

New3RandParmBi n5

Random DFS waveform parameters (NewBi n5) 23-Jun-2015 08: 50: 15

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1221897	3	20.0	72	1428	1262	1736	1221897	0	1333332
2	781340	3	10.0	63	1080	1531	1138	2007663	1333333	2666665
3	1431158	3	11.0	90	1960	1689	1536	3442570	2666666	3999998
4	1214629	1	16.0	92	1465	0	0	4662384	3999999	5333331
5	1308733	2	20.0	81	1395	1352	0	5972582	5333332	6666664
6	1655504	3	9.0	50	1065	1063	1337	7630833	6666665	7999997
7	1327034	3	7.0	82	1806	1965	1138	8961332	7999998	9333330
8	582814	2	8.0	90	1958	1294	0	9549055	9333331	10666663
9	1771436	2	8.0	60	1526	1843	0	11323743	10666664	11999996

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	329899	1	11.0	95	1413	0	0	329899	0	1499999
2	2548754	1	8.0	80	1813	0	0	2880066	1500000	2999999
3	423534	2	12.0	55	1628	1353	0	3305413	3000000	4499999
4	2370442	2	17.0	94	1351	1669	0	5678836	4500000	5999999
5	1168760	2	10.0	66	1356	1415	0	6850616	6000000	7499999

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6	1597620	2	13.0	68	1172	1386	0	8451007	7500000	8999999
7	903958	3	19.0	84	1915	1849	1662	9357523	9000000	10499999
8	2237610	3	7.0	98	1527	1735	1267	11600559	10500000	11999999

Total number of pulses in waveform = 16

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	306913	2	14.0	71	1785	1147	0	306913	0	631578
2	763883	1	14.0	71	1155	0	0	1073728	631579	1263157
3	220422	1	14.0	76	1850	0	0	1295305	1263158	1894736
4	684064	1	12.0	85	1323	0	0	1981219	1894737	2526315
5	917662	1	19.0	89	1482	0	0	2900204	2526316	3157894
6	746630	3	17.0	94	1107	1053	1237	3648316	3157895	3789473
7	282749	1	18.0	53	1219	0	0	3934462	3789474	4421052
8	788417	3	13.0	51	1343	1986	1662	4724098	4421053	5052631
9	342060	2	20.0	97	1639	1481	0	5071149	5052632	5684210
10	918448	1	11.0	73	1283	0	0	5992717	5684211	6315789
11	894566	2	9.0	65	1017	1862	0	6888566	6315790	6947368
12	319737	2	8.0	58	1562	1893	0	7211182	6947369	7578947
13	400785	2	9.0	74	1847	1327	0	7615422	7578948	8210526
14	1161763	3	8.0	89	1982	1221	1705	8780359	8210527	8842105
15	278001	3	6.0	64	1193	1552	1657	9063268	8842106	9473684

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16	965819	1	19.0	77	1515	0	0	10033489	9473685	10105263
17	308018	2	15.0	67	1611	1438	0	10343022	10105264	10736842
18	712094	2	6.0	90	1652	1095	0	11058165	10736843	11368421
19	418970	1	20.0	76	1060	0	0	11479882	11368422	12000000

Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	706623	2	9.0	52	1405	1582	0	706623	0	1333332
2	1203911	1	6.0	61	1545	0	0	1913521	1333333	2666665
3	1545722	3	16.0	54	1763	1309	1789	3460788	2666666	3999998
4	598420	2	5.0	63	1526	1363	0	4064069	3999999	5333331
5	2175513	3	17.0	93	1817	1499	2000	6242471	5333332	6666664
6	1269287	1	16.0	89	1307	0	0	7517074	6666665	7999997
7	1310336	3	20.0	92	1806	1366	1108	8828717	7999998	9333330
8	1053666	1	13.0	74	1304	0	0	9886663	9333331	10666663
9	1625268	1	6.0	76	1145	0	0	11513235	10666664	11999996

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	653792	3	19.0	56	1434	1402	1738	653792	0	857142

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2	428730	3	14.0	59	1019	1582	1005	1087096	857143	1714285
3	1004000	1	15.0	53	1548	0	0	2094702	1714286	2571428
4	615680	1	11.0	98	1847	0	0	2711930	2571429	3428571
5	1170420	3	17.0	82	1611	1266	1518	3884197	3428572	4285714
6	812207	1	20.0	64	1142	0	0	4700799	4285715	5142857
7	578533	3	17.0	88	1702	1110	1530	5280474	5142858	6000000
8	832953	1	15.0	50	1977	0	0	6117769	6000001	6857143
9	802667	2	14.0	77	1874	1499	0	6922413	6857144	7714286
10	1219384	2	15.0	88	1011	1550	0	8145170	7714287	8571429
11	773542	2	16.0	53	1407	1730	0	8921273	8571430	9428572
12	760623	3	15.0	72	1821	1590	1012	9685033	9428573	10285715
13	1207742	2	16.0	81	1527	1579	0	10897198	10285716	11142858
14	333559	1	8.0	75	1844	0	0	11233863	11142859	12000001

Total number of pulses in waveform = 28

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	451490	1	12.0	59	1282	0	0	451490	0	857142
2	779677	1	18.0	95	1948	0	0	1232449	857143	1714285
3	1225930	3	13.0	98	1411	1961	1773	2460327	1714286	2571428
4	261760	3	18.0	85	1374	1113	1818	2727232	2571429	3428571
5	1053626	2	8.0	66	1310	1316	0	3785163	3428572	4285714

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6	1260593	1	10.0	60	1819	0	0	5048382	4285715	5142857
7	118163	2	11.0	69	1715	1748	0	5168364	5142858	6000000
8	1380232	3	19.0	76	1722	1919	1776	6552059	6000001	6857143
9	1129540	1	18.0	86	1209	0	0	7687016	6857144	7714286
10	261445	1	13.0	57	1187	0	0	7949670	7714287	8571429
11	927111	3	15.0	85	1524	1173	1584	8877968	8571430	9428572
12	865459	1	20.0	57	1605	0	0	9747708	9428573	10285715
13	1217786	3	7.0	80	1588	1301	1609	10967099	10285716	11142858
14	890137	3	17.0	71	1459	1710	1906	11861734	11142859	12000001

Total number of pulses in waveform = 28

Waveform Num = 7
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	794162	2	13.0	80	1672	1589	0	794162	0	799999
2	306879	3	13.0	62	1772	1442	1073	1104302	800000	1599999
3	647127	2	20.0	53	1265	1199	0	1755716	1600000	2399999
4	1028620	3	17.0	59	1069	1204	1884	2786800	2400000	3199999
5	665335	2	16.0	77	1350	1333	0	3456292	3200000	3999999
6	745333	3	8.0	72	1524	1811	1013	4204308	4000000	4799999
7	1242187	2	9.0	95	1239	1602	0	5450843	4800000	5599999
8	920244	3	10.0	71	1980	1737	1077	6373928	5600000	6399999
9	68370	3	7.0	77	1064	1177	1808	6447092	6400000	7199999

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10	1421768	3	18.0	96	1249	1555	1728	7872909	7200000	7999999
11	270059	1	14.0	93	1339	0	0	8147500	8000000	8799999
12	686178	2	15.0	70	1700	1891	0	8835017	8800000	9599999
13	1299343	3	12.0	93	1647	1593	1013	10137951	9600000	10399999
14	469537	1	7.0	74	1329	0	0	10611741	10400000	11199999
15	650858	3	19.0	95	1529	1975	1329	11263928	11200000	11999999

Total number of pulses in waveform = 36

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	521210	1	11.0	91	1217	0	0	521210	0	749999
2	646819	2	18.0	95	1471	1262	0	1169246	750000	1499999
3	673858	3	6.0	85	1502	1570	1595	1845837	1500000	2249999
4	404475	2	12.0	99	1858	1847	0	2254979	2250000	2999999
5	1192634	2	15.0	86	1694	1219	0	3451318	3000000	3749999
6	955843	1	19.0	52	1953	0	0	4410074	3750000	4499999
7	367611	3	11.0	50	1147	1701	1999	4779638	4500000	5249999
8	470296	2	19.0	83	1383	1674	0	5254781	5250000	5999999
9	1098465	2	7.0	62	1869	1083	0	6356303	6000000	6749999
10	436297	1	14.0	89	1144	0	0	6795552	6750000	7499999
11	762916	3	15.0	64	1759	1506	1047	7559612	7500000	8249999
12	1039751	3	8.0	99	1862	1093	1276	8603675	8250000	8999999

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13	444567	3	15.0	85	1673	1532	1947	9052473	9000000	9749999
14	1169670	2	12.0	63	1397	1277	0	10227295	9750000	10499999
15	446624	3	17.0	89	1256	1160	1023	10676593	10500000	11249999
16	826298	3	7.0	98	1478	1984	1290	11506330	11250000	11999999

Total number of pulses in waveform = 36

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	427598	3	12.0	60	1460	1905	1108	427598	0	705881
2	389025	1	7.0	98	1173	0	0	821096	705882	1411763
3	654777	2	12.0	77	1579	1652	0	1477046	1411764	2117645
4	1337308	1	12.0	52	1015	0	0	2817585	2117646	2823527
5	258648	2	6.0	79	1562	1828	0	3077248	2823528	3529409
6	723343	3	6.0	74	1805	1333	1929	3803981	3529410	4235291
7	777260	2	17.0	93	1529	1765	0	4586308	4235292	4941173
8	621676	1	16.0	79	1076	0	0	5211278	4941174	5647055
9	488638	2	7.0	85	1046	1992	0	5700992	5647056	6352937
10	882699	3	12.0	70	1831	1000	1844	6586729	6352938	7058819
11	1020379	3	7.0	84	1442	1258	1030	7611783	7058820	7764701
12	828383	2	15.0	92	1110	1701	0	8443896	7764702	8470583
13	77106	2	9.0	53	1346	1919	0	8523813	8470584	9176465
14	1137398	2	15.0	62	1831	1709	0	9664476	9176466	9882347

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15	240860	3	6.0	74	1228	1144	1880	9908876	9882348	10588229
16	1349531	2	17.0	62	1109	1822	0	11262659	10588230	11294111
17	450528	2	14.0	65	1647	1515	0	11716118	11294112	11999993

Total number of pulses in waveform = 36

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	56461	3	16.0	61	1261	1119	1522	56461	0	666666
2	1032566	3	18.0	72	1478	1857	1059	1092929	666667	1333333
3	437803	1	11.0	99	1597	0	0	1535126	1333334	2000000
4	675541	2	5.0	86	1616	1522	0	2212264	2000001	2666667
5	1012158	1	10.0	90	1195	0	0	3227560	2666668	3333334
6	111267	3	19.0	52	1975	1254	1236	3340022	3333335	4000001
7	1112361	3	13.0	82	1855	1502	1356	4456848	4000002	4666668
8	433061	1	9.0	78	1244	0	0	4894622	4666669	5333335
9	861357	2	16.0	59	1341	1198	0	5757223	5333336	6000002
10	765106	2	11.0	68	1019	1202	0	6524868	6000003	6666669
11	682666	1	9.0	57	1978	0	0	7209755	6666670	7333336
12	324050	1	13.0	88	1995	0	0	7535783	7333337	8000003
13	1065408	3	15.0	99	1415	1962	1177	8603186	8000004	8666670
14	429137	2	11.0	94	1140	1721	0	9036877	8666671	9333337
15	579622	2	9.0	54	1882	1752	0	9619360	9333338	10000004

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16	825278	2	13.0	50	1040	1654	0	10448272	10000005	10666671
17	309020	2	7.0	58	1407	1319	0	10759986	10666672	11333338
18	726275	3	16.0	53	1229	1375	1162	11488987	11333339	12000005

Total number of pulses in waveform = 37

♀
 Waveform Num = 11
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	580874	3	6.0	87	1048	1790	1599	580874	0	923076
2	828500	2	15.0	58	1115	1890	0	1413811	923077	1846153
3	913546	3	13.0	82	1447	1139	1378	2330362	1846154	2769230
4	1070072	1	5.0	84	1153	0	0	3404398	2769231	3692307
5	889262	3	9.0	71	1353	1376	1453	4294813	3692308	4615384
6	612050	2	11.0	100	1364	1338	0	4911045	4615385	5538461
7	925727	2	18.0	89	1559	1883	0	5839474	5538462	6461538
8	1022196	1	14.0	78	1345	0	0	6865112	6461539	7384615
9	599128	2	20.0	55	1074	1143	0	7465585	7384616	8307692
10	860039	2	19.0	63	1028	1934	0	8327841	8307693	9230769
11	1208260	2	12.0	90	1884	1486	0	9539063	9230770	10153846
12	1526441	1	9.0	100	1800	0	0	11068874	10153847	11076923
13	92914	1	8.0	89	1288	0	0	11163588	11076924	12000000

Total number of pulses in waveform = 25

♀
 Waveform Num = 12
 Num of Bursts = 19

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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	622671	2	7.0	54	1886	1699	0	622671	0	631578
2	613311	3	8.0	80	1137	1108	1368	1239567	631579	1263157
3	311646	3	17.0	63	1961	1288	1501	1554826	1263158	1894736
4	541810	2	6.0	86	1450	1300	0	2101386	1894737	2526315
5	885595	1	8.0	65	1292	0	0	2989731	2526316	3157894
6	261546	2	11.0	74	1562	1267	0	3252569	3157895	3789473
7	859024	1	14.0	64	1834	0	0	4114422	3789474	4421052
8	435271	2	8.0	94	1626	1274	0	4551527	4421053	5052631
9	705636	1	9.0	64	1117	0	0	5260063	5052632	5684210
10	1011938	1	8.0	81	1852	0	0	6273118	5684211	6315789
11	401478	2	15.0	100	1404	1891	0	6676448	6315790	6947368
12	284771	1	12.0	100	1885	0	0	6964514	6947369	7578947
13	982339	2	14.0	92	1827	1109	0	7948738	7578948	8210526
14	467188	3	14.0	98	1804	1358	1551	8418862	8210527	8842105
15	586487	3	7.0	79	1322	1033	1293	9010062	8842106	9473684
16	825793	1	18.0	54	1171	0	0	9839503	9473685	10105263
17	345546	1	8.0	72	1880	0	0	10186220	10105264	10736842
18	664308	2	11.0	60	1709	1236	0	10852408	10736843	11368421
19	719084	3	15.0	90	1186	1599	1043	11574437	11368422	12000000

Total number of pulses in waveform = 36

♀

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	3808	1	16.0	94	1197	0	0	3808	0	749999
2	788976	2	12.0	90	1906	1885	0	793981	750000	1499999
3	705042	1	16.0	64	1479	0	0	1502814	1500000	2249999
4	1045811	1	12.0	53	1927	0	0	2550104	2250000	2999999
5	722177	2	14.0	55	1798	1627	0	3274208	3000000	3749999
6	975649	2	10.0	99	1689	1692	0	4253282	3750000	4499999
7	680985	1	9.0	62	1060	0	0	4937648	4500000	5249999
8	752638	2	20.0	54	1188	1952	0	5691346	5250000	5999999
9	817947	2	14.0	65	1618	1659	0	6512433	6000000	6749999
10	463691	2	5.0	68	1652	1054	0	6979401	6750000	7499999
11	670426	3	16.0	84	1173	1726	1872	7652533	7500000	8249999
12	945982	1	11.0	73	1198	0	0	8603286	8250000	8999999
13	862080	1	6.0	97	1842	0	0	9466564	9000000	9749999
14	318392	1	12.0	66	1724	0	0	9786798	9750000	10499999
15	974888	1	5.0	94	1034	0	0	10763410	10500000	11249999
16	1091617	1	14.0	92	1050	0	0	11856061	11250000	11999999

Total number of pulses in waveform = 24

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBin5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	162129	2	6.0	93	1422	1985	0	162129	0	857142
2	1435108	3	18.0	90	1122	1971	1520	1600644	857143	1714285
3	749686	3	18.0	73	1898	1086	1341	2354943	1714286	2571428
4	319016	2	16.0	77	1239	1836	0	2678284	2571429	3428571
5	901807	3	9.0	81	1975	1087	1678	3583166	3428572	4285714
6	892041	2	10.0	63	1425	1379	0	4479947	4285715	5142857
7	1043013	3	14.0	90	1718	1518	1040	5525764	5142858	6000000
8	672019	2	7.0	98	1283	1021	0	6202059	6000001	6857143
9	1033942	2	14.0	73	1471	1278	0	7238305	6857144	7714286
10	924637	2	5.0	81	1133	1660	0	8165691	7714287	8571429
11	963386	1	10.0	92	1499	0	0	9131870	8571430	9428572
12	391725	3	18.0	51	1633	1973	1314	9525094	9428573	10285715
13	1309857	3	11.0	72	1965	1448	1102	10839871	10285716	11142858
14	776700	3	7.0	77	1349	1076	1835	11621086	11142859	12000001

Total number of pulses in waveform = 34

♀
 Waveform Num = 15
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	409476	2	15.0	70	1163	1591	0	409476	0	749999
2	920720	3	11.0	78	1814	1470	1934	1332950	750000	1499999
3	557432	3	20.0	74	1387	1912	1408	1895600	1500000	2249999

New3RandParmBi n5

4	861878	2	7.0	55	1450	1190	0	2762185	2250000	2999999
5	354432	1	20.0	72	1143	0	0	3119257	3000000	3749999
6	1374042	1	16.0	64	1641	0	0	4494442	3750000	4499999
7	143652	2	12.0	100	1026	1520	0	4639735	4500000	5249999
8	647026	3	17.0	51	1918	1079	1870	5289307	5250000	5999999
9	713450	2	10.0	99	1006	1768	0	6007624	6000000	6749999
10	1321101	1	13.0	76	1908	0	0	7331499	6750000	7499999
11	325564	2	9.0	63	1995	1603	0	7658971	7500000	8249999
12	1160777	2	18.0	95	1691	1166	0	8823346	8250000	8999999
13	353113	3	9.0	98	1268	1478	1744	9179316	9000000	9749999
14	625278	2	20.0	92	1627	1647	0	9809084	9750000	10499999
15	1300795	2	15.0	88	1897	1614	0	11113153	10500000	11249999
16	270531	2	12.0	92	1128	1368	0	11387195	11250000	11999999

Total number of pulses in waveform = 33

Waveform Num = 16
 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	205016	1	15.0	96	1599	0	0	205016	0	1199999
2	1368076	2	16.0	92	1708	1804	0	1574691	1200000	2399999
3	1511406	2	7.0	90	1430	1918	0	3089609	2400000	3599999
4	782448	3	13.0	53	1548	1227	1425	3875405	3600000	4799999
5	1916821	2	15.0	60	1706	1913	0	5796426	4800000	5999999

New3RandParmBin5

6	1220740	1	14.0	53	1539	0	0	7020785	6000000	7199999
7	1033706	3	6.0	71	1989	1293	1806	8056030	7200000	8399999
8	947220	2	11.0	66	1769	1503	0	9008338	8400000	9599999
9	1447012	3	13.0	81	1619	1131	1365	10458622	9600000	10799999
10	902793	3	9.0	64	1605	1716	1197	11365530	10800000	11999999

Total number of pulses in waveform = 22

♀
 Waveform Num = 17
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1033	3	14.0	99	1310	1560	1859	1033	0	1199999
2	2196337	3	12.0	93	1942	1360	1891	2202099	1200000	2399999
3	1383852	3	19.0	81	1369	1179	1829	3591144	2400000	3599999
4	1052870	1	17.0	66	1885	0	0	4648391	3600000	4799999
5	793089	2	14.0	89	1588	1974	0	5443365	4800000	5999999
6	1164983	1	5.0	64	1026	0	0	6611910	6000000	7199999
7	867225	3	12.0	72	1061	1975	1223	7480161	7200000	8399999
8	2001440	3	18.0	89	1051	1630	1755	9485860	8400000	9599999
9	134598	2	16.0	66	1222	1385	0	9624894	9600000	10799999
10	1848711	1	15.0	85	1638	0	0	11476212	10800000	11999999

Total number of pulses in waveform = 22

♀
 Waveform Num = 18
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	71148	2	17.0	86	1917	1486	0	71148	0	705881
2	1180966	2	9.0	56	1790	1046	0	1255517	705882	1411763
3	615685	2	13.0	75	1225	1527	0	1874038	1411764	2117645
4	708870	3	5.0	54	1633	1468	1569	2585660	2117646	2823527
5	882652	1	6.0	69	1044	0	0	3472982	2823528	3529409
6	609936	3	17.0	50	1162	1032	1894	4083962	3529410	4235291
7	754814	1	9.0	86	1320	0	0	4842864	4235292	4941173
8	455721	2	5.0	61	1648	1002	0	5299905	4941174	5647055
9	831773	3	17.0	74	1559	1125	1670	6134328	5647056	6352937
10	587287	3	8.0	93	1175	1891	1635	6725969	6352938	7058819
11	607738	3	20.0	52	1913	1248	1824	7338408	7058820	7764701
12	978270	3	8.0	98	1282	1809	1708	8321663	7764702	8470583
13	539888	2	8.0	73	1984	1337	0	8866350	8470584	9176465
14	412645	1	12.0	65	1434	0	0	9282316	9176466	9882347
15	892553	1	16.0	91	1754	0	0	10176303	9882348	10588229
16	961345	3	12.0	90	1846	1907	1136	11139402	10588230	11294111
17	557040	2	6.0	88	1583	1066	0	11701331	11294112	11999993

Total number of pulses in waveform = 37

Waveform Num = 19
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBi n5

1	653205	1	12.0	51	1875	0	0	653205	0	1499999
2	1322379	1	19.0	78	1718	0	0	1977459	1500000	2999999
3	2132755	1	11.0	83	1692	0	0	4111932	3000000	4499999
4	438137	2	9.0	78	1871	1670	0	4551761	4500000	5999999
5	2415736	1	11.0	90	1602	0	0	6971038	6000000	7499999
6	1646625	2	7.0	94	1775	1922	0	8619265	7500000	8999999
7	536169	3	10.0	76	1517	1191	1547	9159131	9000000	10499999
8	2282421	2	9.0	56	1422	1499	0	11445807	10500000	11999999

Total number of pulses in waveform = 13

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	316350	3	16.0	79	1362	1477	1062	316350	0	631578
2	361549	3	8.0	72	1425	1135	1066	681800	631579	1263157
3	976746	2	20.0	81	1670	1799	0	1662172	1263158	1894736
4	816347	3	5.0	57	1859	1907	1220	2481988	1894737	2526315
5	279279	3	15.0	100	1630	1057	1715	2766253	2526316	3157894
6	1003746	3	15.0	74	1910	1376	1673	3774401	3157895	3789473
7	465160	1	14.0	70	1561	0	0	4244520	3789474	4421052
8	686909	1	5.0	67	1733	0	0	4932990	4421053	5052631
9	148853	3	19.0	76	1122	1998	1593	5083576	5052632	5684210
10	1116849	1	9.0	90	1595	0	0	6205138	5684211	6315789

New3RandParmBin5

11	295456	2	15.0	89	1331	1666	0	6502189	6315790	6947368
12	1029611	1	19.0	78	1300	0	0	7534797	6947369	7578947
13	208217	3	6.0	58	1032	1311	1120	7744314	7578948	8210526
14	608177	3	8.0	51	1388	1737	1455	8355954	8210527	8842105
15	881611	1	8.0	80	1476	0	0	9242145	8842106	9473684
16	645288	2	9.0	84	1232	1181	0	9888909	9473685	10105263
17	282975	3	9.0	57	1765	1079	1732	10174297	10105264	10736842
18	1157574	2	12.0	68	1589	1569	0	11336447	10736843	11368421
19	51583	3	13.0	79	1860	1586	1122	11391188	11368422	12000000

Total number of pulses in waveform = 43

Waveform Num = 21
 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	70556	2	18.0	87	1347	1479	0	70556	0	999999
2	1804225	3	10.0	70	1175	1515	1631	1877607	1000000	1999999
3	368370	1	14.0	51	1340	0	0	2250298	2000000	2999999
4	841396	2	13.0	97	1396	1175	0	3093034	3000000	3999999
5	980541	3	7.0	61	1267	1526	1268	4076146	4000000	4999999
6	1354116	2	13.0	83	1777	1865	0	5434323	5000000	5999999
7	1105665	1	10.0	89	1988	0	0	6543630	6000000	6999999
8	962029	1	20.0	60	1142	0	0	7507647	7000000	7999999
9	703431	1	19.0	53	1298	0	0	8212220	8000000	8999999

New3RandParmBin5

10	873069	2	20.0	83	1034	1536	0	9086587	9000000	9999999
11	1637005	1	12.0	75	1281	0	0	10726162	10000000	10999999
12	963385	2	7.0	64	1084	1368	0	11690828	11000000	11999999

Total number of pulses in waveform = 21

♀
 Waveform Num = 22
 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	37195	2	9.0	53	1578	1681	0	37195	0	1499999
2	1601310	1	20.0	94	1706	0	0	1641764	1500000	2999999
3	1990081	2	9.0	82	1589	1186	0	3633551	3000000	4499999
4	1179130	3	14.0	58	1176	1884	1996	4815456	4500000	5999999
5	1230392	3	17.0	90	1868	1825	1512	6050904	6000000	7499999
6	1534847	2	6.0	93	1971	1188	0	7590956	7500000	8999999
7	1728136	3	15.0	71	1457	1819	1694	9322251	9000000	10499999
8	1216474	2	16.0	100	1020	1495	0	10543695	10500000	11999999

Total number of pulses in waveform = 18

♀
 Waveform Num = 23
 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	379131	2	10.0	92	1034	1144	0	379131	0	631578
2	499346	3	7.0	84	1834	1221	1477	880655	631579	1263157
3	448616	2	5.0	95	1565	1124	0	1333803	1263158	1894736

New3RandParmBi n5

4	937152	3	20.0	85	1367	1296	1002	2273644	1894737	2526315
5	799035	3	11.0	72	1345	1082	1658	3076344	2526316	3157894
6	179968	2	12.0	71	1500	1369	0	3260397	3157895	3789473
7	864150	2	20.0	67	1339	1902	0	4127416	3789474	4421052
8	905701	2	10.0	93	1518	1981	0	5036358	4421053	5052631
9	527619	3	9.0	86	1083	1476	1497	5567476	5052632	5684210
10	694040	3	6.0	86	1938	1410	1902	6265572	5684211	6315789
11	222314	3	7.0	91	1070	1141	1957	6493136	6315790	6947368
12	811249	1	12.0	98	1035	0	0	7308553	6947369	7578947
13	527002	2	8.0	60	1350	1063	0	7836590	7578948	8210526
14	429833	2	18.0	90	1400	1171	0	8268836	8210527	8842105
15	1097921	2	16.0	67	1651	1738	0	9369328	8842106	9473684
16	723035	3	10.0	56	1171	1053	1937	10095752	9473685	10105263
17	454911	1	17.0	51	1633	0	0	10554824	10105264	10736842
18	306646	3	10.0	92	1131	1372	1827	10863103	10736843	11368421
19	616673	1	16.0	90	1181	0	0	11484106	11368422	12000000

Total number of pulses in waveform = 43

‡
 Waveform Num = 24
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	492546	1	14.0	67	1061	0	0	492546	0	666666
2	677318	1	8.0	76	1073	0	0	1170925	666667	1333333

New3RandParmBi n5

3	808194	2	18.0	96	1139	1824	0	1980192	1333334	2000000
4	416715	1	19.0	85	1646	0	0	2399870	2000001	2666667
5	279028	2	5.0	82	1407	1018	0	2680544	2666668	3333334
6	1184635	2	8.0	86	1778	1238	0	3867604	3333335	4000001
7	342763	1	7.0	89	1742	0	0	4213383	4000002	4666668
8	563127	2	16.0	99	1544	1014	0	4778252	4666669	5333335
9	811889	1	12.0	72	1668	0	0	5592699	5333336	6000002
10	742182	2	12.0	66	1842	1905	0	6336549	6000003	6666669
11	440586	3	17.0	98	1095	1041	1043	6780882	6666670	7333336
12	1144142	2	16.0	75	1366	1908	0	7928203	7333337	8000003
13	629647	2	16.0	88	1014	1764	0	8561124	8000004	8666670
14	252514	3	12.0	52	1075	1716	1056	8816416	8666671	9333337
15	1067904	1	5.0	65	1959	0	0	9888167	9333338	10000004
16	593876	2	8.0	94	1655	1169	0	10484002	10000005	10666671
17	712947	3	5.0	50	1962	1154	1682	11199773	10666672	11333338
18	705087	2	20.0	99	1681	1848	0	11909658	11333339	12000005

Total number of pulses in waveform = 33

‡
 Waveform Num = 25
 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	772882	2	14.0	55	1804	1031	0	772882	0	1090908
2	414469	1	12.0	78	1546	0	0	1190186	1090909	2181817

New3RandParmBin5

3	1800360	1	11.0	96	1042	0	0	2992092	2181818	3272726
4	303074	1	20.0	67	1602	0	0	3296208	3272727	4363635
5	2061824	3	6.0	59	1563	1188	1713	5359634	4363636	5454544
6	526490	2	15.0	96	1893	1240	0	5890588	5454545	6545453
7	1407667	3	14.0	59	1078	1770	1370	7301388	6545454	7636362
8	1245433	3	20.0	78	2000	1051	1639	8551039	7636363	8727271
9	762179	2	18.0	64	1887	1904	0	9317908	8727272	9818180
10	1190277	1	17.0	51	1305	0	0	10511976	9818181	10909089
11	836238	1	5.0	68	1945	0	0	11349519	10909090	11999998

