	5848441	5400000	5999999
11	323312	3	5.0	84	1374	1184	1019	6177036	6000000	6599999
12	622162	3	9.0	91	1858	1326	1031	6802775	6600000	7199999

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13	865252	3	16.0	69	1920	1867	1011	7672242	7200000	7799999
14	522605	2	11.0	85	1292	1733	0	8199645	7800000	8399999
15	579220	1	8.0	81	1771	0	0	8781890	8400000	8999999
16	624526	1	13.0	78	1333	0	0	9408187	9000000	9599999
17	612819	3	10.0	52	1510	1114	1937	10022339	9600000	10199999
18	614067	2	5.0	100	1699	1588	0	10640967	10200000	10799999
19	374820	2	19.0	60	1496	1928	0	11019074	10800000	11399999
20	841016	1	10.0	78	1369	0	0	11863514	11400000	11999999

Total number of pulses in waveform = 42

♀
 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	448348	2	14.0	70	1806	1841	0	448348	0	666666
2	812311	1	10.0	67	1353	0	0	1264306	666667	1333333
3	154972	1	20.0	55	1971	0	0	1420631	1333334	2000000
4	873758	2	11.0	95	1365	1843	0	2296360	2000001	2666667
5	943651	2	13.0	66	1253	1659	0	3243219	2666668	3333334
6	102388	3	5.0	78	1959	1410	1387	3348519	3333335	4000001
7	1251859	2	15.0	86	1407	1052	0	4605134	4000002	4666668
8	590672	1	17.0	58	1051	0	0	5198265	4666669	5333335
9	207852	3	10.0	88	1698	1940	1514	5407168	5333336	6000002
10	634259	2	19.0	79	1038	1837	0	6046579	6000003	6666669

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11	693320	3	8.0	76	1374	1545	1188	6742774	6666670	7333336
12	1203568	3	5.0	82	1053	1878	1739	7950449	7333337	8000003
13	305430	2	17.0	57	1808	1498	0	8260549	8000004	8666670
14	979074	2	9.0	53	1477	1819	0	9242929	8666671	9333337
15	570686	3	17.0	84	1135	1077	1971	9816911	9333338	10000004
16	625024	1	7.0	61	1084	0	0	10446118	10000005	10666671
17	681297	3	5.0	70	1498	1163	1323	11128499	10666672	11333338
18	656262	2	15.0	71	1731	1931	0	11788745	11333339	12000005

Total number of pulses in waveform = 38

♀
 Waveform Num = 6
 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	1237701	1	13.0	62	1296	0	0	1237701	0	1333332
2	180035	3	12.0	77	1660	1850	1438	1419032	1333333	2666665
3	1393222	3	18.0	61	1043	1396	1299	2817202	2666666	3999998
4	2098885	2	13.0	90	1175	1334	0	4919825	3999999	5333331
5	732733	1	13.0	90	1980	0	0	5655067	5333332	6666664
6	1880811	2	16.0	60	1185	1636	0	7537858	6666665	7999997
7	674559	1	13.0	89	1532	0	0	8215238	7999998	9333330
8	1423023	1	17.0	68	1717	0	0	9639793	9333331	10666663
9	2350829	1	16.0	89	1279	0	0	11992339	10666664	11999996

Total number of pulses in waveform = 15

♀

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Waveform Num = 7
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	572535	1	6.0	53	1375	0	0	572535	0	1499999
2	2010810	2	9.0	81	1356	1723	0	2584720	1500000	2999999
3	1831371	3	12.0	58	1106	1274	1483	4419170	3000000	4499999
4	98167	3	6.0	72	1658	1698	1057	4521200	4500000	5999999
5	2037732	2	5.0	61	1299	1649	0	6563345	6000000	7499999
6	2211069	3	15.0	96	1582	1906	1161	8777362	7500000	8999999
7	460123	2	16.0	54	1795	1138	0	9242134	9000000	10499999
8	1762973	1	17.0	84	1131	0	0	11008040	10500000	11999999

Total number of pulses in waveform = 17

♀
 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	726882	1	19.0	69	1642	0	0	726882	0	1199999
2	1025200	3	19.0	61	1205	1439	1521	1753724	1200000	2399999
3	1618719	2	16.0	72	1447	1419	0	3376608	2400000	3599999
4	761491	3	5.0	82	1080	1467	1367	4140965	3600000	4799999
5	991258	1	12.0	51	1642	0	0	5136137	4800000	5999999
6	1025036	1	5.0	52	1768	0	0	6162815	6000000	7199999
7	1594504	1	7.0	69	1025	0	0	7759087	7200000	8399999

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8	966134	1	13.0	56	1883	0	0	8726246	8400000	9599999
9	1897426	2	8.0	66	1124	1069	0	10625555	9600000	10799999
10	427521	3	19.0	86	1086	1241	1799	11055269	10800000	11999999

Total number of pulses in waveform = 18

♀
 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	703573	2	19.0	92	1464	1738	0	703573	0	1333332
2	1402559	3	18.0	56	1121	1041	1407	2109334	1333333	2666665
3	1789180	2	17.0	81	1922	1927	0	3902083	2666666	3999998
4	909059	3	7.0	89	1821	1208	1750	4814991	3999999	5333331
5	1302663	3	18.0	61	1792	1712	1614	6122433	5333332	6666664
6	1253096	3	12.0	52	1616	1782	1458	7380647	6666665	7999997
7	629580	2	14.0	76	1325	1100	0	8015083	7999998	9333330
8	2494689	2	15.0	68	1992	1442	0	10512197	9333331	10666663
9	767113	2	5.0	54	1108	1861	0	11282744	10666664	11999996

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	40000	2	10.0	75	1389	1553	0	40000	0	705881
2	771307	3	12.0	91	1988	1617	1309	814249	705882	1411763

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3	929435	2	14.0	71	1839	1486	0	1748598	1411764	2117645
4	972002	2	7.0	85	1441	1231	0	2723925	2117646	2823527
5	151115	1	8.0	55	1202	0	0	2877712	2823528	3529409
6	780737	1	17.0	54	1052	0	0	3659651	3529410	4235291
7	1269641	2	14.0	66	1776	1634	0	4930344	4235292	4941173
8	216329	2	17.0	65	1806	1906	0	5150083	4941174	5647055
9	637421	1	12.0	83	1962	0	0	5791216	5647056	6352937
10	1032712	3	6.0	100	1196	1766	1599	6825890	6352938	7058819
11	321469	1	11.0	93	1283	0	0	7151920	7058820	7764701
12	1111569	2	8.0	78	1439	1409	0	8264772	7764702	8470583
13	212186	1	14.0	85	1470	0	0	8479806	8470584	9176465
14	871654	3	11.0	77	1668	1350	1155	9352930	9176466	9882347
15	1139650	1	15.0	81	1776	0	0	10496753	9882348	10588229
16	692590	3	17.0	60	1451	1021	1599	11191119	10588230	11294111
17	128390	2	20.0	87	1469	1465	0	11323580	11294112	11999993

Total number of pulses in waveform = 32

♀
 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	898115	1	13.0	100	1473	0	0	898115	0	999999
2	267157	2	10.0	88	1275	1322	0	1166745	1000000	1999999
3	1321180	3	9.0	50	1675	1192	1461	2490522	2000000	2999999

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4	643462	1	6.0	73	1599	0	0	3138312	3000000	3999999
5	886691	1	5.0	77	1280	0	0	4026602	4000000	4999999
6	1850982	3	14.0	50	1233	1093	1485	5878864	5000000	5999999
7	1078085	3	20.0	86	1617	1645	1616	6960760	6000000	6999999
8	708689	3	15.0	98	1737	1723	1300	7674327	7000000	7999999
9	1097432	3	18.0	89	1696	1471	1555	8776519	8000000	8999999
10	1015976	3	15.0	69	1392	1670	1944	9797217	9000000	9999999
11	980519	2	7.0	76	1120	1561	0	10782742	10000000	10999999
12	604415	1	19.0	85	1810	0	0	11389838	11000000	11999999

Total number of pulses in waveform = 26

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	517277	1	15.0	84	1564	0	0	517277	0	999999
2	513051	2	9.0	51	1644	1718	0	1031892	1000000	1999999
3	1633341	3	20.0	90	1132	1773	1885	2668595	2000000	2999999
4	686783	1	7.0	84	1915	0	0	3360168	3000000	3999999
5	939455	1	15.0	56	1699	0	0	4301538	4000000	4999999
6	1609980	1	17.0	84	1287	0	0	5913217	5000000	5999999
7	147148	2	9.0	67	1024	1061	0	6061652	6000000	6999999
8	1380392	3	19.0	81	1088	1460	1734	7444129	7000000	7999999
9	1169183	1	12.0	58	1777	0	0	8617594	8000000	8999999

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10	685877	1	17.0	85	1751	0	0	9305248	9000000	9999999
11	1451956	3	19.0	94	1686	1659	1556	10758955	10000000	10999999
12	848040	1	12.0	98	1904	0	0	11611896	11000000	11999999

Total number of pulses in waveform = 20

♀
 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	105750	2	9.0	55	1256	1297	0	105750	0	923076
2	1463414	2	19.0	91	1905	1104	0	1571717	923077	1846153
3	377127	3	5.0	54	1907	1571	1206	1951853	1846154	2769230
4	1017453	1	8.0	82	1592	0	0	2973990	2769231	3692307
5	970112	1	10.0	79	1300	0	0	3945694	3692308	4615384
6	1448322	1	19.0	81	1214	0	0	5395316	4615385	5538461
7	586564	3	12.0	68	1281	1524	1389	5983094	5538462	6461538
8	1029766	1	16.0	60	1807	0	0	7017054	6461539	7384615
9	1262672	3	8.0	97	1576	1768	1388	8281533	7384616	8307692
10	570269	2	13.0	93	1544	1127	0	8856534	8307693	9230769
11	1061049	1	18.0	96	1407	0	0	9920254	9230770	10153846
12	1066425	3	15.0	58	1591	1729	1342	10988086	10153847	11076923
13	425086	1	19.0	50	1096	0	0	11417834	11076924	12000000

Total number of pulses in waveform = 24

♀
 Waveform Num = 14
 Num of Bursts = 18

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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	227237	3	15.0	85	1201	1532	1614	227237	0	666666
2	831535	3	5.0	85	1934	1398	1504	1063119	666667	1333333
3	415111	3	13.0	79	1474	1870	1438	1483066	1333334	2000000
4	879585	3	15.0	65	1469	1754	1562	2367433	2000001	2666667
5	499021	2	18.0	87	1581	1265	0	2871239	2666668	3333334
6	801728	1	7.0	65	1989	0	0	3675813	3333335	4000001
7	945329	2	19.0	99	1962	1652	0	4623131	4000002	4666668
8	324962	2	16.0	100	1702	1086	0	4951707	4666669	5333335
9	510870	3	10.0	99	1817	1166	1739	5465365	5333336	6000002
10	705562	2	14.0	58	1740	1244	0	6175649	6000003	6666669
11	1050520	1	9.0	89	1270	0	0	7229153	6666670	7333336
12	222566	2	10.0	96	1782	1885	0	7452989	7333337	8000003
13	711745	3	11.0	92	1714	1043	1017	8168401	8000004	8666670
14	1147658	1	5.0	67	1621	0	0	9319833	8666671	9333337
15	593231	2	11.0	85	1201	1513	0	9914685	9333338	10000004
16	218163	3	16.0	50	1025	1200	1763	10135562	10000005	10666671
17	1008490	1	9.0	64	1344	0	0	11148040	10666672	11333338
18	694878	1	17.0	79	1630	0	0	11844262	11333339	12000005

Total number of pulses in waveform = 38

♀
Waveform Num = 15
Num of Bursts = 18

New3RandParmBin5

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	147684	2	18.0	76	1704	1833	0	147684	0	666666
2	978331	2	8.0	59	1962	1141	0	1129552	666667	1333333
3	798245	2	20.0	69	1630	1405	0	1930900	1333334	2000000
4	153281	3	14.0	65	1739	1291	1673	2087216	2000001	2666667
5	1176670	2	15.0	82	1585	1513	0	3268589	2666668	3333334
6	357127	2	7.0	99	1230	1283	0	3628814	3333335	4000001
7	764624	3	8.0	50	1538	1489	1398	4395951	4000002	4666668
8	908213	1	18.0	69	1609	0	0	5308589	4666669	5333335
9	608315	1	19.0	100	1298	0	0	5918513	5333336	6000002
10	103165	3	14.0	95	1022	1278	1985	6022976	6000003	6666669
11	974781	3	7.0	94	1522	1786	1725	7002042	6666670	7333336
12	373851	1	13.0	80	1393	0	0	7380926	7333337	8000003
13	652908	1	8.0	94	1918	0	0	8035227	8000004	8666670
14	1136051	2	13.0	71	1808	1029	0	9173196	8666671	9333337
15	711224	1	5.0	72	1587	0	0	9887257	9333338	10000004
16	741465	3	8.0	85	1661	1258	1228	10630309	10000005	10666671
17	267917	1	6.0	95	1646	0	0	10902373	10666672	11333338
18	728044	3	11.0	50	1975	1597	1849	11632063	11333339	12000005

Total number of pulses in waveform = 36

♀
Waveform Num = 16
Num of Bursts = 14

New3RandParmBin5

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	150159	1	6.0	77	1308	0	0	150159	0	857142
2	1321792	2	8.0	80	1264	1905	0	1473259	857143	1714285
3	347734	1	19.0	73	1458	0	0	1824162	1714286	2571428
4	1385771	2	17.0	85	1208	1191	0	3211391	2571429	3428571
5	838823	1	9.0	64	1561	0	0	4052613	3428572	4285714
6	872909	1	8.0	56	1269	0	0	4927083	4285715	5142857
7	359957	2	13.0	59	1731	1988	0	5288309	5142858	6000000
8	1313409	3	8.0	75	1849	1210	1819	6605437	6000001	6857143
9	503936	2	5.0	87	1848	1169	0	7114251	6857144	7714286
10	1417099	2	20.0	99	1038	1791	0	8534367	7714287	8571429
11	727153	1	5.0	62	1848	0	0	9264349	8571430	9428572
12	884481	2	11.0	75	1186	1762	0	10150678	9428573	10285715
13	886656	2	8.0	75	1356	1116	0	11040282	10285716	11142858
14	793309	1	20.0	89	1642	0	0	11836063	11142859	12000001

Total number of pulses in waveform = 23

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	298113	3	8.0	80	1564	1545	1623	298113	0	705881
2	726461	3	20.0	77	1626	1011	1606	1029306	705882	1411763

New3RandParmBin5

3	993859	1	18.0	92	1490	0	0	2027408	1411764	2117645
4	290134	3	15.0	53	1571	1400	1654	2319032	2117646	2823527
5	709682	1	13.0	68	1896	0	0	3033339	2823528	3529409
6	1141470	3	14.0	92	1233	1919	1184	4176705	3529410	4235291
7	233452	2	15.0	51	1969	1577	0	4414493	4235292	4941173
8	685250	1	13.0	82	1902	0	0	5103289	4941174	5647055
9	1013408	3	16.0	56	1766	1084	1855	6118599	5647056	6352937
10	418217	3	18.0	89	1592	1378	1691	6541521	6352938	7058819
11	894505	3	14.0	91	1679	1794	1454	7440687	7058820	7764701
12	688403	2	10.0	93	1125	1268	0	8134017	7764702	8470583
13	680004	3	17.0	89	1166	1138	1565	8816414	8470584	9176465
14	490892	2	14.0	74	1411	1393	0	9311175	9176466	9882347
15	1224474	1	14.0	71	1296	0	0	10538453	9882348	10588229
16	565137	3	9.0	58	1779	1835	1888	11104886	10588230	11294111
17	239402	1	7.0	89	1842	0	0	11349790	11294112	11999993

Total number of pulses in waveform = 38

♀
 Waveform Num = 18
 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	892501	1	8.0	86	1429	0	0	892501	0	923076
2	491196	3	15.0	92	1295	1479	1203	1385126	923077	1846153
3	1254149	3	12.0	94	1821	1977	1702	2643252	1846154	2769230

New3RandParmBin5

4	265563	3	9.0	56	1093	1301	1753	2914315	2769231	3692307
5	777333	2	16.0	64	1049	1471	0	3695795	3692308	4615384
6	1828170	3	13.0	66	1702	1992	1570	5526485	4615385	5538461
7	233534	2	7.0	55	1624	1454	0	5765283	5538462	6461538
8	1334411	3	11.0	97	1357	1904	1275	7102772	6461539	7384615
9	880690	2	9.0	99	1609	1234	0	7987998	7384616	8307692
10	625391	2	20.0	87	1859	1413	0	8616232	8307693	9230769
11	675850	1	17.0	88	1906	0	0	9295354	9230770	10153846
12	882130	1	7.0	93	1688	0	0	10179390	10153847	11076923
13	1392184	2	20.0	57	1128	1861	0	11573262	11076924	12000000