Total number of pulses in waveform = 20

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	356161	1	15.0	89	1734	0	0	356161	0	599999
2	827980	2	19.0	76	1906	1182	0	1185875	600000	1199999
3	515473	3	17.0	52	1009	1860	1413	1704436	1200000	1799999
4	341423	2	18.0	77	1897	1931	0	2050141	1800000	2399999
5	846208	1	15.0	74	1862	0	0	2900177	2400000	2999999
6	399174	2	7.0	54	1435	1090	0	3301213	3000000	3599999
7	739281	3	20.0	94	1836	1605	1982	4043019	3600000	4199999
8	333105	2	18.0	100	1305	1334	0	4381547	4200000	4799999
9	541411	1	13.0	51	1956	0	0	4925597	4800000	5399999

New3RandParmBin5

10	557738	1	20.0	83	1061	0	0	5485291	5400000	5999999
11	934261	2	18.0	78	1529	1083	0	6420613	6000000	6599999
12	549066	3	16.0	67	1029	1266	1596	6972291	6600000	7199999
13	605897	1	20.0	67	1810	0	0	7582079	7200000	7799999
14	713650	3	15.0	94	1850	1890	1718	8297539	7800000	8399999
15	492956	1	12.0	52	1535	0	0	8795953	8400000	8999999
16	799330	1	14.0	70	1265	0	0	9596818	9000000	9599999
17	165883	1	13.0	86	1613	0	0	9763966	9600000	10199999
18	961521	3	5.0	77	1088	1566	1921	10727100	10200000	10799999
19	410883	2	5.0	93	1011	1418	0	11142558	10800000	11399999
20	394362	2	18.0	59	1082	1459	0	11539349	11400000	11999999

Total number of pulses in waveform = 37

Waveform Num = 27
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	454204	3	6.0	94	1816	1723	1838	454204	0	999999
2	649171	3	6.0	83	1124	1851	1214	1108752	1000000	1999999
3	1514240	1	17.0	95	1836	0	0	2627181	2000000	2999999
4	696694	1	9.0	58	1617	0	0	3325711	3000000	3999999
5	843153	3	13.0	94	1831	1659	1406	4170481	4000000	4999999
6	1513395	2	10.0	78	1370	1496	0	5688772	5000000	5999999
7	1122106	3	9.0	99	1881	1191	1998	6813744	6000000	6999999

New3RandParmBin5

8	1123037	2	6.0	68	1873	1611	0	7941851	7000000	7999999
9	182369	3	17.0	99	1495	1704	1909	8127704	8000000	8999999
10	894248	3	15.0	94	1810	1590	1559	9027060	9000000	9999999
11	1316378	3	13.0	55	1284	1046	1199	10348397	10000000	10999999
12	992418	1	20.0	72	1970	0	0	11344344	11000000	11999999

Total number of pulses in waveform = 28

Waveform Num = 28
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	561088	3	8.0	80	1730	1438	1720	561088	0	705881
2	290417	3	11.0	53	1375	1195	1360	856393	705882	1411763
3	620160	3	13.0	64	1226	1547	1505	1480483	1411764	2117645
4	1198675	1	17.0	76	1737	0	0	2683436	2117646	2823527
5	490504	3	13.0	57	1666	1774	1439	3175677	2823528	3529409
6	747496	1	13.0	70	1885	0	0	3928052	3529410	4235291
7	646706	3	12.0	82	1731	1091	1525	4576643	4235292	4941173
8	739126	1	20.0	66	1960	0	0	5320116	4941174	5647055
9	800692	3	19.0	56	1037	1198	1587	6122768	5647056	6352937
10	590030	3	19.0	91	1423	1445	1697	6716620	6352938	7058819
11	835525	3	11.0	78	1814	1697	1435	7556710	7058820	7764701
12	821156	2	13.0	65	1343	1136	0	8382812	7764702	8470583
13	529234	3	8.0	75	1678	1221	1860	8914525	8470584	9176465

New3RandParmBin5

14	741880	2	13.0	86	1773	1204	0	9661164	9176466	9882347
15	577093	1	10.0	75	1339	0	0	10241234	9882348	10588229
16	741247	2	20.0	66	1221	1962	0	10983820	10588230	11294111
17	360849	3	20.0	96	1840	1266	1927	11347852	11294112	11999993

Total number of pulses in waveform = 40

Waveform Num = 29
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	529536	3	15.0	94	1658	1114	1213	529536	0	857142
2	938505	2	6.0	80	1585	1131	0	1472026	857143	1714285
3	1045324	2	18.0	70	1822	1148	0	2520066	1714286	2571428
4	701945	1	6.0	92	1679	0	0	3224981	2571429	3428571
5	336194	3	17.0	79	1809	1471	1922	3562854	3428572	4285714
6	1572409	1	18.0	74	1724	0	0	5140465	4285715	5142857
7	663375	1	16.0	96	1111	0	0	5805564	5142858	6000000
8	417623	1	13.0	61	1749	0	0	6224298	6000001	6857143
9	855566	2	14.0	57	1088	1737	0	7081613	6857144	7714286
10	1203358	3	7.0	83	1645	1049	1314	8287796	7714287	8571429
11	1019585	3	15.0	53	1804	1173	1034	9311389	8571430	9428572
12	769863	2	10.0	87	1705	1642	0	10085263	9428573	10285715
13	753459	1	7.0	68	1028	0	0	10842069	10285716	11142858
14	772074	3	10.0	64	1773	1808	1584	11615171	11142859	12000001

New3RandParmBi n5

Total number of pulses in waveform = 28

♀
 Waveform Num = 30
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	897274	1	13.0	60	1889	0	0	897274	0	1333332
2	964758	1	7.0	56	1008	0	0	1863921	1333333	2666665
3	2116392	1	18.0	98	1628	0	0	3981321	2666666	3999998
4	302373	3	13.0	57	1210	1465	1682	4285322	3999999	5333331
5	1931873	1	17.0	61	1801	0	0	6221552	5333332	6666664
6	1435736	1	15.0	52	1266	0	0	7659089	6666665	7999997
7	1166080	1	17.0	56	1705	0	0	8826435	7999998	9333330
8	508917	3	5.0	65	1379	1296	1818	9337057	9333331	10666663
9	2589068	1	15.0	86	1146	0	0	11930618	10666664	11999996

Total number of pulses in waveform = 13

♀
 Random DFS waveform parameters (NewBi n5) 22-Jun-2015 17:47:52

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	592555	1	6.0	91	1984	0	0	592555	0	1199999
2	1111998	1	8.0	73	1295	0	0	1706537	1200000	2399999
3	871064	2	12.0	61	1250	1421	0	2578896	2400000	3599999
4	2101068	2	15.0	57	1982	1922	0	4682635	3600000	4799999

New3RandParmBi n5

5	320969	2	13.0	50	1012	1204	0	5007508	4800000	5999999
6	1185865	3	20.0	99	1328	1380	1725	6195589	6000000	7199999
7	1538858	3	20.0	70	1902	1772	1230	7738880	7200000	8399999
8	804114	2	17.0	87	1452	1384	0	8547898	8400000	9599999
9	1380101	2	18.0	99	1663	1143	0	9930835	9600000	10799999
10	1997556	2	5.0	79	1838	1637	0	11931197	10800000	11999999

Total number of pulses in waveform = 20

‡
 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	993654	3	7.0	69	1770	1870	1252	993654	0	1090908
2	351455	2	12.0	74	1895	1830	0	1350001	1090909	2181817
3	1315293	1	9.0	84	1786	0	0	2669019	2181818	3272726
4	843486	2	8.0	54	1423	1027	0	3514291	3272727	4363635
5	1903721	1	11.0	55	1313	0	0	5420462	4363636	5454544
6	395353	1	15.0	79	1561	0	0	5817128	5454545	6545453
7	1428192	3	18.0	88	1396	1230	1034	7246881	6545454	7636362
8	1165112	3	5.0	82	1477	1914	1495	8415653	7636363	8727271
9	887156	3	12.0	93	1949	1328	1753	9307695	8727272	9818180
10	819700	2	8.0	97	1838	1114	0	10132425	9818181	10909089
11	1611436	3	19.0	80	1017	1378	1542	11746813	10909090	11999998

Total number of pulses in waveform = 24

‡

New3RandParmBin5

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	102328	3	15.0	88	1507	1257	1205	102328	0	799999
2	1374175	2	14.0	97	1471	1587	0	1480472	800000	1599999
3	688726	2	18.0	88	1982	1070	0	2172256	1600000	2399999
4	753727	1	17.0	77	1442	0	0	2929035	2400000	3199999
5	899131	1	15.0	96	1492	0	0	3829608	3200000	3999999
6	834738	2	11.0	89	1397	1896	0	4665838	4000000	4799999
7	626853	1	12.0	67	1533	0	0	5295984	4800000	5599999
8	425637	1	19.0	71	1431	0	0	5723154	5600000	6399999
9	1021606	3	19.0	91	1343	1017	1468	6746191	6400000	7199999
10	1106591	1	13.0	88	1832	0	0	7856610	7200000	7999999
11	195148	3	16.0	59	1515	1347	1343	8053590	8000000	8799999
12	854989	2	15.0	63	1661	1087	0	8912784	8800000	9599999
13	1242368	2	18.0	83	1512	1802	0	10157900	9600000	10399999
14	601347	2	11.0	52	1362	1150	0	10762561	10400000	11199999
15	791150	3	5.0	58	1102	1791	1474	11556223	11200000	11999999

Total number of pulses in waveform = 29

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

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

1	978977	3	12.0	63	1791	1337	1920	978977	0	1333332
2	591597	2	18.0	85	1974	1451	0	1575622	1333333	2666665
3	1817760	3	17.0	81	1095	1626	1727	3396807	2666666	3999998
4	1373053	3	10.0	82	1814	1744	1126	4774308	3999999	5333331
5	1760775	3	20.0	75	1665	1257	1834	6539767	5333332	6666664
6	132604	3	17.0	71	1957	1695	1604	6677127	6666665	7999997
7	1947590	2	13.0	56	1757	1765	0	8629973	7999998	9333330
8	1398329	2	20.0	53	1561	1812	0	10031824	9333331	10666663
9	1896278	3	18.0	89	1788	1446	1756	11931475	10666664	11999996

Total number of pulses in waveform = 24

Waveform Num = 5
 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	92122	1	14.0	68	1127	0	0	92122	0	923076
2	1323528	2	11.0	56	1359	1663	0	1416777	923077	1846153
3	586547	2	14.0	92	1268	1011	0	2006346	1846154	2769230
4	773536	2	17.0	93	1298	1280	0	2782161	2769231	3692307
5	1811340	1	20.0	58	1559	0	0	4596079	3692308	4615384
6	171645	1	10.0	89	1497	0	0	4769283	4615385	5538461
7	1518230	2	20.0	80	1080	1878	0	6289010	5538462	6461538
8	251075	3	13.0	83	1581	1190	1911	6543043	6461539	7384615
9	1251917	1	7.0	100	1899	0	0	7799642	7384616	8307692

New3RandParmBin5

10	522416	1	10.0	82	1994	0	0	8323957	8307693	9230769
11	1666129	1	15.0	100	1978	0	0	9992080	9230770	10153846
12	508516	3	13.0	81	1853	1387	1536	10502574	10153847	11076923
13	1204807	1	18.0	88	1312	0	0	11712157	11076924	12000000

Total number of pulses in waveform = 21

♀
 Waveform Num = 6
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	77086	2	7.0	67	1523	1757	0	77086	0	999999
2	1261778	1	7.0	84	1134	0	0	1342144	1000000	1999999
3	754059	1	14.0	63	1685	0	0	2097337	2000000	2999999
4	1423487	2	10.0	55	1492	1239	0	3522509	3000000	3999999
5	869385	2	19.0	59	1278	1369	0	4394625	4000000	4999999
6	1094678	2	20.0	60	2000	1033	0	5491950	5000000	5999999
7	1474138	1	6.0	79	1089	0	0	6969121	6000000	6999999
8	562006	2	7.0	67	1119	1113	0	7532216	7000000	7999999
9	1385872	1	18.0	88	1086	0	0	8920320	8000000	8999999
10	974413	1	13.0	76	1839	0	0	9895819	9000000	9999999
11	793309	3	17.0	56	1822	1574	1561	10690967	10000000	10999999
12	1231231	1	14.0	88	1969	0	0	11927155	11000000	11999999

Total number of pulses in waveform = 19

♀
 Waveform Num = 7
 Num of Bursts = 12

New3RandParmBi n5

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	628897	2	6.0	99	1140	1219	0	628897	0	999999
2	617437	1	13.0	95	1985	0	0	1248693	1000000	1999999
3	771489	2	16.0	71	1208	1475	0	2022167	2000000	2999999
4	1096471	3	8.0	90	1353	1873	1965	3121321	3000000	3999999
5	1625974	3	20.0	86	1926	1590	1088	4752486	4000000	4999999
6	724984	3	10.0	95	1029	1184	1696	5482074	5000000	5999999
7	1184041	1	19.0	67	1967	0	0	6670024	6000000	6999999
8	1093498	3	20.0	86	1118	1850	1220	7765489	7000000	7999999
9	668279	3	8.0	96	1179	1098	1983	8437956	8000000	8999999
10	1517308	2	12.0	71	1431	1694	0	9959524	9000000	9999999
11	430049	1	12.0	56	1224	0	0	10392698	10000000	10999999
12	1228536	3	16.0	91	1725	1973	1947	11622458	11000000	11999999

Total number of pulses in waveform = 27

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	571633	1	7.0	91	1813	0	0	571633	0	1333332
2	2053797	3	20.0	74	1496	1488	1606	2627243	1333333	2666665
3	1130528	3	9.0	96	1226	1360	1982	3762361	2666666	3999998
4	680219	3	20.0	75	1505	1955	1988	4447148	3999999	5333331

New3RandParmBin5

5	1357406	2	18.0	59	1986	1116	0	5810002	5333332	6666664
6	1547750	2	20.0	89	1268	1721	0	7360854	6666665	7999997
7	1410790	1	8.0	77	1727	0	0	8774633	7999998	9333330
8	1796336	1	8.0	91	1822	0	0	10572696	9333331	10666663
9	718726	2	15.0	67	1427	1277	0	11293244	10666664	11999996

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	180543	3	12.0	87	1691	1003	1390	180543	0	1333332
2	1940189	1	17.0	98	1189	0	0	2124816	1333333	2666665
3	1761171	1	18.0	79	1580	0	0	3887176	2666666	3999998
4	165016	1	10.0	68	1807	0	0	4053772	3999999	5333331
5	1869850	3	18.0	88	1146	1817	1526	5925429	5333332	6666664
6	1724890	3	13.0	67	1457	1895	1617	7654808	6666665	7999997
7	602597	3	5.0	83	1664	1678	1770	8262374	7999998	9333330
8	2114318	2	5.0	79	1375	1079	0	10381804	9333331	10666663
9	1508194	1	7.0	61	1692	0	0	11892452	10666664	11999996

Total number of pulses in waveform = 18

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBi n5

1	809509	1	16.0	85	1917	0	0	809509	0	999999
2	903264	2	9.0	72	1394	1771	0	1714690	1000000	1999999
3	449613	3	12.0	88	1993	1320	1979	2167468	2000000	2999999
4	1729567	1	7.0	83	1349	0	0	3902327	3000000	3999999
5	225651	3	13.0	58	1467	1287	1074	4129327	4000000	4999999
6	1268402	1	12.0	92	1652	0	0	5401557	5000000	5999999
7	1336849	1	8.0	71	1873	0	0	6740058	6000000	6999999
8	792548	1	10.0	89	1791	0	0	7534479	7000000	7999999
9	787066	3	11.0	76	1892	1837	1639	8323336	8000000	8999999
10	1505045	1	5.0	66	1751	0	0	9833749	9000000	9999999
11	731377	2	14.0	100	1891	1168	0	10566877	10000000	10999999
12	1051752	1	17.0	68	1269	0	0	11621688	11000000	11999999

Total number of pulses in waveform = 20

♀
 Waveform Num = 11
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	400135	3	19.0	81	1204	1515	1186	400135	0	1333332
2	994828	1	13.0	61	1901	0	0	1398868	1333333	2666665
3	1951636	2	6.0	64	1961	1080	0	3352405	2666666	3999998
4	1659043	2	20.0	89	1105	1788	0	5014489	3999999	5333331
5	1536445	2	9.0	66	1606	1190	0	6553827	5333332	6666664
6	921618	1	6.0	82	1892	0	0	7478241	6666665	7999997

New3RandParmBin5

7	1582506	1	18.0	99	1158	0	0	9062639	7999998	9333330
8	496073	1	8.0	67	1024	0	0	9559870	9333331	10666663
9	2015540	2	18.0	66	1738	1733	0	11576434	10666664	11999996

Total number of pulses in waveform = 15

Waveform Num = 12
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	291834	2	19.0	68	1963	1623	0	291834	0	666666
2	926050	3	20.0	94	1217	1969	1050	1221470	666667	1333333
3	379191	3	13.0	98	1255	1813	1909	1604897	1333334	2000000
4	941767	1	11.0	72	1459	0	0	2551641	2000001	2666667
5	560546	2	5.0	60	1348	1345	0	3113646	2666668	3333334
6	668748	2	6.0	77	1667	1794	0	3785087	3333335	4000001
7	226524	2	18.0	67	1971	1503	0	4015072	4000002	4666668
8	968018	2	12.0	89	1440	1161	0	4986564	4666669	5333335
9	698877	1	13.0	93	1539	0	0	5688042	5333336	6000002
10	950496	3	6.0	88	1118	1428	1063	6640077	6000003	6666669
11	270430	2	18.0	80	1376	1772	0	6914116	6666670	7333336
12	773940	2	9.0	53	1796	1797	0	7691204	7333337	8000003
13	305409	1	16.0	86	1213	0	0	8000206	8000004	8666670
14	1249605	3	9.0	82	1312	1924	1774	9251024	8666671	9333337
15	133385	3	15.0	81	1892	1050	1940	9389419	9333338	10000004

New3RandParmBin5

16	1035569	1	20.0	76	1746	0	0	10429870	10000005	10666671
17	763364	3	15.0	81	1916	1476	1171	11194980	10666672	11333338
18	465149	1	8.0	56	1684	0	0	11664692	11333339	12000005

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	286236	3	7.0	95	1554	1435	1029	286236	0	1499999
2	1632061	1	14.0	84	1796	0	0	1922315	1500000	2999999
3	1531435	2	11.0	61	1861	1303	0	3455546	3000000	4499999
4	2400785	3	8.0	59	1447	1267	1340	5859495	4500000	5999999
5	752625	1	6.0	89	1416	0	0	6616174	6000000	7499999
6	1436676	2	19.0	53	1234	1707	0	8054266	7500000	8999999
7	2320584	3	12.0	95	1445	1997	1231	10377791	9000000	10499999
8	566786	1	18.0	69	1959	0	0	10949250	10500000	11999999

Total number of pulses in waveform = 16

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	65557	1	8.0	100	1650	0	0	65557	0	749999
2	778864	2	16.0	73	1014	1101	0	846071	750000	1499999
3	915618	2	7.0	81	1892	1490	0	1763804	1500000	2249999

New3RandParmBi n5

4	782476	2	5.0	56	1359	1849	0	2549662	2250000	2999999
5	825939	3	10.0	82	1441	1215	1271	3378809	3000000	3749999
6	1029439	1	7.0	71	1715	0	0	4412175	3750000	4499999
7	768363	3	9.0	71	1528	1009	1351	5182253	4500000	5249999
8	512587	2	18.0	79	1858	1905	0	5698728	5250000	5999999
9	788706	2	5.0	51	1894	1910	0	6491197	6000000	6749999
10	462252	3	11.0	55	1504	1861	1080	6957253	6750000	7499999
11	1277393	1	5.0	69	1363	0	0	8239091	7500000	8249999
12	243281	3	14.0	55	1790	1507	1247	8483735	8250000	8999999
13	602768	3	9.0	96	1254	1936	1017	9091047	9000000	9749999
14	1313427	2	8.0	73	1190	1932	0	10408681	9750000	10499999
15	596083	2	20.0	71	1525	1962	0	11007886	10500000	11249999
16	312331	3	9.0	65	1028	1737	1166	11323704	11250000	11999999

Total number of pulses in waveform = 35

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	494262	2	6.0	76	1244	1144	0	494262	0	1499999
2	1475189	2	19.0	76	1665	1831	0	1971839	1500000	2999999
3	2033125	2	19.0	59	1988	1768	0	4008460	3000000	4499999
4	1496241	3	18.0	73	1203	1672	1431	5508457	4500000	5999999
5	1559523	3	7.0	56	1290	1103	1542	7072286	6000000	7499999

New3RandParmBin5

6	1321826	2	16.0	64	1666	1563	0	8398047	7500000	8999999
7	645268	3	11.0	89	1876	1667	1066	9046544	9000000	10499999
8	2750803	1	15.0	69	1974	0	0	11801956	10500000	11999999

Total number of pulses in waveform = 18

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	577305	2	19.0	77	1759	1932	0	577305	0	666666
2	345498	1	13.0	76	1963	0	0	926494	666667	1333333
3	414673	3	15.0	72	1565	1246	1053	1343130	1333334	2000000
4	716055	3	18.0	65	1991	1552	1771	2063049	2000001	2666667
5	667938	3	11.0	66	1050	1223	1551	2736301	2666668	3333334
6	844146	3	18.0	78	1194	1249	1184	3584271	3333335	4000001
7	772547	3	15.0	69	1747	1053	1931	4360445	4000002	4666668
8	673842	1	17.0	65	1391	0	0	5039018	4666669	5333335
9	771262	3	7.0	54	1282	1925	1382	5811671	5333336	6000002
10	466025	2	6.0	82	1648	1710	0	6282285	6000003	6666669
11	798056	3	20.0	82	1172	1817	1226	7083699	6666670	7333336
12	316591	3	17.0	96	1609	1122	1388	7404505	7333337	8000003
13	1155048	1	6.0	77	1645	0	0	8563672	8000004	8666670
14	291215	1	18.0	80	1520	0	0	8856532	8666671	9333337
15	928778	3	14.0	87	1139	1048	1333	9786830	9333338	10000004

New3RandParmBin5

16	504686	2	18.0	86	1127	1282	0	10295036	10000005	10666671
17	934681	3	13.0	89	1999	1404	1681	11232126	10666672	11333338
18	243596	3	15.0	84	1768	1610	1011	11480806	11333339	12000005

Total number of pulses in waveform = 43

Waveform Num = 17
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	629535	1	13.0	75	1367	0	0	629535	0	666666
2	666731	2	14.0	76	1249	1594	0	1297633	666667	1333333
3	320869	3	15.0	55	1707	1567	1207	1621345	1333334	2000000
4	471771	1	5.0	96	1846	0	0	2097597	2000001	2666667
5	1106357	3	16.0	80	1624	1234	1940	3205800	2666668	3333334
6	356690	2	11.0	97	1326	1304	0	3567288	3333335	4000001
7	489333	3	6.0	73	1852	1633	1074	4059251	4000002	4666668
8	976005	1	10.0	58	1296	0	0	5039815	4666669	5333335
9	397611	2	19.0	87	1090	1973	0	5438722	5333336	6000002
10	1187034	3	17.0	96	1864	1860	1220	6628819	6000003	6666669
11	278558	2	7.0	63	1996	1713	0	6912321	6666670	7333336
12	753446	1	18.0	71	1757	0	0	7669476	7333337	8000003
13	437454	2	8.0	73	1467	1692	0	8108687	8000004	8666670
14	996646	1	11.0	74	1313	0	0	9108492	8666671	9333337
15	576326	1	19.0	72	1199	0	0	9686131	9333338	10000004

New3RandParmBin5

16	581305	1	15.0	77	1585	0	0	10268635	10000005	10666671
17	868898	1	15.0	83	1550	0	0	11139118	10666672	11333338
18	502761	1	11.0	77	1945	0	0	11643429	11333339	12000005

Total number of pulses in waveform = 31

♀
 Waveform Num = 18
 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	111162	1	5.0	68	1157	0	0	111162	0	1333332
2	2043013	2	9.0	74	1439	1500	0	2155332	1333333	2666665
3	542654	3	12.0	62	1674	1696	1521	2700925	2666666	3999998
4	2130875	3	19.0	91	1010	1201	1071	4836691	3999999	5333331
5	1230737	2	9.0	74	1644	1740	0	6070710	5333332	6666664
6	841086	3	20.0	94	1636	1695	1307	6915180	6666665	7999997
7	1932346	2	6.0	78	1040	1943	0	8852164	7999998	9333330
8	859974	3	13.0	85	1952	1341	1012	9715121	9333331	10666663
9	1221025	2	13.0	93	1480	1133	0	10940451	10666664	11999996

Total number of pulses in waveform = 21

♀
 Waveform Num = 19
 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	1061606	1	5.0	95	1213	0	0	1061606	0	1090908
2	1109995	1	17.0	52	1271	0	0	2172814	1090909	2181817

New3RandParmBin5

3	578643	1	14.0	57	1167	0	0	2752728	2181818	3272726
4	1586466	2	18.0	77	1953	1653	0	4340361	3272727	4363635
5	393498	2	18.0	57	1017	1000	0	4737465	4363636	5454544
6	1277227	1	13.0	62	1379	0	0	6016709	5454545	6545453
7	1087198	2	5.0	81	1691	1290	0	7105286	6545454	7636362
8	560101	3	15.0	77	1915	1083	1973	7668368	7636363	8727271
9	1490126	2	20.0	51	1821	1209	0	9163465	8727272	9818180
10	1423836	3	20.0	65	1812	1021	1724	10590331	9818181	10909089
11	706143	1	8.0	93	1797	0	0	11301031	10909090	11999998

Total number of pulses in waveform = 19

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	135034	3	17.0	81	1330	1189	1870	135034	0	666666
2	1003878	1	10.0	80	1276	0	0	1143301	666667	1333333
3	314701	3	10.0	91	1779	1542	1726	1459278	1333334	2000000
4	1092864	1	12.0	84	1392	0	0	2557189	2000001	2666667
5	200523	1	15.0	64	1636	0	0	2759104	2666668	3333334
6	884307	1	18.0	57	1789	0	0	3645047	3333335	4000001
7	791873	1	13.0	63	1486	0	0	4438709	4000002	4666668
8	556416	1	16.0	52	1245	0	0	4996611	4666669	5333335
9	729706	3	6.0	96	1081	1591	1122	5727562	5333336	6000002

New3RandParmBin5

10	337820	1	7.0	77	1466	0	0	6069176	6000003	6666669
11	719170	3	7.0	95	1528	1859	1767	6789812	6666670	7333336
12	581285	3	19.0	83	1099	1113	1606	7376251	7333337	8000003
13	1228781	2	20.0	69	1173	1114	0	8608850	8000004	8666670
14	241763	3	6.0	81	1685	1729	1678	8852900	8666671	9333337
15	1128391	2	8.0	94	1521	1450	0	9986383	9333338	1000004
16	584077	3	7.0	62	1079	1671	1138	10573431	1000005	10666671
17	274076	1	10.0	76	1736	0	0	10851395	10666672	11333338
18	606801	2	8.0	71	1035	1691	0	11459932	11333339	12000005

Total number of pulses in waveform = 35

♀

Waveform Num = 21

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	493098	1	5.0	67	1864	0	0	493098	0	631578
2	538698	1	19.0	83	1234	0	0	1033660	631579	1263157
3	595538	1	20.0	85	1517	0	0	1630432	1263158	1894736
4	535798	3	15.0	93	1944	1163	1443	2167747	1894737	2526315
5	543915	2	17.0	95	1813	1866	0	2716212	2526316	3157894
6	929678	3	8.0	62	1278	1433	1554	3649569	3157895	3789473
7	456687	2	6.0	85	1459	1613	0	4110521	3789474	4421052
8	775022	2	15.0	90	1537	1864	0	4888615	4421053	5052631
9	551552	2	20.0	59	1603	1616	0	5443568	5052632	5684210

New3RandParmBin5

10	769898	3	9.0	71	1779	1736	1141	6216685	5684211	6315789
11	223208	2	12.0	67	1609	1177	0	6444549	6315790	6947368
12	939428	2	13.0	55	1015	1378	0	7386763	6947369	7578947
13	681392	1	16.0	99	1227	0	0	8070548	7578948	8210526
14	186719	2	17.0	80	1537	1633	0	8258494	8210527	8842105
15	709545	1	19.0	92	1120	0	0	8971209	8842106	9473684
16	780203	3	13.0	90	1709	1461	1010	9752532	9473685	10105263
17	389087	1	19.0	70	1258	0	0	10145799	10105264	10736842
18	728823	2	11.0	81	1812	1833	0	10875880	10736843	11368421
19	1085862	3	16.0	87	1172	1084	1626	11965387	11368422	12000000

Total number of pulses in waveform = 37

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	637433	3	7.0	53	1200	1058	1201	637433	0	1199999
2	1387377	3	5.0	53	1600	1805	1296	2028269	1200000	2399999
3	757579	3	12.0	74	1224	1848	1125	2790549	2400000	3599999
4	1792374	1	11.0	94	1807	0	0	4587120	3600000	4799999
5	260814	2	14.0	60	1106	1438	0	4849741	4800000	5999999
6	1878846	2	11.0	98	1587	1554	0	6731131	6000000	7199999
7	571896	3	9.0	89	1439	1732	1518	7306168	7200000	8399999
8	1448890	3	18.0	72	1968	1468	1909	8759747	8400000	9599999