Total number of pulses in waveform = 28

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	604724	1	12.0	71	1383	0	0	604724	0	666666
2	418438	1	6.0	90	1821	0	0	1024545	666667	1333333
3	599424	3	6.0	59	1804	1411	1127	1625790	1333334	2000000
4	651456	2	12.0	91	1729	1948	0	2281588	2000001	2666667
5	421680	3	11.0	58	1604	1062	1676	2706945	2666668	3333334
6	1086984	1	6.0	86	1723	0	0	3798271	3333335	4000001
7	807190	1	17.0	88	1733	0	0	4607184	4000002	4666668
8	256302	1	16.0	82	1929	0	0	4865219	4666669	5333335

New3RandParmBin5

9	1083079	2	8.0	55	1733	1245	0	5950227	5333336	6000002
10	323822	2	17.0	50	1831	1531	0	6277027	6000003	6666669
11	653720	1	5.0	58	1379	0	0	6934109	6666670	7333336
12	1057723	3	20.0	67	1436	1706	1736	7993211	7333337	8000003
13	485728	3	9.0	77	1578	1171	1721	8483817	8000004	8666670
14	662191	1	15.0	64	1544	0	0	9150478	8666671	9333337
15	348789	2	12.0	74	1936	1223	0	9500811	9333338	10000004
16	847201	3	18.0	52	1911	1794	1488	10351171	10000005	10666671
17	757300	2	18.0	55	1690	1595	0	11113664	10666672	11333338
18	517155	2	12.0	98	1745	1835	0	11634104	11333339	12000005

Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	322256	2	9.0	91	1123	1672	0	322256	0	799999
2	1039151	1	8.0	83	1870	0	0	1364202	800000	1599999
3	575580	3	16.0	72	1733	1428	1611	1941652	1600000	2399999
4	518640	3	17.0	67	1095	1133	1373	2465064	2400000	3199999
5	1307889	3	11.0	63	1988	1771	1694	3776554	3200000	3999999
6	645378	1	14.0	51	1311	0	0	4427385	4000000	4799999
7	982978	3	12.0	85	1177	1796	1198	5411674	4800000	5599999
8	287779	3	7.0	69	1807	1481	1940	5703624	5600000	6399999

						New3RandParmBin5				
9	1451993	3	9.0	66	1950	1091	1030	7160845	6400000	7199999
10	176489	2	16.0	85	1857	1975	0	7341405	7200000	7999999
11	1194794	2	5.0	86	1972	1205	0	8540031	8000000	8799999
12	694439	1	15.0	73	1421	0	0	9237647	8800000	9599999
13	893112	3	20.0	89	1408	1994	1693	10132180	9600000	10399999
14	313582	1	19.0	91	1405	0	0	10450857	10400000	11199999
15	820652	1	18.0	60	1104	0	0	11272914	11200000	11999999

Total number of pulses in waveform = 32

♀
 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	172425	2	7.0	99	1108	1493	0	172425	0	705881
2	1065697	3	17.0	63	1293	1454	1651	1240723	705882	1411763
3	326467	3	5.0	57	1358	1159	1360	1571588	1411764	2117645
4	1058029	1	8.0	82	1987	0	0	2633494	2117646	2823527
5	808900	3	9.0	69	1161	1342	1155	3444381	2823528	3529409
6	196069	1	10.0	77	1343	0	0	3644108	3529410	4235291
7	804062	1	17.0	86	1879	0	0	4449513	4235292	4941173
8	1049319	1	19.0	92	1043	0	0	5500711	4941174	5647055
9	227211	1	18.0	67	1105	0	0	5728965	5647056	6352937
10	946340	1	5.0	97	1358	0	0	6676410	6352938	7058819
11	918954	3	16.0	78	1957	1365	1773	7596722	7058820	7764701

						New3RandParmBin5				
12	500070	3	12.0	56	1907	1848	1600	8101887	7764702	8470583
13	405272	1	16.0	98	1839	0	0	8512514	8470584	9176465
14	1209886	3	8.0	50	1999	1580	1098	9724239	9176466	9882347
15	357619	3	13.0	88	1725	1351	1057	10086535	9882348	10588229
16	1134744	1	20.0	75	1617	0	0	11225412	10588230	11294111
17	531495	3	16.0	65	1932	1718	1407	11758524	11294112	11999993

Total number of pulses in waveform = 34

‡
 Waveform Num = 22
 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	459193	2	10.0	85	1012	1840	0	459193	0	666666
2	706341	2	6.0	58	1721	1637	0	1168386	666667	1333333
3	574685	2	17.0	97	1056	1227	0	1746429	1333334	2000000
4	288342	3	9.0	69	1148	1003	1580	2037054	2000001	2666667
5	1030571	1	16.0	97	1878	0	0	3071356	2666668	3333334
6	568312	3	18.0	82	1954	1762	1352	3641546	3333335	4000001
7	739671	2	9.0	57	1669	1655	0	4386285	4000002	4666668
8	538950	2	17.0	99	1929	1200	0	4928559	4666669	5333335
9	813704	3	15.0	59	1692	1731	1954	5745392	5333336	6000002
10	407537	3	12.0	85	1658	1541	1669	6158306	6000003	6666669
11	508787	2	5.0	90	1749	1502	0	6671961	6666670	7333336
12	697222	2	9.0	84	1734	1235	0	7372434	7333337	8000003

						New3RandParmBin5					
13	664851	1	14.0	93	1727	0	0	8040254	8000004	8666670	
14	924288	1	15.0	88	1081	0	0	8966269	8666671	9333337	
15	866251	1	9.0	93	1542	0	0	9833601	9333338	10000004	
16	229773	2	19.0	76	1077	1471	0	10064916	10000005	10666671	
17	788079	2	16.0	66	1713	1714	0	10855543	10666672	11333338	
18	864855	3	12.0	79	1671	1239	1950	11723825	11333339	12000005	

Total number of pulses in waveform = 37

‡
 Waveform Num = 23
 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	426210	2	17.0	75	1195	1893	0	426210	0	666666
2	532933	2	13.0	62	1434	1634	0	962231	666667	1333333
3	895765	1	8.0	98	1597	0	0	1861064	1333334	2000000
4	406670	3	14.0	62	1989	1561	1002	2269331	2000001	2666667
5	536857	1	11.0	50	1634	0	0	2810740	2666668	3333334
6	810091	2	16.0	68	1224	1497	0	3622465	3333335	4000001
7	582010	1	18.0	99	1686	0	0	4207196	4000002	4666668
8	713469	1	11.0	89	1672	0	0	4922351	4666669	5333335
9	670690	2	8.0	67	1177	1899	0	5594713	5333336	6000002
10	734519	1	19.0	75	1467	0	0	6332308	6000003	6666669
11	919551	1	20.0	93	1077	0	0	7253326	6666670	7333336
12	359189	3	7.0	60	1971	1551	1018	7613592	7333337	8000003

						New3RandParmBin5					
13	846550	3	7.0	63	1762	1146	1283	8464682	8000004	8666670	
14	834902	1	17.0	81	1576	0	0	9303775	8666671	9333337	
15	210574	1	14.0	55	1639	0	0	9515925	9333338	10000004	
16	838990	2	14.0	58	1120	1350	0	10356554	10000005	10666671	
17	419348	1	6.0	97	1551	0	0	10778372	10666672	11333338	
18	967505	1	14.0	55	1882	0	0	11747428	11333339	12000005	

Total number of pulses in waveform = 29

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	239319	3	9.0	63	1626	1039	1088	239319	0	705881
2	639413	3	12.0	89	1408	1761	1899	882485	705882	1411763
3	639667	3	6.0	90	1885	1376	1157	1527220	1411764	2117645
4	784427	3	12.0	93	1787	1574	1306	2316065	2117646	2823527
5	850956	2	16.0	95	1067	1155	0	3171688	2823528	3529409
6	722204	1	8.0	94	1167	0	0	3896114	3529410	4235291
7	814249	3	8.0	81	1505	1230	1143	4711530	4235292	4941173
8	301627	1	5.0	61	1768	0	0	5017035	4941174	5647055
9	1196732	2	16.0	57	1080	1905	0	6215535	5647056	6352937
10	719257	2	10.0	81	1673	1334	0	6937777	6352938	7058819
11	689985	1	10.0	91	1158	0	0	7630769	7058820	7764701
12	697658	3	20.0	55	1886	1761	1515	8329585	7764702	8470583

New3RandParmBin5

13	821068	1	13.0	67	1557	0	0	9155815	8470584	9176465
14	586501	3	15.0	74	1078	1883	1521	9743873	9176466	9882347
15	223469	2	11.0	97	1378	1946	0	9971824	9882348	10588229
16	703691	2	14.0	54	1786	1748	0	10678839	10588230	11294111
17	1138020	2	10.0	99	1329	1797	0	11820393	11294112	11999993

Total number of pulses in waveform = 37

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	775638	2	9.0	56	1168	1223	0	775638	0	857142
2	80622	2	19.0	82	1973	1169	0	858651	857143	1714285
3	872530	1	6.0	87	1259	0	0	1734323	1714286	2571428
4	1266282	3	8.0	78	1671	1092	1298	3001864	2571429	3428571
5	1206156	1	10.0	70	1505	0	0	4212081	3428572	4285714
6	587260	2	5.0	70	1057	1481	0	4800846	4285715	5142857
7	985414	3	13.0	57	1416	1169	1588	5788798	5142858	6000000
8	311378	2	9.0	66	1122	1109	0	6104349	6000001	6857143
9	992828	2	13.0	88	1646	1186	0	7099408	6857144	7714286
10	1307477	1	18.0	90	1091	0	0	8409717	7714287	8571429
11	179598	1	9.0	50	1728	0	0	8590406	8571430	9428572
12	1021437	1	16.0	97	1173	0	0	9613571	9428573	10285715
13	1352258	2	7.0	99	1323	1693	0	10967002	10285716	11142858

New3RandParmBin5

14 706075 1 11.0 65 1089 0 0 11676093 11142859 12000001
 Total number of pulses in waveform = 24

♀
 Waveform Num = 26
 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	672897	2	12.0	83	1128	1461	0	672897	0	799999
2	567154	2	11.0	79	1089	1942	0	1242640	800000	1599999
3	872049	2	9.0	99	1863	1106	0	2117720	1600000	2399999
4	555796	2	9.0	86	1977	1280	0	2676485	2400000	3199999
5	1205784	2	9.0	98	1283	1723	0	3885526	3200000	3999999
6	783925	1	8.0	58	1524	0	0	4672457	4000000	4799999
7	253643	3	7.0	78	1044	1860	1477	4927624	4800000	5599999
8	995759	3	6.0	56	1326	2000	1064	5927764	5600000	6399999
9	759523	1	17.0	99	1782	0	0	6691677	6400000	7199999
10	1012488	2	13.0	57	1602	1369	0	7705947	7200000	7999999
11	570113	2	8.0	91	1386	1434	0	8279031	8000000	8799999
12	1266376	2	7.0	78	1044	1205	0	9548227	8800000	9599999
13	497394	2	20.0	78	1085	1188	0	10047870	9600000	10399999
14	588579	3	11.0	89	1961	1639	1328	10638722	10400000	11199999
15	748061	2	13.0	77	1059	1992	0	11391711	11200000	11999999

Total number of pulses in waveform = 31

♀
 Waveform Num = 27
 Num of Bursts = 15

New3RandParmBin5

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	96207	2	11.0	99	1339	1468	0	96207	0	799999
2	1418917	3	8.0	75	1366	1085	1927	1517931	800000	1599999
3	781164	3	8.0	81	1592	1396	1383	2303473	1600000	2399999
4	857866	1	18.0	94	1538	0	0	3165710	2400000	3199999
5	607220	2	10.0	67	1470	1920	0	3774468	3200000	3999999
6	606860	1	5.0	98	1268	0	0	4384718	4000000	4799999
7	1107171	2	12.0	90	1509	1748	0	5493157	4800000	5599999
8	640444	1	16.0	90	1398	0	0	6136858	5600000	6399999
9	302056	1	20.0	84	1948	0	0	6440312	6400000	7199999
10	1335158	1	9.0	84	1159	0	0	7777418	7200000	7999999
11	746395	2	8.0	62	1831	1267	0	8524972	8000000	8799999
12	423848	2	8.0	87	1716	1479	0	8951918	8800000	9599999
13	746279	3	19.0	94	1240	1814	1323	9701392	9600000	10399999
14	1252551	2	18.0	80	1996	1769	0	10958320	10400000	11199999
15	865312	2	16.0	95	1522	1327	0	11827397	11200000	11999999

Total number of pulses in waveform = 28

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	185671	1	5.0	84	1189	0	0	185671	0	1499999

New3RandParmBin5										
2	2752483	1	12.0	50	1861	0	0	2939343	1500000	2999999
3	622782	2	8.0	81	1555	1156	0	3563986	3000000	4499999
4	2280882	1	12.0	87	1109	0	0	5847579	4500000	5999999
5	386728	1	13.0	88	1356	0	0	6235416	6000000	7499999
6	1888027	1	8.0	70	1895	0	0	8124799	7500000	8999999
7	2299867	3	10.0	89	1627	1566	1748	10426561	9000000	10499999
8	1465761	3	12.0	71	1410	1048	1550	11897263	10500000	11999999

Total number of pulses in waveform = 13

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	310980	3	8.0	91	1573	1387	1737	310980	0	1333332
2	2230062	1	13.0	62	1240	0	0	2545739	1333333	2666665
3	644543	2	19.0	84	1076	1675	0	3191522	2666666	3999998
4	1998402	1	11.0	72	1922	0	0	5192675	3999999	5333331
5	1184655	3	6.0	95	1812	1464	1358	6379252	5333332	6666664
6	878886	1	5.0	73	1847	0	0	7262772	6666665	7999997
7	1924486	3	13.0	88	1030	1570	1523	9189105	7999998	9333330
8	278088	1	12.0	60	1341	0	0	9471316	9333331	10666663
9	2327498	2	14.0	50	1403	1383	0	11800155	10666664	11999996

Total number of pulses in waveform = 17

♀
 Waveform Num = 30
 Num of Bursts = 8

New3RandParmBin5

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	63618	1	16.0	70	1779	0	0	63618	0	1499999
2	2240207	3	14.0	79	1315	1719	1683	2305604	1500000	2999999
3	2164317	2	9.0	94	1941	1757	0	4474638	3000000	4499999
4	29795	3	11.0	54	1180	1625	1598	4508131	4500000	5999999
5	2120936	3	20.0	88	1981	1172	1688	6633470	6000000	7499999
6	1221865	1	12.0	65	1130	0	0	7860176	7500000	8999999
7	2269642	3	13.0	52	1432	1867	1783	10130948	9000000	10499999
8	1383490	2	13.0	85	1091	1900	0	11519520	10500000	11999999

Total number of pulses in waveform = 18

♀

New3RandParmBin5

Random DFS waveform parameters (NewBin5) 21-May-2015 14:39:40

Waveform Num = 1
 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	69362	3	12.0	79	1148	1253	1031	69362	0	857142
2	1531518	3	19.0	70	1521	1028	1445	1604312	857143	1714285
3	452911	3	18.0	89	1215	1697	1167	2061217	1714286	2571428
4	807143	1	14.0	89	1397	0	0	2872439	2571429	3428571
5	988930	1	8.0	76	1154	0	0	3862766	3428572	4285714
6	999061	3	12.0	63	1306	1047	1728	4862981	4285715	5142857
7	1130396	1	20.0	77	1752	0	0	5997458	5142858	6000000
8	468677	1	8.0	89	1248	0	0	6467887	6000001	6857143
9	777862	2	20.0	69	1416	1421	0	7246997	6857144	7714286
10	503640	3	10.0	76	1218	1315	1276	7753474	7714287	8571429
11	1369085	3	11.0	66	1727	1433	1975	9126368	8571430	9428572
12	684091	2	12.0	74	1315	1443	0	9815594	9428573	10285715
13	860320	2	17.0	93	1590	1325	0	10678672	10285716	11142858
14	689088	3	17.0	77	1496	1162	1019	11370675	11142859	12000001

Total number of pulses in waveform = 31

♀

Waveform Num = 2
 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	103613	2	14.0	62	1976	1678	0	103613	0	599999
2	508227	1	18.0	79	1582	0	0	615494	600000	1199999

New3RandParmBin5

3	1148409	1	5.0	88	1393	0	0	1765485	1200000	1799999
4	621803	3	19.0	98	1057	1790	1536	2388681	1800000	2399999
5	111590	1	5.0	86	1322	0	0	2504654	2400000	2999999
6	993985	1	16.0	63	1440	0	0	3499961	3000000	3599999
7	189749	3	16.0	65	1279	1313	1118	3691150	3600000	4199999
8	1035758	1	10.0	100	1624	0	0	4730618	4200000	4799999
9	108440	3	13.0	82	1465	1733	1673	4840682	4800000	5399999
10	649555	3	16.0	65	1968	1476	1639	5495108	5400000	5999999
11	722383	2	15.0	54	1339	1834	0	6222574	6000000	6599999
12	400948	3	12.0	73	1022	1733	1330	6626695	6600000	7199999
13	1137808	2	11.0	95	1426	1295	0	7768588	7200000	7799999
14	561444	1	19.0	61	1785	0	0	8332753	7800000	8399999
15	656118	3	11.0	63	1505	1483	1323	8990656	8400000	8999999
16	72843	1	12.0	72	1174	0	0	9067810	9000000	9599999
17	1104259	2	11.0	98	1659	2000	0	10173243	9600000	10199999
18	275038	2	7.0	78	1583	1504	0	10451940	10200000	10799999
19	499159	1	17.0	67	1688	0	0	10954186	10800000	11399999
20	750075	2	5.0	77	1325	1599	0	11705949	11400000	11999999