New3RandParmBi n5

9 1679105 1 17.0 52 1946 0 0 10444197 9600000 10799999
 624731
 10 2 14.0 51 1468 1565 0 11070874 10800000 11999999
 Total number of pulses in waveform = 23
 Waveform Num = 23
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	634230	1	20.0	94	1946	0	0	634230	0	666666
2	167140	1	18.0	96	1767	0	0	803316	666667	1333333
3	1127638	2	13.0	83	1746	1213	0	1932721	1333334	2000000
4	215952	1	11.0	61	1006	0	0	2151632	2000001	2666667
5	867839	3	20.0	77	1049	1877	1855	3020477	2666668	3333334
6	895141	2	13.0	66	1428	1620	0	3920399	3333335	4000001
7	387887	3	5.0	95	1743	1922	1574	4311334	4000002	4666668
8	798133	2	11.0	58	1135	1632	0	5114706	4666669	5333335
9	284843	3	11.0	89	1009	1955	1934	5402316	5333336	6000002
10	895330	2	13.0	75	1218	1517	0	6302544	6000003	6666669
11	743517	3	16.0	96	1745	1017	1300	7048796	6666670	7333336
12	297339	1	20.0	85	1350	0	0	7350197	7333337	8000003
13	788874	1	5.0	51	1749	0	0	8140421	8000004	8666670
14	791523	2	6.0	99	1782	1918	0	8933693	8666671	9333337
15	655890	3	18.0	70	1907	1604	1194	9593283	9333338	10000004
16	412190	1	17.0	60	1080	0	0	10010178	10000005	10666671

New3RandParmBin5

17 911465 3 6.0 51 1907 1604 1108 10922723 10666672 11333338
 448405
 18 2 19.0 95 1568 1426 0 11375747 11333339 12000005

Total number of pulses in waveform = 36

♀
 Waveform Num = 24
 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	451349	3	8.0	50	1775	1693	1931	451349	0	1333332
2	2165576	2	20.0	90	1769	1537	0	2622324	1333333	2666665
3	1281512	1	20.0	78	1669	0	0	3907142	2666666	3999998
4	134614	2	17.0	51	1094	1077	0	4043425	3999999	5333331
5	2316754	1	9.0	99	1062	0	0	6362350	5333332	6666664
6	649595	3	13.0	60	1423	1964	1732	7013007	6666665	7999997
7	1021148	3	11.0	94	1305	1377	1993	8039274	7999998	9333330
8	1574865	1	9.0	73	1692	0	0	9618814	9333331	10666663
9	1096103	2	9.0	89	1217	1860	0	10716609	10666664	11999996

Total number of pulses in waveform = 18

♀
 Waveform Num = 25
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	575109	3	15.0	76	1663	1690	1995	575109	0	705881
2	412007	2	17.0	74	1183	1894	0	992464	705882	1411763
3	598291	3	15.0	69	1481	1296	1811	1593832	1411764	2117645

New3RandParmBi n5

4	852673	1	6.0	65	1344	0	0	2451093	2117646	2823527
5	625090	3	19.0	84	1975	1506	1001	3077527	2823528	3529409
6	1127842	1	9.0	90	1549	0	0	4209851	3529410	4235291
7	540301	1	12.0	57	1240	0	0	4751701	4235292	4941173
8	733368	3	18.0	77	1675	1605	1757	5486309	4941174	5647055
9	181379	1	5.0	88	1536	0	0	5672725	5647056	6352937
10	772875	1	13.0	59	1714	0	0	6447136	6352938	7058819
11	710229	2	11.0	58	1362	1544	0	7159079	7058820	7764701
12	852559	2	18.0	97	1316	1113	0	8014544	7764702	8470583
13	1006638	3	17.0	94	1790	1750	1136	9023611	8470584	9176465
14	337797	1	6.0	65	1040	0	0	9366084	9176466	9882347
15	519149	2	13.0	64	1934	1281	0	9886273	9882348	10588229
16	806944	1	10.0	100	1691	0	0	10696432	10588230	11294111
17	803893	3	5.0	92	1093	1887	1645	11502016	11294112	11999993

Total number of pulses in waveform = 33

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	588549	3	18.0	83	1089	1886	1913	588549	0	1090908
2	1296225	3	19.0	91	1582	1873	1353	1889662	1090909	2181817
3	428063	2	17.0	81	1220	1957	0	2322533	2181818	3272726
4	1294061	2	17.0	100	1971	1807	0	3619771	3272727	4363635

New3RandParmBin5

5	1505612	2	5.0	54	1310	1760	0	5129161	4363636	5454544
6	740842	2	13.0	50	1277	1117	0	5873073	5454545	6545453
7	1251822	3	20.0	75	1038	1637	1945	7127289	6545454	7636362
8	1541516	1	19.0	88	1270	0	0	8673425	7636363	8727271
9	1137643	2	6.0	61	1079	1656	0	9812338	8727272	9818180
10	997019	1	10.0	65	1695	0	0	10812092	9818181	10909089
11	611887	3	19.0	51	1640	1217	1080	11425674	10909090	11999998

Total number of pulses in waveform = 24

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	920166	2	9.0	62	1488	1931	0	920166	0	1333332
2	1393445	3	10.0	57	1009	1102	1043	2317030	1333333	2666665
3	1571107	3	5.0	78	1401	1989	1040	3891291	2666666	3999998
4	1414814	3	14.0	57	1563	1863	1275	5310535	3999999	5333331
5	231557	1	14.0	83	1983	0	0	5546793	5333332	6666664
6	1686841	2	12.0	89	1654	1715	0	7235617	6666665	7999997
7	2027533	3	18.0	58	1594	1534	1613	9266519	7999998	9333330
8	1365390	2	7.0	55	1631	1084	0	10636650	9333331	10666663
9	766662	2	17.0	76	1178	1705	0	11406027	10666664	11999996

Total number of pulses in waveform = 21

♀
 Waveform Num = 28
 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	183094	1	10.0	62	1235	0	0	183094	0	666666
2	567281	3	11.0	80	1334	1611	1233	751610	666667	1333333
3	714511	1	19.0	81	1005	0	0	1470299	1333334	2000000
4	677397	1	12.0	79	1046	0	0	2148701	2000001	2666667
5	1100168	2	5.0	56	1664	1209	0	3249915	2666668	3333334
6	288717	3	6.0	62	1847	1413	1518	3541505	3333335	4000001
7	586308	2	10.0	65	1740	1944	0	4132591	4000002	4666668
8	764340	1	7.0	92	1013	0	0	4900615	4666669	5333335
9	637193	3	17.0	60	1940	1938	1833	5538821	5333336	6000002
10	574455	1	8.0	78	1538	0	0	6118987	6000003	6666669
11	564140	3	11.0	73	1783	1178	1412	6684665	6666670	7333336
12	710248	1	11.0	97	1904	0	0	7399286	7333337	8000003
13	683885	2	12.0	54	1007	1533	0	8085075	8000004	8666670
14	1213757	1	6.0	94	1172	0	0	9301372	8666671	9333337
15	600958	3	11.0	68	1686	1221	1167	9903502	9333338	10000004
16	656523	2	18.0	70	1208	1742	0	10564099	10000005	10666671
17	432294	2	16.0	83	1636	1983	0	10999343	10666672	11333338
18	955005	3	9.0	59	1114	1996	1934	11957967	11333339	12000005

Total number of pulses in waveform = 35

Waveform Num = 29
 Num of Bursts = 17

New3RandParmBin5

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	698087	3	12.0	70	1874	1363	1226	698087	0	705881
2	146403	2	17.0	87	1687	1427	0	848953	705882	1411763
3	600308	3	14.0	85	1333	1355	1052	1452375	1411764	2117645
4	947570	1	10.0	73	1818	0	0	2403685	2117646	2823527
5	1062460	3	20.0	59	1930	1137	1464	3467963	2823528	3529409
6	502026	1	15.0	95	1020	0	0	3974520	3529410	4235291
7	494415	2	7.0	100	1484	1919	0	4469955	4235292	4941173
8	1063464	1	18.0	96	1660	0	0	5536822	4941174	5647055
9	137820	2	17.0	65	1540	1420	0	5676302	5647056	6352937
10	834074	1	10.0	92	1370	0	0	6513336	6352938	7058819
11	677593	2	20.0	82	1306	1743	0	7192299	7058820	7764701
12	790259	3	9.0	61	1235	1959	1970	7985607	7764702	8470583
13	831541	1	18.0	88	1422	0	0	8822312	8470584	9176465
14	1024833	1	17.0	94	1079	0	0	9848567	9176466	9882347
15	593766	2	16.0	90	1965	1973	0	10443412	9882348	10588229
16	466921	2	15.0	80	1818	1480	0	10914271	10588230	11294111
17	505926	1	20.0	96	1009	0	0	11423495	11294112	11999993

Total number of pulses in waveform = 31

Waveform Num = 30

Num of Bursts = 16

Burst Interval (us) = 750000.0

New3RandParmBi n5										
Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	546033	3	5.0	66	1148	1873	1803	546033	0	749999
2	914268	2	15.0	81	1343	1833	0	1465125	750000	1499999
3	59128	2	14.0	93	1119	1571	0	1527429	1500000	2249999
4	862049	1	19.0	69	1992	0	0	2392168	2250000	2999999
5	1316259	3	9.0	51	1193	1068	1818	3710419	3000000	3749999
6	228296	1	19.0	98	1281	0	0	3942794	3750000	4499999
7	989269	1	20.0	54	1374	0	0	4933344	4500000	5249999
8	758709	3	7.0	61	1740	1763	1464	5693427	5250000	5999999
9	953427	2	14.0	92	1612	1297	0	6651821	6000000	6749999
10	128795	1	6.0	68	1758	0	0	6783525	6750000	7499999
11	1420599	3	18.0	68	1521	1509	1900	8205882	7500000	8249999
12	684253	3	9.0	72	1896	1733	1108	8895065	8250000	8999999
13	661941	1	13.0	58	1843	0	0	9561743	9000000	9749999
14	570380	3	5.0	98	1509	1637	1977	10133966	9750000	10499999
15	541879	1	13.0	72	1413	0	0	10680968	10500000	11249999
16	893551	1	12.0	77	1902	0	0	11575932	11250000	11999999

Total number of pulses in waveform = 31

♀
Random DFS waveform parameters (NewBi n5) 23-Jun-2015 08:50:48

Waveform Num = 1
Num of Bursts = 11
Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBin5

1	892161	1	14.0	91	1105	0	0	892161	0	1090908
2	1051819	3	15.0	80	1235	1870	1646	1945085	1090909	2181817
3	1102560	3	20.0	68	1367	1194	1330	3052396	2181818	3272726
4	913207	2	6.0	81	1635	1930	0	3969494	3272727	4363635
5	1177241	2	18.0	62	1540	1766	0	5150300	4363636	5454544
6	760830	1	10.0	92	1930	0	0	5914436	5454545	6545453
7	1710479	1	14.0	78	1352	0	0	7626845	6545454	7636362
8	545489	2	6.0	56	1625	1312	0	8173686	7636363	8727271
9	1428588	1	12.0	64	1344	0	0	9605211	8727272	9818180
10	953246	2	12.0	100	1847	1416	0	10559801	9818181	10909089
11	1163871	1	6.0	65	1869	0	0	11726935	10909090	11999998

Total number of pulses in waveform = 19

Waveform Num = 2
 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	467341	3	12.0	65	1539	1068	1921	467341	0	799999
2	615680	1	5.0	58	1913	0	0	1087549	800000	1599999
3	728049	3	5.0	99	1128	1865	1647	1817511	1600000	2399999
4	774903	3	10.0	56	1775	1022	1043	2597054	2400000	3199999
5	887004	1	9.0	64	1234	0	0	3487898	3200000	3999999
6	917473	2	13.0	68	1445	1991	0	4406605	4000000	4799999
7	884881	3	16.0	77	1388	1375	1138	5294922	4800000	5599999

New3RandParmBi n5

8	701861	1	16.0	97	1989	0	0	6000684	5600000	6399999
9	773156	1	20.0	82	1218	0	0	6775829	6400000	7199999
10	1061133	2	11.0	84	1501	1069	0	7838180	7200000	7999999
11	849060	1	14.0	77	1708	0	0	8689810	8000000	8799999
12	632188	3	7.0	50	1490	1742	1482	9323706	8800000	9599999
13	689086	2	19.0	59	1135	1546	0	10017506	9600000	10399999
14	909785	3	16.0	77	1946	1505	1922	10929972	10400000	11199999
15	314059	3	12.0	80	1005	1555	1736	11249404	11200000	11999999

Total number of pulses in waveform = 32

Waveform Num = 3
 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	1010148	1	17.0	84	1037	0	0	1010148	0	1090908
2	448963	2	19.0	52	1718	1877	0	1460148	1090909	2181817
3	1682118	3	20.0	61	1987	1327	1553	3145861	2181818	3272726
4	574723	1	7.0	96	1680	0	0	3725451	3272727	4363635
5	1377772	3	16.0	56	1191	1002	1554	5104903	4363636	5454544
6	694317	1	16.0	52	1562	0	0	5802967	5454545	6545453
7	1769093	2	11.0	86	1705	1127	0	7573622	6545454	7636362
8	285304	2	19.0	87	1325	1914	0	7861758	7636363	8727271
9	1495487	2	15.0	65	1832	1258	0	9360484	8727272	9818180
10	1113199	1	17.0	60	1507	0	0	10476773	9818181	10909089

New3RandParmBin5

11 1373389 3 11.0 78 1601 1091 1680 11851669 10909090 11999998
 Total number of pulses in waveform = 21

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	728921	2	19.0	57	1728	1515	0	728921	0	749999
2	618094	1	15.0	77	1473	0	0	1350258	750000	1499999
3	272422	3	6.0	86	1075	1364	1446	1624153	1500000	2249999
4	1280319	2	7.0	68	1459	1594	0	2908357	2250000	2999999
5	810284	1	6.0	93	1905	0	0	3721694	3000000	3749999
6	357958	1	16.0	99	1688	0	0	4081557	3750000	4499999
7	423563	3	13.0	100	1551	1961	1811	4506808	4500000	5249999
8	1060879	3	10.0	52	1468	1651	1854	5573010	5250000	5999999
9	781813	2	13.0	75	1719	1863	0	6359796	6000000	6749999
10	846643	2	6.0	70	1442	1135	0	7210021	6750000	7499999
11	476268	1	15.0	67	1997	0	0	7688866	7500000	8249999
12	678241	2	16.0	52	1715	1013	0	8369104	8250000	8999999
13	906857	1	12.0	58	1173	0	0	9278689	9000000	9749999
14	518774	3	8.0	56	1180	1234	1768	9798636	9750000	10499999
15	1377181	3	5.0	76	1425	1188	1617	11179999	10500000	11249999
16	102604	1	18.0	98	1792	0	0	11286833	11250000	11999999

Total number of pulses in waveform = 31

♀

New3RandParmBi n5

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	360744	1	13.0	70	1569	0	0	360744	0	857142
2	666696	3	16.0	57	1570	1544	1543	1029009	857143	1714285
3	713417	2	13.0	63	1784	1963	0	1747083	1714286	2571428
4	1112679	2	12.0	98	1652	1208	0	2863509	2571429	3428571
5	1142876	3	16.0	60	1872	1859	1613	4009245	3428572	4285714
6	959992	3	12.0	90	1083	1755	1916	4974581	4285715	5142857
7	948666	1	10.0	52	1256	0	0	5928001	5142858	6000000
8	161476	1	9.0	95	1701	0	0	6090733	6000001	6857143
9	1104607	1	18.0	89	1826	0	0	7197041	6857144	7714286
10	527784	1	15.0	86	1748	0	0	7726651	7714287	8571429
11	1106940	2	14.0	95	1417	1634	0	8835339	8571430	9428572
12	647322	2	5.0	84	1915	1395	0	9485712	9428573	10285715
13	1514763	1	10.0	94	1534	0	0	11003785	10285716	11142858
14	463196	1	8.0	72	1995	0	0	11468515	11142859	12000001

Total number of pulses in waveform = 24

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	246326	1	19.0	77	1768	0	0	246326	0	1199999

New3RandParmBi n5

2	1230467	3	17.0	76	1712	1202	1713	1478561	1200000	2399999
3	1413116	2	17.0	80	1926	1904	0	2896304	2400000	3599999
4	802460	3	20.0	61	1071	1474	1710	3702594	3600000	4799999
5	2280288	3	10.0	100	1302	1499	1804	5987137	4800000	5999999
6	689801	2	18.0	90	1030	1593	0	6681543	6000000	7199999
7	1003787	1	18.0	82	1833	0	0	7687953	7200000	8399999
8	1150436	3	7.0	95	1775	1692	1538	8840222	8400000	9599999
9	965593	2	13.0	51	1469	1881	0	9810820	9600000	10799999
10	1862862	2	16.0	61	1287	1137	0	11677032	10800000	11999999

Total number of pulses in waveform = 22

Waveform Num = 7
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	822090	1	6.0	50	1516	0	0	822090	0	923076
2	537447	1	14.0	79	1179	0	0	1361053	923077	1846153
3	1175929	2	15.0	69	1546	1570	0	2538161	1846154	2769230
4	824315	3	14.0	97	1420	1484	1609	3365592	2769231	3692307
5	561214	2	6.0	79	1083	1723	0	3931319	3692308	4615384
6	908781	3	19.0	79	1323	1032	1092	4842906	4615385	5538461
7	980386	2	6.0	70	1727	1567	0	5826739	5538462	6461538
8	1418730	1	6.0	64	1263	0	0	7248763	6461539	7384615
9	347607	3	6.0	73	1124	1252	1929	7597633	7384616	8307692

New3RandParmBin5

10	855313	1	17.0	91	1376	0	0	8457251	8307693	9230769
11	1338662	3	5.0	70	1693	1579	1807	9797289	9230770	10153846
12	934359	3	20.0	75	1267	1013	1182	10736727	10153847	11076923
13	855315	3	5.0	75	1252	1959	1098	11595504	11076924	12000000

Total number of pulses in waveform = 28

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	627960	1	9.0	86	1260	0	0	627960	0	1333332
2	842305	2	15.0	100	1513	1292	0	1471525	1333333	2666665
3	1589512	2	13.0	64	1212	1183	0	3063842	2666666	3999998
4	1948244	2	16.0	74	1850	1906	0	5014481	3999999	5333331
5	1087432	3	11.0	89	1114	1097	1103	6105669	5333332	6666664
6	1666684	2	16.0	66	1597	1832	0	7775667	6666665	7999997
7	915179	1	12.0	91	1966	0	0	8694275	7999998	9333330
8	665739	3	7.0	71	1041	1011	1488	9361980	9333331	10666663
9	1448420	3	15.0	53	1136	1033	1341	10813940	10666664	11999996

Total number of pulses in waveform = 19

♀
 Waveform Num = 9
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	911222	2	16.0	83	1710	1843	0	911222	0	999999

New3RandParmBin5

2	932754	2	5.0	80	1709	1466	0	1847529	1000000	1999999
3	481762	3	9.0	56	1967	1909	1675	2332466	2000000	2999999
4	837817	2	14.0	95	1483	1591	0	3175834	3000000	3999999
5	1702223	1	20.0	66	1107	0	0	4881131	4000000	4999999
6	179940	2	17.0	81	1414	1482	0	5062178	5000000	5999999
7	1534339	3	17.0	60	1763	1963	1957	6599413	6000000	6999999
8	603023	1	10.0	54	1665	0	0	7208119	7000000	7999999
9	1680795	2	13.0	78	1258	1269	0	8890579	8000000	8999999
10	570519	2	14.0	67	1849	1217	0	9463625	9000000	9999999
11	1317687	3	12.0	79	1576	1434	1724	10784378	10000000	10999999
12	769911	2	10.0	82	1101	1089	0	11559023	11000000	11999999

Total number of pulses in waveform = 25

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	454388	1	5.0	98	1134	0	0	454388	0	999999
2	570060	2	9.0	54	1129	1969	0	1025582	1000000	1999999
3	1912483	1	20.0	72	1559	0	0	2941163	2000000	2999999
4	527387	2	9.0	97	1491	1977	0	3470109	3000000	3999999
5	987986	2	6.0	81	1990	1391	0	4461563	4000000	4999999
6	1383075	2	17.0	64	1526	1872	0	5848019	5000000	5999999
7	425872	2	15.0	53	1946	1048	0	6277289	6000000	6999999

New3RandParmBin5

8	742031	3	20.0	83	1802	1740	1201	7022314	7000000	7999999
9	1919191	1	14.0	73	1681	0	0	8946248	8000000	8999999
10	640041	1	15.0	67	1187	0	0	9587970	9000000	9999999
11	1186671	3	6.0	54	1629	1175	1723	10775828	10000000	10999999
12	325181	1	19.0	81	1240	0	0	11105536	11000000	11999999

Total number of pulses in waveform = 21

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	787068	3	13.0	89	1074	1538	1802	787068	0	1499999
2	1979551	3	8.0	55	1824	1745	1289	2771033	1500000	2999999
3	1484135	3	5.0	79	1943	1964	1737	4260026	3000000	4499999
4	1555501	3	16.0	96	1199	1334	1650	5821171	4500000	5999999
5	1662144	1	11.0	74	1569	0	0	7487498	6000000	7499999
6	1462409	1	12.0	90	1009	0	0	8951476	7500000	8999999
7	758174	1	7.0	91	1438	0	0	9710659	9000000	10499999
8	911543	2	14.0	94	1910	1078	0	10623640	10500000	11999999

Total number of pulses in waveform = 17

♀
 Waveform Num = 12
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	509084	1	6.0	66	1680	0	0	509084	0	666666

New3RandParmBi n5

2	678281	3	19.0	52	1969	1339	1558	1189045	666667	1333333
3	798093	2	6.0	69	1397	1758	0	1992004	1333334	2000000
4	227964	1	16.0	51	1294	0	0	2223123	2000001	2666667
5	759995	1	11.0	84	1422	0	0	2984412	2666668	3333334
6	561273	3	19.0	87	1529	1494	1920	3547107	3333335	4000001
7	880815	1	6.0	50	1980	0	0	4432865	4000002	4666668
8	741318	3	10.0	58	1926	1964	1939	5176163	4666669	5333335
9	691470	1	13.0	96	1842	0	0	5873462	5333336	6000002
10	604425	2	18.0	96	1269	1918	0	6479729	6000003	6666669
11	396873	1	19.0	86	1206	0	0	6879789	6666670	7333336
12	795826	1	13.0	64	1683	0	0	7676821	7333337	8000003
13	506751	3	15.0	55	1088	1446	1436	8185255	8000004	8666670
14	814247	3	5.0	96	1269	1211	1804	9003472	8666671	9333337
15	664520	2	7.0	69	1304	1787	0	9672276	9333338	10000004
16	761423	2	8.0	75	1952	1611	0	10436790	10000005	10666671
17	397522	3	9.0	82	1208	1770	1992	10837875	10666672	11333338
18	992741	3	8.0	78	1505	1833	1502	11835586	11333339	12000005

Total number of pulses in waveform = 36

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	381309	3	16.0	58	1034	1052	1167	381309	0	631578

New3RandParmBi n5

2	319065	3	16.0	51	1157	1741	1550	703627	631579	1263157
3	794921	3	18.0	74	1766	1417	1870	1502996	1263158	1894736
4	688014	1	12.0	64	1703	0	0	2196063	1894737	2526315
5	889998	2	11.0	84	1285	1399	0	3087764	2526316	3157894
6	393238	1	19.0	87	1553	0	0	3483686	3157895	3789473
7	831630	1	20.0	89	1854	0	0	4316869	3789474	4421052
8	540088	3	11.0	77	1112	1549	1383	4858811	4421053	5052631
9	616697	3	8.0	89	1331	1129	1439	5479552	5052632	5684210
10	500246	2	14.0	95	1224	1912	0	5983697	5684211	6315789
11	812284	2	13.0	60	1987	1571	0	6799117	6315790	6947368
12	565877	2	6.0	67	1694	1693	0	7368552	6947369	7578947
13	324999	3	8.0	58	1435	1945	1276	7696938	7578948	8210526
14	593056	3	18.0	71	1196	1960	1934	8294650	8210527	8842105
15	643236	2	5.0	74	1094	1576	0	8942976	8842106	9473684
16	607445	1	17.0	52	1708	0	0	9553091	9473685	10105263
17	797985	2	5.0	58	1099	1703	0	10352784	10105264	10736842
18	856632	1	20.0	85	1442	0	0	11212218	10736843	11368421
19	306548	3	7.0	58	1362	1521	1212	11520208	11368422	12000000

Total number of pulses in waveform = 41

♀

Waveform Num = 14

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBi n5

1	115001	2	16.0	56	1883	1018	0	115001	0	857142
2	1227418	2	12.0	99	1092	1046	0	1345320	857143	1714285
3	1138259	3	20.0	80	1594	1309	1656	2485717	1714286	2571428
4	735566	2	10.0	87	1923	1920	0	3225842	2571429	3428571
5	585940	2	6.0	94	1423	1930	0	3815625	3428572	4285714
6	973395	2	9.0	68	1217	1281	0	4792373	4285715	5142857
7	935253	2	9.0	78	1942	1726	0	5730124	5142858	6000000
8	277524	1	10.0	64	1889	0	0	6011316	6000001	6857143
9	884265	3	16.0	74	1433	1464	1594	6897470	6857144	7714286
10	1655183	3	15.0	96	1229	1622	1370	8557144	7714287	8571429
11	625513	3	13.0	92	1319	1120	1955	9186878	8571430	9428572
12	273118	1	6.0	69	1829	0	0	9464390	9428573	10285715
13	1458772	2	5.0	100	1190	1910	0	10924991	10285716	11142858
14	218635	1	5.0	65	1663	0	0	11146726	11142859	12000001

Total number of pulses in waveform = 29

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	159528	1	14.0	60	1177	0	0	159528	0	799999
2	1386261	2	15.0	88	1712	1998	0	1546966	800000	1599999
3	122369	2	17.0	96	1219	1333	0	1673045	1600000	2399999
4	996229	3	18.0	57	1611	1992	1793	2671826	2400000	3199999

New3RandParmBin5

5	779100	1	20.0	72	1247	0	0	3456322	3200000	3999999
6	1295836	3	10.0	51	1036	1119	1938	4753405	4000000	4799999
7	527123	1	17.0	76	1421	0	0	5284621	4800000	5599999
8	811917	1	5.0	93	1211	0	0	6097959	5600000	6399999
9	547049	2	15.0	69	1044	1336	0	6646219	6400000	7199999
10	1166824	3	8.0	80	1659	1707	1229	7815423	7200000	7999999
11	912151	3	8.0	57	1451	1288	1961	8732169	8000000	8799999
12	742427	3	6.0	51	1187	1612	1885	9479296	8800000	9599999
13	217240	2	13.0	76	1551	1296	0	9701220	9600000	10399999
14	1461207	2	16.0	60	1192	1149	0	11165274	10400000	11199999
15	583970	3	19.0	79	1923	1542	1606	11751585	11200000	11999999

Total number of pulses in waveform = 32

Waveform Num = 16
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	46905	3	5.0	57	1299	1575	1044	46905	0	1090908
2	2080112	1	10.0	84	1946	0	0	2130935	1090909	2181817
3	847617	2	18.0	64	1106	1845	0	2980498	2181818	3272726
4	1055519	3	12.0	81	1149	1141	1104	4038968	3272727	4363635
5	933843	1	5.0	73	1526	0	0	4976205	4363636	5454544
6	1157048	1	20.0	71	1113	0	0	6134779	5454545	6545453
7	520009	2	20.0	73	1066	1780	0	6655901	6545454	7636362

New3RandParmBin5

8	1448880	2	6.0	90	1975	1765	0	8107627	7636363	8727271
9	1490244	2	16.0	58	1685	1080	0	9601611	8727272	9818180
10	1136569	2	18.0	92	1975	1400	0	10740945	9818181	10909089
11	662195	3	19.0	67	1065	1485	1968	11406515	10909090	11999998

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	453254	3	15.0	71	1243	1199	1933	453254	0	799999
2	450419	3	18.0	71	1262	1940	1875	908048	800000	1599999
3	1444686	2	7.0	71	1520	1014	0	2357811	1600000	2399999
4	368606	1	6.0	58	1400	0	0	2728951	2400000	3199999
5	1050883	3	17.0	69	1812	1290	1852	3781234	3200000	3999999
6	669487	1	7.0	64	1982	0	0	4455675	4000000	4799999
7	768047	2	5.0	72	1457	1594	0	5225704	4800000	5599999
8	1149566	1	12.0	61	1682	0	0	6378321	5600000	6399999
9	316845	3	9.0	95	1081	1748	1552	6696848	6400000	7199999
10	515008	3	8.0	72	1912	1845	1534	7216237	7200000	7999999
11	1331133	3	7.0	87	1520	1135	1381	8552661	8000000	8799999
12	485613	3	9.0	59	1260	1555	1104	9042310	8800000	9599999
13	664316	2	7.0	52	1866	1724	0	9710545	9600000	10399999
14	1029677	3	16.0	92	1985	1285	1575	10743812	10400000	11199999

New3RandParmBin5

15 640405 2 19.0 89 1592 1013 0 11389062 11200000 11999999
 Total number of pulses in waveform = 35

♀
 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	405350	2	10.0	69	1996	1692	0	405350	0	923076
2	1053021	2	18.0	77	1953	1458	0	1462059	923077	1846153
3	576517	1	18.0	69	1691	0	0	2041987	1846154	2769230
4	765797	3	10.0	62	1062	1101	1356	2809475	2769231	3692307
5	1412767	1	19.0	91	1281	0	0	4225761	3692308	4615384
6	1198326	3	14.0	63	1770	1919	1569	5425368	4615385	5538461
7	628077	1	7.0	56	1232	0	0	6058703	5538462	6461538
8	780419	1	5.0	59	1945	0	0	6840354	6461539	7384615
9	554762	2	12.0	61	1697	1113	0	7397061	7384616	8307692
10	1019868	1	12.0	96	1477	0	0	8419739	8307693	9230769
11	1482717	3	9.0	80	1489	1755	1734	9903933	9230770	10153846
12	1086914	1	8.0	68	1833	0	0	10995825	10153847	11076923
13	615497	3	8.0	55	1079	1220	1081	11613155	11076924	12000000

Total number of pulses in waveform = 24

♀
 Waveform Num = 19
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBi n5

1	866129	1	12.0	69	1751	0	0	866129	0	999999
2	574520	3	17.0	80	1506	1363	1251	1442400	1000000	1999999
3	640217	3	20.0	64	1288	1474	1059	2086737	2000000	2999999
4	915799	3	16.0	58	1125	1141	1322	3006357	3000000	3999999
5	1647952	1	11.0	50	1770	0	0	4657897	4000000	4999999
6	758884	1	18.0	71	1902	0	0	5418551	5000000	5999999
7	1026092	1	18.0	91	1709	0	0	6446545	6000000	6999999
8	1132357	2	6.0	85	1692	1163	0	7580611	7000000	7999999
9	842790	2	16.0	92	1930	1375	0	8426256	8000000	8999999
10	1566061	1	16.0	88	1182	0	0	9995622	9000000	9999999
11	505499	3	18.0	97	1603	1219	1467	10502303	10000000	10999999
12	1481496	2	16.0	64	1714	1688	0	11988088	11000000	11999999

Total number of pulses in waveform = 23

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	477363	2	12.0	72	1396	1796	0	477363	0	799999
2	1041421	3	18.0	84	1776	1235	1887	1521976	800000	1599999
3	459124	3	13.0	86	1050	1574	1469	1985998	1600000	2399999
4	604372	1	19.0	95	1746	0	0	2594463	2400000	3199999
5	909407	3	13.0	69	1568	1373	1988	3505616	3200000	3999999
6	879091	1	8.0	90	1842	0	0	4389636	4000000	4799999

New3RandParmBin5

7	802113	3	5.0	88	1602	1925	1169	5193591	4800000	5599999
8	608622	3	20.0	87	1982	1812	1982	5806909	5600000	6399999
9	692005	2	5.0	59	1864	1544	0	6504690	6400000	7199999
10	1263152	1	7.0	57	1297	0	0	7771250	7200000	7999999
11	349009	1	15.0	71	1063	0	0	8121556	8000000	8799999
12	971673	3	12.0	79	1605	1686	1296	9094292	8800000	9599999
13	997985	2	12.0	100	1902	1875	0	10096864	9600000	10399999
14	449022	2	6.0	59	1276	1424	0	10549663	10400000	11199999
15	853682	2	14.0	83	1259	1833	0	11406045	11200000	11999999

Total number of pulses in waveform = 32

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1035466	3	10.0	81	1741	1455	1546	1035466	0	1199999
2	1315711	2	17.0	85	1819	1489	0	2355919	1200000	2399999
3	385073	3	15.0	63	1172	1710	1100	2744300	2400000	3599999
4	906127	1	18.0	77	1721	0	0	3654409	3600000	4799999
5	2324604	2	12.0	88	1551	1584	0	5980734	4800000	5999999
6	925451	3	12.0	57	1332	1112	1371	6909320	6000000	7199999
7	378190	1	14.0	52	1107	0	0	7291325	7200000	8399999
8	2089928	3	20.0	55	1090	1591	1653	9382360	8400000	9599999
9	1148529	2	18.0	100	1940	1421	0	10535223	9600000	10799999

New3RandParmBin5

462391
 10 3 16.0 54 1905 1913 1459 11000975 10800000 11999999
 Total number of pulses in waveform = 23
 †
 Waveform Num = 22
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	285416	3	10.0	90	1680	1670	1474	285416	0	1090908
2	1193921	1	12.0	66	1390	0	0	1484161	1090909	2181817
3	1002686	3	6.0	66	1414	1428	1696	2488237	2181818	3272726
4	1474047	1	15.0	67	1821	0	0	3966822	3272727	4363635
5	481435	2	16.0	55	1656	1793	0	4450078	4363636	5454544
6	1832939	3	10.0	94	1696	1903	1298	6286466	5454545	6545453
7	412200	2	18.0	78	1846	1952	0	6703563	6545454	7636362
8	1394299	1	19.0	81	1266	0	0	8101660	7636363	8727271
9	1237446	3	13.0	100	1374	1840	1766	9340372	8727272	9818180
10	1144282	1	12.0	78	1153	0	0	10489634	9818181	10909089
11	1251331	3	12.0	69	1476	1477	1103	11742118	10909090	11999998

Total number of pulses in waveform = 23
 †
 Waveform Num = 23
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	899673	3	13.0	60	1475	1227	1704	899673	0	923076
2	523484	2	11.0	72	1938	1262	0	1427563	923077	1846153

New3RandParmBin5

3	1097413	1	5.0	86	1246	0	0	2528176	1846154	2769230
4	811630	3	7.0	55	1001	1070	1218	3341052	2769231	3692307
5	664606	1	18.0	68	1267	0	0	4008947	3692308	4615384
6	1004761	3	5.0	69	1063	1415	1956	5014975	4615385	5538461
7	1234505	2	8.0	72	1391	1347	0	6253914	5538462	6461538
8	584360	3	18.0	61	1160	1566	1429	6841012	6461539	7384615
9	901682	1	20.0	68	1865	0	0	7746849	7384616	8307692
10	948470	1	11.0	86	1090	0	0	8697184	8307693	9230769
11	1299431	1	7.0	65	1479	0	0	9997705	9230770	10153846
12	1017425	3	15.0	89	1851	1834	1153	11016609	10153847	11076923
13	512563	1	20.0	89	1080	0	0	11534010	11076924	12000000

Total number of pulses in waveform = 25

Waveform Num = 24
 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	545356	1	14.0	55	1320	0	0	545356	0	749999
2	360133	2	15.0	86	1370	1779	0	906809	750000	1499999
3	963748	1	14.0	93	1715	0	0	1873706	1500000	2249999
4	861191	2	10.0	88	1574	1513	0	2736612	2250000	2999999
5	276946	1	9.0	75	1702	0	0	3016645	3000000	3749999
6	1174447	2	7.0	72	1427	1564	0	4192794	3750000	4499999
7	615920	1	12.0	75	1817	0	0	4811705	4500000	5249999

New3RandParmBin5

8	598042	3	18.0	66	1737	1656	1917	5411564	5250000	5999999
9	895956	2	20.0	55	1583	1109	0	6312830	6000000	6749999
10	888018	1	17.0	94	1320	0	0	7203540	6750000	7499999
11	675900	2	7.0	78	1622	1546	0	7880760	7500000	8249999
12	689806	2	10.0	71	1917	1713	0	8573734	8250000	8999999
13	603552	1	10.0	88	1453	0	0	9180916	9000000	9749999
14	889392	1	9.0	88	1470	0	0	10071761	9750000	10499999
15	939157	2	13.0	66	1596	1231	0	11012388	10500000	11249999
16	821496	1	12.0	76	1726	0	0	11836711	11250000	11999999

Total number of pulses in waveform = 25

♀

Waveform Num = 25

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	816871	1	8.0	63	1005	0	0	816871	0	1499999
2	1267940	2	18.0	69	1290	1727	0	2085816	1500000	2999999
3	1048870	3	20.0	96	1014	1308	1147	3137703	3000000	4499999
4	2749424	2	12.0	80	1711	1809	0	5890596	4500000	5999999
5	1337568	2	11.0	93	1069	1055	0	7231684	6000000	7499999
6	481149	3	19.0	75	1765	1748	1717	7714957	7500000	8999999
7	2418831	2	12.0	71	1198	1963	0	10139018	9000000	10499999
8	1768836	2	9.0	98	1248	1958	0	11911015	10500000	11999999

Total number of pulses in waveform = 17

♀

New3RandParmBi n5

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	448936	1	14.0	85	1892	0	0	448936	0	631578
2	583054	2	19.0	87	1681	1419	0	1033882	631579	1263157
3	339915	2	19.0	68	1966	1357	0	1376897	1263158	1894736
4	526313	1	5.0	58	1489	0	0	1906533	1894737	2526315
5	933332	3	7.0	59	1822	1018	1987	2841354	2526316	3157894
6	491336	1	11.0	94	1224	0	0	3337517	3157895	3789473
7	926897	1	10.0	87	1184	0	0	4265638	3789474	4421052
8	495621	1	6.0	58	1119	0	0	4762443	4421053	5052631
9	632553	1	10.0	96	1124	0	0	5396115	5052632	5684210
10	359959	2	10.0	92	1239	1105	0	5757198	5684211	6315789
11	1166876	1	20.0	77	1243	0	0	6926418	6315790	6947368
12	203029	2	8.0	96	1074	1027	0	7130690	6947369	7578947
13	491162	3	14.0	79	1782	1867	1915	7623953	7578948	8210526
14	609544	2	16.0	62	1639	1074	0	8239061	8210527	8842105
15	894784	3	14.0	89	1542	1556	1202	9136558	8842106	9473684
16	944349	2	20.0	79	1207	1743	0	10085207	9473685	10105263
17	301510	1	17.0	96	1615	0	0	10389667	10105264	10736842
18	739397	2	6.0	91	1137	1342	0	11130679	10736843	11368421
19	280767	3	8.0	79	1574	1212	1266	11413925	11368422	12000000

New3RandParmBi n5

Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1001190	3	17.0	70	1578	1448	1047	1001190	0	1333332
2	798110	1	15.0	91	1370	0	0	1803373	1333333	2666665
3	1245454	1	7.0	70	1319	0	0	3050197	2666666	3999998
4	1023328	3	5.0	62	1691	1713	1480	4074844	3999999	5333331
5	1778199	2	8.0	55	1872	1468	0	5857927	5333332	6666664
6	1204588	1	13.0	92	1426	0	0	7065855	6666665	7999997
7	2146171	1	5.0	88	1525	0	0	9213452	7999998	9333330
8	1318276	1	5.0	81	1523	0	0	10533253	9333331	10666663
9	606856	1	5.0	64	1027	0	0	11141632	10666664	11999996

Total number of pulses in waveform = 14

‡
 Waveform Num = 28
 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	431177	2	5.0	96	1041	1066	0	431177	0	666666
2	257726	1	8.0	98	1931	0	0	691010	666667	1333333
3	1173324	3	19.0	63	1065	1602	1977	1866265	1333334	2000000
4	139497	1	16.0	86	1770	0	0	2010406	2000001	2666667
5	1121050	2	19.0	94	1325	1738	0	3133226	2666668	3333334

New3RandParmBi n5

6	628558	2	11.0	90	1123	1450	0	3764847	3333335	4000001
7	605848	3	15.0	76	1755	1943	1832	4373268	4000002	4666668
8	456136	3	16.0	63	1525	1083	1843	4834934	4666669	5333335
9	542861	2	9.0	74	1795	1264	0	5382246	5333336	6000002
10	673413	3	18.0	90	1615	1866	1089	6058718	6000003	6666669
11	642799	3	9.0	99	1609	1124	1484	6706087	6666670	7333336
12	1275601	2	17.0	65	1160	1922	0	7985905	7333337	8000003
13	449536	3	14.0	64	1652	1884	1865	8438523	8000004	8666670
14	630930	2	14.0	96	1368	1248	0	9074854	8666671	9333337
15	896696	3	12.0	92	1657	1050	1860	9974166	9333338	10000004
16	308777	3	13.0	92	1950	1800	2000	10287510	10000005	10666671
17	953383	2	9.0	83	1576	1104	0	11246643	10666672	11333338
18	224206	1	16.0	56	1063	0	0	11473529	11333339	12000005

Total number of pulses in waveform = 41

Waveform Num = 29
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	830213	2	19.0	68	1260	1119	0	830213	0	1199999
2	691132	2	20.0	85	1477	1638	0	1523724	1200000	2399999
3	1764953	1	17.0	92	1525	0	0	3291792	2400000	3599999
4	689436	1	16.0	100	1515	0	0	3982753	3600000	4799999
5	1023355	3	6.0	56	1748	1665	1912	5007623	4800000	5999999

New3RandParmBin5

6	1018428	2	8.0	91	1662	1622	0	6031376	600000	7199999
7	1366228	2	13.0	61	1400	1553	0	7400888	720000	8399999
8	1831880	3	15.0	98	1751	1298	1140	9235721	840000	9599999
9	885345	1	10.0	64	1514	0	0	10125255	960000	10799999
10	1207491	2	18.0	88	1281	1209	0	11334260	1080000	11999999

Total number of pulses in waveform = 19

Waveform Num = 30
 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	582332	2	7.0	78	1530	1360	0	582332	0	799999
2	901789	2	15.0	99	1863	1455	0	1487011	800000	1599999
3	156368	1	6.0	62	1685	0	0	1646697	1600000	2399999
4	1383779	1	10.0	51	1542	0	0	3032161	2400000	3199999
5	265373	2	11.0	82	1621	1328	0	3299076	3200000	3999999
6	854277	3	9.0	75	1689	1173	1523	4156302	4000000	4799999
7	885893	3	11.0	67	1543	1659	1963	5046580	4800000	5599999
8	759956	3	20.0	97	1872	1203	1031	5811701	5600000	6399999
9	1344949	2	7.0	51	1031	1982	0	7160756	6400000	7199999
10	327205	3	17.0	52	1423	1874	1279	7490974	7200000	7999999
11	567939	2	15.0	97	1139	1559	0	8063489	8000000	8799999
12	1491584	1	6.0	99	1574	0	0	9557771	8800000	9599999
13	44723	1	10.0	69	1217	0	0	9604068	9600000	10399999

New3RandParmBi n5

14 1062965 2 5.0 62 1150 1661 0 10668250 10400000 11199999
 645075
 15 3 15.0 93 1902 1821 1570 11316136 11200000 11999999

Total number of pulses in waveform = 31

♀
 Random DFS waveform parameters (NewBi n5) 22-Jun-2015 17:47:29

Waveform Num = 1
 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	458649	1	19.0	51	1353	0	0	458649	0	999999
2	1028408	3	14.0	82	1068	1129	1904	1488410	1000000	1999999
3	1320550	3	10.0	65	1649	1317	1997	2813061	2000000	2999999
4	952563	2	5.0	73	1360	1200	0	3770587	3000000	3999999
5	638658	2	15.0	97	1608	1565	0	4411805	4000000	4999999
6	839529	2	7.0	74	1810	1043	0	5254507	5000000	5999999
7	1613556	2	17.0	87	1477	1661	0	6870916	6000000	6999999
8	156212	1	9.0	98	1545	0	0	7030266	7000000	7999999
9	995351	1	15.0	89	1078	0	0	8027162	8000000	8999999
10	1857066	3	17.0	91	1393	1489	1350	9885306	9000000	9999999
11	329667	3	8.0	81	2000	1557	1867	10219205	10000000	10999999
12	1396197	1	18.0	100	1110	0	0	11620826	11000000	11999999

Total number of pulses in waveform = 24

♀
 Waveform Num = 2
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	154544	1	12.0	81	1652	0	0	154544	0	799999
2	1137313	1	7.0	74	1744	0	0	1293509	800000	1599999
3	718716	1	18.0	80	1778	0	0	2013969	1600000	2399999
4	696800	3	17.0	63	1922	1478	1355	2712547	2400000	3199999
5	491534	1	8.0	89	1081	0	0	3208836	3200000	3999999
6	1103083	1	8.0	95	1666	0	0	4313000	4000000	4799999
7	1060417	2	8.0	96	1524	1201	0	5375083	4800000	5599999
8	715070	2	11.0	85	1865	1364	0	6092878	5600000	6399999
9	474539	3	16.0	63	1146	1993	1967	6570646	6400000	7199999
10	1388600	3	12.0	80	1166	1254	1116	7964352	7200000	7999999
11	771567	1	14.0	79	1648	0	0	8739455	8000000	8799999
12	540731	1	15.0	71	1637	0	0	9281834	8800000	9599999
13	491606	1	7.0	78	1004	0	0	9775077	9600000	10399999
14	919488	1	14.0	71	1738	0	0	10695569	10400000	11199999
15	1142641	2	9.0	98	1002	1291	0	11839948	11200000	11999999

Total number of pulses in waveform = 24

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1359	2	14.0	90	1198	1666	0	1359	0	799999
2	895828	3	5.0	57	1861	1736	1474	900051	800000	1599999

New3RandParmBi n5

3	1212399	2	16.0	51	1167	1851	0	2117521	1600000	2399999
4	888736	3	15.0	63	1106	1264	1550	3009275	2400000	3199999
5	763731	3	6.0	94	1788	1657	1755	3776926	3200000	3999999
6	876883	3	5.0	58	1062	1068	1617	4659009	4000000	4799999
7	529823	3	11.0	98	1588	1369	1809	5192579	4800000	5599999
8	537521	2	19.0	51	1127	1079	0	5734866	5600000	6399999
9	789160	1	11.0	58	1276	0	0	6526232	6400000	7199999
10	1395298	1	9.0	94	1889	0	0	7922806	7200000	7999999
11	231430	1	6.0	98	1539	0	0	8156125	8000000	8799999
12	737727	1	20.0	87	1228	0	0	8895391	8800000	9599999
13	718468	3	16.0	74	1124	1501	1461	9615087	9600000	10399999
14	899935	3	7.0	68	2000	1572	1405	10519108	10400000	11199999
15	1144813	1	6.0	96	1369	0	0	11668898	11200000	11999999

Total number of pulses in waveform = 32

Waveform Num = 4
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	376007	3	8.0	91	1194	1597	1072	376007	0	799999
2	695941	1	13.0	51	1707	0	0	1075811	800000	1599999
3	758663	2	7.0	77	1793	1288	0	1836181	1600000	2399999
4	1091158	2	6.0	80	1820	1654	0	2930420	2400000	3199999
5	605279	3	8.0	55	1189	1115	1596	3539173	3200000	3999999

New3RandParmBin5

6	1037258	2	16.0	69	1493	1936	0	4580331	4000000	4799999
7	814878	1	16.0	99	1744	0	0	5398638	4800000	5599999
8	358129	1	7.0	65	1555	0	0	5758511	5600000	6399999
9	1328126	3	7.0	76	1137	1117	1800	7088192	6400000	7199999
10	895786	1	5.0	80	1482	0	0	7988032	7200000	7999999
11	319693	2	13.0	75	1505	1429	0	8309207	8000000	8799999
12	1270912	2	11.0	52	2000	1856	0	9583053	8800000	9599999
13	69500	1	8.0	56	1968	0	0	9656409	9600000	10399999
14	1173317	2	12.0	66	1296	1172	0	10831694	10400000	11199999
15	515841	2	12.0	76	1289	1266	0	11350003	11200000	11999999

Total number of pulses in waveform = 28

Waveform Num = 5
 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	814870	2	19.0	76	1648	1397	0	814870	0	999999
2	339840	2	17.0	100	1259	1015	0	1157755	1000000	1999999
3	1076346	2	20.0	65	1008	1033	0	2236375	2000000	2999999
4	1337469	2	10.0	59	1985	1205	0	3575885	3000000	3999999
5	1360918	3	17.0	77	1067	1058	1217	4939993	4000000	4999999
6	941835	2	15.0	62	1281	1608	0	5885170	5000000	5999999
7	1089518	3	13.0	78	1205	1836	1855	6977577	6000000	6999999
8	796547	2	14.0	51	1972	1807	0	7779020	7000000	7999999

New3RandParmBin5

9	1145632	1	16.0	72	1772	0	0	8928431	8000000	8999999
10	239135	3	8.0	82	1061	1117	1367	9169338	9000000	9999999
11	1590918	1	10.0	87	1073	0	0	10763801	10000000	10999999
12	1110247	2	12.0	51	1099	1763	0	11875121	11000000	11999999

Total number of pulses in waveform = 25

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	20698	1	17.0	56	1898	0	0	20698	0	1199999
2	1570860	1	12.0	65	1167	0	0	1593456	1200000	2399999
3	1715568	3	8.0	62	1180	1978	1835	3310191	2400000	3599999
4	317435	3	10.0	67	1387	1104	1787	3632619	3600000	4799999
5	1707416	2	15.0	84	1887	1765	0	5344313	4800000	5999999
6	1594933	2	9.0	55	1680	1359	0	6942898	6000000	7199999
7	969177	1	17.0	91	1416	0	0	7915114	7200000	8399999
8	1055390	1	11.0	76	1319	0	0	8971920	8400000	9599999
9	1259882	1	11.0	86	1290	0	0	10233121	9600000	10799999
10	598544	3	8.0	84	1980	1638	1001	10832955	10800000	11999999

Total number of pulses in waveform = 18

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBi n5

1	545508	1	10.0	90	1727	0	0	545508	0	705881
2	518260	1	5.0	92	1688	0	0	1065495	705882	1411763
3	677871	2	7.0	87	1870	1560	0	1745054	1411764	2117645
4	753191	2	16.0	68	1861	1930	0	2501675	2117646	2823527
5	590821	3	10.0	95	1794	1051	1168	3096287	2823528	3529409
6	928959	1	20.0	51	1874	0	0	4029259	3529410	4235291
7	687094	1	16.0	67	1442	0	0	4718227	4235292	4941173
8	670944	2	9.0	68	1073	1312	0	5390613	4941174	5647055
9	551963	2	10.0	91	1480	1828	0	5944961	5647056	6352937
10	717520	2	19.0	58	1510	1962	0	6665789	6352938	7058819
11	986866	2	11.0	57	1683	1553	0	7656127	7058820	7764701
12	272679	2	8.0	72	1363	1492	0	7932042	7764702	8470583
13	664882	2	18.0	96	1187	1326	0	8599779	8470584	9176465
14	1146133	3	17.0	98	1515	1976	1655	9748425	9176466	9882347
15	705219	3	6.0	64	1023	1038	1317	10458790	9882348	10588229
16	494501	2	11.0	99	1761	1466	0	10956669	10588230	11294111
17	843905	2	15.0	54	1421	1248	0	11803801	11294112	11999993

Total number of pulses in waveform = 33

♀
 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	359625	1	5.0	77	1870	0	0	359625	0	666666

New3RandParmBi n5

2	917379	2	14.0	59	1466	1687	0	1278874	666667	1333333
3	375992	3	6.0	53	1605	1337	1019	1658019	1333334	2000000
4	552516	1	17.0	85	1155	0	0	2214496	2000001	2666667
5	842016	1	18.0	66	1009	0	0	3057667	2666668	3333334
6	493958	2	20.0	91	1713	1597	0	3552634	3333335	4000001
7	879638	2	16.0	61	1845	1364	0	4435582	4000002	4666668
8	337718	2	19.0	57	1602	1251	0	4776509	4666669	5333335
9	758337	3	12.0	51	1269	1064	1926	5537699	5333336	6000002
10	919681	2	12.0	92	1502	1651	0	6461639	6000003	6666669
11	493072	3	20.0	50	1428	1590	1863	6957864	6666670	7333336
12	613462	3	8.0	50	1307	1687	1272	7576207	7333337	8000003
13	887163	2	15.0	92	1138	1454	0	8467636	8000004	8666670
14	549768	3	7.0	53	1652	1819	1882	9019996	8666671	9333337
15	635901	2	16.0	57	1244	1334	0	9661250	9333338	10000004
16	700379	2	11.0	95	1735	1141	0	10364207	10000005	10666671
17	815649	1	14.0	96	1125	0	0	11182732	10666672	11333338
18	457895	1	10.0	96	1504	0	0	11641752	11333339	12000005

Total number of pulses in waveform = 36

♀
 Waveform Num = 9
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	771929	1	9.0	52	1401	0	0	771929	0	1499999

New3RandParmBin5

2	1674351	3	14.0	57	1173	1691	1669	2447681	1500000	2999999
3	1450727	1	18.0	78	1352	0	0	3902941	3000000	4499999
4	1507822	1	6.0	55	1459	0	0	5412115	4500000	5999999
5	2058507	1	6.0	94	1937	0	0	7472081	6000000	7499999
6	1372285	2	11.0	54	1878	1413	0	8846303	7500000	8999999
7	456025	2	20.0	90	1748	1185	0	9305619	9000000	10499999
8	1780875	2	10.0	62	1322	1578	0	11089427	10500000	11999999

Total number of pulses in waveform = 13

Waveform Num = 10
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	568571	3	11.0	75	1797	1034	1451	568571	0	857142
2	1049157	2	17.0	61	1265	1803	0	1622010	857143	1714285
3	826113	2	13.0	55	1164	1299	0	2451191	1714286	2571428
4	508710	1	15.0	90	1246	0	0	2962364	2571429	3428571
5	909069	1	12.0	65	1426	0	0	3872679	3428572	4285714
6	638085	3	16.0	62	1368	1213	1877	4512190	4285715	5142857
7	674678	2	17.0	97	1809	1866	0	5191326	5142858	6000000
8	1622279	2	5.0	52	1786	1860	0	6817280	6000001	6857143
9	517024	2	15.0	74	1991	1610	0	7337950	6857144	7714286
10	620419	1	9.0	54	1043	0	0	7961970	7714287	8571429
11	1190102	1	16.0	87	1633	0	0	9153115	8571430	9428572

New3RandParmBin5

12	1101448	2	20.0	76	1968	1031	0	10256196	9428573	10285715
13	632342	2	5.0	62	1224	1292	0	10891537	10285716	11142858
14	259401	3	10.0	82	1587	1305	1424	11153454	11142859	12000001

Total number of pulses in waveform = 27

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	65984	1	13.0	67	1240	0	0	65984	0	799999
2	1407327	2	14.0	65	1992	1988	0	1474551	800000	1599999
3	684711	2	17.0	66	1399	1045	0	2163242	1600000	2399999
4	687903	1	17.0	63	1033	0	0	2853589	2400000	3199999
5	480970	3	11.0	61	1341	1468	1717	3335592	3200000	3999999
6	1256143	3	13.0	65	1443	1040	1137	4596261	4000000	4799999
7	992016	2	15.0	75	1345	1533	0	5591897	4800000	5599999
8	277282	3	11.0	65	1035	1582	1799	5872057	5600000	6399999
9	1145619	2	6.0	68	1418	1167	0	7022092	6400000	7199999
10	439304	2	10.0	56	1311	1265	0	7463981	7200000	7999999
11	1156220	1	8.0	91	1992	0	0	8622777	8000000	8799999
12	203370	2	15.0	99	1812	1064	0	8828139	8800000	9599999
13	1537971	2	10.0	73	1319	1242	0	10368986	9600000	10399999
14	441006	1	8.0	84	1708	0	0	10812553	10400000	11199999
15	697943	3	6.0	97	1004	1104	1061	11512204	11200000	11999999

New3RandParmBi n5

Total number of pulses in waveform = 30

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	783690	3	5.0	75	1251	1672	1939	783690	0	1333332
2	928218	3	13.0	85	1072	1593	1462	1716770	1333333	2666665
3	2020193	1	8.0	53	1979	0	0	3741090	2666666	3999998
4	627585	2	18.0	83	1107	1850	0	4370654	3999999	5333331
5	1684481	3	9.0	87	1087	1295	1668	6058092	5333332	6666664
6	1511429	1	5.0	55	1738	0	0	7573571	6666665	7999997
7	1516300	3	17.0	61	1571	1893	1278	9091609	7999998	9333330
8	1382671	2	5.0	97	1748	1847	0	10479022	9333331	10666663
9	1414347	1	20.0	99	1546	0	0	11896964	10666664	11999996

Total number of pulses in waveform = 19

♀
 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	236431	3	10.0	58	1747	1668	1639	236431	0	923076
2	1183655	1	18.0	93	1735	0	0	1425140	923077	1846153
3	1079900	1	17.0	77	1321	0	0	2506775	1846154	2769230
4	415565	3	11.0	61	1662	1581	1669	2923661	2769231	3692307
5	1158787	1	5.0	56	1721	0	0	4087360	3692308	4615384

New3RandParmBi n5

6	1305993	2	13.0	71	1201	1351	0	5395074	4615385	5538461
7	830621	2	11.0	69	1305	1395	0	6228247	5538462	6461538
8	1136232	1	6.0	69	1451	0	0	7367179	6461539	7384615
9	639314	3	11.0	94	1441	1396	1120	8007944	7384616	8307692
10	747921	2	20.0	100	1657	1365	0	8759822	8307693	9230769
11	1307113	1	9.0	73	1685	0	0	10069957	9230770	10153846
12	508308	1	11.0	54	1482	0	0	10579950	10153847	11076923
13	1320348	1	5.0	76	1425	0	0	11901780	11076924	12000000

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	669411	2	14.0	54	1032	1512	0	669411	0	749999
2	405975	2	5.0	69	1783	1407	0	1077930	750000	1499999
3	1011456	3	12.0	55	1444	1941	1242	2092576	1500000	2249999
4	359855	2	5.0	97	1397	1464	0	2457058	2250000	2999999
5	1188239	3	16.0	64	1800	1245	1484	3648158	3000000	3749999
6	413170	1	8.0	70	1585	0	0	4065857	3750000	4499999
7	466251	2	9.0	99	1429	1042	0	4533693	4500000	5249999
8	1118760	3	7.0	75	1749	1505	1837	5654924	5250000	5999999
9	942681	1	11.0	87	1296	0	0	6602696	6000000	6749999
10	480905	1	5.0	56	1057	0	0	7084897	6750000	7499999

New3RandParmBin5

11	486778	2	20.0	58	1891	1335	0	7572732	7500000	8249999
12	989322	2	20.0	75	1128	1099	0	8565280	8250000	8999999
13	468566	2	17.0	65	1375	1958	0	9036073	9000000	9749999
14	987532	2	13.0	89	1873	1666	0	10026938	9750000	10499999
15	778085	3	16.0	85	1716	1731	1626	10808562	10500000	11249999
16	1112329	3	9.0	83	1191	1436	1943	11925964	11250000	11999999

Total number of pulses in waveform = 34

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	273452	3	6.0	79	1092	1917	1325	273452	0	705881
2	671276	1	15.0	52	1550	0	0	949062	705882	1411763
3	1036651	2	7.0	84	1319	1007	0	1987263	1411764	2117645
4	548814	3	20.0	58	1389	1921	1752	2538403	2117646	2823527
5	842601	2	12.0	75	1802	1911	0	3386066	2823528	3529409
6	839749	3	15.0	54	1951	1453	1594	4229528	3529410	4235291
7	693288	2	5.0	87	1108	1383	0	4927814	4235292	4941173
8	551202	2	12.0	86	1046	1343	0	5481507	4941174	5647055
9	615359	2	11.0	69	1860	1228	0	6099255	5647056	6352937
10	369088	2	20.0	63	1200	1434	0	6471431	6352938	7058819
11	863396	3	20.0	97	1988	1065	1956	7337461	7058820	7764701
12	632126	1	17.0	87	1684	0	0	7974596	7764702	8470583