Total number of pulses in waveform = 38

♀
 Waveform Num = 3
 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	65878	1	13.0	72	1486	0	0	65878	0	1199999
2	1501529	3	11.0	53	1548	1194	1273	1568893	1200000	2399999

New3RandParmBin5

3	1002068	2	18.0	86	1936	1335	0	2574976	2400000	3599999
4	1756026	2	15.0	77	1182	1696	0	4334273	3600000	4799999
5	1208935	2	6.0	85	1939	1949	0	5546086	4800000	5999999
6	1515285	1	15.0	75	1876	0	0	7065259	6000000	7199999
7	177532	2	12.0	88	1485	1446	0	7244667	7200000	8399999
8	1466308	3	8.0	63	1168	1419	1693	8713906	8400000	9599999
9	2000395	1	5.0	89	1660	0	0	10718581	9600000	10799999
10	398892	1	10.0	78	1450	0	0	11119133	10800000	11999999

Total number of pulses in waveform = 18

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	302040	1	9.0	68	1327	0	0	302040	0	1199999
2	1114702	2	16.0	59	1902	1416	0	1418069	1200000	2399999
3	1183710	3	13.0	100	1914	1013	1274	2605097	2400000	3599999
4	1703771	3	9.0	95	1411	1746	1762	4313069	3600000	4799999
5	1204853	1	9.0	88	1707	0	0	5522841	4800000	5999999
6	722010	2	5.0	67	1531	1947	0	6246558	6000000	7199999
7	1135032	1	7.0	92	1119	0	0	7385068	7200000	8399999
8	1625495	1	16.0	96	1166	0	0	9011682	8400000	9599999
9	1363172	1	13.0	87	1469	0	0	10376020	9600000	10799999
10	602345	3	16.0	83	1642	1562	1473	10979834	10800000	11999999

Total number of pulses in waveform = 18

♀
 Waveform Num = 5
 Num of Bursts = 10

New3RandParmBin5

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	303364	1	17.0	80	1569	0	0	303364	0	1199999
2	1264998	3	16.0	90	1790	1482	1686	1569931	1200000	2399999
3	837577	3	6.0	100	1106	1879	1309	2412466	2400000	3599999
4	2218672	1	13.0	81	1005	0	0	4635432	3600000	4799999
5	937801	1	19.0	73	1004	0	0	5574238	4800000	5999999
6	517479	3	11.0	84	1191	1965	1313	6092721	6000000	7199999
7	2001596	2	8.0	54	1186	1586	0	8098786	7200000	8399999
8	793273	1	18.0	98	1797	0	0	8894831	8400000	9599999
9	1466416	2	8.0	62	1365	1810	0	10363044	9600000	10799999
10	1330379	2	12.0	94	1436	1773	0	11696598	10800000	11999999

Total number of pulses in waveform = 19

Waveform Num = 6
 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	767316	1	16.0	63	1776	0	0	767316	0	1333332
2	820419	1	7.0	54	1459	0	0	1589511	1333333	2666665
3	1198034	1	8.0	67	1278	0	0	2789004	2666666	3999998
4	2424783	3	9.0	77	1316	1142	1118	5215065	3999999	5333331
5	1283362	1	13.0	94	1780	0	0	6502003	5333332	6666664
6	593655	1	18.0	100	1575	0	0	7097438	6666665	7999997
7	2142219	3	19.0	58	1426	1844	1317	9241232	7999998	9333330
8	142383	1	10.0	75	1747	0	0	9388202	9333331	10666663

New3RandParmBin5

9 2276508 3 7.0 90 1325 1841 1193 11666457 10666664 11999996
 Total number of pulses in waveform = 15

♀
 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	1047208	2	17.0	68	1444	1293	0	1047208	0	1090908
2	891776	2	15.0	63	1044	1252	0	1941721	1090909	2181817
3	1264411	1	19.0	56	1103	0	0	3208428	2181818	3272726
4	617155	3	9.0	92	1208	1048	1129	3826686	3272727	4363635
5	912191	1	14.0	79	1459	0	0	4742262	4363636	5454544
6	1395874	2	6.0	71	1277	1790	0	6139595	5454545	6545453
7	1066596	2	7.0	65	1101	1948	0	7209258	6545454	7636362
8	468151	2	19.0	66	1752	1061	0	7680458	7636363	8727271
9	1742909	2	6.0	61	1448	1984	0	9426180	8727272	9818180
10	1122834	2	13.0	52	1141	1641	0	10552446	9818181	10909089
11	878237	3	15.0	80	1942	1592	1463	11433465	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	655394	2	20.0	50	1486	1228	0	655394	0	666666
2	407218	2	10.0	97	1136	1078	0	1065326	666667	1333333
3	832851	3	11.0	63	1281	1059	1580	1900391	1333334	2000000
4	168223	3	14.0	88	1334	1099	1366	2072534	2000001	2666667

New3RandParmBin5

5	850091	3	20.0	60	1908	1482	1295	2926424	2666668	3333334
6	418251	1	20.0	93	1096	0	0	3349360	3333335	4000001
7	701879	1	7.0	87	1227	0	0	4052335	4000002	4666668
8	831556	2	16.0	68	1449	1581	0	4885118	4666669	5333335
9	581814	3	19.0	84	1828	1386	1374	5469962	5333336	6000002
10	654393	1	6.0	94	1203	0	0	6128943	6000003	6666669
11	809644	3	9.0	77	1747	1265	1205	6939790	6666670	7333336
12	711466	2	13.0	100	1344	1601	0	7655473	7333337	8000003
13	901802	3	11.0	87	1292	1276	1774	8560220	8000004	8666670
14	694466	2	18.0	61	1639	1485	0	9259028	8666671	9333337
15	303542	1	5.0	51	1942	0	0	9565694	9333338	10000004
16	1002769	1	18.0	51	1238	0	0	10570405	10000005	10666671
17	499527	3	9.0	64	1678	1177	1255	11071170	10666672	11333338
18	419613	3	8.0	55	1960	1880	1219	11494893	11333339	12000005

Total number of pulses in waveform = 39

♀

Waveform Num = 9

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	588210	1	10.0	65	1758	0	0	588210	0	631578
2	112752	3	13.0	73	1251	1227	1017	702720	631579	1263157
3	995893	1	6.0	98	1863	0	0	1702108	1263158	1894736
4	324240	1	5.0	100	1410	0	0	2028211	1894737	2526315
5	1040575	2	6.0	54	1651	1240	0	3070196	2526316	3157894
6	546519	1	16.0	71	1801	0	0	3619606	3157895	3789473

New3RandParmBin5

7	261776	2	6.0	99	1542	1799	0	3883183	3789474	4421052
8	747864	3	5.0	77	1300	1125	1933	4634388	4421053	5052631
9	708909	2	12.0	94	1301	1036	0	5347655	5052632	5684210
10	838625	1	13.0	75	1047	0	0	6188617	5684211	6315789
11	316383	1	20.0	83	1202	0	0	6506047	6315790	6947368
12	459932	1	16.0	60	1449	0	0	6967181	6947369	7578947
13	758228	1	17.0	83	1961	0	0	7726858	7578948	8210526
14	742116	2	19.0	78	1563	1885	0	8470935	8210527	8842105
15	890692	3	19.0	57	1726	1802	1340	9365075	8842106	9473684
16	138966	1	7.0	90	1285	0	0	9508909	9473685	10105263
17	871120	1	20.0	86	1510	0	0	10381314	10105264	10736842
18	551369	2	8.0	90	1065	1702	0	10934193	10736843	11368421
19	709804	1	8.0	60	1383	0	0	11646764	11368422	12000000

Total number of pulses in waveform = 30

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	306539	2	7.0	100	1824	1180	0	306539	0	705881
2	1045409	2	14.0	85	1321	1434	0	1354952	705882	1411763
3	535776	3	7.0	73	1238	1028	1834	1893483	1411764	2117645
4	843457	3	12.0	62	1231	1891	1196	2741040	2117646	2823527
5	657067	2	19.0	76	1646	1095	0	3402425	2823528	3529409
6	691742	1	9.0	80	1569	0	0	4096908	3529410	4235291
7	787085	2	8.0	65	1521	1258	0	4885562	4235292	4941173

New3RandParmBin5

8	506969	2	11.0	95	1939	1224	0	5395310	4941174	5647055
9	294649	2	20.0	52	1586	1316	0	5693122	5647056	6352937
10	1271222	3	11.0	63	1408	1075	1375	6967246	6352938	7058819
11	761743	1	6.0	66	1215	0	0	7732847	7058820	7764701
12	414098	3	19.0	86	1814	1827	1579	8148160	7764702	8470583
13	592846	3	11.0	55	1581	1704	1013	8746226	8470584	9176465
14	958708	2	10.0	75	1540	1474	0	9709232	9176466	9882347
15	390787	2	9.0	69	1758	1983	0	10103033	9882348	10588229
16	851640	3	12.0	69	1973	1395	1741	10958414	10588230	11294111
17	921482	2	13.0	74	1660	1503	0	11885005	11294112	11999993

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	519416	3	14.0	57	1915	1286	1175	519416	0	999999
2	1261936	1	8.0	73	1217	0	0	1785728	1000000	1999999
3	819056	3	14.0	84	1024	1351	1805	2606001	2000000	2999999
4	400510	2	14.0	90	1549	1421	0	3010691	3000000	3999999
5	1132636	3	12.0	52	1682	1506	1442	4146297	4000000	4999999
6	1813261	2	13.0	65	1053	1878	0	5964188	5000000	5999999
7	993924	2	10.0	95	1983	1353	0	6961043	6000000	6999999
8	556924	2	15.0	81	1441	1076	0	7521303	7000000	7999999
9	900363	1	11.0	51	1866	0	0	8424183	8000000	8999999
10	1013267	2	11.0	92	1542	1644	0	9439316	9000000	9999999

New3RandParmBin5

11	602951	2	8.0	100	1358	1111	0	10045453	10000000	10999999
12	1220691	3	9.0	58	1672	1056	1463	11268613	11000000	11999999

Total number of pulses in waveform = 26

♀

Waveform Num = 12

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	623272	1	12.0	94	1896	0	0	623272	0	631578
2	424756	2	14.0	93	1881	1975	0	1049924	631579	1263157
3	762809	3	7.0	61	1858	1164	1957	1816589	1263158	1894736
4	557747	3	19.0	65	1635	1054	1666	2379315	1894737	2526315
5	549567	3	20.0	91	1224	1010	1021	2933237	2526316	3157894
6	813223	2	13.0	61	1047	1969	0	3749715	3157895	3789473
7	495199	1	14.0	51	1349	0	0	4247930	3789474	4421052
8	586647	1	11.0	58	1323	0	0	4835926	4421053	5052631
9	418780	1	16.0	69	1781	0	0	5256029	5052632	5684210
10	639276	2	6.0	58	1318	1134	0	5897086	5684211	6315789
11	901013	2	6.0	84	1433	1019	0	6800551	6315790	6947368
12	368871	1	11.0	58	1157	0	0	7171874	6947369	7578947
13	908907	3	5.0	87	1492	1461	1967	8081938	7578948	8210526
14	526620	3	14.0	88	1905	1448	1691	8613478	8210527	8842105
15	817384	2	17.0	51	1573	1260	0	9435906	8842106	9473684
16	341227	3	6.0	83	1589	1542	1479	9779966	9473685	10105263
17	370614	1	5.0	90	1033	0	0	10155190	10105264	10736842
18	1174362	2	8.0	80	1192	1873	0	11330585	10736843	11368421

New3RandParmBin5

19 65264 1 12.0 72 1162 0 0 11398914 11368422 12000000
 Total number of pulses in waveform = 37

‡
 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	873014	2	16.0	56	1665	1997	0	873014	0	1499999
2	672109	2	16.0	52	1946	1006	0	1548785	1500000	2999999
3	1461174	3	15.0	83	1017	1976	1212	3012911	3000000	4499999
4	2773251	2	9.0	100	1844	1938	0	5790367	4500000	5999999
5	1061620	3	19.0	59	1595	1215	1340	6855769	6000000	7499999
6	2083895	2	11.0	56	1251	1983	0	8943814	7500000	8999999
7	512455	2	9.0	89	1156	1411	0	9459503	9000000	10499999
8	1317995	1	12.0	68	1058	0	0	10780065	10500000	11999999

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	674350	2	9.0	94	1144	1145	0	674350	0	1333332
2	1567060	1	6.0	95	1624	0	0	2243699	1333333	2666665
3	1415406	3	15.0	93	1223	1380	1975	3660729	2666666	3999998
4	1206298	3	19.0	65	1473	1260	1360	4871605	3999999	5333331
5	1614337	2	6.0	51	1264	1566	0	6490035	5333332	6666664
6	986780	3	17.0	59	1224	1848	1133	7479645	6666665	7999997
7	1114210	1	8.0	95	1665	0	0	8598060	7999998	9333330

New3RandParmBin5

8 908424 3 16.0 67 1352 1345 1617 9508149 9333331 10666663
 9 1692514 2 11.0 90 1956 1486 0 11204977 10666664 11999996

Total number of pulses in waveform = 20

♀

Waveform Num = 15
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	1231937									
1	1108120	2	20.0	79	1902	1611	0	1231937	0	1499999
2	1892421	1	5.0	73	1069	0	0	2343570	1500000	2999999
3	428902	2	7.0	78	1753	1386	0	4237060	3000000	4499999
4	2118192	2	7.0	97	1766	1890	0	4669101	4500000	5999999
5	975570	3	19.0	99	1999	1532	1904	6790949	6000000	7499999
6	1251555	2	16.0	83	1890	1057	0	7771954	7500000	8999999
7	1552727	3	13.0	65	1512	1599	1189	9026456	9000000	10499999
8		2	7.0	74	1143	1408	0	10583483	10500000	11999999

Total number of pulses in waveform = 17

♀

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)
	320208									
1	787124	3	18.0	68	1328	1070	1338	320208	0	749999
2	924735	2	12.0	100	1959	1939	0	1111068	750000	1499999
3	330602	1	12.0	52	1293	0	0	2039701	1500000	2249999
4	797376	1	16.0	51	1654	0	0	2371596	2250000	2999999
5	783376	3	5.0	54	1763	1279	1405	3170626	3000000	3749999
6		2	17.0	99	1153	1380	0	3958449	3750000	4499999

New3RandParmBin5

7	797084	1	19.0	83	1923	0	0	4758066	4500000	5249999
8	654655	3	20.0	73	1027	1061	1803	5414644	5250000	5999999
9	825519	3	9.0	72	1817	1420	1059	6244054	6000000	6749999
10	1206352	3	20.0	72	1021	1568	1804	7454702	6750000	7499999
11	268778	1	15.0	92	1168	0	0	7727873	7500000	8249999
12	800828	2	6.0	100	1538	1903	0	8529869	8250000	8999999
13	853595	1	17.0	100	1324	0	0	9386905	9000000	9749999
14	496995	3	8.0	53	1145	1561	1913	9885224	9750000	10499999
15	1039291	1	8.0	64	1770	0	0	10929134	10500000	11249999
16	975986	3	10.0	86	1589	1298	1557	11906890	11250000	11999999

Total number of pulses in waveform = 33

♀
 Waveform Num = 17
 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	592799	3	14.0	69	1119	1245	1856	592799	0	923076
2	915149	1	9.0	87	1319	0	0	1512168	923077	1846153
3	380344	3	16.0	57	1872	1740	1456	1893831	1846154	2769230
4	937315	1	14.0	76	1926	0	0	2836214	2769231	3692307
5	1578641	1	6.0	91	1472	0	0	4416781	3692308	4615384
6	908714	1	20.0	51	1624	0	0	5326967	4615385	5538461
7	661912	2	15.0	82	1968	1240	0	5990503	5538462	6461538
8	1300502	1	13.0	52	1223	0	0	7294213	6461539	7384615
9	215197	3	12.0	87	1541	1087	1047	7510633	7384616	8307692
10	1267860	1	6.0	80	1226	0	0	8782168	8307693	9230769

New3RandParmBin5

11	765856	2	8.0	96	1168	1751	0	9549250	9230770	10153846
12	1287689	3	13.0	90	1333	1803	1523	10839858	10153847	11076923
13	596950	1	12.0	73	1418	0	0	11441467	11076924	12000000

Total number of pulses in waveform = 23

♀
 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	506451	1	14.0	60	1658	0	0	506451	0	799999
2	720445	2	19.0	95	1568	1160	0	1228554	800000	1599999
3	551253	1	19.0	83	1995	0	0	1782535	1600000	2399999
4	744500	3	17.0	79	1630	1908	1143	2529030	2400000	3199999
5	1407280	2	11.0	62	1675	1632	0	3940991	3200000	3999999
6	288063	1	7.0	70	1767	0	0	4232361	4000000	4799999
7	1317113	2	7.0	56	1748	1668	0	5551241	4800000	5599999
8	435886	1	15.0	52	1644	0	0	5990543	5600000	6399999
9	943738	2	20.0	63	1044	1466	0	6935925	6400000	7199999
10	540531	3	5.0	82	1483	1656	1542	7478966	7200000	7999999
11	851608	1	10.0	90	1505	0	0	8335255	8000000	8799999
12	1126660	1	11.0	67	1426	0	0	9463420	8800000	9599999
13	359417	1	7.0	90	1782	0	0	9824263	9600000	10399999
14	1151422	2	6.0	70	1869	1711	0	10977467	10400000	11199999
15	331397	3	7.0	87	1553	1035	1572	11312444	11200000	11999999