New3RandParmBin5

13	878159	2	12.0	97	1511	1993	0	8854439	8470584	9176465
14	639109	1	6.0	78	1755	0	0	9497052	9176466	9882347
15	457460	2	11.0	53	1675	1135	0	9956267	9882348	10588229
16	734222	2	9.0	91	1961	1412	0	10693299	10588230	11294111
17	1066040	1	10.0	57	1741	0	0	11762712	11294112	11999993

Total number of pulses in waveform = 34

Waveform Num = 16
 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	278976	3	18.0	62	1145	1664	1103	278976	0	705881
2	727728	3	14.0	84	1233	1682	1151	1010616	705882	1411763
3	1071399	1	9.0	65	1081	0	0	2086081	1411764	2117645
4	716803	2	18.0	59	1844	1465	0	2803965	2117646	2823527
5	533951	3	9.0	67	1947	1591	1297	3341225	2823528	3529409
6	873419	2	13.0	83	1957	1181	0	4219479	3529410	4235291
7	271056	3	11.0	69	1704	1801	1488	4493673	4235292	4941173
8	448278	1	6.0	53	1636	0	0	4946944	4941174	5647055
9	950655	2	20.0	94	1259	1932	0	5899235	5647056	6352937
10	744135	2	13.0	72	1858	1298	0	6646561	6352938	7058819
11	881696	3	9.0	97	1612	1432	1590	7531413	7058820	7764701
12	629014	3	6.0	53	1225	1219	1777	8165061	7764702	8470583
13	748451	3	8.0	82	1498	1284	1125	8917733	8470584	9176465

New3RandParmBin5

14	942333	2	12.0	94	1224	1231	0	9863973	9176466	9882347
15	561032	2	7.0	74	1705	1764	0	10427460	9882348	10588229
16	735550	2	19.0	84	1027	1056	0	11166479	10588230	11294111
17	363597	2	18.0	71	1549	1208	0	11532159	11294112	11999993

Total number of pulses in waveform = 39

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	448228	2	18.0	65	1653	1532	0	448228	0	705881
2	791645	2	19.0	55	1037	1034	0	1243058	705882	1411763
3	229806	1	12.0	63	1033	0	0	1474935	1411764	2117645
4	893917	3	11.0	54	1434	1439	1651	2369885	2117646	2823527
5	493469	1	17.0	92	1730	0	0	2867878	2823528	3529409
6	745221	2	15.0	66	1732	1886	0	3614829	3529410	4235291
7	717771	1	7.0	77	1662	0	0	4336218	4235292	4941173
8	888021	2	14.0	91	1219	1645	0	5225901	4941174	5647055
9	787074	3	6.0	88	1137	1357	1051	6015839	5647056	6352937
10	806112	1	6.0	59	1591	0	0	6825496	6352938	7058819
11	603412	2	12.0	82	1110	1588	0	7430499	7058820	7764701
12	979706	2	12.0	76	1389	1999	0	8412903	7764702	8470583
13	139401	2	18.0	94	1103	1956	0	8555692	8470584	9176465
14	808480	3	5.0	80	1435	1804	1658	9367231	9176466	9882347

New3RandParmBin5

15	1041977	2	14.0	68	1441	1207	0	10414105	9882348	10588229
16	778410	1	18.0	85	1276	0	0	11195163	10588230	11294111
17	650758	2	15.0	51	1644	1703	0	11847197	11294112	11999993

Total number of pulses in waveform = 32

Waveform Num = 18
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	112525	1	20.0	81	1350	0	0	112525	0	705881
2	641007	1	7.0	56	1735	0	0	754882	705882	1411763
3	893735	3	8.0	88	1804	1056	1431	1650352	1411764	2117645
4	605674	3	17.0	57	1948	1242	1745	2260317	2117646	2823527
5	667866	2	17.0	67	1178	1516	0	2933118	2823528	3529409
6	1111186	2	19.0	60	1049	1772	0	4046998	3529410	4235291
7	564230	3	7.0	70	1494	1981	1152	4614049	4235292	4941173
8	596538	3	11.0	66	1403	1500	1749	5215214	4941174	5647055
9	903663	1	15.0	50	1539	0	0	6123529	5647056	6352937
10	927690	1	6.0	56	1429	0	0	7052758	6352938	7058819
11	242492	2	14.0	87	1608	1978	0	7296679	7058820	7764701
12	957190	1	6.0	84	1189	0	0	8257455	7764702	8470583
13	528132	2	8.0	91	1554	1127	0	8786776	8470584	9176465
14	898295	2	16.0	55	1445	1390	0	9687752	9176466	9882347
15	806647	1	6.0	69	1139	0	0	10497234	9882348	10588229

New3RandParmBi n5

16	453828	1	20.0	100	1267	0	0	10952201	10588230	11294111
	738792									
17		1	17.0	69	1647	0	0	11692260	11294112	11999993

Total number of pulses in waveform = 30

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	487771	2	14.0	50	1940	1704	0	487771	0	631578
2	485160	1	12.0	51	1640	0	0	976575	631579	1263157
3	893693	3	13.0	80	1559	1658	1361	1871908	1263158	1894736
4	553976	3	8.0	57	1263	1287	1429	2430462	1894737	2526315
5	516341	1	17.0	71	1556	0	0	2950782	2526316	3157894
6	241093	3	7.0	99	1023	1035	1489	3193431	3157895	3789473
7	1195099	1	9.0	81	1597	0	0	4392077	3789474	4421052
8	371894	3	20.0	82	1507	1854	1213	4765568	4421053	5052631
9	361373	3	16.0	72	1541	1882	1754	5131515	5052632	5684210
10	903530	1	15.0	90	1832	0	0	6040222	5684211	6315789
11	419955	3	18.0	61	1953	1854	1638	6462009	6315790	6947368
12	533764	1	14.0	77	1652	0	0	7001218	6947369	7578947
13	851668	3	12.0	97	1431	1668	1552	7854538	7578948	8210526
14	569083	1	6.0	90	1411	0	0	8428272	8210527	8842105
15	601243	2	17.0	50	1896	1032	0	9030926	8842106	9473684
16	776412	2	20.0	70	1897	1468	0	9810266	9473685	10105263

New3RandParmBin5

17	639399	1	10.0	94	1123	0	0	10453030	10105264	10736842
18	787938	3	6.0	50	1550	1253	1736	11242091	10736843	11368421
19	601994	1	18.0	69	1105	0	0	11848624	11368422	12000000

Total number of pulses in waveform = 38

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	221700	1	15.0	77	1880	0	0	221700	0	666666
2	748079	2	16.0	96	1977	1118	0	971659	666667	1333333
3	603202	3	12.0	65	1544	1705	1294	1577956	1333334	2000000
4	644143	2	20.0	61	1653	1792	0	2226642	2000001	2666667
5	706521	1	16.0	56	1494	0	0	2936608	2666668	3333334
6	766245	3	10.0	75	1935	1158	1031	3704347	3333335	4000001
7	848898	1	10.0	75	1068	0	0	4557369	4000002	4666668
8	507708	1	16.0	51	1425	0	0	5066145	4666669	5333335
9	796546	2	12.0	57	1627	1065	0	5864116	5333336	6000002
10	441107	2	18.0	59	1955	1343	0	6307915	6000003	6666669
11	708343	1	11.0	52	1749	0	0	7019556	6666670	7333336
12	449951	2	13.0	100	1167	1676	0	7471256	7333337	8000003
13	1036133	3	8.0	57	1210	1482	1219	8510232	8000004	8666670
14	249079	1	18.0	73	1456	0	0	8763222	8666671	9333337
15	936750	2	9.0	96	1977	1124	0	9701428	9333338	10000004

New3RandParmBin5

16	944461	2	12.0	83	1450	1855	0	10648990	10000005	10666671
17	590690	1	18.0	66	1158	0	0	11242985	10666672	11333338
18	156627	3	8.0	59	1986	1832	1414	11400770	11333339	12000005

Total number of pulses in waveform = 33

♀
 Waveform Num = 21
 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	1285791	1	7.0	86	1682	0	0	1285791	0	1499999
2	1218691	1	8.0	50	1474	0	0	2506164	1500000	2999999
3	947983	1	17.0	100	1674	0	0	3455621	3000000	4499999
4	1271891	2	11.0	60	1249	1455	0	4729186	4500000	5999999
5	1667215	2	9.0	92	1373	1480	0	6399105	6000000	7499999
6	1749913	3	8.0	68	1552	1926	1866	8151871	7500000	8999999
7	1975247	1	8.0	75	1355	0	0	10132462	9000000	10499999
8	878006	3	18.0	85	1718	1127	1889	11011823	10500000	11999999

Total number of pulses in waveform = 14

♀
 Waveform Num = 22
 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	501825	3	16.0	99	1456	1522	1040	501825	0	1499999
2	1736930	1	6.0	70	1855	0	0	2242773	1500000	2999999
3	1017081	1	9.0	63	1164	0	0	3261709	3000000	4499999

New3RandParmBin5

4	1893576	3	20.0	62	1837	1386	1949	5156449	4500000	5999999
5	1368765	1	6.0	70	1145	0	0	6530386	6000000	7499999
6	1304530	3	12.0	96	1977	1897	1597	7836061	7500000	8999999
7	2315411	1	10.0	84	1229	0	0	10156943	9000000	10499999
8	1813740	3	8.0	64	1680	1467	1976	11971912	10500000	11999999

Total number of pulses in waveform = 16

Waveform Num = 23
 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	139088	3	15.0	80	1610	1230	1843	139088	0	631578
2	697956	3	5.0	93	1185	1524	1807	841727	631579	1263157
3	837525	3	11.0	65	1840	1409	1463	1683768	1263158	1894736
4	328508	2	10.0	66	1471	1693	0	2016988	1894737	2526315
5	859278	2	17.0	50	1276	1224	0	2879430	2526316	3157894
6	764622	1	12.0	62	1439	0	0	3646552	3157895	3789473
7	626520	2	6.0	75	1210	1111	0	4274511	3789474	4421052
8	555546	1	6.0	57	1453	0	0	4832378	4421053	5052631
9	219910	1	11.0	98	1622	0	0	5053741	5052632	5684210
10	1102800	1	5.0	58	1698	0	0	6158163	5684211	6315789
11	393964	1	11.0	97	1124	0	0	6553825	6315790	6947368
12	1007235	1	9.0	56	1624	0	0	7562184	6947369	7578947
13	330877	2	7.0	57	1253	1918	0	7894685	7578948	8210526

New3RandParmBin5

14	521631	3	15.0	60	1314	1714	1565	8419487	8210527	8842105
15	621370	1	6.0	99	1808	0	0	9045450	8842106	9473684
16	672233	2	7.0	53	1985	1795	0	9719491	9473685	10105263
17	546727	1	11.0	61	1050	0	0	10269998	10105264	10736842
18	623155	1	5.0	84	1326	0	0	10894203	10736843	11368421
19	665853	3	10.0	92	1561	1480	1501	11561382	11368422	12000000

Total number of pulses in waveform = 34

‡
 Waveform Num = 24
 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	444410	2	5.0	90	1872	1874	0	444410	0	1333332
2	1845087	1	17.0	90	1473	0	0	2293243	1333333	2666665
3	1380698	3	11.0	79	1624	1673	1729	3675414	2666666	3999998
4	1446555	2	13.0	63	1754	1380	0	5126995	3999999	5333331
5	228888	3	7.0	92	1327	1960	1976	5359017	5333332	6666664
6	1473309	2	8.0	79	1994	1626	0	6837589	6666665	7999997
7	1430038	2	13.0	51	1333	1206	0	8271247	7999998	9333330
8	2129456	2	8.0	98	1869	1385	0	10403242	9333331	10666663
9	668776	1	7.0	65	1212	0	0	11075272	10666664	11999996

Total number of pulses in waveform = 18

‡
 Waveform Num = 25
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	New3RandParmBin5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)			
1	198053	1	10.0	87	1342	0	0	198053	0	631578
2	841578	1	11.0	72	1097	0	0	1040973	631579	1263157
3	232156	3	17.0	50	1067	1322	1115	1274226	1263158	1894736
4	890634	2	16.0	94	1424	1846	0	2168364	1894737	2526315
5	941849	2	20.0	94	1787	1632	0	3113483	2526316	3157894
6	334051	3	12.0	98	1311	1399	1203	3450953	3157895	3789473
7	900944	1	5.0	89	1525	0	0	4355810	3789474	4421052
8	323432	2	8.0	88	1836	1559	0	4680767	4421053	5052631
9	959332	3	12.0	89	1252	1791	1505	5643494	5052632	5684210
10	593264	1	13.0	57	1396	0	0	6241306	5684211	6315789
11	570415	3	13.0	69	1501	1533	1889	6813117	6315790	6947368
12	539452	2	7.0	76	1127	1224	0	7357492	6947369	7578947
13	610109	2	6.0	94	1392	1500	0	7969952	7578948	8210526
14	438508	2	7.0	65	1724	1413	0	8411352	8210527	8842105
15	446489	3	10.0	73	1300	1022	1861	8860978	8842106	9473684
16	1019488	1	11.0	59	1218	0	0	9884649	9473685	10105263
17	673660	3	7.0	92	1086	1610	1536	10559527	10105264	10736842
18	621739	2	18.0	71	1041	1202	0	11185498	10736843	11368421
19	639804	3	6.0	55	1560	1468	1245	11827545	11368422	12000000

Total number of pulses in waveform = 40

♀
Waveform Num = 26
Num of Bursts = 12

New3RandParmBi n5

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	704964	2	14.0	94	1761	1529	0	704964	0	999999
2	1028614	1	11.0	98	1122	0	0	1736868	1000000	1999999
3	636312	3	14.0	51	1913	1363	1770	2374302	2000000	2999999
4	914597	2	16.0	86	1006	1452	0	3293945	3000000	3999999
5	1526275	2	10.0	63	1799	1611	0	4822678	4000000	4999999
6	508851	3	6.0	54	1532	1865	1996	5334939	5000000	5999999
7	1222718	1	16.0	59	1936	0	0	6563050	6000000	6999999
8	470065	2	20.0	77	1095	1192	0	7035051	7000000	7999999
9	1241389	2	7.0	61	1539	1287	0	8278727	8000000	8999999
10	1376019	2	20.0	59	1395	1036	0	9657572	9000000	9999999
11	749818	3	9.0	66	1214	1927	1867	10409821	10000000	10999999
12	1446288	2	12.0	96	1359	1083	0	11861117	11000000	11999999

Total number of pulses in waveform = 25

♀

Waveform Num = 27

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1172519	1	16.0	85	1623	0	0	1172519	0	1333332
2	312005	3	5.0	55	1823	1661	1354	1486147	1333333	2666665
3	1469042	3	13.0	84	1249	1582	1753	2960027	2666666	3999998
4	1515172	2	11.0	73	1651	1947	0	4479783	3999999	5333331

New3RandParmBin5

5	904635	1	12.0	82	1032	0	0	5388016	5333332	6666664
6	1394112	2	19.0	73	1330	1842	0	6783160	6666665	7999997
7	1976507	2	16.0	60	1458	1209	0	8762839	7999998	9333330
8	1393432	2	14.0	90	1205	1194	0	10158938	9333331	10666663
9	560409	1	17.0	95	1827	0	0	10721746	10666664	11999996

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1100419	3	13.0	63	1867	1370	1353	1100419	0	1199999
2	952779	1	18.0	64	1443	0	0	2057788	1200000	2399999
3	883583	1	18.0	84	1160	0	0	2942814	2400000	3599999
4	1372194	2	13.0	51	1536	1305	0	4316168	3600000	4799999
5	1500079	2	11.0	87	1990	1854	0	5819088	4800000	5999999
6	476393	2	5.0	97	1323	1513	0	6299325	6000000	7199999
7	1691429	2	13.0	65	1767	1391	0	7993590	7200000	8399999
8	753215	2	16.0	57	1427	1023	0	8749963	8400000	9599999
9	973631	1	20.0	84	1378	0	0	9726044	9600000	10799999
10	2224330	1	19.0	54	1962	0	0	11951752	10800000	11999999

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	1419506	3	16.0	51	1293	1970	1214	1419506	0	1499999
2	1254385	2	16.0	92	1490	1147	0	2678368	1500000	2999999
3	1811230	2	5.0	53	1941	1541	0	4492235	3000000	4499999
4	557468	3	20.0	95	1855	1114	1857	5053185	4500000	5999999
5	1569362	3	9.0	98	1863	1406	1732	6627373	6000000	7499999
6	1923892	1	17.0	69	1069	0	0	8556266	7500000	8999999
7	1897812	3	20.0	84	1700	1303	1396	10455147	9000000	10499999
8	824434	2	7.0	100	1158	1152	0	11283980	10500000	11999999

Total number of pulses in waveform = 19

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	386146	1	18.0	51	1322	0	0	386146	0	857142
2	1199829	3	10.0	64	1009	1443	1375	1587297	857143	1714285
3	678617	1	13.0	67	1898	0	0	2269741	1714286	2571428
4	560438	2	5.0	92	1678	1230	0	2832077	2571429	3428571
5	717568	2	8.0	54	1879	1553	0	3552553	3428572	4285714
6	1029713	3	14.0	67	1809	1918	1998	4585698	4285715	5142857
7	1075384	3	19.0	86	1436	1660	1332	5666807	5142858	6000000
8	615517	3	6.0	98	1479	1526	1705	6286752	6000001	6857143
9	1278964	1	8.0	73	1632	0	0	7570426	6857144	7714286

New3RandParmBi n5

10	783187	2	16.0	70	1085	1097	0	8355245	7714287	8571429
11	854325	2	5.0	67	1539	1779	0	9211752	8571430	9428572
12	284287	3	7.0	96	1504	1952	1722	9499357	9428573	10285715
13	1008024	1	15.0	59	1375	0	0	10512559	10285716	11142858
14	1479313	2	18.0	85	1408	1378	0	11993247	11142859	12000001

Total number of pulses in waveform = 29

♀
Random DFS waveform parameters (NewBi n5) 22-Jun-2015 17:48:07

Waveform Num = 1
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	685608	3	11.0	57	1055	1620	1796	685608	0	923076
2	621710	3	12.0	72	1455	1623	1962	1311789	923077	1846153
3	1298013	3	7.0	87	1415	1914	1754	2614842	1846154	2769230
4	479756	3	19.0	57	1272	1054	1381	3099681	2769231	3692307
5	729741	2	8.0	81	1053	1476	0	3833129	3692308	4615384
6	1603267	2	16.0	60	1532	1281	0	5438925	4615385	5538461
7	1011568	3	9.0	63	1386	1686	1429	6453306	5538462	6461538
8	48239	3	10.0	96	1408	1482	1734	6506046	6461539	7384615
9	1031364	3	17.0	78	1650	1975	1794	7542034	7384616	8307692
10	1645341	1	10.0	59	1205	0	0	9192794	8307693	9230769
11	272776	1	6.0	74	1142	0	0	9466775	9230770	10153846
12	1270029	2	15.0	56	1565	1770	0	10737946	10153847	11076923

New3RandParmBin5

13 1066677 2 13.0 64 1303 1356 0 11807958 11076924 12000000
 Total number of pulses in waveform = 31

♀
 Waveform Num = 2
 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	694496	1	10.0	90	1725	0	0	694496	0	749999
2	320932	2	14.0	51	1897	1122	0	1017153	750000	1499999
3	841711	2	17.0	99	1218	1009	0	1861883	1500000	2249999
4	508412	2	20.0	64	1324	1246	0	2372522	2250000	2999999
5	1076215	2	12.0	74	1195	1868	0	3451307	3000000	3749999
6	995322	1	6.0	92	1642	0	0	4449692	3750000	4499999
7	752511	1	14.0	67	1895	0	0	5203845	4500000	5249999
8	289178	1	5.0	57	1103	0	0	5494918	5250000	5999999
9	673672	1	20.0	94	1491	0	0	6169693	6000000	6749999
10	631402	2	8.0	98	1747	1617	0	6802586	6750000	7499999
11	1408031	2	14.0	83	1707	1939	0	8213981	7500000	8249999
12	546175	3	12.0	68	1708	1421	1634	8763802	8250000	8999999
13	251230	3	18.0	71	1575	1512	1563	9019795	9000000	9749999
14	1156440	1	18.0	62	1108	0	0	10180885	9750000	10499999
15	358465	2	9.0	94	1937	1267	0	10540458	10500000	11249999
16	1090062	1	10.0	62	1682	0	0	11633724	11250000	11999999

Total number of pulses in waveform = 27

♀

New3RandParmBi n5

Waveform Num = 3
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	782868	1	13.0	69	1225	0	0	782868	0	1199999
2	719760	3	19.0	87	1173	1964	1715	1503853	1200000	2399999
3	1191648	1	19.0	65	1367	0	0	2700353	2400000	3599999
4	1191944	3	17.0	59	1068	1673	1165	3893664	3600000	4799999
5	1546889	1	14.0	67	1219	0	0	5444459	4800000	5999999
6	1581427	2	17.0	73	1316	1219	0	7027105	6000000	7199999
7	274401	1	11.0	52	1862	0	0	7304041	7200000	8399999
8	2141198	1	18.0	62	1211	0	0	9447101	8400000	9599999
9	866310	2	10.0	99	1530	1857	0	10314622	9600000	10799999
10	1328069	3	12.0	96	1001	1925	1183	11646078	10800000	11999999

Total number of pulses in waveform = 18

♀
 Waveform Num = 4
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	211168	2	17.0	73	1588	1661	0	211168	0	666666
2	942264	3	15.0	73	1475	1767	1732	1156681	666667	1333333
3	468532	1	18.0	100	1658	0	0	1630187	1333334	2000000
4	867656	3	19.0	79	1761	1945	1243	2499501	2000001	2666667
5	279792	1	13.0	69	1379	0	0	2784242	2666668	3333334

New3RandParmBi n5

6	1022595	1	10.0	83	1739	0	0	3808216	3333335	4000001
7	503829	3	10.0	69	1144	1998	1408	4313784	4000002	4666668
8	760581	1	9.0	61	1025	0	0	5078915	4666669	5333335
9	558706	3	19.0	82	1511	1167	1153	5638646	5333336	6000002
10	989423	3	6.0	51	1597	1865	1221	6631900	6000003	6666669
11	608754	3	5.0	97	1740	1273	1069	7245337	6666670	7333336
12	710595	2	15.0	54	1665	1842	0	7960014	7333337	8000003
13	644449	1	7.0	58	1469	0	0	8607970	8000004	8666670
14	695196	2	10.0	99	1815	1865	0	9304635	8666671	9333337
15	79085	2	5.0	72	1366	1285	0	9387400	9333338	10000004
16	673375	2	5.0	82	1157	1258	0	10063426	10000005	10666671
17	659517	1	5.0	90	1675	0	0	10725358	10666672	11333338
18	763579	3	16.0	81	1817	1972	1573	11490612	11333339	12000005

Total number of pulses in waveform = 37

Waveform Num = 5
 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	596380	1	15.0	59	1045	0	0	596380	0	1333332
2	1423511	1	12.0	97	1998	0	0	2020936	1333333	2666665
3	648997	2	16.0	99	1568	1056	0	2671931	2666666	3999998
4	2005647	3	20.0	73	1962	1163	1359	4680202	3999999	5333331
5	1914516	2	14.0	86	1645	1646	0	6599202	5333332	6666664

New3RandParmBin5

6	909133	2	12.0	70	1013	1566	0	7511626	6666665	7999997
7	776577	1	20.0	54	1782	0	0	8290782	7999998	9333330
8	1523521	1	9.0	71	1567	0	0	9816085	9333331	10666663
9	1194570	3	8.0	61	1507	1468	1510	11012222	10666664	11999996

Total number of pulses in waveform = 16

Waveform Num = 6
 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	715072	2	12.0	76	1562	1333	0	715072	0	749999
2	318767	1	20.0	64	1055	0	0	1036734	750000	1499999
3	749562	3	18.0	60	1640	1500	1014	1787351	1500000	2249999
4	789516	3	8.0	69	1503	1843	1097	2581021	2250000	2999999
5	1045107	3	18.0	98	1554	1700	1019	3630571	3000000	3749999
6	421922	3	20.0	54	1558	1224	1423	4056766	3750000	4499999
7	834221	1	9.0	51	1634	0	0	4895192	4500000	5249999
8	1078175	2	20.0	92	1126	1359	0	5975001	5250000	5999999
9	180412	2	15.0	78	1066	1689	0	6157898	6000000	6749999
10	1177951	2	19.0	87	1974	1525	0	7338604	6750000	7499999
11	831854	3	18.0	61	1524	1954	1524	8173957	7500000	8249999
12	595559	1	5.0	70	1824	0	0	8774518	8250000	8999999
13	912976	3	11.0	73	1300	1629	1240	9689318	9000000	9749999
14	599647	1	16.0	79	1291	0	0	10293134	9750000	10499999

New3RandParmBin5

15 640235 3 14.0 95 1455 1152 1016 10934660 10500000 11249999
 829087
 16 3 5.0 55 1138 1784 1841 11767370 11250000 11999999

Total number of pulses in waveform = 36

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1156972	3	17.0	98	1916	1036	1599	1156972	0	1199999
2	605642	3	15.0	78	1400	1347	1556	1767165	1200000	2399999
3	1295970	3	6.0	79	1861	1647	1744	3067438	2400000	3599999
4	682906	3	8.0	79	1350	1683	1493	3755596	3600000	4799999
5	2218327	1	9.0	59	1574	0	0	5978449	4800000	5999999
6	764877	1	12.0	78	1878	0	0	6744900	6000000	7199999
7	1557709	2	7.0	88	1513	1049	0	8304487	7200000	8399999
8	802034	1	18.0	97	1554	0	0	9109083	8400000	9599999
9	1567734	2	6.0	81	1841	1475	0	10678371	9600000	10799999
10	136232	3	20.0	72	1833	1028	1941	10817919	10800000	11999999

Total number of pulses in waveform = 22

♀
 Waveform Num = 8
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	454961	1	10.0	85	1646	0	0	454961	0	1090908
2	1098039	2	10.0	84	1594	1052	0	1554646	1090909	2181817

New3RandParmBin5

3	1520568	1	10.0	75	1432	0	0	3077860	2181818	3272726
4	1091116	2	17.0	63	1691	1203	0	4170408	3272727	4363635
5	387088	3	12.0	89	1850	1146	1547	4560390	4363636	5454544
6	1352371	1	14.0	66	1247	0	0	5917304	5454545	6545453
7	1637762	1	10.0	96	1282	0	0	7556313	6545454	7636362
8	841893	1	9.0	75	1032	0	0	8399488	7636363	8727271
9	1292208	2	19.0	74	1178	1165	0	9692728	8727272	9818180
10	702628	2	10.0	81	1413	1490	0	10397699	9818181	10909089
11	1011929	3	13.0	89	1906	1563	1289	11412531	10909090	11999998

Total number of pulses in waveform = 19

Waveform Num = 9
 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	749823	1	17.0	62	1345	0	0	749823	0	923076
2	496470	3	14.0	70	1078	1060	1099	1247638	923077	1846153
3	736601	3	5.0	54	1613	1422	1262	1987476	1846154	2769230
4	901196	2	7.0	53	1092	1269	0	2892969	2769231	3692307
5	1342964	3	17.0	79	1953	1011	1768	4238294	3692308	4615384
6	1112583	2	7.0	99	1186	1241	0	5355609	4615385	5538461
7	869225	1	5.0	98	1704	0	0	6227261	5538462	6461538
8	295049	2	20.0	88	1958	1057	0	6524014	6461539	7384615
9	1028357	2	5.0	87	1538	1281	0	7555386	7384616	8307692

New3RandParmBin5

10	1247146	3	14.0	61	1621	1900	1909	8805351	8307693	9230769
11	511669	2	17.0	70	1718	1074	0	9322450	9230770	10153846
12	1475888	1	9.0	64	1936	0	0	10801130	10153847	11076923
13	360592	3	13.0	78	1671	1688	1389	11163658	11076924	12000000

Total number of pulses in waveform = 28

Waveform Num = 10
 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	20027	1	10.0	100	1781	0	0	20027	0	599999
2	1051934	1	18.0	50	1186	0	0	1073742	600000	1199999
3	487337	3	17.0	60	1273	1612	1461	1562265	1200000	1799999
4	643808	2	16.0	55	1392	1084	0	2210419	1800000	2399999
5	358963	2	13.0	71	1618	1238	0	2571858	2400000	2999999
6	937484	2	20.0	52	1378	1546	0	3512198	3000000	3599999
7	588077	2	7.0	85	1757	1050	0	4103199	3600000	4199999
8	588042	2	10.0	70	1968	1816	0	4694048	4200000	4799999
9	183614	1	6.0	91	1008	0	0	4881446	4800000	5399999
10	1055608	3	6.0	71	1058	1414	1082	5938062	5400000	5999999
11	500593	1	17.0	96	1231	0	0	6442209	6000000	6599999
12	410765	1	6.0	60	1202	0	0	6854205	6600000	7199999
13	796717	3	19.0	53	1671	1584	1531	7652124	7200000	7799999
14	371713	2	6.0	52	1569	1230	0	8028623	7800000	8399999

New3RandParmBin5

15	865476	1	16.0	69	1602	0	0	8896898	8400000	8999999
16	153267	2	15.0	84	1099	1624	0	9051767	9000000	9599999
17	815427	1	9.0	73	1742	0	0	9869917	9600000	10199999
18	333300	3	14.0	52	1241	1140	1023	10204959	10200000	10799999
19	1034819	1	13.0	61	1412	0	0	11243182	10800000	11399999
20	174989	3	7.0	51	1780	1841	1226	11419583	11400000	11999999