Total number of pulses in waveform = 26

♀
 Waveform Num = 19
 Num of Bursts = 14

New3RandParmBin5

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	515143	2	15.0	57	1466	1157	0	515143	0	857142
2	753324	3	12.0	92	1516	1907	1681	1271090	857143	1714285
3	962854	3	7.0	56	1473	1494	1872	2239048	1714286	2571428
4	672939	3	15.0	89	1859	1469	1400	2916826	2571429	3428571
5	1328210	2	12.0	51	1302	1834	0	4249764	3428572	4285714
6	247543	2	19.0	94	1599	1940	0	4500443	4285715	5142857
7	805598	1	13.0	76	1126	0	0	5309580	5142858	6000000
8	1358697	2	20.0	83	1000	1637	0	6669403	6000001	6857143
9	875581	3	18.0	78	1880	1762	1847	7547621	6857144	7714286
10	529159	1	11.0	56	1344	0	0	8082269	7714287	8571429
11	1304807	2	7.0	95	1094	1598	0	9388420	8571430	9428572
12	466115	3	6.0	59	1291	1659	1658	9857227	9428573	10285715
13	763252	1	5.0	70	1872	0	0	10625087	10285716	11142858
14	940675	1	10.0	70	1662	0	0	11567634	11142859	12000001

Total number of pulses in waveform = 29

‡

Waveform Num = 20

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	389181	2	6.0	92	1598	1695	0	389181	0	1199999
2	1272327	1	19.0	70	1131	0	0	1664801	1200000	2399999
3	1818072	1	12.0	64	1172	0	0	3484004	2400000	3599999
4	1209601	2	12.0	87	1512	1184	0	4694777	3600000	4799999

New3RandParmBin5

5	372089	3	20.0	72	1542	1022	1947	5069562	4800000	5999999
6	1517753	2	8.0	60	1683	1701	0	6591826	6000000	7199999
7	1269866	1	9.0	90	1994	0	0	7865076	7200000	8399999
8	927935	3	11.0	100	1838	1886	1250	8795005	8400000	9599999
9	1064430	1	9.0	80	1131	0	0	9864409	9600000	10799999
10	1423602	3	11.0	82	1623	1095	1056	11289142	10800000	11999999

Total number of pulses in waveform = 19

♀
 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	651977	2	10.0	80	1681	1368	0	651977	0	1333332
2	1160823	1	15.0	100	1760	0	0	1815849	1333333	2666665
3	1591745	2	8.0	85	1794	1903	0	3409354	2666666	3999998
4	1836658	1	17.0	99	1389	0	0	5249709	3999999	5333331
5	760783	3	9.0	53	1826	1562	1493	6011881	5333332	6666664
6	1325982	1	16.0	62	1015	0	0	7342744	6666665	7999997
7	811765	2	15.0	92	1203	1461	0	8155524	7999998	9333330
8	1263426	3	7.0	66	1995	1540	1558	9421614	9333331	10666663
9	1548852	2	18.0	73	1598	1011	0	10975559	10666664	11999996

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	760352	1	19.0	86	1048	0	0	760352	0	999999

New3RandParmBin5

2	255466	2	16.0	67	1499	1469	0	1016866	1000000	1999999
3	1457103	3	13.0	69	1861	1601	1235	2476937	2000000	2999999
4	1034438	2	9.0	100	1787	1671	0	3516072	3000000	3999999
5	1101543	2	6.0	75	1876	1492	0	4621073	4000000	4999999
6	750499	3	15.0	88	1566	1229	1576	5374940	5000000	5999999
7	747516	1	11.0	81	1506	0	0	6126827	6000000	6999999
8	1591732	1	11.0	63	1099	0	0	7720065	7000000	7999999
9	786940	3	14.0	65	1289	1977	1951	8508104	8000000	8999999
10	1153892	2	6.0	84	1418	1145	0	9667213	9000000	9999999
11	1290142	2	12.0	77	1375	1515	0	10959918	10000000	10999999
12	865511	2	6.0	74	1478	1548	0	11828319	11000000	11999999

Total number of pulses in waveform = 24

♀
 Waveform Num = 23
 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	41156	1	10.0	79	1328	0	0	41156	0	666666
2	910273	3	7.0	71	1086	1923	1168	952757	666667	1333333
3	480896	1	11.0	90	1015	0	0	1437830	1333334	2000000
4	1055899	1	11.0	93	1547	0	0	2494744	2000001	2666667
5	599457	3	18.0	72	1992	1348	1947	3095748	2666668	3333334
6	462106	1	8.0	76	1071	0	0	3563141	3333335	4000001
7	474020	1	14.0	88	1443	0	0	4038232	4000002	4666668
8	647607	2	19.0	72	1102	1664	0	4687282	4666669	5333335
9	1041826	1	11.0	60	1741	0	0	5731874	5333336	6000002

New3RandParmBin5

10	760880	1	5.0	89	1033	0	0	6494495	6000003	6666669
11	388130	3	19.0	100	1958	1187	1340	6883658	6666670	7333336
12	596088	1	9.0	62	1003	0	0	7484231	7333337	8000003
13	565892	1	11.0	86	1007	0	0	8051126	8000004	8666670
14	1109974	2	19.0	51	1896	1896	0	9162107	8666671	9333337
15	348346	1	8.0	70	1164	0	0	9514245	9333338	10000004
16	816332	2	17.0	56	1746	1098	0	10331741	10000005	10666671
17	402398	3	17.0	93	1336	1983	1089	10736983	10666672	11333338
18	954632	2	7.0	94	1869	1819	0	11696023	11333339	12000005

Total number of pulses in waveform = 30

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	956890	2	11.0	83	1797	1646	0	956890	0	1199999
2	689243	3	9.0	55	1775	1843	1051	1649576	1200000	2399999
3	1498646	2	5.0	56	1260	1510	0	3152891	2400000	3599999
4	1586139	2	12.0	74	1686	1308	0	4741800	3600000	4799999
5	1163860	1	15.0	62	1071	0	0	5908654	4800000	5999999
6	686395	2	16.0	100	1565	1889	0	6596120	6000000	7199999
7	928786	1	9.0	80	1522	0	0	7528360	7200000	8399999
8	883213	3	19.0	50	1810	1905	1441	8413095	8400000	9599999
9	2358610	3	10.0	69	1966	1356	1065	10776861	9600000	10799999
10	650366	3	5.0	100	1608	1400	1272	11431614	10800000	11999999

Total number of pulses in waveform = 22

♀

New3RandParmBin5

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	157609	2	18.0	66	1846	1690	0	157609	0	1333332
2	1647005	1	18.0	65	1641	0	0	1808150	1333333	2666665
3	1773407	1	18.0	87	1777	0	0	3583198	2666666	3999998
4	1069885	1	13.0	91	1945	0	0	4654860	3999999	5333331
5	1406328	2	19.0	90	1298	1607	0	6063133	5333332	6666664
6	1169196	2	7.0	93	1524	1382	0	7235234	6666665	7999997
7	1691512	2	20.0	65	1592	1359	0	8929652	7999998	9333330
8	623226	3	19.0	91	1917	1152	1404	9555829	9333331	10666663
9	2118770	3	18.0	93	1599	1728	1325	11679072	10666664	11999996

Total number of pulses in waveform = 17

♀

Waveform Num = 26
 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	739733	2	13.0	91	1480	1922	0	739733	0	799999
2	286648	1	20.0	90	1819	0	0	1029783	800000	1599999
3	1360533	1	20.0	75	1712	0	0	2392135	1600000	2399999
4	776922	1	7.0	95	1068	0	0	3170769	2400000	3199999
5	266310	3	20.0	62	1409	1667	1050	3438147	3200000	3999999
6	1290008	2	10.0	85	1872	1443	0	4732281	4000000	4799999
7	524948	2	20.0	91	1219	1716	0	5260544	4800000	5599999
8	474291	1	11.0	77	1209	0	0	5737770	5600000	6399999

New3RandParmBin5

9	832288	3	10.0	97	1666	1911	1959	6571267	6400000	7199999
10	1274398	3	9.0	93	1652	1584	1146	7851201	7200000	7999999
11	457128	2	14.0	61	1059	1905	0	8312711	8000000	8799999
12	969142	2	6.0	83	1462	1317	0	9284817	8800000	9599999
13	964938	1	8.0	99	1264	0	0	10252534	9600000	10399999
14	178850	3	18.0	93	1538	1850	1601	10432648	10400000	11199999
15	1227392	2	15.0	89	1967	1040	0	11665029	11200000	11999999

Total number of pulses in waveform = 29

‡
 Waveform Num = 27
 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	652967	1	9.0	70	1815	0	0	652967	0	857142
2	789229	1	15.0	53	1950	0	0	1444011	857143	1714285
3	818099	2	20.0	74	1816	1422	0	2264060	1714286	2571428
4	1155473	2	8.0	50	1001	1290	0	3422771	2571429	3428571
5	230642	1	14.0	58	1228	0	0	3655704	3428572	4285714
6	956396	2	7.0	96	1313	1334	0	4613328	4285715	5142857
7	909996	1	5.0	77	1405	0	0	5525971	5142858	6000000
8	662726	3	7.0	64	1425	1626	1728	6190102	6000001	6857143
9	772642	1	5.0	72	1412	0	0	6967523	6857144	7714286
10	967881	1	17.0	65	1088	0	0	7936816	7714287	8571429
11	646424	2	11.0	80	1740	1981	0	8584328	8571430	9428572
12	1202782	1	9.0	84	1559	0	0	9790831	9428573	10285715
13	1040143	1	8.0	85	1078	0	0	10832533	10285716	11142858

New3RandParmBin5

14 1005850 2 14.0 61 1068 1170 0 11839461 11142859 12000001

Total number of pulses in waveform = 21

♀
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	529826	2	18.0	91	1575	1590	0	529826	0	1499999
2	2321671	3	13.0	56	1183	1431	1674	2854662	1500000	2999999
3	188463	3	16.0	91	1540	1408	1861	3047413	3000000	4499999
4	1783067	2	13.0	70	1612	1269	0	4835289	4500000	5999999
5	1330530	2	7.0	100	1887	1027	0	6168700	6000000	7499999
6	1694294	1	14.0	76	1367	0	0	7865908	7500000	8999999
7	1511971	3	15.0	86	1523	1202	1639	9379246	9000000	10499999
8	1343666	3	5.0	77	1076	1997	1274	10727276	10500000	11999999

Total number of pulses in waveform = 19

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	4587	2	15.0	69	1869	1852	0	4587	0	1333332
2	2037763	2	6.0	91	1513	1844	0	2046071	1333333	2666665
3	1016778	2	13.0	80	1621	1503	0	3066206	2666666	3999998
4	1887464	1	14.0	89	1361	0	0	4956794	3999999	5333331
5	987296	1	12.0	94	1924	0	0	5945451	5333332	6666664
6	1407962	1	7.0	71	1998	0	0	7355337	6666665	7999997
7	1462727	2	13.0	60	1470	1507	0	8820062	7999998	9333330

New3RandParmBin5

8	1139082	2	8.0	65	1717	1937	0	9962121	9333331	10666663
	924013									
9		3	5.0	68	1848	1220	1613	10889788	10666664	11999996

Total number of pulses in waveform = 16

♀
 Waveform Num = 30
 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)
	338757									
1	1060320	3	9.0	92	1201	1328	1317	338757	0	923076
2	502805	3	14.0	69	1564	1667	1711	1402923	923077	1846153
3	1243959	2	15.0	79	1281	1020	0	1910670	1846154	2769230
4	1417814	3	5.0	89	1466	1377	1531	3156930	2769231	3692307
5	521559	1	10.0	66	1720	0	0	4579118	3692308	4615384
6	1214084	1	18.0	100	1850	0	0	5102397	4615385	5538461
7	372365	3	14.0	53	1459	1617	1029	6318331	5538462	6461538
8	1261289	3	16.0	85	1234	1660	1185	6694801	6461539	7384615
9	1028502	3	14.0	70	1001	1409	1438	7960169	7384616	8307692
10	699776	1	17.0	62	1488	0	0	8992519	8307693	9230769
11	815436	3	17.0	81	1718	1028	1663	9693783	9230770	10153846
12	807714	1	6.0	90	1847	0	0	10513628	10153847	11076923
13		1	18.0	67	1179	0	0	11323189	11076924	12000000

Total number of pulses in waveform = 28

♀

New3RandParmBin5

Random DFS waveform parameters (NewBin5) 21-May-2015 14:37:55

Waveform Num = 1
 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	436994	3	12.0	91	1814	1107	1997	436994	0	857142
2	670776	3	5.0	59	1802	1754	1740	1112688	857143	1714285
3	1110214	1	19.0	85	1354	0	0	2228198	1714286	2571428
4	608141	1	18.0	56	1261	0	0	2837693	2571429	3428571
5	1006084	1	9.0	96	1923	0	0	3845038	3428572	4285714
6	763659	3	14.0	51	1123	1347	1253	4610620	4285715	5142857
7	1206614	2	13.0	56	1518	1171	0	5820957	5142858	6000000
8	930487	2	7.0	82	1806	1154	0	6754133	6000001	6857143
9	919448	3	20.0	78	1875	1590	1966	7676541	6857144	7714286
10	381661	2	5.0	81	1208	1880	0	8063633	7714287	8571429
11	1257678	1	11.0	87	1022	0	0	9324399	8571430	9428572
12	956586	2	11.0	67	1321	1822	0	10282007	9428573	10285715
13	207312	3	5.0	80	1714	1667	1818	10492462	10285716	11142858
14	669648	2	17.0	78	1423	1657	0	11167309	11142859	12000001

Total number of pulses in waveform = 29

♀
 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)
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New3RandParmBin5										
1	668586	2	9.0	64	1672	1729	0	668586	0	705881
2	597161	3	5.0	93	1468	1517	1581	1269148	705882	1411763
3	630247	3	12.0	91	1559	1152	1810	1903961	1411764	2117645
4	811941	1	18.0	88	1794	0	0	2720423	2117646	2823527
5	356688	2	9.0	72	1571	1969	0	3078905	2823528	3529409
6	1105296	1	15.0	94	1824	0	0	4187741	3529410	4235291
7	253416	2	16.0	93	1567	1019	0	4442981	4235292	4941173
8	866498	3	8.0	68	1836	1007	1352	5312065	4941174	5647055
9	356486	1	5.0	57	1694	0	0	5672746	5647056	6352937
10	1276020	1	19.0	78	1841	0	0	6950460	6352938	7058819
11	635166	3	7.0	66	1437	1960	1976	7587467	7058820	7764701
12	651910	1	15.0	53	1025	0	0	8244750	7764702	8470583
13	418677	2	12.0	71	1682	1727	0	8664452	8470584	9176465
14	931393	2	17.0	57	1033	1005	0	9599254	9176466	9882347
15	447353	2	16.0	72	1985	1900	0	10048645	9882348	10588229
16	1204812	1	10.0	80	1523	0	0	11257342	10588230	11294111
17	352304	2	18.0	77	1795	1350	0	11611169	11294112	11999993

Total number of pulses in waveform = 32

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	7366	1	18.0	51	1085	0	0	7366	0	799999

New3RandParmBin5										
5	307471	2	5.0	94	1599	1252	0	3290143	3000000	3749999
6	1081730	2	11.0	67	1637	1899	0	4374724	3750000	4499999
7	326704	1	20.0	73	1642	0	0	4704964	4500000	5249999
8	1014078	3	11.0	96	1244	1020	1550	5720684	5250000	5999999
9	479074	1	16.0	86	1372	0	0	6203572	6000000	6749999
10	781467	3	10.0	73	1953	1217	1258	6986411	6750000	7499999
11	643811	2	14.0	90	1240	1790	0	7634650	7500000	8249999
12	1352302	3	6.0	73	1548	1543	1214	8989982	8250000	8999999
13	351716	1	5.0	98	2000	0	0	9346003	9000000	9749999
14	572443	2	15.0	75	1881	1070	0	9920446	9750000	10499999
15	1009118	2	13.0	80	1959	1673	0	10932515	10500000	11249999
16	970383	2	7.0	89	1525	1953	0	11906530	11250000	11999999

Total number of pulses in waveform = 33

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	514195	1	14.0	51	1602	0	0	514195	0	749999
2	286660	2	12.0	55	1428	1388	0	802457	750000	1499999
3	1432940	2	8.0	65	1450	1858	0	2238213	1500000	2249999
4	470809	3	11.0	67	1050	1049	1532	2712330	2250000	2999999
5	600930	1	13.0	85	1917	0	0	3316891	3000000	3749999
6	644743	2	17.0	86	1376	1869	0	3963551	3750000	4499999

New3RandParmBin5

7	965212	1	17.0	75	1230	0	0	4932008	4500000	5249999
8	553781	2	9.0	89	1783	1855	0	5487019	5250000	5999999
9	716940	2	8.0	88	1901	1940	0	6207597	6000000	6749999
10	582803	1	16.0	93	1898	0	0	6794241	6750000	7499999
11	931531	2	7.0	81	1197	1946	0	7727670	7500000	8249999
12	918110	2	17.0	84	1250	1684	0	8648923	8250000	8999999
13	964817	1	7.0	87	1634	0	0	9616674	9000000	9749999
14	612267	1	20.0	85	1522	0	0	10230575	9750000	10499999
15	747693	1	15.0	54	1571	0	0	10979790	10500000	11249999
16	501573	1	12.0	91	1388	0	0	11482934	11250000	11999999

Total number of pulses in waveform = 25

♀
 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	133243	2	19.0	75	1647	1732	0	133243	0	923076
2	1464577	1	7.0	90	1984	0	0	1601199	923077	1846153
3	1098902	1	17.0	85	1504	0	0	2702085	1846154	2769230
4	570906	1	7.0	53	1971	0	0	3274495	2769231	3692307
5	574505	2	9.0	79	1395	1153	0	3850971	3692308	4615384
6	1383866	1	15.0	76	1375	0	0	5237385	4615385	5538461
7	596969	2	6.0	67	1170	1644	0	5835729	5538462	6461538
8	1175315	1	9.0	59	1063	0	0	7013858	6461539	7384615

New3RandParmBin5

9	956865	2	8.0	50	1959	1561	0	7971786	7384616	8307692
10	472828	2	10.0	51	1085	1807	0	8448134	8307693	9230769
11	1414015	3	10.0	75	1655	1211	1429	9865041	9230770	10153846
12	1002640	1	8.0	99	1834	0	0	10871976	10153847	11076923
13	723144	1	9.0	59	1219	0	0	11596954	11076924	12000000

Total number of pulses in waveform = 20

Waveform Num = 7
 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	277564	3	14.0	98	1892	1896	1958	277564	0	857142
2	837302	3	17.0	76	1262	1844	1179	1120612	857143	1714285
3	1290670	1	9.0	65	1288	0	0	2415567	1714286	2571428
4	544876	3	8.0	56	1088	1783	1656	2961731	2571429	3428571
5	596351	2	12.0	76	1545	1627	0	3562609	3428572	4285714
6	1441222	3	16.0	91	1972	1382	1520	5007003	4285715	5142857
7	884292	1	9.0	85	1981	0	0	5896169	5142858	6000000
8	476843	1	7.0	94	1901	0	0	6374993	6000001	6857143
9	553289	3	12.0	54	1832	1006	1231	6930183	6857144	7714286
10	1520966	1	11.0	90	1924	0	0	8455218	7714287	8571429
11	181788	1	13.0	77	1842	0	0	8638930	8571430	9428572
12	1585611	1	13.0	64	1976	0	0	10226383	9428573	10285715
13	641053	3	11.0	73	1048	1393	1026	10869412	10285716	11142858

New3RandParmBin5

14 747808 1 18.0 70 1526 0 0 11620687 11142859 12000001
 Total number of pulses in waveform = 27
 †
 Waveform Num = 8
 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	438661	1	18.0	54	1888	0	0	438661	0	599999
2	328110	1	12.0	95	1266	0	0	768659	600000	1199999
3	556645	1	8.0	59	1598	0	0	1326570	1200000	1799999
4	644455	3	8.0	60	1825	1699	1567	1972623	1800000	2399999
5	990201	2	18.0	80	1521	1676	0	2967915	2400000	2999999
6	388217	2	6.0	50	1208	1480	0	3359329	3000000	3599999
7	391148	2	9.0	58	1593	1403	0	3753165	3600000	4199999
8	723145	3	16.0	73	1649	1129	1053	4479306	4200000	4799999
9	344233	2	16.0	63	1755	1566	0	4827370	4800000	5399999
10	670993	2	14.0	67	1124	1055	0	5501684	5400000	5999999
11	719156	2	19.0	52	1379	1396	0	6223019	6000000	6599999
12	963252	1	15.0	78	1215	0	0	7189046	6600000	7199999
13	402251	1	8.0	84	1721	0	0	7592512	7200000	7799999
14	674823	2	15.0	73	1956	1399	0	8269056	7800000	8399999
15	603047	3	15.0	54	1775	1411	1430	8875458	8400000	8999999
16	290949	3	6.0	70	1072	1567	1527	9171023	9000000	9599999
17	899391	3	7.0	58	1075	1542	1350	10074580	9600000	10199999

New3RandParmBin5

18	636903	3	6.0	71	1030	1854	1067	10715450	10200000	10799999
19	222590	1	5.0	61	1903	0	0	10941991	10800000	11399999
20	889075	1	8.0	58	1983	0	0	11832969	11400000	11999999

Total number of pulses in waveform = 39

♀
 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	107449	2	15.0	55	1687	1562	0	107449	0	1090908
2	1840432	1	17.0	82	1722	0	0	1951130	1090909	2181817
3	603758	1	19.0	54	1005	0	0	2556610	2181818	3272726
4	1561249	3	6.0	82	1541	1458	1911	4118864	3272727	4363635
5	847693	3	5.0	68	1842	1729	1765	4971467	4363636	5454544
6	669910	3	17.0	70	1797	1550	1120	5646713	5454545	6545453
7	1911332	2	15.0	56	1832	1982	0	7562512	6545454	7636362
8	821401	2	12.0	95	1941	1619	0	8387727	7636363	8727271
9	873064	1	16.0	56	1189	0	0	9264351	8727272	9818180
10	1334970	3	18.0	72	1609	1010	1450	10600510	9818181	10909089
11	1293811	2	17.0	96	1855	1747	0	11898390	10909090	11999998

Total number of pulses in waveform = 23

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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New3RandParmBin5

1	56476	1	12.0	92	1985	0	0	56476	0	1199999
2	1584649	2	6.0	74	1496	1998	0	1643110	1200000	2399999
3	1045127	2	5.0	99	1691	1953	0	2691731	2400000	3599999
4	1400855	2	20.0	86	1661	1127	0	4096230	3600000	4799999
5	1674204	2	10.0	62	1938	1383	0	5773222	4800000	5999999
6	475955	3	14.0	80	1264	1048	1013	6252498	6000000	7199999
7	1167488	3	14.0	100	1342	1083	1591	7423311	7200000	8399999
8	1464797	1	17.0	60	1390	0	0	8892124	8400000	9599999
9	838710	2	12.0	63	1652	1726	0	9732224	9600000	10799999
10	1561809	3	15.0	56	1464	1691	1711	11297411	10800000	11999999

Total number of pulses in waveform = 21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	815863	1	12.0	59	1463	0	0	815863	0	1090908
2	1205569	3	10.0	57	1465	1622	1191	2022895	1090909	2181817
3	900600	2	5.0	94	1993	1785	0	2927773	2181818	3272726
4	1139286	1	9.0	87	1786	0	0	4070837	3272727	4363635
5	888780	1	5.0	91	1743	0	0	4961403	4363636	5454544
6	929010	1	11.0	85	1626	0	0	5892156	5454545	6545453
7	1584577	2	20.0	83	1103	1888	0	7478359	6545454	7636362
8	1242910	2	6.0	91	1611	1227	0	8724260	7636363	8727271

New3RandParmBin5

9	1009719	2	10.0	89	1431	1777	0	9736817	8727272	9818180
10	533316	2	9.0	81	1248	1057	0	10273341	9818181	10909089
11	754867	2	12.0	71	1793	1172	0	11030513	10909090	11999998

Total number of pulses in waveform = 19

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	87889	3	10.0	72	1787	1969	1462	87889	0	705881
2	1087265	3	9.0	80	1307	1353	1016	1180372	705882	1411763
3	731776	3	13.0	76	1158	1240	1309	1915824	1411764	2117645
4	759710	2	6.0	78	1715	1895	0	2679241	2117646	2823527
5	408963	2	14.0	90	1156	1259	0	3091814	2823528	3529409
6	505382	1	10.0	74	1667	0	0	3599611	3529410	4235291
7	1011508	1	18.0	100	1205	0	0	4612786	4235292	4941173
8	640500	2	9.0	52	1079	1359	0	5254491	4941174	5647055
9	680449	1	18.0	82	1472	0	0	5937378	5647056	6352937
10	563257	3	6.0	74	1513	1995	1551	6502107	6352938	7058819
11	683040	2	10.0	99	1139	1685	0	7190206	7058820	7764701
12	1098765	1	7.0	58	1834	0	0	8291795	7764702	8470583
13	339536	1	14.0	82	1982	0	0	8633165	8470584	9176465
14	674317	1	10.0	91	1540	0	0	9309464	9176466	9882347
15	857362	2	10.0	71	1641	1878	0	10168366	9882348	10588229

New3RandParmBin5

16 1032877 3 17.0 74 1944 1232 1895 11204762 10588230 11294111
 375798
 17 1 8.0 92 1151 0 0 11585631 11294112 11999993

Total number of pulses in waveform = 32

♀
 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	104638	3	17.0	81	1072	1766	1941	104638	0	1499999
2	2453901	2	6.0	96	1878	1085	0	2563318	1500000	2999999
3	1617423	1	6.0	63	1368	0	0	4183704	3000000	4499999
4	1025660	3	19.0	64	1647	1683	1174	5210732	4500000	5999999
5	1533123	1	6.0	81	1280	0	0	6748359	6000000	7499999
6	1421431	3	12.0	87	1750	1633	1097	8171070	7500000	8999999
7	1013413	1	20.0	58	1113	0	0	9188963	9000000	10499999
8	2474867	2	5.0	78	1527	1921	0	11664943	10500000	11999999

Total number of pulses in waveform = 16

♀
 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	774538	2	20.0	77	1676	1090	0	774538	0	857142
2	467539	3	17.0	51	1532	1693	1706	1244843	857143	1714285
3	709107	2	9.0	85	1142	1271	0	1958881	1714286	2571428
4	969035	2	13.0	98	1013	1955	0	2930329	2571429	3428571

New3RandParmBin5

5	1220159	1	15.0	88	1422	0	0	4153456	3428572	4285714
6	465706	1	10.0	56	1245	0	0	4620584	4285715	5142857
7	969420	2	18.0	57	1536	1082	0	5591249	5142858	6000000
8	470492	2	15.0	57	1747	1995	0	6064359	6000001	6857143
9	1332627	1	8.0	59	1609	0	0	7400728	6857144	7714286
10	1103963	3	14.0	50	1799	1382	1397	8506300	7714287	8571429
11	872055	1	14.0	78	1063	0	0	9382933	8571430	9428572
12	564624	2	17.0	81	1229	1707	0	9948620	9428573	10285715
13	1014021	2	8.0	64	1954	1702	0	10965577	10285716	11142858
14	949884	2	15.0	69	1522	1298	0	11919117	11142859	12000001

Total number of pulses in waveform = 26

♀
 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	434446	3	19.0	86	1935	1584	1640	434446	0	705881
2	854326	1	6.0	70	1717	0	0	1293931	705882	1411763
3	424621	1	8.0	58	1528	0	0	1720269	1411764	2117645
4	932602	1	18.0	92	1930	0	0	2654399	2117646	2823527
5	843589	3	6.0	89	1427	1427	1792	3499918	2823528	3529409
6	651689	1	8.0	51	1095	0	0	4156253	3529410	4235291
7	587392	1	5.0	65	1840	0	0	4744740	4235292	4941173
8	229366	3	12.0	76	1633	1965	1048	4975946	4941174	5647055

New3RandParmBin5

9	1227495	2	11.0	83	1135	1963	0	6208087	5647056	6352937
10	681951	2	18.0	51	1047	1900	0	6893136	6352938	7058819
11	505841	2	8.0	84	1023	1690	0	7401924	7058820	7764701
12	853863	1	13.0	81	1607	0	0	8258500	7764702	8470583
13	700117	1	14.0	62	1985	0	0	8960224	8470584	9176465
14	803140	2	16.0	52	1360	1845	0	9765349	9176466	9882347
15	363308	2	12.0	80	1500	1662	0	10131862	9882348	10588229
16	673640	2	12.0	80	1500	1662	0	10131862	9882348	10588229
16	1169830	1	11.0	50	1558	0	0	10808664	10588230	11294111
17	1169830	3	12.0	83	1008	1278	1325	11980052	11294112	11999993

Total number of pulses in waveform = 30

Waveform Num = 16
 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	76194	2	9.0	73	1430	1763	0	76194	0	666666
2	619473	3	7.0	59	1080	1797	1565	698860	666667	1333333
3	883274	1	8.0	53	1949	0	0	1586576	1333334	2000000
4	531052	2	9.0	85	1301	1645	0	2119577	2000001	2666667
5	871760	3	13.0	68	1440	1306	1119	2994283	2666668	3333334
6	885237	3	16.0	62	1738	1029	1874	3883385	3333335	4000001
7	227792	2	11.0	61	1517	1208	0	4115818	4000002	4666668
8	891831	2	18.0	57	1195	1240	0	5010374	4666669	5333335
9	893269	2	18.0	95	1564	1602	0	5906078	5333336	6000002

New3RandParmBin5

10	733138	1	9.0	73	1286	0	0	6642382	6000003	6666669
11	271992	2	9.0	52	1514	1538	0	6915660	6666670	7333336
12	575959	2	9.0	73	1171	1150	0	7494671	7333337	8000003
13	745843	1	10.0	98	1117	0	0	8242835	8000004	8666670
14	498372	2	5.0	79	1888	1467	0	8742324	8666671	9333337
15	975867	3	13.0	83	1592	1955	1965	9721546	9333338	10000004
16	759951	1	16.0	53	1780	0	0	10487009	10000005	10666671
17	742969	2	11.0	95	1566	1544	0	11231758	10666672	11333338
18	100306	3	18.0	63	1380	1846	1000	11335174	11333339	12000005

Total number of pulses in waveform = 37

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	946633	1	5.0	56	1500	0	0	946633	0	1333332
2	493328	1	14.0	79	1288	0	0	1441461	1333333	2666665
3	1390846	3	19.0	100	1676	1700	1330	2833595	2666666	3999998
4	1671474	2	13.0	87	1922	1946	0	4509775	3999999	5333331
5	1966822	1	19.0	98	1579	0	0	6480465	5333332	6666664
6	817567	1	12.0	86	1774	0	0	7299611	6666665	7999997
7	1885573	1	15.0	99	1575	0	0	9186958	7999998	9333330
8	1138024	3	8.0	86	1922	1683	1622	10326557	9333331	10666663
9	582793	1	14.0	60	1997	0	0	10914577	10666664	11999996

New3RandParmBin5

Total number of pulses in waveform = 14

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	259332	3	6.0	52	1737	1512	1519	259332	0	666666
2	691194	3	14.0	96	1406	1182	1948	955294	666667	1333333
3	771736	1	10.0	56	1058	0	0	1731566	1333334	2000000
4	341105	1	13.0	80	1285	0	0	2073729	2000001	2666667
5	703546	3	9.0	64	1846	1763	1683	2778560	2666668	3333334
6	654048	2	7.0	65	1736	1389	0	3437900	3333335	4000001
7	781145	3	6.0	80	1310	1834	1933	4222170	4000002	4666668
8	674782	1	11.0	63	1466	0	0	4902029	4666669	5333335
9	510291	2	19.0	76	1097	1788	0	5413786	5333336	6000002
10	695444	2	7.0	69	1074	1206	0	6112115	6000003	6666669
11	842195	2	13.0	81	1097	1266	0	6956590	6666670	7333336
12	567021	3	9.0	62	1755	1033	1793	7525974	7333337	8000003
13	723501	1	8.0	92	1469	0	0	8254056	8000004	8666670
14	600061	3	18.0	64	1413	1702	1376	8855586	8666671	9333337
15	844372	1	5.0	89	1797	0	0	9704449	9333338	10000004
16	374371	2	11.0	77	1414	1904	0	10080617	10000005	10666671
17	630577	3	5.0	67	1398	1500	1930	10714512	10666672	11333338
18	755081	3	19.0	95	1615	1958	1468	11474421	11333339	12000005

New3RandParmBin5

Total number of pulses in waveform = 39

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	634502	3	12.0	91	1454	1841	1922	634502	0	749999
2	736402	1	13.0	80	1671	0	0	1376121	750000	1499999
3	396153	2	11.0	58	1154	1410	0	1773945	1500000	2249999
4	490672	2	14.0	70	1369	1744	0	2267181	2250000	2999999
5	1336815	2	9.0	72	1242	1602	0	3607109	3000000	3749999
6	246415	2	19.0	66	1840	1443	0	3856368	3750000	4499999
7	1083842	1	13.0	71	1509	0	0	4943493	4500000	5249999
8	816000	3	7.0	62	1132	1873	1752	5761002	5250000	5999999
9	646851	3	13.0	68	1588	1462	1314	6412610	6000000	6749999
10	674039	1	11.0	85	1097	0	0	7091013	6750000	7499999
11	911305	1	8.0	62	1720	0	0	8003415	7500000	8249999
12	433896	3	17.0	86	1541	1302	1880	8439031	8250000	8999999
13	958882	1	11.0	72	1283	0	0	9402636	9000000	9749999
14	1006495	2	13.0	74	1358	1309	0	10410414	9750000	10499999
15	201698	1	16.0	63	1812	0	0	10614779	10500000	11249999
16	1173979	2	7.0	51	1624	1353	0	11790570	11250000	11999999