Total number of pulses in waveform = 37

‡
 Waveform Num = 11
 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	436414	1	5.0	59	1955	0	0	436414	0	1333332
2	1147212	1	15.0	53	1227	0	0	1585581	1333333	2666665
3	1558766	3	17.0	60	1000	1033	1912	3145574	2666666	3999998
4	952568	1	16.0	68	1949	0	0	4102087	3999999	5333331
5	2497057	1	14.0	83	1549	0	0	6601093	5333332	6666664
6	1173962	2	10.0	92	1719	1795	0	7776604	6666665	7999997
7	1184482	3	6.0	86	1541	1248	1065	8964600	7999998	9333330
8	1014290	1	19.0	84	1611	0	0	9982744	9333331	10666663
9	1892989	3	13.0	97	1641	1722	1083	11877344	10666664	11999996

Total number of pulses in waveform = 16

‡
 Waveform Num = 12
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	257640	3	8.0	75	1700	1895	1640	257640	0	923076
2	816194	1	15.0	68	1970	0	0	1079069	923077	1846153
3	1333044	3	20.0	56	1987	1574	1163	2414083	1846154	2769230
4	1221829	2	5.0	66	1023	1127	0	3640636	2769231	3692307
5	886191	1	17.0	99	1782	0	0	4528977	3692308	4615384
6	762205	1	11.0	57	1190	0	0	5292964	4615385	5538461
7	409941	1	12.0	65	1524	0	0	5704095	5538462	6461538
8	1420435	1	19.0	66	1415	0	0	7126054	6461539	7384615
9	705074	2	11.0	74	1852	1433	0	7832543	7384616	8307692
10	583777	2	5.0	81	1444	1761	0	8419605	8307693	9230769
11	1281411	1	6.0	60	1873	0	0	9704221	9230770	10153846
12	842776	3	15.0	84	1443	1312	1291	10548870	10153847	11076923
13	1301613	3	16.0	59	1343	1058	1709	11854529	11076924	12000000

Total number of pulses in waveform = 24

Waveform Num = 13
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	88819	3	17.0	71	1370	1413	1089	88819	0	857142
2	1191994	2	15.0	88	1152	1931	0	1284685	857143	1714285
3	868032	2	14.0	56	1197	1964	0	2155800	1714286	2571428
4	928230	1	8.0	72	1889	0	0	3087191	2571429	3428571

New3RandParmBin5

5	722792	1	19.0	68	1159	0	0	3811872	3428572	4285714
6	597942	1	10.0	55	1118	0	0	4410973	4285715	5142857
7	1105013	1	17.0	95	1621	0	0	5517104	5142858	6000000
8	1092316	1	9.0	91	1293	0	0	6611041	6000001	6857143
9	275801	2	10.0	81	1701	1300	0	6888135	6857144	7714286
10	1502312	2	14.0	99	1226	1177	0	8393448	7714287	8571429
11	399514	1	6.0	92	1378	0	0	8795365	8571430	9428572
12	1404840	2	17.0	54	1641	1842	0	10201583	9428573	10285715
13	101096	1	13.0	85	1957	0	0	10306162	10285716	11142858
14	899501	3	16.0	59	1859	1741	1706	11207620	11142859	12000001

Total number of pulses in waveform = 23

Waveform Num = 14
 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	589607	3	13.0	71	1657	1510	1982	589607	0	705881
2	508530	2	7.0	60	1547	1790	0	1103286	705882	1411763
3	698578	2	6.0	52	1950	1006	0	1805201	1411764	2117645
4	929117	2	9.0	95	1320	1070	0	2737274	2117646	2823527
5	643762	3	10.0	71	1150	1806	1887	3383426	2823528	3529409
6	526699	2	7.0	50	1623	1752	0	3914968	3529410	4235291
7	501766	3	16.0	77	1608	1983	1826	4420109	4235292	4941173
8	833334	2	12.0	88	1540	1361	0	5258860	4941174	5647055

New3RandParmBin5

9	587533	3	14.0	60	1356	1874	1551	5849294	5647056	6352937
10	1143983	2	8.0	81	1293	1777	0	6998058	6352938	7058819
11	125507	1	16.0	84	1154	0	0	7126635	7058820	7764701
12	683568	3	17.0	87	1225	1772	1888	7811357	7764702	8470583
13	1036855	3	7.0	74	1310	1718	1062	8853097	8470584	9176465
14	686869	3	17.0	57	1900	1349	1787	9544056	9176466	9882347
15	968064	2	6.0	58	1249	1926	0	10517156	9882348	10588229
16	614838	2	19.0	56	1192	1770	0	11135169	10588230	11294111
17	161772	2	8.0	94	1822	1341	0	11299903	11294112	11999993

Total number of pulses in waveform = 40

Waveform Num = 15
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	522690	3	7.0	71	1766	1645	1613	522690	0	1333332
2	1656148	2	20.0	68	1987	1051	0	2183862	1333333	2666665
3	1315603	2	6.0	53	1669	1742	0	3502503	2666666	3999998
4	984842	3	8.0	60	1570	1140	1316	4490756	3999999	5333331
5	1443034	3	19.0	78	1310	1629	1702	5937816	5333332	6666664
6	1515855	3	17.0	98	1215	1412	1710	7458312	6666665	7999997
7	756530	2	12.0	98	1872	1561	0	8219179	7999998	9333330
8	2078214	1	11.0	88	1948	0	0	10300826	9333331	10666663
9	547358	1	5.0	66	1370	0	0	10850132	10666664	11999996

New3RandParmBi n5

Total number of pulses in waveform = 20

♀
 Waveform Num = 16
 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	98022	2	12.0	50	1233	1950	0	98022	0	1199999
2	2032837	1	19.0	72	1750	0	0	2134042	1200000	2399999
3	1247767	3	11.0	94	1464	1052	1579	3383559	2400000	3599999
4	1409409	1	6.0	78	1261	0	0	4797063	3600000	4799999
5	922737	3	7.0	64	1162	1550	1406	5721061	4800000	5999999
6	401490	2	8.0	82	1300	1215	0	6126669	6000000	7199999
7	1971828	3	14.0	57	1364	1688	1320	8101012	7200000	8399999
8	606833	2	19.0	59	1065	1430	0	8712217	8400000	9599999
9	900559	2	14.0	62	1343	1175	0	9615271	9600000	10799999
10	1890453	3	6.0	69	1738	1673	1049	11508242	10800000	11999999

Total number of pulses in waveform = 22

♀
 Waveform Num = 17
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	233097	3	17.0	83	1937	1101	1836	233097	0	599999
2	860871	3	19.0	99	1678	1245	1157	1098842	600000	1199999
3	627404	2	17.0	80	1826	1469	0	1730326	1200000	1799999
4	661781	3	15.0	98	1360	1184	1327	2395402	1800000	2399999

New3RandParmBi n5

5	549972	1	6.0	96	1782	0	0	2949245	2400000	2999999
6	580190	3	8.0	93	1582	1371	1537	3531217	3000000	3599999
7	418339	3	7.0	65	1339	1862	1490	3954046	3600000	4199999
8	314744	1	15.0	90	1220	0	0	4273481	4200000	4799999
9	1092763	3	16.0	97	1258	1681	1705	5367464	4800000	5399999
10	189141	1	20.0	88	1363	0	0	5561249	5400000	5999999
11	862403	1	6.0	53	1431	0	0	6425015	6000000	6599999
12	520249	1	20.0	69	1772	0	0	6946695	6600000	7199999
13	790673	2	18.0	79	1882	1013	0	7739140	7200000	7799999
14	126045	3	13.0	70	1689	1803	1924	7868080	7800000	8399999
15	885714	2	5.0	64	1901	1850	0	8759210	8400000	8999999
16	622293	2	17.0	55	1639	1307	0	9385254	9000000	9599999
17	521680	2	8.0	53	1941	1968	0	9909880	9600000	10199999
18	322741	2	5.0	72	1223	1786	0	10236530	10200000	10799999
19	1080195	1	11.0	50	1422	0	0	11319734	10800000	11399999
20	565316	1	19.0	73	1877	0	0	11886472	11400000	11999999

Total number of pulses in waveform = 40

‡
 Waveform Num = 18
 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	783272	2	10.0	50	1494	1385	0	783272	0	1499999
2	1022399	1	17.0	97	1213	0	0	1808550	1500000	2999999

New3RandParmBi n5

3	1647015	3	13.0	59	1108	1326	1323	3456778	3000000	4499999
4	1250580	1	15.0	88	1705	0	0	4711115	4500000	5999999
5	1687153	3	13.0	72	1107	1393	1071	6399973	6000000	7499999
6	2006223	3	7.0	96	1845	1455	1011	8409767	7500000	8999999
7	1476317	2	7.0	93	1518	1496	0	9890395	9000000	10499999
8	1392519	2	14.0	80	1990	1374	0	11285928	10500000	11999999

Total number of pulses in waveform = 17

‡
 Waveform Num = 19
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	214941	3	18.0	67	1181	1369	1735	214941	0	1333332
2	1995690	2	14.0	85	1606	1612	0	2214916	1333333	2666665
3	1645323	1	6.0	77	1990	0	0	3863457	2666666	3999998
4	311031	3	9.0	87	1592	1237	1046	4176478	3999999	5333331
5	1186755	3	5.0	73	1962	1386	1920	5367108	5333332	6666664
6	1557936	3	14.0	69	1764	1779	1940	6930312	6666665	7999997
7	1311564	2	12.0	65	1764	1446	0	8247359	7999998	9333330
8	1408154	2	5.0	92	1694	1395	0	9658723	9333331	10666663
9	1273435	3	17.0	75	1359	1951	1669	10935247	10666664	11999996

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	60742	3	13.0	96	1890	1886	1414	60742	0	1499999
2	2316854	2	7.0	70	1443	1839	0	2382786	1500000	2999999
3	770696	3	16.0	100	1189	1900	1749	3156764	3000000	4499999
4	2629887	1	8.0	55	1779	0	0	5791489	4500000	5999999
5	511762	3	19.0	54	1489	1998	1168	6305030	6000000	7499999
6	1542151	2	6.0	67	1832	1856	0	7851836	7500000	8999999
7	1295539	2	9.0	74	1052	1376	0	9151063	9000000	10499999
8	2069128	3	8.0	74	1852	1267	1103	11222619	10500000	11999999

Total number of pulses in waveform = 19

Waveform Num = 21
 Num of Bursts = 11
 Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	763583	2	6.0	71	1607	1943	0	763583	0	1090908
2	1049200	1	15.0	70	1716	0	0	1816333	1090909	2181817
3	1428842	3	19.0	79	1751	1347	1954	3246891	2181818	3272726
4	1079121	1	15.0	52	1489	0	0	4331064	3272727	4363635
5	438848	3	11.0	99	1301	1982	1936	4771401	4363636	5454544
6	1189892	2	14.0	55	1093	1130	0	5966512	5454545	6545453
7	1352104	3	5.0	83	1211	1641	1257	7320839	6545454	7636362
8	728555	1	11.0	51	1353	0	0	8053503	7636363	8727271
9	1668586	2	6.0	99	1660	1346	0	9723442	8727272	9818180

New3RandParmBi n5

10 537309 1 12.0 61 1696 0 0 10263757 9818181 10909089
 685864
 11 1 9.0 98 1984 0 0 10951317 10909090 11999998

Total number of pulses in waveform = 20

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	739761	1	20.0	65	1859	0	0	739761	0	999999
2	985870	2	17.0	63	1388	1343	0	1727490	1000000	1999999
3	917817	2	15.0	62	1107	1584	0	2648038	2000000	2999999
4	535185	1	18.0	75	1031	0	0	3185914	3000000	3999999
5	1772038	1	10.0	93	1088	0	0	4958983	4000000	4999999
6	909829	2	20.0	95	1734	1553	0	5869900	5000000	5999999
7	379281	1	20.0	92	1914	0	0	6252468	6000000	6999999
8	1474326	3	14.0	82	1370	1120	1856	7728708	7000000	7999999
9	1156013	3	11.0	76	1430	1144	1245	8889067	8000000	8999999
10	129451	2	19.0	83	1591	1111	0	9022337	9000000	9999999
11	1154448	3	8.0	53	1277	1141	1203	10179487	10000000	10999999
12	1710320	1	6.0	53	1936	0	0	11893428	11000000	11999999

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBin5

1	93569	3	8.0	77	1363	1648	1744	93569	0	1199999
2	1590541	1	9.0	97	1070	0	0	1688865	1200000	2399999
3	1817082	1	7.0	96	1160	0	0	3507017	2400000	3599999
4	371949	3	20.0	62	1221	1556	1740	3880126	3600000	4799999
5	1866625	2	8.0	92	1800	1334	0	5751268	4800000	5999999
6	921860	2	11.0	74	1866	1857	0	6676262	6000000	7199999
7	1638986	2	7.0	72	1273	1321	0	8318971	7200000	8399999
8	402476	1	20.0	76	1571	0	0	8724041	8400000	9599999
9	926731	2	11.0	59	1172	1360	0	9652343	9600000	10799999
10	1573962	1	9.0	68	1816	0	0	11228837	10800000	11999999

Total number of pulses in waveform = 18

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	585368	2	20.0	99	1438	1427	0	585368	0	631578
2	75134	2	8.0	59	1834	1061	0	663367	631579	1263157
3	1076432	2	6.0	56	1701	1075	0	1742694	1263158	1894736
4	150754	3	17.0	56	1320	1927	1757	1896224	1894737	2526315
5	903912	3	7.0	84	1391	1060	1412	2805140	2526316	3157894
6	558877	1	13.0	72	1478	0	0	3367880	3157895	3789473
7	590638	3	7.0	83	1159	1962	1397	3959996	3789474	4421052
8	567317	2	20.0	91	1316	1740	0	4531831	4421053	5052631

New3RandParmBin5

9	811052	3	15.0	63	1966	1729	1054	5345939	5052632	5684210
10	761606	3	7.0	60	1216	1771	1120	6112294	5684211	6315789
11	721066	3	12.0	52	1676	1689	1229	6837467	6315790	6947368
12	282360	2	12.0	63	1633	1806	0	7124421	6947369	7578947
13	588295	3	7.0	100	1958	1310	1874	7716155	7578948	8210526
14	900126	3	6.0	87	1835	1280	1560	8621423	8210527	8842105
15	826881	1	16.0	67	1672	0	0	9452979	8842106	9473684
16	50684	2	9.0	85	1401	1065	0	9505335	9473685	10105263
17	1205617	2	17.0	87	1085	1261	0	10713418	10105264	10736842
18	633980	1	11.0	87	1595	0	0	11349744	10736843	11368421
19	36771	3	11.0	67	1875	1440	1129	11388110	11368422	12000000

Total number of pulses in waveform = 44

Waveform Num = 25
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	288675	3	7.0	62	1744	1992	1531	288675	0	599999
2	681189	3	13.0	65	1338	1729	1353	975131	600000	1199999
3	476333	1	12.0	82	1462	0	0	1455884	1200000	1799999
4	387400	2	10.0	94	1596	1481	0	1844746	1800000	2399999
5	1004514	3	7.0	96	1726	1063	1817	2852337	2400000	2999999
6	189671	2	13.0	87	1633	1924	0	3046614	3000000	3599999
7	902259	2	12.0	56	1021	1312	0	3952430	3600000	4199999

New3RandParmBi n5

8	633021	1	12.0	74	1211	0	0	4587784	4200000	4799999
9	681416	2	8.0	67	1961	1879	0	5270411	4800000	5399999
10	637543	3	20.0	95	1603	1865	1173	5911794	5400000	5999999
11	530577	3	18.0	83	1351	1065	1517	6447012	6000000	6599999
12	397304	2	6.0	85	1767	1439	0	6848249	6600000	7199999
13	699053	3	5.0	56	1939	1053	1226	7550508	7200000	7799999
14	529224	1	18.0	56	1766	0	0	8083950	7800000	8399999
15	678273	2	8.0	82	1108	1467	0	8763989	8400000	8999999
16	571945	3	11.0	94	1908	1251	1527	9338509	9000000	9599999
17	548835	3	8.0	59	1366	1630	1048	9892030	9600000	10199999
18	559544	2	15.0	70	1920	1679	0	10455618	10200000	10799999
19	838210	3	10.0	61	1098	1778	1587	11297427	10800000	11399999
20	474549	3	15.0	52	1241	1502	1035	11776439	11400000	11999999

Total number of pulses in waveform = 47

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	366988	3	17.0	89	1139	1815	1625	366988	0	1090908
2	967462	2	9.0	60	1865	1108	0	1339029	1090909	2181817
3	1873931	1	9.0	55	1749	0	0	3215933	2181818	3272726
4	369511	2	9.0	62	1069	1988	0	3587193	3272727	4363635
5	1041821	1	15.0	53	1185	0	0	4632071	4363636	5454544

New3RandParmBin5

6	1581201	1	9.0	97	1629	0	0	6214457	5454545	6545453
7	1186070	1	20.0	95	1805	0	0	7402156	6545454	7636362
8	839803	1	14.0	99	1177	0	0	8243764	7636363	8727271
9	1049625	1	12.0	93	1328	0	0	9294566	8727272	9818180
10	533532	2	18.0	77	1176	1932	0	9829426	9818181	10909089
11	1297651	2	6.0	50	1085	1622	0	11130185	10909090	11999998

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	414883	3	14.0	70	1752	1883	1863	414883	0	1333332
2	1186949	3	12.0	67	1883	1340	1137	1607330	1333333	2666665
3	2265101	1	5.0	50	1429	0	0	3876791	2666666	3999998
4	970885	3	15.0	71	1520	1485	1606	4849105	3999999	5333331
5	1217616	2	12.0	50	1099	1053	0	6071332	5333332	6666664
6	766314	1	5.0	50	1762	0	0	6839798	6666665	7999997
7	1322934	1	10.0	51	1533	0	0	8164494	7999998	9333330
8	1419601	1	15.0	84	1446	0	0	9585628	9333331	10666663
9	1307683	3	15.0	69	1075	1295	1782	10894757	10666664	11999996

Total number of pulses in waveform = 18

‡
 Waveform Num = 28
 Num of Bursts = 16
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	200857	3	13.0	58	1361	1799	1929	200857	0	749999
2	943798	1	10.0	96	1708	0	0	1149744	750000	1499999
3	398410	3	19.0	60	1932	1620	1364	1549862	1500000	2249999
4	1061654	1	13.0	72	1837	0	0	2616432	2250000	2999999
5	864456	1	13.0	74	1708	0	0	3482725	3000000	3749999
6	330074	1	15.0	95	1539	0	0	3814507	3750000	4499999
7	1061830	2	5.0	69	1501	1953	0	4877876	4500000	5249999
8	654719	1	5.0	59	1888	0	0	5536049	5250000	5999999
9	614878	1	7.0	71	1848	0	0	6152815	6000000	6749999
10	621835	2	18.0	79	1969	1985	0	6776498	6750000	7499999
11	1106618	1	11.0	76	1986	0	0	7887070	7500000	8249999
12	860422	3	10.0	68	1963	1991	1918	8749478	8250000	8999999
13	652762	1	6.0	77	1251	0	0	9408112	9000000	9749999
14	515504	3	16.0	66	1680	1634	1218	9924867	9750000	10499999
15	747945	2	17.0	91	1308	1823	0	10677344	10500000	11249999
16	1285714	1	9.0	87	1145	0	0	11966189	11250000	11999999

Total number of pulses in waveform = 27

♀
Waveform Num = 29
Num of Bursts = 11
Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	498954	1	20.0	88	1360	0	0	498954	0	1090908

New3RandParmBin5

2	1472054	2	20.0	93	1134	1478	0	1972368	1090909	2181817
3	822556	2	14.0	86	1279	1745	0	2797536	2181818	3272726
4	671448	1	9.0	61	1039	0	0	3472008	3272727	4363635
5	997757	1	18.0	89	1922	0	0	4470804	4363636	5454544
6	1873236	1	14.0	66	1095	0	0	6345962	5454545	6545453
7	645837	1	12.0	100	1823	0	0	6992894	6545454	7636362
8	660611	1	12.0	91	1357	0	0	7655328	7636363	8727271
9	1441047	1	16.0	74	1015	0	0	9097732	8727272	9818180
10	1279976	3	8.0	81	1594	1586	1907	10378723	9818181	10909089
11	1513193	3	15.0	86	1806	1638	1195	11897003	10909090	11999998

Total number of pulses in waveform = 17

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)
1	636166	3	20.0	79	1754	1090	1997	636166	0	923076
2	704897	3	19.0	92	1538	1031	1142	1345904	923077	1846153
3	970163	3	5.0	61	1681	1748	1119	2319778	1846154	2769230
4	568142	3	17.0	64	1036	1938	1265	2892468	2769231	3692307
5	907575	2	12.0	64	1772	1051	0	3804282	3692308	4615384
6	916222	3	13.0	56	1041	1265	1972	4723327	4615385	5538461
7	875557	3	12.0	98	1064	1142	1728	5603162	5538462	6461538
8	1281909	1	9.0	99	1588	0	0	6889005	6461539	7384615

New3RandParmBi n5

9	1402388	2	8.0	66	1571	1624	0	8292981	7384616	8307692
10	520773	1	6.0	74	1213	0	0	8816949	8307693	9230769
11	1319373	2	5.0	61	1139	1227	0	10137535	9230770	10153846
12	37610	1	19.0	87	1271	0	0	10177511	10153847	11076923
13	1639469	2	5.0	61	1381	1970	0	11818251	11076924	12000000

Total number of pulses in waveform = 29

♀
Random DFS waveform parameters (NewBi n5) 22-Jun-2015 17:47:42

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1190320	2	17.0	73	1381	1646	0	1190320	0	1499999
2	1504885	3	19.0	94	1855	1184	1677	2698232	1500000	2999999
3	715686	3	7.0	96	1939	1284	1964	3418634	3000000	4499999
4	1162843	1	12.0	51	1535	0	0	4586664	4500000	5999999
5	2334071	1	6.0	62	1740	0	0	6922270	6000000	7499999
6	1267539	2	20.0	92	1544	1403	0	8191549	7500000	8999999
7	1611704	2	6.0	86	1264	1175	0	9806200	9000000	10499999
8	806521	3	5.0	53	1738	1114	1149	10615160	10500000	11999999

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBi n5

1	153145	2	11.0	50	1573	1785	0	153145	0	1499999
2	1777837	1	12.0	74	1875	0	0	1934340	1500000	2999999
3	2416496	3	10.0	77	1731	1129	1298	4352711	3000000	4499999
4	1415004	1	17.0	72	1597	0	0	5771873	4500000	5999999
5	245641	2	8.0	89	1563	1486	0	6019111	6000000	7499999
6	2059075	2	13.0	99	1394	1470	0	8081235	7500000	8999999
7	931769	1	10.0	69	1481	0	0	9015868	9000000	10499999
8	1939719	1	13.0	84	1767	0	0	10957068	10500000	11999999

Total number of pulses in waveform = 13

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	417574	3	13.0	77	1622	1537	1631	417574	0	857142
2	739507	3	7.0	87	1588	1307	1899	1161871	857143	1714285
3	609783	3	10.0	80	1481	1061	1974	1776448	1714286	2571428
4	1282931	2	13.0	89	1459	1686	0	3063895	2571429	3428571
5	894678	3	11.0	63	1453	1715	1482	3961718	3428572	4285714
6	752764	3	14.0	76	1279	1361	1622	4719132	4285715	5142857
7	731521	3	5.0	87	1807	1670	1533	5454915	5142858	6000000
8	899221	2	17.0	81	1370	1612	0	6359146	6000001	6857143
9	888761	1	12.0	63	1594	0	0	7250889	6857144	7714286
10	888581	1	18.0	57	1542	0	0	8141064	7714287	8571429

New3RandParmBin5

11	1060531	2	8.0	76	1881	1981	0	9203137	8571430	9428572
12	1030211	3	12.0	82	1201	1414	1807	10237210	9428573	10285715
13	121268	2	10.0	100	1143	1166	0	10362900	10285716	11142858
14	1399625	3	8.0	93	1146	1144	1317	11764834	11142859	12000001

Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	350135	1	5.0	73	1710	0	0	350135	0	1499999
2	1404463	2	9.0	96	1643	1269	0	1756308	1500000	2999999
3	2051474	1	12.0	66	1922	0	0	3810694	3000000	4499999
4	1433606	1	12.0	61	1211	0	0	5246222	4500000	5999999
5	1607428	2	17.0	56	1551	1993	0	6854861	6000000	7499999
6	810671	3	5.0	53	1962	1668	1840	7669076	7500000	8999999
7	1731889	1	15.0	97	1854	0	0	9406435	9000000	10499999
8	1512689	2	20.0	53	1557	1588	0	10920978	10500000	11999999

Total number of pulses in waveform = 13

‡
 Waveform Num = 5
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	209913	2	9.0	71	1907	1491	0	209913	0	599999
2	551713	2	11.0	96	1662	1485	0	765024	600000	1199999

New3RandParmBi n5

3	780831	2	11.0	61	1519	1611	0	1549002	1200000	1799999
4	323090	1	16.0	70	1170	0	0	1875222	1800000	2399999
5	713425	2	7.0	62	1210	1724	0	2589817	2400000	2999999
6	971457	2	19.0	78	1028	1479	0	3564208	3000000	3599999
7	492862	2	12.0	90	1998	1531	0	4059577	3600000	4199999
8	167204	2	6.0	78	1250	1244	0	4230310	4200000	4799999
9	1096645	2	6.0	77	1135	1532	0	5329449	4800000	5399999
10	653546	1	9.0	74	1970	0	0	5985662	5400000	5999999
11	566418	3	10.0	79	1906	1432	1425	6554050	6000000	6599999
12	339746	1	14.0	74	1307	0	0	6898559	6600000	7199999
13	569874	3	5.0	64	1967	1090	1202	7469740	7200000	7799999
14	614091	3	6.0	87	1368	1002	1292	8088090	7800000	8399999
15	902218	3	7.0	88	1508	1388	1986	8993970	8400000	8999999
16	229536	2	6.0	75	1925	1918	0	9228388	9000000	9599999
17	761490	2	20.0	57	1898	1296	0	9993721	9600000	10199999
18	518031	1	6.0	56	1195	0	0	10514946	10200000	10799999
19	537117	1	7.0	65	1215	0	0	11053258	10800000	11399999
20	618199	3	5.0	95	1914	1437	1620	11672672	11400000	11999999

Total number of pulses in waveform = 40

♀

Waveform Num = 6

Num of Bursts = 11

Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBin5

1	664218	2	19.0	77	1920	1639	0	664218	0	1090908
2	1472526	2	8.0	84	1240	1373	0	2140303	1090909	2181817
3	547322	1	14.0	63	1599	0	0	2690238	2181818	3272726
4	1489655	3	17.0	78	1940	1229	1962	4181492	3272727	4363635
5	896519	2	9.0	55	1498	1977	0	5083142	4363636	5454544
6	1053145	2	13.0	76	1709	1759	0	6139762	5454545	6545453
7	1457332	1	6.0	62	1428	0	0	7600562	6545454	7636362
8	158445	2	6.0	56	1183	1574	0	7760435	7636363	8727271
9	1580694	1	11.0	73	1838	0	0	9343886	8727272	9818180
10	604042	2	20.0	88	1449	1155	0	9949766	9818181	10909089
11	1513776	1	11.0	64	1981	0	0	11466146	10909090	11999998

Total number of pulses in waveform = 19

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	706239	1	10.0	68	1250	0	0	706239	0	1090908
2	495324	3	8.0	56	1320	1950	1601	1202813	1090909	2181817
3	1923534	3	18.0	64	1628	1975	1359	3131218	2181818	3272726
4	292801	3	12.0	61	1421	1905	1279	3428981	3272727	4363635
5	1397335	1	19.0	87	1039	0	0	4830921	4363636	5454544
6	1581667	2	10.0	52	1342	1211	0	6413627	5454545	6545453
7	702274	1	15.0	96	1749	0	0	7118454	6545454	7636362

New3RandParmBin5

8	1016069	3	10.0	55	1138	1329	1779	8136272	7636363	8727271
9	1192029	1	11.0	64	1495	0	0	9332547	8727272	9818180
10	866398	3	18.0	53	1957	1659	1330	10200440	9818181	10909089
11	1114056	2	6.0	100	1025	1765	0	11319442	10909090	11999998

Total number of pulses in waveform = 23

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	260281	2	6.0	92	1139	1174	0	260281	0	857142
2	1355441	2	11.0	93	1486	1013	0	1618035	857143	1714285
3	469617	2	7.0	77	1213	1388	0	2090151	1714286	2571428
4	744160	3	6.0	59	1131	1406	1775	2836912	2571429	3428571
5	1207537	3	11.0	90	1300	1798	1776	4048761	3428572	4285714
6	901852	2	17.0	95	1907	1071	0	4955487	4285715	5142857
7	477453	2	15.0	60	1301	1969	0	5435918	5142858	6000000
8	991939	2	20.0	98	1683	1516	0	6431127	6000001	6857143
9	647412	3	10.0	68	1010	1912	1171	7081738	6857144	7714286
10	1429508	1	19.0	90	1081	0	0	8515339	7714287	8571429
11	711801	2	8.0	81	1815	1378	0	9228221	8571430	9428572
12	527658	1	11.0	69	1348	0	0	9759072	9428573	10285715
13	1247112	2	7.0	60	1036	1923	0	11007532	10285716	11142858
14	705304	3	7.0	76	1129	1758	1165	11715795	11142859	12000001