Total number of pulses in waveform = 30

♀
 Waveform Num = 20
 Num of Bursts = 15

New3RandParmBin5

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	643028	1	7.0	69	1439	0	0	643028	0	799999
2	179536	1	17.0	87	1805	0	0	824003	800000	1599999
3	1125856	3	14.0	51	1732	1889	1350	1951664	1600000	2399999
4	976829	1	5.0	82	1000	0	0	2933464	2400000	3199999
5	303570	3	15.0	86	1178	1928	1042	3238034	3200000	3999999
6	1534346	2	15.0	100	1582	1823	0	4776528	4000000	4799999
7	797745	3	15.0	95	1273	1007	1350	5577678	4800000	5599999
8	142409	1	12.0	95	1952	0	0	5723717	5600000	6399999
9	1314841	3	17.0	59	1634	1375	1035	7040510	6400000	7199999
10	557018	1	12.0	51	1330	0	0	7601572	7200000	7999999
11	643918	2	15.0	68	1591	1727	0	8246820	8000000	8799999
12	821905	2	8.0	93	1324	1103	0	9072043	8800000	9599999
13	1022468	3	15.0	58	1556	1234	1116	10096938	9600000	10399999
14	924317	2	15.0	97	1982	1013	0	11025161	10400000	11199999
15	261592	2	18.0	75	1360	1607	0	11289748	11200000	11999999

Total number of pulses in waveform = 30

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	736197	2	6.0	77	1021	1497	0	736197	0	857142

New3RandParmBin5

2	371165	1	20.0	88	1418	0	0	1109880	857143	1714285
3	1164983	3	10.0	74	1013	1095	1517	2276281	1714286	2571428
4	303686	1	19.0	52	1598	0	0	2583592	2571429	3428571
5	1241245	1	20.0	72	1183	0	0	3826435	3428572	4285714
6	734360	2	14.0	63	1366	1627	0	4561978	4285715	5142857
7	1094640	2	15.0	71	1723	1753	0	5659611	5142858	6000000
8	1137926	1	16.0	57	1781	0	0	6801013	6000001	6857143
9	693836	1	10.0	70	1780	0	0	7496630	6857144	7714286
10	1022829	2	8.0	57	1710	1927	0	8521239	7714287	8571429
11	138842	1	16.0	50	1549	0	0	8663718	8571430	9428572
12	1205555	2	19.0	99	1187	1061	0	9870822	9428573	10285715
13	434376	1	8.0	86	1378	0	0	10307446	10285716	11142858
14	1605109	2	5.0	68	1201	1430	0	11913933	11142859	12000001

Total number of pulses in waveform = 22

Waveform Num = 22
 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	444424	1	16.0	90	1663	0	0	444424	0	749999
2	730939	1	5.0	82	1103	0	0	1177026	750000	1499999
3	514447	2	18.0	50	1284	1114	0	1692576	1500000	2249999
4	1274184	2	11.0	83	1473	1181	0	2969158	2250000	2999999
5	244647	1	15.0	91	1521	0	0	3216459	3000000	3749999

						New3RandParmBin5					
6	740465	1	11.0	67	1623	0	0	3958445	3750000	4499999	
7	1071328	1	18.0	78	1569	0	0	5031396	4500000	5249999	
8	720268	2	16.0	53	1795	1476	0	5753233	5250000	5999999	
9	418449	3	16.0	57	1216	1443	1197	6174953	6000000	6749999	
10	902900	3	10.0	93	1866	1885	1362	7081709	6750000	7499999	
11	823424	1	20.0	63	1422	0	0	7910246	7500000	8249999	
12	1011057	1	10.0	94	1299	0	0	8922725	8250000	8999999	
13	270307	3	5.0	83	1705	1854	1209	9194331	9000000	9749999	
14	731831	3	12.0	66	1254	1229	1857	9930930	9750000	10499999	
15	1092057	1	17.0	62	1747	0	0	11027327	10500000	11249999	
16	771298	1	14.0	78	1473	0	0	11800372	11250000	11999999	

Total number of pulses in waveform = 27

♀
 Waveform Num = 23
 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	1214655	2	18.0	85	1212	1383	0	1214655	0	1333332
2	897745	2	17.0	63	1656	1496	0	2114995	1333333	2666665
3	732623	2	11.0	57	1505	1300	0	2850770	2666666	3999998
4	2007406	2	14.0	78	1247	1497	0	4860981	3999999	5333331
5	1528904	1	13.0	56	1108	0	0	6392629	5333332	6666664
6	656092	1	17.0	63	1920	0	0	7049829	6666665	7999997
7	2131679	3	20.0	65	1406	1324	1816	9183428	7999998	9333330

New3RandParmBin5

8 953172 1 17.0 78 1977 0 0 10141146 9333331 10666663
 1294904
 9 2 13.0 58 1824 1448 0 11438027 10666664 11999996
 Total number of pulses in waveform = 16

♀
 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	700121	3	20.0	54	1292	1023	1910	700121	0	705881
2	487729	3	8.0	89	1134	1490	1928	1192075	705882	1411763
3	545105	2	11.0	70	1530	1222	0	1741732	1411764	2117645
4	470704	1	6.0	90	1618	0	0	2215188	2117646	2823527
5	917618	1	18.0	93	1623	0	0	3134424	2823528	3529409
6	588262	2	7.0	93	1238	1112	0	3724309	3529410	4235291
7	579051	1	19.0	70	1624	0	0	4305710	4235292	4941173
8	1148512	2	11.0	87	1145	1991	0	5455846	4941174	5647055
9	206403	3	11.0	100	1666	1890	1880	5665385	5647056	6352937
10	814586	2	17.0	99	1197	1667	0	6485407	6352938	7058819
11	652398	1	14.0	80	1259	0	0	7140669	7058820	7764701
12	1162240	3	19.0	86	1643	1761	1922	8304168	7764702	8470583
13	293015	1	19.0	76	1121	0	0	8602509	8470584	9176465
14	675501	3	7.0	77	1541	1213	1627	9279131	9176466	9882347
15	1043486	3	11.0	68	1548	1311	1234	10326998	9882348	10588229
16	608856	2	11.0	61	1932	1401	0	10939947	10588230	11294111

New3RandParmBin5

17 731827 3 9.0 91 1444 1706 1697 11675107 11294112 11999993
 Total number of pulses in waveform = 36

♀
 Waveform Num = 25
 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	28892	3	5.0	70	1693	1586	1173	28892	0	999999
2	1287921	1	6.0	78	1283	0	0	1321265	1000000	1999999
3	1655825	1	7.0	55	1553	0	0	2978373	2000000	2999999
4	1006339	3	6.0	93	1779	1683	1841	3986265	3000000	3999999
5	832143	2	15.0	96	1693	1636	0	4823711	4000000	4999999
6	885844	2	16.0	72	1952	1527	0	5712884	5000000	5999999
7	583457	2	7.0	74	1290	1528	0	6299820	6000000	6999999
8	1206673	2	6.0	93	1728	1377	0	7509311	7000000	7999999
9	646412	3	7.0	76	1147	1047	1834	8158828	8000000	8999999
10	1565329	2	15.0	84	1271	1327	0	9728185	9000000	9999999
11	1073841	2	5.0	81	1839	1395	0	10804624	10000000	10999999
12	399769	3	19.0	76	1341	1543	1728	11207627	11000000	11999999

Total number of pulses in waveform = 26

♀
 Waveform Num = 26
 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	1145550	1	13.0	76	1798	0	0	1145550	0	1499999

New3RandParmBin5										
2	1486024	2	19.0	51	1939	1162	0	2633372	1500000	2999999
3	952908	3	19.0	56	1945	1823	1555	3589381	3000000	4499999
4	1866635	2	8.0	71	1319	1335	0	5461339	4500000	5999999
5	1243009	3	6.0	95	1856	1396	1608	6707002	6000000	7499999
6	1961262	2	20.0	94	1307	1998	0	8673124	7500000	8999999
7	855822	2	6.0	51	1035	1857	0	9532251	9000000	10499999
8	1014060	3	8.0	53	1070	1421	1180	10549203	10500000	11999999
Total number of pulses in waveform = 18										

†
 Waveform Num = 27
 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	426085	1	13.0	61	1867	0	0	426085	0	857142
2	979622	2	14.0	96	1604	1389	0	1407574	857143	1714285
3	737990	3	9.0	92	1097	1958	1445	2148557	1714286	2571428
4	645144	2	20.0	97	1184	1961	0	2798201	2571429	3428571
5	1172079	2	14.0	77	1693	1303	0	3973425	3428572	4285714
6	319935	3	14.0	90	1387	1078	1872	4296356	4285715	5142857
7	1122560	3	16.0	55	1872	1632	1625	5423253	5142858	6000000
8	1097175	1	16.0	56	1141	0	0	6525557	6000001	6857143
9	1050041	1	20.0	98	1492	0	0	7576739	6857144	7714286
10	422296	2	16.0	66	1301	1395	0	8000527	7714287	8571429
11	570467	2	5.0	95	1582	1418	0	8573690	8571430	9428572

New3RandParmBin5

12	983644	1	7.0	82	1414	0	0	9560334	9428573	10285715
13	725987	1	11.0	97	1795	0	0	10287735	10285716	11142858
14	908108	2	10.0	67	1854	1646	0	11197638	11142859	12000001

Total number of pulses in waveform = 26

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	912928	3	5.0	68	1298	1984	1361	912928	0	1199999
2	985707	3	12.0	75	1610	1519	1757	1903278	1200000	2399999
3	1153527	2	7.0	61	1487	1031	0	3061691	2400000	3599999
4	569658	1	11.0	70	1018	0	0	3633867	3600000	4799999
5	1181020	3	6.0	63	1158	1005	1664	4815905	4800000	5999999
6	1467903	3	13.0	80	1543	1178	1845	6287635	6000000	7199999
7	2010834	3	19.0	84	1373	1610	1399	8303035	7200000	8399999
8	201550	1	10.0	92	1328	0	0	8508967	8400000	9599999
9	1176627	3	14.0	94	1003	1822	1475	9686922	9600000	10799999
10	1994827	1	16.0	83	1883	0	0	11686049	10800000	11999999

Total number of pulses in waveform = 23

♀
 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	906130	1	11.0	72	1034	0	0	906130	0	923076

New3RandParmBin5										
2	766000	3	9.0	72	1344	1352	1106	1673164	923077	1846153
3	959843	2	11.0	81	1070	1733	0	2636809	1846154	2769230
4	442095	3	8.0	62	1435	1387	1761	3081707	2769231	3692307
5	1353767	2	18.0	83	1625	1171	0	4440057	3692308	4615384
6	828953	3	16.0	88	1678	1465	1515	5271806	4615385	5538461
7	733091	3	16.0	61	1241	1936	1613	6009555	5538462	6461538
8	791172	1	18.0	60	1898	0	0	6805517	6461539	7384615
9	1489171	1	16.0	74	1781	0	0	8296586	7384616	8307692
10	542171	1	15.0	73	1320	0	0	8840538	8307693	9230769
11	1169193	3	11.0	91	1506	1946	1714	10011051	9230770	10153846
12	932962	2	18.0	78	1982	1912	0	10949179	10153847	11076923
13	441683	3	17.0	83	1434	1400	1292	11394756	11076924	12000000

Total number of pulses in waveform = 28

♀
 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	159584	1	19.0	84	1106	0	0	159584	0	631578
2	840019	1	6.0	78	1899	0	0	1000709	631579	1263157
3	574431	3	11.0	61	1516	1396	1130	1577039	1263158	1894736
4	487631	2	9.0	74	1556	1566	0	2068712	1894737	2526315
5	705207	3	16.0	73	1499	1180	1859	2777041	2526316	3157894
6	557520	2	6.0	77	1599	1638	0	3339099	3157895	3789473

New3RandParmBin5										
7	545567	1	9.0	55	1515	0	0	3887903	3789474	4421052
8	778257	1	7.0	73	1477	0	0	4667675	4421053	5052631
9	681508	1	9.0	54	1007	0	0	5350660	5052632	5684210
10	750003	1	20.0	90	1880	0	0	6101670	5684211	6315789
11	359211	1	15.0	53	1518	0	0	6462761	6315790	6947368
12	844273	2	15.0	58	1343	1667	0	7308552	6947369	7578947
13	330376	1	16.0	79	1580	0	0	7641938	7578948	8210526
14	770076	2	11.0	80	1059	1426	0	8413594	8210527	8842105
15	1034200	3	20.0	52	1913	1113	1067	9450279	8842106	9473684
16	527012	1	17.0	100	1895	0	0	9981384	9473685	10105263
17	141832	3	7.0	66	1613	1693	1319	10125111	10105264	10736842
18	1046651	3	18.0	99	1791	1908	1614	11176387	10736843	11368421
19	486401	2	8.0	59	1138	1142	0	11668101	11368422	12000000
Total number of pulses in waveform = 34										
♀										

New3RandParmBin5

Random DFS waveform parameters (NewBin5) 20-May-2015 10:35:57

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	547836	3	6.0	57	1202	1876	1425	547836	0	631578
2	365983	2	8.0	75	1755	1574	0	918322	631579	1263157
3	862503	3	9.0	54	1886	1408	1048	1784154	1263158	1894736
4	646827	2	16.0	85	1550	1387	0	2435323	1894737	2526315
5	238090	2	8.0	84	1239	1515	0	2676350	2526316	3157894
6	1100780	2	17.0	81	1693	1663	0	3779884	3157895	3789473
7	117446	3	13.0	85	1703	1924	1519	3900686	3789474	4421052
8	934871	3	20.0	86	1246	1714	1600	4840703	4421053	5052631
9	513774	3	8.0	79	1003	1022	1500	5359037	5052632	5684210
10	651463	1	12.0	69	1192	0	0	6014025	5684211	6315789
11	595439	1	10.0	83	1284	0	0	6610656	6315790	6947368
12	527070	2	19.0	59	1597	1613	0	7139010	6947369	7578947
13	749901	3	8.0	82	1109	1539	1130	7892121	7578948	8210526
14	806908	3	8.0	55	1476	1134	1217	8702807	8210527	8842105
15	363158	2	9.0	64	1734	1611	0	9069792	8842106	9473684
16	737647	3	7.0	74	1887	1467	1684	9810784	9473685	10105263
17	794673	3	9.0	51	1737	1710	1622	10610495	10105264	10736842
18	447053	1	19.0	75	1666	0	0	11062617	10736843	11368421
19	312894	2	20.0	96	1338	1464	0	11377177	11368422	12000000

Total number of pulses in waveform = 44

♀

New3RandParmBin5

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	41207	2	17.0	61	1383	1874	0	41207	0	1090908
2	1711102	2	18.0	83	1145	1874	0	1755566	1090909	2181817
3	1288577	1	9.0	75	1741	0	0	3047162	2181818	3272726
4	439309	3	5.0	88	1386	1824	1494	3488212	3272727	4363635
5	1929465	3	12.0	56	1799	1737	1911	5422381	4363636	5454544
6	938486	1	9.0	90	1573	0	0	6366314	5454545	6545453
7	1163577	1	12.0	86	1824	0	0	7531464	6545454	7636362
8	973383	2	19.0	57	1402	1999	0	8506671	7636363	8727271
9	401954	1	14.0	50	1368	0	0	8912026	8727272	9818180
10	927447	2	8.0	60	1182	1937	0	9840841	9818181	10909089
11	1102204	3	19.0	85	1388	1640	1523	10946164	10909090	11999998

Total number of pulses in waveform = 21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	387931	1	10.0	88	1032	0	0	387931	0	799999
2	435632	2	8.0	81	1679	1601	0	824595	800000	1599999
3	1248060	1	7.0	54	1394	0	0	2075935	1600000	2399999
4	1074501	1	14.0	60	1153	0	0	3151830	2400000	3199999
5	331941	3	19.0	72	1436	1096	1979	3484924	3200000	3999999
6	968045	3	5.0	55	1975	1283	1680	4457480	4000000	4799999

New3RandParmBin5

7	830884	2	14.0	52	1925	1166	0	5293302	4800000	5599999
8	732298	3	12.0	80	1599	1950	1570	6028691	5600000	6399999
9	1030771	3	11.0	70	1826	1656	1676	7064581	6400000	7199999
10	837325	3	16.0	74	1905	1914	1915	7907064	7200000	7999999
11	257887	2	8.0	100	1326	1818	0	8170685	8000000	8799999
12	1073192	3	8.0	61	1703	1217	1915	9247021	8800000	9599999
13	1021455	2	6.0	51	1702	1517	0	10273311	9600000	10399999
14	220619	2	12.0	68	1866	1084	0	10497149	10400000	11199999
15	1289087	2	18.0	71	1878	1065	0	11789186	11200000	11999999

Total number of pulses in waveform = 33

Waveform Num = 4
 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	85584	1	10.0	95	1654	0	0	85584	0	631578
2	1033807	3	16.0	88	1132	1581	1615	1121045	631579	1263157
3	514613	3	11.0	61	1356	1738	1999	1639986	1263158	1894736
4	799113	3	11.0	74	1494	1778	1287	2444192	1894737	2526315
5	568440	3	12.0	69	1270	1992	1476	3017191	2526316	3157894
6	742831	3	14.0	78	1459	1082	1728	3764760	3157895	3789473
7	464478	1	10.0	58	1871	0	0	4233507	3789474	4421052
8	742678	1	8.0	67	1051	0	0	4978056	4421053	5052631
9	685384	1	12.0	70	1781	0	0	5664491	5052632	5684210
10	438872	1	10.0	69	1720	0	0	6105144	5684211	6315789
11	365653	1	8.0	72	1558	0	0	6472517	6315790	6947368

New3RandParmBin5

12	630874	2	6.0	50	1051	1127	0	7104949	6947369	7578947
13	851842	3	8.0	51	1094	1721	1430	7958969	7578948	8210526
14	670774	2	17.0	64	1192	1203	0	8633988	8210527	8842105
15	712865	3	7.0	65	1565	1340	1131	9349248	8842106	9473684
16	523346	1	17.0	58	1195	0	0	9876630	9473685	10105263
17	710174	3	17.0	70	1455	1135	1202	10587999	10105264	10736842
18	400097	1	13.0	63	1706	0	0	10991888	10736843	11368421
19	799047	1	17.0	82	1567	0	0	11792641	11368422	12000000

Total number of pulses in waveform = 37

Waveform Num = 5
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	523520	2	15.0	85	1586	1019	0	523520	0	631578
2	413297	2	13.0	57	1746	1033	0	939422	631579	1263157
3	678676	2	13.0	68	1512	1829	0	1620877	1263158	1894736
4	872593	2	19.0	76	1378	1323	0	2496811	1894737	2526315
5	164214	2	13.0	77	1888	1095	0	2663726	2526316	3157894
6	973476	1	15.0	55	1145	0	0	3640185	3157895	3789473
7	578935	2	12.0	80	1304	1556	0	4220265	3789474	4421052
8	794272	3	8.0	51	1292	1277	1747	5017397	4421053	5052631
9	356268	3	8.0	95	1497	1781	1107	5377981	5052632	5684210
10	487278	3	5.0	69	1721	1459	1518	5869644	5684211	6315789
11	636764	2	19.0	63	1839	1678	0	6511106	6315790	6947368
12	1056011	2	6.0	92	1168	1331	0	7570634	6947369	7578947

New3RandParmBin5

13	303752	2	19.0	59	1570	1489	0	7876885	7578948	8210526
14	419880	1	18.0	94	1216	0	0	8299824	8210527	8842105
15	1043937	2	12.0	58	1910	1942	0	9344977	8842106	9473684
16	582276	1	11.0	84	1865	0	0	9931105	9473685	10105263
17	260703	1	13.0	60	1897	0	0	10193673	10105264	10736842
18	1015075	3	13.0	80	1310	1379	1088	11210645	10736843	11368421
19	368016	2	17.0	54	1597	1377	0	11582438	11368422	12000000

Total number of pulses in waveform = 38

‡
 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	251176	1	17.0	84	1039	0	0	251176	0	857142
2	1210535	3	12.0	56	1600	1366	1203	1462750	857143	1714285
3	912503	1	6.0	58	1211	0	0	2379422	1714286	2571428
4	976124	1	12.0	68	1084	0	0	3356757	2571429	3428571
5	662880	1	6.0	80	1597	0	0	4020721	3428572	4285714
6	334842	3	5.0	75	1155	1195	1312	4357160	4285715	5142857
7	1569019	2	18.0	57	1732	1081	0	5929841	5142858	6000000
8	492746	3	11.0	55	1349	1654	1872	6425400	6000001	6857143
9	796033	2	20.0	75	1012	1375	0	7226308	6857144	7714286
10	516232	3	8.0	73	1183	1754	1158	7744927	7714287	8571429
11	978996	3	17.0	73	1240	1887	1843	8728018	8571430	9428572
12	1456593	2	13.0	95	1827	1245	0	10189581	9428573	10285715
13	898215	2	6.0	85	1151	1526	0	11090868	10285716	11142858

New3RandParmBin5

14 684621 1 6.0 66 1667 0 0 11778166 11142859 12000001
 Total number of pulses in waveform = 28

♀
 Waveform Num = 7
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	64650	1	5.0	50	1444	0	0	64650	0	1499999
2	1706318	2	11.0	80	1230	1200	0	1772412	1500000	2999999
3	2180881	2	10.0	96	1458	1230	0	3955723	3000000	4499999
4	720829	1	7.0	50	1248	0	0	4679240	4500000	5999999
5	1562177	1	8.0	75	1917	0	0	6242665	6000000	7499999
6	2099316	3	15.0	62	1816	1699	1472	8343898	7500000	8999999
7	1646893	2	5.0	90	1630	1695	0	9995778	9000000	10499999
8	745634	1	14.0	82	1853	0	0	10744737	10500000	11999999

Total number of pulses in waveform = 13

♀
 Waveform Num = 8
 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	314093	1	20.0	68	1990	0	0	314093	0	631578
2	634192	2	6.0	75	1777	1685	0	950275	631579	1263157
3	548231	2	13.0	66	1643	1260	0	1501968	1263158	1894736
4	806022	1	9.0	51	1061	0	0	2310893	1894737	2526315
5	307296	1	10.0	92	1214	0	0	2619250	2526316	3157894
6	806273	2	18.0	96	1383	1604	0	3426737	3157895	3789473
7	620085	2	10.0	91	1960	1150	0	4049809	3789474	4421052

New3RandParmBin5

8	459037	1	11.0	86	1143	0	0	4511956	4421053	5052631
9	981226	1	10.0	72	1783	0	0	5494325	5052632	5684210
10	754830	1	19.0	96	1247	0	0	6250938	5684211	6315789
11	385192	1	9.0	71	1024	0	0	6637377	6315790	6947368
12	444724	1	14.0	100	1397	0	0	7083125	6947369	7578947
13	888789	2	12.0	50	1250	1619	0	7973311	7578948	8210526
14	423843	2	7.0	66	1837	1852	0	8400023	8210527	8842105
15	478620	3	11.0	66	1549	1575	1918	8882332	8842106	9473684
16	672338	3	12.0	91	1413	1421	1744	9559712	9473685	10105263
17	990583	1	13.0	62	1993	0	0	10554873	10105264	10736842
18	203910	1	14.0	61	1248	0	0	10760776	10736843	11368421
19	1011422	1	11.0	97	1167	0	0	11773446	11368422	12000000

Total number of pulses in waveform = 29

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	594385	2	7.0	83	1113	1547	0	594385	0	857142
2	364368	2	6.0	61	1242	1874	0	961413	857143	1714285
3	967970	3	14.0	62	1230	1403	1100	1932499	1714286	2571428
4	1470832	2	7.0	100	1340	1401	0	3407064	2571429	3428571
5	278211	2	7.0	59	1233	1112	0	3688016	3428572	4285714
6	794854	1	16.0	55	1422	0	0	4485215	4285715	5142857
7	848681	3	18.0	51	1150	1356	1677	5335318	5142858	6000000
8	1383680	3	10.0	96	1316	1767	1996	6723181	6000001	6857143

New3RandParmBin5

9	366385	3	10.0	76	1548	1866	1894	7094645	6857144	7714286
10	865337	2	5.0	63	1602	1222	0	7965290	7714287	8571429
11	780206	3	20.0	68	1811	1255	1624	8748320	8571430	9428572
12	1218736	1	5.0	53	1574	0	0	9971746	9428573	10285715
13	526558	3	6.0	75	1470	1535	1161	10499878	10285716	11142858
14	726410	2	13.0	100	1926	1033	0	11230454	11142859	12000001

Total number of pulses in waveform = 32

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	135150	2	10.0	88	1681	1741	0	135150	0	666666
2	1153490	1	17.0	98	1048	0	0	1292062	666667	1333333
3	643837	1	19.0	81	1926	0	0	1936947	1333334	2000000
4	376616	2	16.0	81	1200	1200	0	2315489	2000001	2666667
5	812480	1	12.0	84	1872	0	0	3130369	2666668	3333334
6	842582	2	16.0	99	1245	1658	0	3974823	3333335	4000001
7	449820	1	20.0	84	1632	0	0	4427546	4000002	4666668
8	363052	2	19.0	69	1906	1405	0	4792230	4666669	5333335
9	786830	2	13.0	72	1685	1289	0	5582371	5333336	6000002
10	606603	2	14.0	81	1523	1982	0	6191948	6000003	6666669
11	918040	3	12.0	91	1591	1788	1992	7113493	6666670	7333336
12	272634	1	6.0	95	1297	0	0	7391498	7333337	8000003
13	790786	1	19.0	83	1430	0	0	8183581	8000004	8666670
14	682822	1	8.0	92	1644	0	0	8867833	8666671	9333337

New3RandParmBin5

15	1074703	2	10.0	61	1856	1429	0	9944180	9333338	10000004
16	66351	1	12.0	91	1907	0	0	10013816	10000005	10666671
17	778708	2	10.0	71	1283	1956	0	10794431	10666672	11333338
18	659617	3	7.0	88	1208	1441	1527	11457287	11333339	12000005

Total number of pulses in waveform = 30

♀

Waveform Num = 11

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	171819	3	5.0	54	1709	1252	1181	171819	0	631578
2	976822	3	12.0	81	1663	1658	1986	1152783	631579	1263157
3	205626	3	14.0	79	1690	1127	1060	1363716	1263158	1894736
4	967124	3	10.0	96	1603	1490	1826	2334717	1894737	2526315
5	556213	3	12.0	73	1933	1040	1567	2895849	2526316	3157894
6	512405	1	8.0	96	1989	0	0	3412794	3157895	3789473
7	611100	2	14.0	88	1667	1719	0	4025883	3789474	4421052
8	983192	2	5.0	72	1204	1415	0	5012461	4421053	5052631
9	108717	1	20.0	79	1974	0	0	5123797	5052632	5684210
10	745872	1	5.0	88	1811	0	0	5871643	5684211	6315789
11	1071166	1	10.0	72	1546	0	0	6944620	6315790	6947368
12	271537	2	9.0	63	1483	1386	0	7217703	6947369	7578947
13	616397	3	8.0	53	1132	1954	1888	7836969	7578948	8210526
14	482622	1	10.0	75	1262	0	0	8324565	8210527	8842105
15	539713	3	8.0	66	1890	1352	1252	8865540	8842106	9473684
16	813214	2	14.0	58	1127	1658	0	9683248	9473685	10105263

New3RandParmBin5

17	768286	3	5.0	56	1282	1417	1924	10454319	10105264	10736842
18	760546	3	18.0	94	1576	1615	1362	11219488	10736843	11368421
19	725673	2	6.0	51	1175	1266	0	11949714	11368422	12000000

Total number of pulses in waveform = 42

Waveform Num = 12
 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	321725	1	19.0	87	1222	0	0	321725	0	631578
2	338424	1	9.0	52	1069	0	0	661371	631579	1263157
3	1176793	1	14.0	76	1694	0	0	1839233	1263158	1894736
4	445363	2	9.0	66	1141	1419	0	2286290	1894737	2526315
5	847361	3	6.0	85	1399	1245	1214	3136211	2526316	3157894
6	357014	2	15.0	51	1333	1558	0	3497083	3157895	3789473
7	496854	1	11.0	67	1029	0	0	3996828	3789474	4421052
8	475968	1	15.0	77	1800	0	0	4473825	4421053	5052631
9	765555	1	11.0	85	1531	0	0	5241180	5052632	5684210
10	702617	3	13.0	87	1977	1584	1777	5945328	5684211	6315789
11	768928	2	10.0	63	1394	1906	0	6719594	6315790	6947368
12	640107	2	12.0	77	1470	1844	0	7363001	6947369	7578947
13	487046	3	16.0	62	1080	1945	1118	7853361	7578948	8210526
14	833730	3	18.0	68	1038	1530	1627	8691234	8210527	8842105
15	625503	3	17.0	73	1901	1204	1546	9320932	8842106	9473684
16	606846	1	15.0	54	1885	0	0	9932429	9473685	10105263
17	341196	2	5.0	97	1472	1242	0	10275510	10105264	10736842

New3RandParmBin5

18 1036476 2 15.0 97 1319 1180 0 11314700 10736843 11368421
 332165
 19 332165 1 7.0 50 1683 0 0 11649364 11368422 12000000

Total number of pulses in waveform = 35

♀
 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	1326682	1	11.0	87	1267	0	0	1326682	0	1333332
2	478502	1	10.0	69	1057	0	0	1806451	1333333	2666665
3	1745163	2	11.0	93	1280	1443	0	3552671	2666666	3999998
4	1226858	2	12.0	56	1373	1189	0	4782252	3999999	5333331
5	982499	1	9.0	60	1760	0	0	5767313	5333332	6666664
6	1652484	2	16.0	73	1564	1252	0	7421557	6666665	7999997
7	1240500	1	19.0	70	1670	0	0	8664873	7999998	9333330
8	912513	1	17.0	73	1623	0	0	9579056	9333331	10666663
9	1409254	1	17.0	65	1977	0	0	10989933	10666664	11999996

Total number of pulses in waveform = 12

♀
 Waveform Num = 14
 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	760703	1	20.0	70	1500	0	0	760703	0	1199999
2	1248820	3	7.0	58	1523	1134	1239	2011023	1200000	2399999
3	1520698	1	10.0	67	1241	0	0	3535617	2400000	3599999
4	1187485	2	17.0	57	1396	1140	0	4724343	3600000	4799999
5	1205536	2	14.0	61	1169	1789	0	5932415	4800000	5999999

New3RandParmBin5

6	1161655	3	8.0	92	1319	1010	1454	7097028	6000000	7199999
7	766278	2	16.0	67	1522	1823	0	7867089	7200000	8399999
8	768412	1	19.0	58	1163	0	0	8638846	8400000	9599999
9	1324142	2	12.0	73	1076	1965	0	9964151	9600000	10799999
10	1531539	2	6.0	50	1126	1007	0	11498731	10800000	11999999

Total number of pulses in waveform = 19

♀

Waveform Num = 15
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	980518	2	20.0	61	1470	1669	0	980518	0	1499999
2	1311529	2	12.0	98	1552	1601	0	2295186	1500000	2999999
3	973067	1	20.0	100	1154	0	0	3271406	3000000	4499999
4	2414134	3	11.0	85	1407	1567	1515	5686694	4500000	5999999
5	568947	1	6.0	94	1788	0	0	6260130	6000000	7499999
6	2249378	3	5.0	63	1272	1430	1413	8511296	7500000	8999999
7	1098505	1	11.0	76	1527	0	0	9613916	9000000	10499999
8	1678737	3	15.0	62	1861	1672	1392	11294180	10500000	11999999

Total number of pulses in waveform = 16

♀

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	727438	3	8.0	100	1380	1133	1003	727438	0	999999
2	1263960	1	15.0	55	1217	0	0	1994914	1000000	1999999
3	244542	2	11.0	95	1831	1402	0	2240673	2000000	2999999

New3RandParmBin5

4	1518037	2	12.0	55	1722	1275	0	3761943	3000000	3999999
5	458052	3	15.0	66	1185	1073	1323	4222992	4000000	4999999
6	1275578	1	6.0	51	1456	0	0	5502151	5000000	5999999
7	1059103	2	15.0	74	1765	1836	0	6562710	6000000	6999999
8	1365768	1	17.0	82	1975	0	0	7932079	7000000	7999999
9	437924	3	19.0	54	1788	1782	1070	8371978	8000000	8999999
10	1320523	1	15.0	69	1430	0	0	9697141	9000000	9999999
11	1078271	2	16.0	91	1800	1897	0	10776842	10000000	10999999
12	767072	3	7.0	51	1659	1068	1669	11547611	11000000	11999999

Total number of pulses in waveform = 24

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	864094	3	20.0	55	1780	1353	1284	864094	0	999999
2	179361	2	6.0	54	1481	1636	0	1047872	1000000	1999999
3	1417349	3	11.0	96	1676	1403	1386	2468338	2000000	2999999
4	1357988	3	6.0	95	1979	1083	1523	3830791	3000000	3999999
5	317454	3	8.0	62	1819	1580	1483	4152830	4000000	4999999
6	1416346	1	18.0	50	1359	0	0	5574058	5000000	5999999
7	1418447	3	12.0	50	1065	1015	1083	6993864	6000000	6999999
8	219511	1	14.0	77	1710	0	0	7216538	7000000	7999999
9	1466633	3	10.0	52	1215	1965	1591	8684881	8000000	8999999
10	796049	1	11.0	97	1482	0	0	9485701	9000000	9999999
11	1346932	3	19.0	53	1339	1334	1897	10834115	10000000	10999999

New3RandParmBin5

444194
 12 1 9.0 92 1224 0 0 11282879 11000000 11999999
 Total number of pulses in waveform = 27