New3RandParmBin5

Total number of pulses in waveform = 30

♀
 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	47766	1	12.0	60	1694	0	0	47766	0	1090908
2	1849909	3	8.0	62	1582	1838	1904	1899369	1090909	2181817
3	1250466	2	18.0	97	1673	1013	0	3155159	2181818	3272726
4	873392	2	17.0	77	1140	1417	0	4031237	3272727	4363635
5	892165	3	19.0	92	1297	1745	1581	4925959	4363636	5454544
6	569492	2	16.0	83	1049	1181	0	5500074	5454545	6545453
7	1625056	1	20.0	64	1606	0	0	7127360	6545454	7636362
8	981655	1	17.0	60	1967	0	0	8110621	7636363	8727271
9	1652868	3	17.0	91	1648	1810	1487	9765456	8727272	9818180
10	1098749	3	15.0	79	1115	1845	1643	10869150	9818181	10909089
11	228743	2	15.0	89	1119	1455	0	11102496	10909090	11999998

Total number of pulses in waveform = 23

♀
 Waveform Num = 10
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	285430	1	6.0	67	1856	0	0	285430	0	799999
2	733690	2	16.0	95	1218	1658	0	1020976	800000	1599999
3	946006	3	5.0	63	1301	1985	1230	1969858	1600000	2399999

New3RandParmBi n5

4	972442	1	17.0	64	1027	0	0	2946816	2400000	3199999
5	448086	2	17.0	57	1438	1542	0	3395929	3200000	3999999
6	789752	1	14.0	80	1054	0	0	4188661	4000000	4799999
7	1241165	2	9.0	58	1548	1971	0	5430880	4800000	5599999
8	641089	3	18.0	93	1408	1943	1041	6075488	5600000	6399999
9	829296	2	7.0	56	1104	1076	0	6909176	6400000	7199999
10	501818	2	18.0	61	1330	1440	0	7413174	7200000	7999999
11	1226640	3	5.0	60	1561	1658	1947	8642584	8000000	8799999
12	326070	1	9.0	85	1999	0	0	8973820	8800000	9599999
13	1096262	2	19.0	60	1991	1987	0	10072081	9600000	10399999
14	335896	2	15.0	88	1472	1704	0	10411955	10400000	11199999
15	1218673	3	13.0	87	1993	1574	1284	11633804	11200000	11999999

Total number of pulses in waveform = 30

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

Burst #	Off Time (us)	# Pulses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	232438	1	16.0	85	1634	0	0	232438	0	1499999
2	1887846	3	17.0	74	1767	1137	1079	2121918	1500000	2999999
3	949826	2	9.0	79	1525	1928	0	3075727	3000000	4499999
4	2406608	2	12.0	57	1275	1416	0	5485788	4500000	5999999
5	1531710	1	16.0	84	1685	0	0	7020189	6000000	7499999
6	502414	2	17.0	56	1404	1766	0	7524288	7500000	8999999

New3RandParmBi n5

7 2129328 3 19.0 100 1340 1176 1479 9656786 9000000 10499999
 2303413
 8 1 11.0 59 1084 0 0 11964194 10500000 11999999
 Total number of pulses in waveform = 15
 Waveform Num = 12
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	291732	3	8.0	90	1122	1642	1670	291732	0	666666
2	914689	2	17.0	56	1522	1356	0	1210855	666667	1333333
3	280206	1	19.0	56	1186	0	0	1493939	1333334	2000000
4	640813	2	5.0	90	1526	1213	0	2135938	2000001	2666667
5	680643	3	20.0	58	1896	1798	1425	2819320	2666668	3333334
6	1013406	2	17.0	67	1793	1134	0	3837845	3333335	4000001
7	336521	1	15.0	94	1944	0	0	4177293	4000002	4666668
8	947792	1	6.0	76	1162	0	0	5127029	4666669	5333335
9	503391	3	13.0	94	1527	1621	1235	5631582	5333336	6000002
10	526017	3	6.0	68	1008	1323	1906	6161982	6000003	6666669
11	985601	1	10.0	62	1166	0	0	7151820	6666670	7333336
12	192811	3	9.0	83	1975	1275	1179	7345797	7333337	8000003
13	725062	2	17.0	66	1283	1055	0	8075288	8000004	8666670
14	1095063	1	20.0	67	1216	0	0	9172689	8666671	9333337
15	277018	1	7.0	100	1153	0	0	9450923	9333338	10000004
16	969032	2	19.0	93	1057	1388	0	10421108	10000005	10666671

New3RandParmBin5

17 344470 1 6.0 82 1259 0 0 10768023 10666672 11333338
 657152
 18 2 12.0 65 1751 1829 0 11426434 11333339 12000005

Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	99253	1	13.0	82	1570	0	0	99253	0	666666
2	885972	2	18.0	57	1440	1243	0	986795	666667	1333333
3	402795	2	11.0	73	1557	1894	0	1392273	1333334	2000000
4	1015050	1	8.0	51	1675	0	0	2410774	2000001	2666667
5	451014	3	11.0	69	1206	1468	1081	2863463	2666668	3333334
6	864816	3	17.0	75	1409	1268	1584	3732034	3333335	4000001
7	817419	1	17.0	67	1592	0	0	4553714	4000002	4666668
8	576050	2	6.0	97	1867	1242	0	5131356	4666669	5333335
9	485841	1	11.0	50	1165	0	0	5620306	5333336	6000002
10	726940	3	9.0	85	1498	1067	1943	6348411	6000003	6666669
11	812255	2	5.0	73	1353	1068	0	7165174	6666670	7333336
12	452438	1	11.0	73	1499	0	0	7620033	7333337	8000003
13	961303	2	7.0	76	1762	1047	0	8582835	8000004	8666670
14	346023	3	16.0	78	1840	1840	1469	8931667	8666671	9333337
15	993088	1	10.0	57	1070	0	0	9929904	9333338	10000004
16	75168	3	16.0	85	1589	1881	1185	10006142	10000005	10666671

New3RandParmBin5

17 1146734 2 16.0 75 1631 1585 0 11157531 10666672 11333338
 365487
 18 2 8.0 93 1057 1198 0 11526234 11333339 12000005

Total number of pulses in waveform = 35

♀
 Waveform Num = 14
 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	251269	3	20.0	83	1458	1497	1491	251269	0	799999
2	1316266	1	18.0	59	1707	0	0	1571981	800000	1599999
3	106286	1	18.0	59	1467	0	0	1679974	1600000	2399999
4	1388789	2	19.0	82	1033	1113	0	3070230	2400000	3199999
5	229117	2	8.0	72	1483	1740	0	3301493	3200000	3999999
6	1357967	1	7.0	59	1583	0	0	4662683	4000000	4799999
7	422019	3	10.0	79	1973	1436	1567	5086285	4800000	5599999
8	1220700	1	20.0	53	1279	0	0	6311961	5600000	6399999
9	374149	2	12.0	81	1819	1943	0	6687389	6400000	7199999
10	1154290	2	14.0	86	1904	1885	0	7845441	7200000	7999999
11	219734	1	19.0	60	1520	0	0	8068964	8000000	8799999
12	1497127	2	6.0	71	1172	1305	0	9567611	8800000	9599999
13	554389	1	6.0	73	1284	0	0	10124477	9600000	10399999
14	1055122	3	20.0	66	1734	1664	1609	11180883	10400000	11199999
15	431353	1	7.0	66	1401	0	0	11617243	11200000	11999999

Total number of pulses in waveform = 26

♀

New3RandParmBi n5

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1271257	2	12.0	80	1215	1353	0	1271257	0	1499999
2	880256	1	13.0	95	1291	0	0	2154081	1500000	2999999
3	1815554	3	6.0	93	1883	1772	1237	3970926	3000000	4499999
4	838193	2	7.0	77	1547	1158	0	4814011	4500000	5999999
5	1487730	2	6.0	90	1485	1980	0	6304446	6000000	7499999
6	1590477	2	14.0	57	1902	1332	0	7898388	7500000	8999999
7	1374558	2	19.0	63	1229	1154	0	9276180	9000000	10499999
8	1715050	3	10.0	74	1236	1255	1381	10993613	10500000	11999999

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	360585	1	18.0	60	1406	0	0	360585	0	857142
2	555825	3	7.0	85	1607	1330	1785	917816	857143	1714285
3	1431942	3	8.0	65	1621	1494	1348	2354480	1714286	2571428
4	1015020	1	6.0	76	1275	0	0	3373963	2571429	3428571
5	560604	1	15.0	78	1625	0	0	3935842	3428572	4285714
6	915532	1	17.0	97	1346	0	0	4852999	4285715	5142857
7	848513	2	8.0	54	1372	1516	0	5702858	5142858	6000000

New3RandParmBin5

8	1117664	2	14.0	88	1838	1096	0	6823410	6000001	6857143
9	122456	1	7.0	59	1951	0	0	6948800	6857144	7714286
10	1448125	3	18.0	81	1744	1888	1759	8398876	7714287	8571429
11	794924	2	16.0	94	1428	1917	0	9199191	8571430	9428572
12	399486	2	14.0	51	1162	1110	0	9602022	9428573	10285715
13	996535	3	16.0	92	1230	1558	1386	10600829	10285716	11142858
14	610851	2	11.0	82	1411	1242	0	11215854	11142859	12000001

Total number of pulses in waveform = 27

Waveform Num = 17
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	618993	3	15.0	90	1768	1788	1640	618993	0	631578
2	571651	1	12.0	61	1504	0	0	1195840	631579	1263157
3	205620	2	17.0	72	1008	1612	0	1402964	1263158	1894736
4	724667	2	19.0	97	1603	1361	0	2130251	1894737	2526315
5	893853	1	14.0	89	1194	0	0	3027068	2526316	3157894
6	276587	2	18.0	97	1644	1956	0	3304849	3157895	3789473
7	759046	1	12.0	77	1937	0	0	4067495	3789474	4421052
8	612442	1	19.0	85	1951	0	0	4681874	4421053	5052631
9	772056	1	12.0	64	1588	0	0	5455881	5052632	5684210
10	717032	1	5.0	71	1423	0	0	6174501	5684211	6315789
11	359792	3	7.0	63	1692	1614	1881	6535716	6315790	6947368

New3RandParmBi n5

12	464305	1	16.0	70	1843	0	0	7005208	6947369	7578947
13	1072744	3	8.0	76	1698	1187	1923	8079795	7578948	8210526
14	552265	3	6.0	82	1346	1085	1529	8636868	8210527	8842105
15	296686	1	16.0	88	1108	0	0	8937514	8842106	9473684
16	804175	1	11.0	69	1024	0	0	9742797	9473685	10105263
17	933129	1	5.0	50	1062	0	0	10676950	10105264	10736842
18	595768	1	9.0	59	1656	0	0	11273780	10736843	11368421
19	692223	1	12.0	67	1534	0	0	11967659	11368422	12000000

Total number of pulses in waveform = 30

♀
 Waveform Num = 18
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	469235	3	9.0	71	1145	1995	1265	469235	0	799999
2	900545	2	15.0	98	1566	1254	0	1374185	800000	1599999
3	740520	2	9.0	73	1215	1056	0	2117525	1600000	2399999
4	434537	1	9.0	93	1139	0	0	2554333	2400000	3199999
5	1332972	1	10.0	85	1320	0	0	3888444	3200000	3999999
6	332057	3	9.0	83	1918	1695	1464	4221821	4000000	4799999
7	1323836	3	20.0	67	1709	1518	1421	5550734	4800000	5599999
8	692480	2	17.0	70	1074	1000	0	6247862	5600000	6399999
9	458979	3	10.0	63	1454	1303	1331	6708915	6400000	7199999
10	532862	1	5.0	68	1091	0	0	7245865	7200000	7999999

New3RandParmBin5

11	1542679	2	17.0	100	1673	1084	0	8789635	8000000	8799999
12	553352	2	18.0	61	1176	1215	0	9345744	8800000	9599999
13	867339	2	13.0	76	1869	1502	0	10215474	9600000	10399999
14	840901	1	11.0	100	1545	0	0	11059746	10400000	11199999
15	861091	3	15.0	95	1721	1712	1717	11922382	11200000	11999999

Total number of pulses in waveform = 31

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	612788	2	15.0	58	1008	1452	0	612788	0	631578
2	577094	3	5.0	71	1963	1166	1537	1192342	631579	1263157
3	447810	1	15.0	81	1533	0	0	1644818	1263158	1894736
4	683771	3	12.0	100	1052	1289	1313	2330122	1894737	2526315
5	518496	3	5.0	58	1945	1923	1884	2852272	2526316	3157894
6	388014	3	9.0	71	1049	1721	1366	3246038	3157895	3789473
7	1088154	3	8.0	92	1160	1459	1219	4338328	3789474	4421052
8	708182	1	15.0	77	1565	0	0	5050348	4421053	5052631
9	624685	2	16.0	85	1113	1712	0	5676598	5052632	5684210
10	35534	3	5.0	86	1360	1901	1886	5714957	5684211	6315789
11	1090544	1	14.0	78	1809	0	0	6810648	6315790	6947368
12	259585	2	16.0	66	1615	1950	0	7072042	6947369	7578947
13	629970	2	7.0	99	1565	1959	0	7705577	7578948	8210526

New3RandParmBin5

14	841307	2	14.0	90	1624	1860	0	8550408	8210527	8842105
15	630383	2	17.0	80	1501	1555	0	9184275	8842106	9473684
16	706584	1	12.0	55	1206	0	0	9893915	9473685	10105263
17	439335	1	7.0	53	1592	0	0	10334456	10105264	10736842
18	1026863	2	13.0	70	1501	1824	0	11362911	10736843	11368421
19	206817	2	10.0	70	1851	1229	0	11573053	11368422	12000000

Total number of pulses in waveform = 39

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	314069	2	18.0	85	1287	1467	0	314069	0	666666
2	501906	1	6.0	89	1001	0	0	818729	666667	1333333
3	1064103	3	6.0	99	1303	1434	1019	1883833	1333334	2000000
4	697577	1	12.0	92	1579	0	0	2585166	2000001	2666667
5	517150	1	17.0	57	1519	0	0	3103895	2666668	3333334
6	827474	1	18.0	77	1023	0	0	3932888	3333335	4000001
7	455633	2	13.0	97	1616	1053	0	4389544	4000002	4666668
8	829151	2	15.0	67	1495	1976	0	5221364	4666669	5333335
9	243245	1	12.0	100	1182	0	0	5468080	5333336	6000002
10	1007123	2	9.0	65	1912	1565	0	6476385	6000003	6666669
11	300345	3	10.0	70	1054	1632	1349	6780207	6666670	7333336
12	1077753	2	10.0	98	1486	1173	0	7861995	7333337	8000003

New3RandParmBin5

13	777394	1	11.0	57	1423	0	0	8642048	8000004	8666670
14	424392	3	11.0	67	1147	1893	1841	9067863	8666671	9333337
15	807002	1	18.0	73	1994	0	0	9879746	9333338	10000004
16	672721	3	18.0	85	1013	1268	1378	10554461	10000005	10666671
17	342238	3	11.0	91	1571	1472	1312	10900358	10666672	11333338
18	779249	2	12.0	53	1035	1550	0	11683962	11333339	12000005

Total number of pulses in waveform = 34

Waveform Num = 21
 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	423346	3	16.0	85	1866	1464	1450	423346	0	666666
2	244040	2	6.0	84	1275	1489	0	672166	666667	1333333
3	1216007	2	13.0	58	1681	1921	0	1890937	1333334	2000000
4	368760	1	7.0	63	1384	0	0	2263299	2000001	2666667
5	929470	1	5.0	80	1134	0	0	3194153	2666668	3333334
6	458772	1	16.0	77	1815	0	0	3654059	3333335	4000001
7	492776	2	8.0	71	1548	1384	0	4148650	4000002	4666668
8	973432	2	13.0	74	1169	1768	0	5125014	4666669	5333335
9	625903	3	6.0	53	1218	1153	1785	5753854	5333336	6000002
10	386740	2	11.0	68	1616	1090	0	6144750	6000003	6666669
11	1110179	1	16.0	59	1529	0	0	7257635	6666670	7333336
12	366030	1	8.0	54	1348	0	0	7625194	7333337	8000003

New3RandParmBin5

13	677759	3	5.0	59	1963	1356	1801	8304301	8000004	8666670
14	771500	1	19.0	54	1823	0	0	9080921	8666671	9333337
15	733731	2	18.0	58	1563	1141	0	9816475	9333338	10000004
16	686023	2	18.0	52	1628	1208	0	10505202	10000005	10666671
17	281867	1	9.0	84	1173	0	0	10789905	10666672	11333338
18	620910	2	17.0	98	1179	1109	0	11411988	11333339	12000005

Total number of pulses in waveform = 32

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	306422	1	19.0	89	1579	0	0	306422	0	666666
2	659214	1	5.0	73	1769	0	0	967215	666667	1333333
3	653472	1	17.0	94	1577	0	0	1622456	1333334	2000000
4	543327	1	18.0	64	1523	0	0	2167360	2000001	2666667
5	1044742	1	15.0	86	1376	0	0	3213625	2666668	3333334
6	751285	3	19.0	64	1074	1315	1067	3966286	3333335	4000001
7	92880	3	10.0	57	1709	1228	1274	4062622	4000002	4666668
8	939754	3	10.0	59	1973	1879	1445	5006587	4666669	5333335
9	370629	2	16.0	97	1844	1780	0	5382513	5333336	6000002
10	1146152	3	10.0	71	1768	1943	1333	6532289	6000003	6666669
11	360701	2	8.0	89	1726	1887	0	6898034	6666670	7333336
12	847143	2	17.0	89	1629	1590	0	7748790	7333337	8000003

New3RandParmBi n5

13	889716	2	20.0	84	1717	1331	0	8641725	8000004	8666670
14	441454	3	15.0	100	1447	1441	1069	9086227	8666671	9333337
15	325576	1	17.0	100	1200	0	0	9415760	9333338	10000004
16	1212328	1	19.0	62	1938	0	0	10629288	10000005	10666671
17	295551	3	19.0	75	1786	1447	1690	10926777	10666672	11333338
18	925574	2	10.0	93	1235	1034	0	11857274	11333339	12000005

Total number of pulses in waveform = 35

Waveform Num = 23
 Num of Bursts = 12
 Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	139071	3	14.0	93	1333	1912	1435	139071	0	999999
2	1816802	1	5.0	62	1540	0	0	1960553	1000000	1999999
3	1022794	1	5.0	85	1154	0	0	2984887	2000000	2999999
4	19223	1	19.0	54	1650	0	0	3005264	3000000	3999999
5	1253299	1	11.0	55	1235	0	0	4260213	4000000	4999999
6	1046799	2	9.0	78	1105	1417	0	5308247	5000000	5999999
7	903010	3	18.0	73	1729	1453	1554	6213779	6000000	6999999
8	881462	1	17.0	80	1832	0	0	7099977	7000000	7999999
9	1284046	1	16.0	92	1562	0	0	8385855	8000000	8999999
10	1063142	2	5.0	54	1319	1904	0	9450559	9000000	9999999
11	594256	3	6.0	51	1260	1621	1759	10048038	10000000	10999999
12	1820549	2	20.0	85	1873	1094	0	11873227	11000000	11999999

New3RandParmBi n5

Total number of pulses in waveform = 21

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	902836	2	7.0	75	1133	1327	0	902836	0	1199999
2	707315	1	8.0	71	1039	0	0	1612611	1200000	2399999
3	1752610	3	8.0	97	1707	1123	1191	3366260	2400000	3599999
4	276297	3	7.0	61	1450	1927	1003	3646578	3600000	4799999
5	1759979	3	10.0	88	1586	1852	1545	5410937	4800000	5999999
6	1527826	2	6.0	64	1940	1818	0	6943746	6000000	7199999
7	958034	3	9.0	62	1468	1485	1806	7905538	7200000	8399999
8	1668233	2	9.0	64	1844	1733	0	9578530	8400000	9599999
9	729707	2	9.0	94	1669	1789	0	10311814	9600000	10799999
10	843487	3	20.0	76	1325	1476	1308	11158759	10800000	11999999

Total number of pulses in waveform = 24

♀
 Waveform Num = 25
 Num of Bursts = 17
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	480744	1	12.0	73	1997	0	0	480744	0	705881
2	616722	3	14.0	50	1110	1005	1931	1099463	705882	1411763
3	842328	1	5.0	54	1946	0	0	1945837	1411764	2117645
4	411158	2	5.0	51	1939	1154	0	2358941	2117646	2823527

New3RandParmBi n5

5	604656	2	19.0	97	1367	1927	0	2966690	2823528	3529409
6	822012	3	10.0	86	1826	1261	1494	3791996	3529410	4235291
7	1022398	3	19.0	75	1292	1180	1996	4818975	4235292	4941173
8	391570	3	7.0	61	1314	1915	1363	5215013	4941174	5647055
9	1000020	2	15.0	90	1465	1261	0	6219625	5647056	6352937
10	254420	1	13.0	81	1304	0	0	6476771	6352938	7058819
11	860251	3	15.0	57	1931	1881	1863	7338326	7058820	7764701
12	997467	1	14.0	75	1099	0	0	8341468	7764702	8470583
13	657588	3	7.0	83	1515	1822	1043	9000155	8470584	9176465
14	634131	2	10.0	58	1707	1186	0	9638666	9176466	9882347
15	645946	2	12.0	100	1794	1815	0	10287505	9882348	10588229
16	797953	2	14.0	81	1837	1432	0	11089067	10588230	11294111
17	468628	2	9.0	78	1265	1244	0	11560964	11294112	11999993

Total number of pulses in waveform = 36

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	564233	2	14.0	50	1794	1552	0	564233	0	999999
2	1315233	1	5.0	82	1941	0	0	1882812	1000000	1999999
3	180671	3	20.0	53	1114	1353	1027	2065424	2000000	2999999
4	1343473	3	5.0	75	1294	1946	1234	3412391	3000000	3999999
5	1014370	3	19.0	86	1061	1091	1785	4431235	4000000	4999999

New3RandParmBi n5

6	764227	3	6.0	88	1841	1844	1516	5199399	5000000	5999999
7	937823	1	20.0	88	1653	0	0	6142423	6000000	6999999
8	1443591	3	11.0	85	1946	1125	1165	7587667	7000000	7999999
9	734695	3	8.0	62	1691	1127	1829	8326598	8000000	8999999
10	749936	2	6.0	55	1316	1240	0	9081181	9000000	9999999
11	1508508	1	18.0	82	1384	0	0	10592245	10000000	10999999
12	1171017	3	9.0	74	1695	1984	1249	11764646	11000000	11999999

Total number of pulses in waveform = 28

♀
 Waveform Num = 27
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1082962	1	8.0	53	1608	0	0	1082962	0	1499999
2	613250	1	15.0	94	1084	0	0	1697820	1500000	2999999
3	2252811	2	19.0	96	1089	1513	0	3951715	3000000	4499999
4	1306466	3	17.0	81	1620	1593	1958	5260783	4500000	5999999
5	1524518	1	20.0	61	1812	0	0	6790472	6000000	7499999
6	1389593	2	19.0	56	1095	1514	0	8181877	7500000	8999999
7	1853554	2	8.0	73	1376	1029	0	10038040	9000000	10499999
8	1952413	2	20.0	64	1191	1834	0	11992858	10500000	11999999

Total number of pulses in waveform = 14

♀
 Waveform Num = 28
 Num of Bursts = 14
 Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	572955	2	19.0	95	1881	1063	0	572955	0	857142
2	821762	1	19.0	73	1256	0	0	1397661	857143	1714285
3	1000894	2	20.0	61	1344	2000	0	2399811	1714286	2571428
4	417754	1	5.0	60	1801	0	0	2820909	2571429	3428571
5	1358467	1	7.0	93	1975	0	0	4181177	3428572	4285714
6	286636	2	14.0	67	1177	1057	0	4469788	4285715	5142857
7	1107056	2	10.0	99	1454	1658	0	5579078	5142858	6000000
8	668885	3	13.0	51	1384	1341	1130	6251075	6000001	6857143
9	988863	1	6.0	90	1873	0	0	7243793	6857144	7714286
10	694043	1	8.0	57	1123	0	0	7939709	7714287	8571429
11	1113695	2	7.0	59	1638	1721	0	9054527	8571430	9428572
12	1181351	2	19.0	61	1529	1427	0	10239237	9428573	10285715
13	448682	2	14.0	85	1814	1244	0	10690875	10285716	11142858
14	895048	2	13.0	65	1160	1248	0	11588981	11142859	12000001

Total number of pulses in waveform = 24

♀
Waveform Num = 29
Num of Bursts = 19
Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	181058	3	7.0	91	1682	1202	1913	181058	0	631578
2	785912	3	12.0	64	1380	1565	1427	971767	631579	1263157
3	499038	1	7.0	78	1984	0	0	1475177	1263158	1894736

New3RandParmBi n5

4	901257	3	16.0	68	1839	1838	1143	2378418	1894737	2526315
5	285626	3	20.0	69	1808	1409	1260	2668864	2526316	3157894
6	988847	2	6.0	68	1980	1562	0	3662188	3157895	3789473
7	388422	2	16.0	98	1131	1886	0	4054152	3789474	4421052
8	970743	2	19.0	87	1688	1633	0	5027912	4421053	5052631
9	630192	1	15.0	82	1907	0	0	5661425	5052632	5684210
10	392844	1	7.0	58	1464	0	0	6056176	5684211	6315789
11	752465	3	10.0	74	1162	1466	1163	6810105	6315790	6947368
12	246056	2	5.0	73	1118	1084	0	7059952	6947369	7578947
13	1047733	3	18.0	70	1264	1906	1902	8109887	7578948	8210526
14	140508	3	20.0	87	1523	1844	1694	8255467	8210527	8842105
15	809073	2	19.0	84	1660	1403	0	9069601	8842106	9473684
16	981315	1	6.0	97	1979	0	0	10053979	9473685	10105263
17	209434	1	15.0	77	1775	0	0	10265392	10105264	10736842
18	677382	1	11.0	58	1255	0	0	10944549	10736843	11368421
19	841614	2	19.0	58	1558	1361	0	11787418	11368422	12000000

Total number of pulses in waveform = 39

‡
 Waveform Num = 30
 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	766308	1	18.0	68	1632	0	0	766308	0	799999
2	520623	3	18.0	63	1988	1884	1771	1288563	800000	1599999

New3RandParmBi n5

3	856172	1	16.0	53	1828	0	0	2150378	1600000	2399999
4	361038	3	12.0	52	1033	1116	1596	2513244	2400000	3199999
5	1075148	2	8.0	95	1686	1813	0	3592137	3200000	3999999
6	575109	1	8.0	60	1297	0	0	4170745	4000000	4799999
7	1187357	2	18.0	73	1696	1825	0	5359399	4800000	5599999
8	321548	1	9.0	89	1399	0	0	5684468	5600000	6399999
9	1465197	1	8.0	91	1684	0	0	7151064	6400000	7199999
10	575898	3	16.0	88	1647	1926	1210	7728646	7200000	7999999
11	598406	1	15.0	69	1524	0	0	8331835	8000000	8799999
12	1012160	1	10.0	89	1536	0	0	9345519	8800000	9599999
13	473729	2	12.0	63	1825	1470	0	9820784	9600000	10399999
14	1207978	1	12.0	77	1467	0	0	11032057	10400000	11199999
15	469908	1	11.0	80	1626	0	0	11503432	11200000	11999999

Total number of pulses in waveform = 24

♀
Random DFS waveform parameters (NewBi n5) 22-Jun-2015 17:48:22

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	34327	2	16.0	81	1685	1437	0	34327	0	1499999
2	2243762	2	20.0	85	1446	1416	0	2281211	1500000	2999999
3	2018074	2	9.0	80	1438	1930	0	4302147	3000000	4499999
4	522575	3	12.0	50	1446	1814	1505	4828090	4500000	5999999

New3RandParmBin5

5	1199520	3	17.0	91	1137	1237	1944	6032375	6000000	7499999
6	1649967	3	5.0	58	1226	1911	1472	7686660	7500000	8999999
7	1605930	2	16.0	95	1889	1168	0	9297199	9000000	10499999
8	1494250	2	17.0	56	1377	1280	0	10794506	10500000	11999999

Total number of pulses in waveform = 19

♀
 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	1021661	1	19.0	88	1032	0	0	1021661	0	1090908
2	73536	2	15.0	62	1377	1292	0	1096229	1090909	2181817
3	1414952	1	15.0	95	1370	0	0	2513850	2181818	3272726
4	1814198	2	6.0	79	1091	1526	0	4329418	3272727	4363635
5	344252	3	17.0	93	1688	1111	1184	4676287	4363636	5454544
6	1702083	2	13.0	56	1477	1826	0	6382353	5454545	6545453
7	1050223	3	7.0	78	1925	1148	1301	7435879	6545454	7636362
8	641429	1	13.0	62	1238	0	0	8081682	7636363	8727271
9	1240006	2	18.0	77	1772	1667	0	9322926	8727272	9818180
10	816615	3	5.0	81	1749	1570	1420	10142980	9818181	10909089
11	1812697	3	10.0	62	1483	1123	1042	11960416	10909090	11999998

Total number of pulses in waveform = 23

♀
 Waveform Num = 3
 Num of Bursts = 9
 Burst Interval (us) = 1333333.0

New3RandParmBin5										
Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1131338	3	15.0	97	1036	1844	1767	1131338	0	1333332
2	539682	3	7.0	59	1109	1257	1069	1675667	1333333	2666665
3	1726623	2	8.0	52	1328	1726	0	3405725	2666666	3999998
4	1618047	2	13.0	84	1186	1039	0	5026826	3999999	5333331
5	360070	2	8.0	92	1933	1397	0	5389121	5333332	6666664
6	2095971	1	5.0	89	1020	0	0	7488422	6666665	7999997
7	1458831	3	14.0	55	1094	1654	1381	8948273	7999998	9333330
8	1019493	3	17.0	58	1115	1050	1683	9971895	9333331	10666663
9	1126448	1	9.0	54	1088	0	0	11102191	10666664	11999996