♀
 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	464834	1	16.0	79	1071	0	0	464834	0	799999
2	351347	3	10.0	93	1597	1817	1123	817252	800000	1599999
3	1517536	3	15.0	77	1249	1777	1159	2339325	1600000	2399999
4	109203	3	5.0	94	1943	1108	1621	2452713	2400000	3199999
5	1478226	1	5.0	83	1550	0	0	3935611	3200000	3999999
6	647847	3	11.0	71	1446	1178	1637	4585008	4000000	4799999
7	635786	1	8.0	57	1988	0	0	5225055	4800000	5599999
8	1118071	2	7.0	69	1671	1072	0	6345114	5600000	6399999
9	403906	1	6.0	85	1112	0	0	6751763	6400000	7199999
10	1234687	3	14.0	82	1774	1545	1959	7987562	7200000	7999999
11	386738	2	18.0	80	1091	1245	0	8379578	8000000	8799999
12	614918	2	7.0	88	1441	1327	0	8996832	8800000	9599999
13	1053530	2	16.0	87	1876	1090	0	10053130	9600000	10399999
14	957049	1	14.0	63	1898	0	0	11013145	10400000	11199999
15	340308	2	15.0	56	1272	1867	0	11355351	11200000	11999999

Total number of pulses in waveform = 30

♀
 Waveform Num = 19
 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)
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New3RandParmBin5

1	383767	1	17.0	53	1498	0	0	383767	0	705881
2	642350	2	9.0	85	1202	1800	0	1027615	705882	1411763
3	479781	3	10.0	97	1319	1185	1821	1510398	1411764	2117645
4	944596	3	15.0	98	1712	1126	1468	2459319	2117646	2823527
5	515097	2	15.0	99	1242	1095	0	2978722	2823528	3529409
6	1007044	2	19.0	73	1974	1191	0	3988103	3529410	4235291
7	735955	3	13.0	86	1953	1730	1108	4727223	4235292	4941173
8	387730	3	19.0	99	1887	1574	1843	5119744	4941174	5647055
9	994892	2	7.0	55	1120	1306	0	6119940	5647056	6352937
10	386725	2	10.0	98	1743	1234	0	6509091	6352938	7058819
11	1032138	2	7.0	72	1310	1777	0	7544206	7058820	7764701
12	580373	2	18.0	99	1762	1946	0	8127666	7764702	8470583
13	481414	3	11.0	79	1793	1967	1631	8612788	8470584	9176465
14	659682	2	10.0	67	1449	1592	0	9277861	9176466	9882347
15	1261246	1	19.0	73	1335	0	0	10542148	9882348	10588229
16	208275	3	16.0	68	1164	1855	1878	10751758	10588230	11294111
17	960992	3	7.0	97	1002	1530	1578	11717647	11294112	11999993

Total number of pulses in waveform = 39

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	370860	3	8.0	68	1783	1329	1487	370860	0	999999
2	840188	2	6.0	78	1416	1792	0	1215647	1000000	1999999
3	926331	2	7.0	76	1786	1640	0	2145186	2000000	2999999

New3RandParmBin5

4	883363	1	14.0	83	1299	0	0	3031975	3000000	3999999
5	1864365	1	17.0	77	1567	0	0	4897639	4000000	4999999
6	996046	1	14.0	99	1513	0	0	5895252	5000000	5999999
7	578974	2	16.0	100	1295	1625	0	6475739	6000000	6999999
8	560361	1	20.0	50	1922	0	0	7039020	7000000	7999999
9	1560409	2	18.0	50	1619	1699	0	8601351	8000000	8999999
10	565261	1	7.0	57	1411	0	0	9169930	9000000	9999999
11	1439156	3	13.0	84	1458	1228	1397	10610497	10000000	10999999
12	451696	1	16.0	68	1711	0	0	11066276	11000000	11999999

Total number of pulses in waveform = 20

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	804430	2	20.0	74	1586	1518	0	804430	0	1333332
2	1643896	2	16.0	72	1970	1755	0	2451430	1333333	2666665
3	1040141	1	20.0	66	1089	0	0	3495296	2666666	3999998
4	859564	1	9.0	93	1620	0	0	4355949	3999999	5333331
5	1636914	2	18.0	65	1627	1406	0	5994483	5333332	6666664
6	1586645	2	6.0	89	1700	1825	0	7584161	6666665	7999997
7	1036161	1	6.0	99	1616	0	0	8623847	7999998	9333330
8	1557149	1	8.0	84	1336	0	0	10182612	9333331	10666663
9	642961	1	10.0	85	1949	0	0	10826909	10666664	11999996

Total number of pulses in waveform = 13

Waveform Num = 22
 Num of Bursts = 18

New3RandParmBin5

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	143942	3	18.0	74	1267	1122	1651	143942	0	666666
2	1105800	2	17.0	82	1407	1844	0	1253782	666667	1333333
3	698073	1	9.0	89	1064	0	0	1955106	1333334	2000000
4	334644	2	10.0	55	1894	1855	0	2290814	2000001	2666667
5	579388	1	5.0	95	1025	0	0	2873951	2666668	3333334
6	708502	1	6.0	66	1481	0	0	3583478	3333335	4000001
7	957908	1	9.0	68	1683	0	0	4542867	4000002	4666668
8	350966	1	11.0	78	1153	0	0	4895516	4666669	5333335
9	640946	3	18.0	100	1396	1666	1543	5537615	5333336	6000002
10	1028341	3	11.0	71	1140	1597	1427	6570561	6000003	6666669
11	411010	2	5.0	88	1591	1050	0	6985735	6666670	7333336
12	365579	3	20.0	86	1482	1912	1894	7353955	7333337	8000003
13	1268806	2	15.0	59	1713	1861	0	8628049	8000004	8666670
14	349273	1	5.0	58	1405	0	0	8980896	8666671	9333337
15	819136	1	19.0	89	1670	0	0	9801437	9333338	10000004
16	420922	3	16.0	53	1738	1520	1523	10224029	10000005	10666671
17	775064	3	12.0	67	1836	1340	1345	11003874	10666672	11333338
18	528363	2	5.0	54	1910	1411	0	11536758	11333339	12000005

Total number of pulses in waveform = 35

Waveform Num = 23

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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New3RandParmBin5

1	30313	3	16.0	67	1269	1655	1827	30313	0	749999
2	1254054	2	12.0	96	1689	1427	0	1289118	750000	1499999
3	457106	1	8.0	59	1669	0	0	1749340	1500000	2249999
4	1140476	2	17.0	51	1890	1985	0	2891485	2250000	2999999
5	584433	1	18.0	60	1415	0	0	3479793	3000000	3749999
6	464032	2	7.0	57	1490	1689	0	3945240	3750000	4499999
7	1013200	1	11.0	86	1523	0	0	4961619	4500000	5249999
8	843736	2	19.0	91	1610	1036	0	5806878	5250000	5999999
9	625233	2	7.0	84	1062	1299	0	6434757	6000000	6749999
10	863646	2	9.0	89	1916	1221	0	7300764	6750000	7499999
11	320731	2	13.0	100	1711	1016	0	7624632	7500000	8249999
12	1205966	3	11.0	81	1914	1652	1773	8833325	8250000	8999999
13	801756	2	5.0	52	1900	1526	0	9640420	9000000	9749999
14	134952	1	12.0	64	1207	0	0	9778798	9750000	10499999
15	1193222	2	16.0	65	1527	1678	0	10973227	10500000	11249999
16	846656	3	8.0	61	1805	2000	1062	11823088	11250000	11999999

Total number of pulses in waveform = 31

‡
 Waveform Num = 24
 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	157777	2	16.0	58	1501	1765	0	157777	0	631578
2	665344	3	5.0	88	1733	1413	1831	826387	631579	1263157
3	635074	1	17.0	69	1411	0	0	1466438	1263158	1894736
4	974702	1	6.0	65	1460	0	0	2442551	1894737	2526315

New3RandParmBin5

5	466137	1	12.0	95	1606	0	0	2910148	2526316	3157894
6	874433	2	8.0	89	1167	1657	0	3786187	3157895	3789473
7	212465	3	9.0	86	1227	1668	1451	4001476	3789474	4421052
8	748957	2	10.0	75	1996	1874	0	4754779	4421053	5052631
9	729251	1	8.0	64	1912	0	0	5487900	5052632	5684210
10	508953	2	16.0	88	1135	1461	0	5998765	5684211	6315789
11	754741	3	7.0	72	1610	1308	1292	6756102	6315790	6947368
12	737325	3	12.0	84	1838	1807	1856	7497637	6947369	7578947
13	274403	3	14.0	71	1119	1363	1601	7777541	7578948	8210526
14	1003216	2	5.0	86	1654	1163	0	8784840	8210527	8842105
15	241395	1	7.0	95	1614	0	0	9029052	8842106	9473684
16	990549	1	10.0	61	1782	0	0	10021215	9473685	10105263
17	671477	2	10.0	63	1591	1999	0	10694474	10105264	10736842
18	113815	1	6.0	50	1440	0	0	10811879	10736843	11368421
19	568237	2	12.0	63	1997	1409	0	11381556	11368422	12000000

Total number of pulses in waveform = 36

♀
 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	180661	3	12.0	61	1854	1673	1305	180661	0	799999
2	940185	2	7.0	53	1561	1312	0	1125678	800000	1599999
3	1009583	3	8.0	100	1963	1382	1762	2138134	1600000	2399999
4	265251	1	19.0	68	1406	0	0	2408492	2400000	3199999
5	1336449	2	11.0	76	1334	1175	0	3746347	3200000	3999999

New3RandParmBin5

6	833474	3	14.0	100	1365	1127	1631	4582330	4000000	4799999
7	362286	1	11.0	87	1024	0	0	4948739	4800000	5599999
8	1435405	1	12.0	99	1542	0	0	6385168	5600000	6399999
9	289010	1	15.0	86	1267	0	0	6675720	6400000	7199999
10	1099307	3	10.0	98	1243	1882	1881	7776294	7200000	7999999
11	563872	2	6.0	87	1314	1859	0	8345172	8000000	8799999
12	1142566	3	15.0	57	1709	1522	1472	9490911	8800000	9599999
13	415287	2	16.0	74	1889	1644	0	9910901	9600000	10399999
14	917926	3	15.0	71	1882	1135	1663	10832360	10400000	11199999
15	467898	3	18.0	98	1215	1577	1132	11304938	11200000	11999999

Total number of pulses in waveform = 33

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	917050	2	15.0	70	1309	1504	0	917050	0	999999
2	158844	2	11.0	95	1224	1467	0	1078707	1000000	1999999
3	1379444	1	11.0	98	1317	0	0	2460842	2000000	2999999
4	912986	1	19.0	89	1518	0	0	3375145	3000000	3999999
5	1243364	2	8.0	50	1087	1491	0	4620027	4000000	4999999
6	1364467	1	14.0	68	1632	0	0	5987072	5000000	5999999
7	291183	2	20.0	77	1628	1914	0	6279887	6000000	6999999
8	1451307	2	7.0	82	1773	1860	0	7734736	7000000	7999999
9	444956	2	12.0	87	1587	1374	0	8183325	8000000	8999999
10	1021797	1	5.0	70	1206	0	0	9208083	9000000	9999999

New3RandParmBin5

11	1744508	1	5.0	72	1918	0	0	10953797	10000000	10999999
	99461									
12		1	15.0	76	1438	0	0	11055176	11000000	11999999

Total number of pulses in waveform = 18

♀

Waveform Num = 27

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	132996	3	12.0	57	1943	1991	1314	132996	0	599999
2	707783	1	6.0	85	1959	0	0	846027	600000	1199999
3	927870	3	14.0	89	1943	1578	1273	1775856	1200000	1799999
4	475242	2	10.0	67	1108	1799	0	2255892	1800000	2399999
5	451445	2	7.0	93	1476	1230	0	2710244	2400000	2999999
6	821403	1	6.0	71	1057	0	0	3534353	3000000	3599999
7	145786	2	17.0	90	1843	1821	0	3681196	3600000	4199999
8	643319	2	13.0	92	1913	1888	0	4328179	4200000	4799999
9	786013	1	19.0	56	1106	0	0	5117993	4800000	5399999
10	868434	1	19.0	62	1590	0	0	5987533	5400000	5999999
11	518200	1	7.0	83	1604	0	0	6507323	6000000	6599999
12	239635	3	15.0	57	1123	1776	1451	6748562	6600000	7199999
13	660448	2	10.0	54	1203	1441	0	7413360	7200000	7799999
14	565787	2	13.0	82	1787	1373	0	7981791	7800000	8399999
15	773304	2	14.0	66	1807	1139	0	8758255	8400000	8999999
16	375751	1	10.0	65	1572	0	0	9136952	9000000	9599999
17	668211	1	16.0	64	1152	0	0	9806735	9600000	10199999
18	622378	3	13.0	52	1006	1798	1503	10430265	10200000	10799999

New3RandParmBin5

19	421987	2	14.0	76	1951	1090	0	10856559	10800000	11399999
	1068011									
20		1	7.0	87	1151	0	0	11927611	11400000	11999999

Total number of pulses in waveform = 36

♀

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	264841	1	19.0	77	1460	0	0	264841	0	749999
2	1123927	3	14.0	85	1874	1466	1871	1390228	750000	1499999
3	317774	1	5.0	86	1508	0	0	1713213	1500000	2249999
4	1043756	2	8.0	87	1627	1420	0	2758477	2250000	2999999
5	703787	1	5.0	69	1742	0	0	3465311	3000000	3749999
6	336574	1	5.0	83	1468	0	0	3803627	3750000	4499999
7	1354241	2	16.0	60	1866	1907	0	5159336	4500000	5249999
8	162884	3	9.0	63	1067	1855	1322	5325993	5250000	5999999
9	1151359	1	9.0	60	1060	0	0	6481596	6000000	6749999
10	417486	3	6.0	86	1496	1331	1490	6900142	6750000	7499999
11	802447	3	11.0	93	1287	1430	1016	7706906	7500000	8249999
12	688398	1	15.0	51	1804	0	0	8399037	8250000	8999999
13	919027	3	14.0	81	1175	1084	1817	9319868	9000000	9749999
14	921058	2	7.0	99	1628	1929	0	10245002	9750000	10499999
15	655745	3	17.0	71	1733	1850	1248	10904304	10500000	11249999
16	590542	1	20.0	78	1025	0	0	11499677	11250000	11999999

Total number of pulses in waveform = 31

♀

Waveform Num = 29
 Num of Bursts = 18

New3RandParmBin5

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	453042	2	9.0	77	1078	1050	0	453042	0	666666
2	767763	2	6.0	70	1810	1498	0	1222933	666667	1333333
3	374460	3	17.0	57	1922	1890	1014	1600701	1333334	2000000
4	958202	2	12.0	76	1559	1064	0	2563729	2000001	2666667
5	282412	2	10.0	54	1255	1172	0	2848764	2666668	3333334
6	892924	2	14.0	62	1650	1885	0	3744115	3333335	4000001
7	837594	2	12.0	65	1927	1976	0	4585244	4000002	4666668
8	329654	1	20.0	79	1030	0	0	4918801	4666669	5333335
9	553726	1	19.0	64	1539	0	0	5473557	5333336	6000002
10	971167	3	16.0	84	1468	1396	1138	6446263	6000003	6666669
11	478756	3	5.0	85	1019	1137	1216	6929021	6666670	7333336
12	516286	1	12.0	79	1120	0	0	7448679	7333337	8000003
13	706062	1	5.0	71	1870	0	0	8155861	8000004	8666670
14	1070658	3	12.0	51	1966	1920	1254	9228389	8666671	9333337
15	405230	3	17.0	85	1561	1178	1366	9638759	9333338	10000004
16	841569	3	13.0	75	1184	1495	1400	10484433	10000005	10666671
17	658564	2	13.0	56	1572	1746	0	11147076	10666672	11333338
18	645347	3	8.0	62	1757	1303	1273	11795741	11333339	12000005

Total number of pulses in waveform = 39

Waveform Num = 30

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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New3RandParmBin5

1	197067	1	9.0	78	1364	0	0	197067	0	749999
2	953921	3	9.0	96	1669	1182	1413	1152352	750000	1499999
3	1041139	3	16.0	83	1296	1365	1170	2197755	1500000	2249999
4	139444	1	19.0	51	1989	0	0	2341030	2250000	2999999
5	729563	1	12.0	51	1624	0	0	3072582	3000000	3749999
6	1365363	2	11.0	96	1013	1755	0	4439569	3750000	4499999
7	288918	1	14.0	52	1321	0	0	4731255	4500000	5249999
8	1142777	1	13.0	53	1309	0	0	5875353	5250000	5999999
9	345073	3	11.0	66	1548	1272	1250	6221735	6000000	6749999
10	1089927	3	15.0	58	1331	1375	1863	7315732	6750000	7499999
11	656653	2	8.0	75	1112	1496	0	7976954	7500000	8249999
12	620303	1	20.0	55	1980	0	0	8599865	8250000	8999999
13	1107146	1	20.0	71	1077	0	0	9708991	9000000	9749999
14	340777	1	10.0	89	1432	0	0	10050845	9750000	10499999
15	825536	1	12.0	94	1358	0	0	10877813	10500000	11249999
16	753070	2	8.0	62	1865	1710	0	11632241	11250000	11999999

Total number of pulses in waveform = 27

‡