Total number of pulses in waveform = 20

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	681526	1	6.0	53	1885	0	0	681526	0	749999
2	341394	2	7.0	83	1257	1616	0	1024805	750000	1499999
3	604055	3	15.0	54	1430	1345	1520	1631733	1500000	2249999
4	1302700	1	6.0	60	1604	0	0	2938728	2250000	2999999
5	521704	2	20.0	97	1972	1415	0	3462036	3000000	3749999
6	779326	1	6.0	56	1623	0	0	4244749	3750000	4499999
7	706281	3	6.0	76	1337	1184	1709	4952653	4500000	5249999
8	725502	2	16.0	71	1777	1999	0	5682385	5250000	5999999

New3RandParmBi n5

9	822998	3	18.0	62	1899	1537	1650	6509159	6000000	6749999
10	393185	2	13.0	74	1879	1813	0	6907430	6750000	7499999
11	1260001	3	11.0	92	1444	1758	1848	8171123	7500000	8249999
12	444781	3	15.0	88	1758	1868	1291	8620954	8250000	8999999
13	1053643	3	16.0	63	1107	1703	1867	9679514	9000000	9749999
14	293491	2	15.0	53	1591	1851	0	9977682	9750000	10499999
15	919660	3	14.0	98	1363	1446	1046	10900784	10500000	11249999
16	926999	1	11.0	95	1144	0	0	11831638	11250000	11999999

Total number of pulses in waveform = 35

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	239892	2	5.0	80	1003	1813	0	239892	0	857142
2	1161349	1	15.0	68	1162	0	0	1404057	857143	1714285
3	693069	2	14.0	95	1176	1078	0	2098288	1714286	2571428
4	1018991	3	20.0	84	1325	1072	1314	3119533	2571429	3428571
5	1154699	3	15.0	92	1785	1418	1096	4277943	3428572	4285714
6	514268	3	6.0	81	1627	1399	1267	4796510	4285715	5142857
7	662818	2	14.0	80	1503	1982	0	5463621	5142858	6000000
8	890126	1	8.0	56	1964	0	0	6357232	6000001	6857143
9	1209281	3	15.0	74	1078	1033	1013	7568477	6857144	7714286
10	393232	1	10.0	68	2000	0	0	7964833	7714287	8571429

New3RandParmBin5

11	666460	2	10.0	96	1186	1565	0	8633293	8571430	9428572
12	1382092	1	8.0	87	1085	0	0	10018136	9428573	10285715
13	301553	2	14.0	72	1486	1839	0	10320774	10285716	11142858
14	1403214	2	6.0	58	1650	1194	0	11727313	11142859	12000001

Total number of pulses in waveform = 28

Waveform Num = 6
 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	562983	1	10.0	100	1859	0	0	562983	0	799999
2	581528	2	13.0	74	1909	1563	0	1146370	800000	1599999
3	654162	2	9.0	87	1515	1670	0	1804004	1600000	2399999
4	1071729	3	11.0	72	1828	1556	1128	2878918	2400000	3199999
5	1023379	1	7.0	85	1489	0	0	3906809	3200000	3999999
6	148265	3	19.0	98	1820	1819	1613	4056563	4000000	4799999
7	983411	1	13.0	70	1154	0	0	5045226	4800000	5599999
8	887317	3	17.0	71	1187	1639	1331	5933697	5600000	6399999
9	560354	2	17.0	81	1009	1140	0	6498208	6400000	7199999
10	1256237	1	10.0	84	1025	0	0	7756594	7200000	7999999
11	869728	3	9.0	79	1703	1830	1360	8627347	8000000	8799999
12	530268	1	5.0	83	1284	0	0	9162508	8800000	9599999
13	858426	2	17.0	66	1361	1442	0	10022218	9600000	10399999
14	881923	3	6.0	94	1977	1570	1056	10906944	10400000	11199999

New3RandParmBin5

15 554016 3 18.0 79 1085 1087 1060 11465563 11200000 11999999
 Total number of pulses in waveform = 31

♀
 Waveform Num = 7
 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	348834	1	17.0	76	1924	0	0	348834	0	799999
2	932888	1	18.0	74	1630	0	0	1283646	800000	1599999
3	428283	2	14.0	69	1566	1076	0	1713559	1600000	2399999
4	1431202	1	11.0	98	1830	0	0	3147403	2400000	3199999
5	236386	3	14.0	76	1271	1496	1645	3385619	3200000	3999999
6	858406	3	10.0	52	1230	1882	1243	4248437	4000000	4799999
7	783632	3	14.0	84	1824	1641	1620	5036424	4800000	5599999
8	1260747	3	19.0	61	1463	1619	1606	6302256	5600000	6399999
9	234470	3	11.0	75	1499	1983	1984	6541414	6400000	7199999
10	870092	3	12.0	72	1427	1887	1589	7416972	7200000	7999999
11	1307022	2	15.0	93	1776	1462	0	8728897	8000000	8799999
12	689112	1	13.0	53	1491	0	0	9421247	8800000	9599999
13	843446	2	8.0	83	1883	1291	0	10266184	9600000	10399999
14	364775	3	19.0	78	1278	1836	1608	10634133	10400000	11199999
15	1046019	3	10.0	55	1304	1027	1945	11684874	11200000	11999999

Total number of pulses in waveform = 34

♀
 Waveform Num = 8
 Num of Bursts = 13

New3RandParmBin5

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	316785	2	14.0	95	1238	1356	0	316785	0	923076
2	893387	2	6.0	60	1372	1546	0	1212766	923077	1846153
3	798015	3	18.0	67	1580	1446	1847	2013699	1846154	2769230
4	764383	2	13.0	74	1276	1321	0	2782955	2769231	3692307
5	1688454	1	5.0	56	1907	0	0	4474006	3692308	4615384
6	349761	1	8.0	85	1749	0	0	4825674	4615385	5538461
7	1205942	2	20.0	67	1572	1479	0	6033365	5538462	6461538
8	747454	3	6.0	92	1857	1549	1730	6783870	6461539	7384615
9	1448104	2	7.0	57	1487	1604	0	8237110	7384616	8307692
10	734179	3	15.0	91	1598	1604	1788	8974380	8307693	9230769
11	291425	3	17.0	90	1769	1183	1941	9270795	9230770	10153846
12	1601147	1	10.0	91	1207	0	0	10876835	10153847	11076923
13	923441	1	9.0	58	1404	0	0	11801483	11076924	12000000

Total number of pulses in waveform = 26

Waveform Num = 9

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	331235	1	9.0	76	1704	0	0	331235	0	999999
2	774073	2	14.0	83	1817	1421	0	1107012	1000000	1999999
3	1197286	2	17.0	57	1633	1877	0	2307536	2000000	2999999

New3RandParmBin5

4	1482782	3	19.0	72	1524	1165	1508	3793828	3000000	3999999
5	240486	1	8.0	80	1686	0	0	4038511	4000000	4999999
6	1000545	2	20.0	53	1367	1539	0	5040742	5000000	5999999
7	1446200	3	16.0	53	1988	1095	1624	6489848	6000000	6999999
8	1085943	1	16.0	73	1765	0	0	7580498	7000000	7999999
9	935982	1	13.0	68	1172	0	0	8518245	8000000	8999999
10	1405474	3	17.0	67	1636	1146	1711	9924891	9000000	9999999
11	172284	3	15.0	75	1151	1246	1951	10101668	10000000	10999999
12	1643921	1	18.0	87	1942	0	0	11749937	11000000	11999999

Total number of pulses in waveform = 23

Waveform Num = 10
 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	83737	1	13.0	50	1789	0	0	83737	0	923076
2	988948	3	12.0	55	1028	1113	1400	1074474	923077	1846153
3	1239172	2	7.0	55	1960	1657	0	2317187	1846154	2769230
4	897301	2	20.0	78	1706	1867	0	3218105	2769231	3692307
5	1092535	3	10.0	77	1519	1535	1761	4314213	3692308	4615384
6	648000	1	5.0	58	1570	0	0	4967028	4615385	5538461
7	1485428	3	14.0	63	1410	1620	1522	6454026	5538462	6461538
8	506685	2	11.0	76	1018	1337	0	6965263	6461539	7384615
9	637439	2	5.0	97	1343	1750	0	7605057	7384616	8307692

New3RandParmBin5

10	1211412	3	18.0	73	1784	1252	1633	8819562	8307693	9230769
11	555380	3	14.0	89	1364	1739	1040	9379611	9230770	10153846
12	945862	2	17.0	50	1693	1789	0	10329616	10153847	11076923
13	939624	3	7.0	63	1488	1620	1278	11272722	11076924	12000000

Total number of pulses in waveform = 30

♀
 Waveform Num = 11
 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	431833	2	20.0	56	1822	1196	0	431833	0	1199999
2	873064	2	18.0	53	1763	1227	0	1307915	1200000	2399999
3	1454409	1	6.0	70	1753	0	0	2765314	2400000	3599999
4	1722011	3	10.0	77	1779	1711	1807	4489078	3600000	4799999
5	732044	2	18.0	57	1578	1940	0	5226419	4800000	5999999
6	1438001	3	13.0	72	1721	1176	1419	6667938	6000000	7199999
7	1275105	2	5.0	71	1573	1226	0	7947359	7200000	8399999
8	1095803	1	17.0	66	1309	0	0	9045961	8400000	9599999
9	627240	2	19.0	83	1877	1525	0	9674510	9600000	10799999
10	1837051	1	10.0	65	1815	0	0	11514963	10800000	11999999

Total number of pulses in waveform = 19

♀
 Waveform Num = 12
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
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New3RandParmBi n5

1	802666	3	16.0	52	1799	1204	1002	802666	0	1499999
2	886169	2	7.0	56	1601	1212	0	1692840	1500000	2999999
3	1987134	2	10.0	54	1147	1386	0	3682787	3000000	4499999
4	1494919	3	8.0	99	1325	1647	1311	5180239	4500000	5999999
5	2165162	2	11.0	73	1290	1632	0	7349684	6000000	7499999
6	512755	1	7.0	100	1595	0	0	7865361	7500000	8999999
7	2212487	2	6.0	72	1244	1877	0	10079443	9000000	10499999
8	857802	2	20.0	80	1214	1379	0	10940366	10500000	11999999

Total number of pulses in waveform = 17

♀
 Waveform Num = 13
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1149359	2	20.0	97	1567	1245	0	1149359	0	1199999
2	224531	2	7.0	98	1167	1199	0	1376702	1200000	2399999
3	2206993	2	13.0	58	1293	1741	0	3586061	2400000	3599999
4	150420	2	12.0	58	1439	1448	0	3739515	3600000	4799999
5	2164082	1	12.0	53	1144	0	0	5906484	4800000	5999999
6	554647	3	14.0	71	1378	1225	1225	6462275	6000000	7199999
7	879876	1	11.0	87	1267	0	0	7345979	7200000	8399999
8	1823005	2	7.0	95	1955	1662	0	9170251	8400000	9599999
9	673729	1	18.0	52	1676	0	0	9847597	9600000	10799999
10	1182460	2	14.0	55	1710	1663	0	11031733	10800000	11999999

New3RandParmBi n5

Total number of pulses in waveform = 18

♀
 Waveform Num = 14
 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	246523	2	12.0	87	1365	1065	0	246523	0	1090908
2	1293660	3	20.0	79	1049	1800	1985	1542613	1090909	2181817
3	1560318	2	8.0	53	1260	1186	0	3107765	2181818	3272726
4	262237	1	5.0	67	1717	0	0	3372448	3272727	4363635
5	1529963	2	9.0	83	1191	1124	0	4904128	4363636	5454544
6	1591786	3	12.0	94	1830	1291	1870	6498229	5454545	6545453
7	793883	2	6.0	86	1595	1200	0	7297103	6545454	7636362
8	841445	3	18.0	78	1563	1284	1069	8141343	7636363	8727271
9	922420	3	10.0	68	1184	1346	1737	9067679	8727272	9818180
10	992971	1	12.0	91	1315	0	0	10064917	9818181	10909089
11	1155459	1	13.0	50	1223	0	0	11221691	10909090	11999998

Total number of pulses in waveform = 23

♀
 Waveform Num = 15
 Num of Bursts = 10
 Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	607855	1	19.0	77	1108	0	0	607855	0	1199999
2	801042	1	5.0	94	1840	0	0	1410005	1200000	2399999
3	1379333	3	16.0	94	1431	1615	1774	2791178	2400000	3599999

New3RandParmBin5

4	1936590	3	9.0	65	1303	1804	1645	4732588	3600000	4799999
5	234447	2	18.0	87	1809	1816	0	4971787	4800000	5999999
6	1180027	1	20.0	50	1763	0	0	6155439	6000000	7199999
7	2006859	2	14.0	54	1936	1609	0	8164061	7200000	8399999
8	997839	2	12.0	74	1195	1486	0	9165445	8400000	9599999
9	1380783	2	19.0	54	1566	1076	0	10548909	9600000	10799999
10	1414483	3	19.0	69	1531	1152	1718	11966034	10800000	11999999

Total number of pulses in waveform = 20

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	498259	3	13.0	90	1757	1095	1990	498259	0	999999
2	692095	2	13.0	66	1525	1819	0	1195196	1000000	1999999
3	1515477	3	18.0	74	1209	1791	1207	2714017	2000000	2999999
4	545632	1	18.0	89	1737	0	0	3263856	3000000	3999999
5	1387636	2	11.0	86	1524	1243	0	4653229	4000000	4999999
6	1310839	3	9.0	52	1282	1059	1506	5966835	5000000	5999999
7	295288	2	12.0	52	1883	1156	0	6265970	6000000	6999999
8	1320159	3	19.0	91	1942	1053	1176	7589168	7000000	7999999
9	628793	3	9.0	57	1770	1883	1778	8222132	8000000	8999999
10	1479721	1	16.0	78	1672	0	0	9707284	9000000	9999999
11	947617	3	11.0	95	1469	1725	1502	10656573	10000000	10999999

New3RandParmBin5

657237
 12 3 20.0 59 1315 1655 1669 11318506 11000000 11999999
 Total number of pulses in waveform = 29

♀
 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	645333	2	11.0	82	1286	1998	0	645333	0	1333332
2	1336872	1	8.0	54	1947	0	0	1985489	1333333	2666665
3	1122908	3	9.0	75	1812	1947	1280	3110344	2666666	3999998
4	1204415	1	17.0	58	1516	0	0	4319798	3999999	5333331
5	2300803	3	16.0	74	1621	1869	1083	6622117	5333332	6666664
6	1237775	3	14.0	87	1657	1638	1970	7864465	6666665	7999997
7	666683	3	5.0	50	1429	1579	1515	8536413	7999998	9333330
8	1987101	1	19.0	72	1897	0	0	10528037	9333331	10666663
9	445739	3	5.0	74	1994	1554	1292	10975673	10666664	11999996

Total number of pulses in waveform = 20

♀
 Waveform Num = 18
 Num of Bursts = 20
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	550040	3	18.0	89	1141	1680	1228	550040	0	599999
2	489627	3	19.0	65	1950	1166	1833	1043716	600000	1199999
3	171064	2	14.0	66	1619	1577	0	1219729	1200000	1799999
4	781961	3	16.0	51	1165	1302	1413	2004886	1800000	2399999

New3RandParmBi n5

5	822638	2	15.0	80	1888	1140	0	2831404	2400000	2999999
6	519944	1	8.0	57	1903	0	0	3354376	3000000	3599999
7	676623	2	13.0	83	1267	1136	0	4032902	3600000	4199999
8	681965	1	11.0	59	1466	0	0	4717270	4200000	4799999
9	251139	2	6.0	100	1555	1001	0	4969875	4800000	5399999
10	938006	2	20.0	83	1741	1906	0	5910437	5400000	5999999
11	425666	1	15.0	82	1061	0	0	6339750	6000000	6599999
12	474624	3	11.0	54	1390	1066	1318	6815435	6600000	7199999
13	684651	1	17.0	99	1861	0	0	7503860	7200000	7799999
14	622422	1	18.0	54	1850	0	0	8128143	7800000	8399999
15	425219	2	14.0	61	1007	1869	0	8555212	8400000	8999999
16	658765	2	15.0	86	1428	1284	0	9216853	9000000	9599999
17	471012	2	11.0	56	1711	1300	0	9690577	9600000	10199999
18	778377	1	16.0	53	1711	0	0	10471965	10200000	10799999
19	661706	2	18.0	79	1457	1851	0	11135382	10800000	11399999
20	313217	3	6.0	58	1975	1055	1898	11451907	11400000	11999999

Total number of pulses in waveform = 39

‡
 Waveform Num = 19
 Num of Bursts = 13
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	717586	1	19.0	81	1087	0	0	717586	0	923076
2	241689	2	19.0	93	1854	1738	0	960362	923077	1846153

New3RandParmBin5

3	1700949	3	13.0	52	1255	1650	2000	2664903	1846154	2769230
4	825152	2	15.0	86	1774	1190	0	3494960	2769231	3692307
5	1076586	1	16.0	99	1387	0	0	4574510	3692308	4615384
6	815704	2	7.0	93	1361	1955	0	5391601	4615385	5538461
7	695103	2	11.0	94	1385	1451	0	6090020	5538462	6461538
8	807841	1	14.0	57	1531	0	0	6900697	6461539	7384615
9	958260	3	15.0	100	1513	1820	1266	7860488	7384616	8307692
10	816702	3	9.0	96	1120	1167	1161	8681789	8307693	9230769
11	1189738	1	5.0	53	1592	0	0	9874975	9230770	10153846
12	1043019	1	20.0	83	1692	0	0	10919586	10153847	11076923
13	299144	3	16.0	75	1060	1339	1214	11220422	11076924	12000000

Total number of pulses in waveform = 25

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	379470	1	8.0	59	1379	0	0	379470	0	923076
2	753352	1	10.0	77	1122	0	0	1134201	923077	1846153
3	1494304	1	10.0	67	1488	0	0	2629627	1846154	2769230
4	933173	3	18.0	85	1954	1931	1620	3564288	2769231	3692307
5	355602	1	13.0	64	1109	0	0	3925395	3692308	4615384
6	1041970	1	12.0	86	1335	0	0	4968474	4615385	5538461
7	625724	1	10.0	63	1563	0	0	5595533	5538462	6461538

New3RandParmBin5

8	1487366	3	5.0	76	1193	1666	1686	7084462	6461539	7384615
9	699605	1	15.0	94	1309	0	0	7788612	7384616	8307692
10	1004044	2	6.0	69	1014	1405	0	8793965	8307693	9230769
11	565234	2	13.0	54	1186	1261	0	9361618	9230770	10153846
12	934916	2	8.0	73	1119	1269	0	10298981	10153847	11076923
13	1000679	1	16.0	61	1315	0	0	11302048	11076924	12000000

Total number of pulses in waveform = 20

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	164742	3	16.0	91	1221	1203	1676	164742	0	705881
2	911407	1	12.0	56	1811	0	0	1080249	705882	1411763
3	438272	3	9.0	99	1600	1056	1950	1520332	1411764	2117645
4	811540	1	7.0	83	1725	0	0	2336478	2117646	2823527
5	1001827	2	12.0	55	1899	1272	0	3340030	2823528	3529409
6	734190	2	19.0	67	1696	1288	0	4077391	3529410	4235291
7	833335	2	19.0	82	1019	1643	0	4913710	4235292	4941173
8	223271	1	17.0	77	1637	0	0	5139643	4941174	5647055
9	822658	2	11.0	76	1167	1778	0	5963938	5647056	6352937
10	666796	3	11.0	78	1202	1963	1426	6633679	6352938	7058819
11	665869	3	12.0	60	1328	1785	1408	7304139	7058820	7764701
12	592481	2	12.0	98	1840	1964	0	7901141	7764702	8470583

New3RandParmBin5

13	648411	1	12.0	88	1974	0	0	8553356	8470584	9176465
14	896405	2	11.0	72	1149	1672	0	9451735	9176466	9882347
15	658657	3	18.0	77	1186	1711	1818	10113213	9882348	10588229
16	518516	3	7.0	95	1069	1211	1027	10636444	10588230	11294111
17	1178718	2	5.0	98	1616	1340	0	11818469	11294112	11999993
Total number of pulses in waveform = 36										

♀
 Waveform Num = 22
 Num of Bursts = 8
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	251087	1	17.0	84	1589	0	0	251087	0	1499999
2	1996773	2	9.0	94	1781	1065	0	2249449	1500000	2999999
3	2067281	1	18.0	61	1598	0	0	4319576	3000000	4499999
4	798373	1	20.0	72	1755	0	0	5119547	4500000	5999999
5	1890905	1	9.0	75	1614	0	0	7012207	6000000	7499999
6	1024139	3	20.0	73	1821	1944	1804	8037960	7500000	8999999
7	1859774	2	12.0	52	1263	1732	0	9903303	9000000	10499999
8	936435	3	6.0	61	1590	1946	1678	10842733	10500000	11999999

Total number of pulses in waveform = 14

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

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	387347	3	9.0	67	1651	1130	1332	387347	0	599999

New3RandParmBi n5

2	479631	2	8.0	51	1914	1654	0	871091	600000	1199999
3	388741	3	16.0	89	1662	1689	1644	1263400	1200000	1799999
4	1038150	1	19.0	96	1365	0	0	2306545	1800000	2399999
5	132148	2	12.0	54	1362	1264	0	2440058	2400000	2999999
6	792051	2	15.0	71	1022	1093	0	3234735	3000000	3599999
7	425686	3	12.0	94	1547	1948	1187	3662536	3600000	4199999
8	1074162	2	10.0	85	1979	1609	0	4741380	4200000	4799999
9	116018	1	12.0	61	1172	0	0	4860986	4800000	5399999
10	860849	3	19.0	63	1108	1185	1392	5723007	5400000	5999999
11	562307	1	16.0	64	1524	0	0	6288999	6000000	6599999
12	654752	3	5.0	53	1660	1140	1725	6945275	6600000	7199999
13	272590	1	7.0	64	1836	0	0	7222390	7200000	7799999
14	1140996	3	15.0	93	1300	1793	1809	8365222	7800000	8399999
15	156705	3	16.0	69	1277	1190	1252	8526829	8400000	8999999
16	1031654	3	12.0	82	1960	1999	1552	9562202	9000000	9599999
17	450327	2	9.0	55	1958	1670	0	10018040	9600000	10199999
18	576067	3	13.0	91	1973	1065	1147	10597735	10200000	10799999
19	357530	2	7.0	71	1336	1257	0	10959450	10800000	11399999
20	881801	1	15.0	57	1447	0	0	11843844	11400000	11999999

Total number of pulses in waveform = 44

‡
 Waveform Num = 24
 Num of Bursts = 18
 Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pul ses	Chi rp (MHz)	PW (us)	New3RandParmBi n5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pul se 1 Pri (us)	Pul se 2 Pri (us)	Pul se 3 Pri (us)			
1	536897	2	9.0	90	1896	1426	0	536897	0	666666
2	153565	2	11.0	68	1516	1719	0	693784	666667	1333333
3	916759	3	6.0	73	1639	1110	1156	1613778	1333334	2000000
4	569669	3	16.0	73	1030	1982	1072	2187352	2000001	2666667
5	795114	3	18.0	99	1278	1639	1680	2986550	2666668	3333334
6	719826	2	15.0	95	1433	1445	0	3710973	3333335	4000001
7	389029	2	15.0	79	1581	1927	0	4102880	4000002	4666668
8	861673	1	20.0	94	1773	0	0	4968061	4666669	5333335
9	1010128	3	8.0	74	1251	1035	1804	5979962	5333336	6000002
10	382481	3	7.0	69	1365	1593	1163	6366533	6000003	6666669
11	877637	2	14.0	90	1032	1843	0	7248291	6666670	7333336
12	310136	3	6.0	61	1895	1915	1621	7561302	7333337	8000003
13	1026050	2	19.0	79	1885	1989	0	8592783	8000004	8666670
14	672062	1	14.0	97	1403	0	0	9268719	8666671	9333337
15	416404	3	14.0	98	1830	1708	1507	9686526	9333338	10000004
16	923450	2	5.0	56	1484	1279	0	10615021	10000005	10666671
17	308479	1	15.0	85	1829	0	0	10926263	10666672	11333338
18	439514	1	19.0	68	1200	0	0	11367606	11333339	12000005

Total number of pulses in waveform = 39

‡
Waveform Num = 25
Num of Bursts = 15
Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	New3RandParmBin5			Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
					Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)			
1	566862	2	19.0	64	1018	1169	0	566862	0	799999
2	986337	1	18.0	83	1440	0	0	1555386	800000	1599999
3	136821	2	15.0	99	1002	1301	0	1693647	1600000	2399999
4	807929	3	10.0	81	1367	1313	1203	2503879	2400000	3199999
5	1032756	3	11.0	74	1257	1402	1820	3540518	3200000	3999999
6	842985	2	18.0	61	1318	1978	0	4387982	4000000	4799999
7	652797	3	19.0	72	1904	1426	1072	5044075	4800000	5599999
8	1046389	3	17.0	86	1176	1060	1772	6094866	5600000	6399999
9	506426	3	7.0	59	1971	1189	1427	6605300	6400000	7199999
10	881866	2	12.0	99	1099	1979	0	7491753	7200000	7999999
11	719496	2	12.0	60	1309	1860	0	8214327	8000000	8799999
12	1362064	3	16.0	80	1446	1916	1439	9579560	8800000	9599999
13	88622	3	9.0	60	1677	1948	1985	9672983	9600000	10399999
14	1232634	3	5.0	59	1652	1935	1685	10911227	10400000	11199999
15	462626	3	11.0	66	1415	1189	1163	11379125	11200000	11999999

Total number of pulses in waveform = 38

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	189521	2	14.0	70	1320	1940	0	189521	0	631578
2	707202	1	5.0	65	1796	0	0	899983	631579	1263157

New3RandParmBi n5

3	600206	3	6.0	70	1107	1716	1975	1501985	1263158	1894736
4	501893	1	12.0	85	1241	0	0	2008676	1894737	2526315
5	559114	1	15.0	71	1306	0	0	2569031	2526316	3157894
6	700646	2	7.0	82	1751	1277	0	3270983	3157895	3789473
7	1062105	1	8.0	72	1570	0	0	4336116	3789474	4421052
8	423370	2	19.0	53	1855	1981	0	4761056	4421053	5052631
9	629533	1	16.0	56	1213	0	0	5394425	5052632	5684210
10	847269	1	6.0	99	1703	0	0	6242907	5684211	6315789
11	627905	1	14.0	64	1220	0	0	6872515	6315790	6947368
12	650124	3	17.0	65	1554	1816	1809	7523859	6947369	7578947
13	521851	1	19.0	66	1585	0	0	8050889	7578948	8210526
14	416235	2	16.0	53	1610	1853	0	8468709	8210527	8842105
15	852731	3	14.0	50	1745	1996	1980	9324903	8842106	9473684
16	486720	3	10.0	83	1424	1097	1007	9817344	9473685	10105263
17	380743	1	15.0	74	1421	0	0	10201615	10105264	10736842
18	539573	1	19.0	87	1450	0	0	10742609	10736843	11368421
19	721477	2	17.0	79	1120	1882	0	11465536	11368422	12000000

Total number of pulses in waveform = 32

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	542912	2	19.0	50	1907	1637	0	542912	0	749999

New3RandParmBin5

2	237446	1	20.0	56	1087	0	0	783902	750000	1499999
3	1283471	2	8.0	63	1558	1579	0	2068460	1500000	2249999
4	546668	1	5.0	98	1636	0	0	2618265	2250000	2999999
5	745094	1	13.0	64	1188	0	0	3364995	3000000	3749999
6	409339	1	10.0	57	1489	0	0	3775522	3750000	4499999
7	1304820	3	15.0	95	1823	1235	1148	5081831	4500000	5249999
8	217881	1	15.0	68	1748	0	0	5303918	5250000	5999999
9	1376935	2	16.0	81	1539	1586	0	6682601	6000000	6749999
10	286810	1	14.0	88	1668	0	0	6972536	6750000	7499999
11	720176	3	17.0	71	1923	1992	1053	7694380	7500000	8249999
12	666778	3	10.0	62	1283	1363	1049	8366126	8250000	8999999
13	1066655	3	16.0	73	1168	1757	1643	9436476	9000000	9749999
14	538536	2	8.0	88	1430	1243	0	9979580	9750000	10499999
15	545319	3	13.0	88	1895	1939	1696	10527572	10500000	11249999
16	1433009	3	8.0	55	1529	1006	1728	11966111	11250000	11999999

Total number of pulses in waveform = 32

Waveform Num = 28
 Num of Bursts = 19
 Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	608184	1	12.0	73	1355	0	0	608184	0	631578
2	479807	3	15.0	90	1451	1382	1387	1089346	631579	1263157
3	327725	1	17.0	95	1535	0	0	1421291	1263158	1894736

New3RandParmBi n5

4	568617	1	19.0	82	1216	0	0	1991443	1894737	2526315
5	1027031	3	17.0	73	1879	1911	1805	3019690	2526316	3157894
6	736782	2	8.0	79	1697	1778	0	3762067	3157895	3789473
7	393476	1	5.0	69	1095	0	0	4159018	3789474	4421052
8	819441	2	6.0	63	1557	1890	0	4979554	4421053	5052631
9	372314	3	20.0	89	1525	1893	1223	5355315	5052632	5684210
10	345373	2	14.0	81	1607	1734	0	5705329	5684211	6315789
11	1222086	2	12.0	50	1407	1230	0	6930756	6315790	6947368
12	314197	1	6.0	94	1538	0	0	7247590	6947369	7578947
13	506055	2	15.0	74	1013	1292	0	7755183	7578948	8210526
14	957075	2	17.0	90	1173	1409	0	8714563	8210527	8842105
15	658580	3	20.0	83	1946	1078	1122	9375725	8842106	9473684
16	113237	2	13.0	58	1192	1770	0	9493108	9473685	10105263
17	1029479	3	9.0	91	1336	1853	1760	10525549	10105264	10736842
18	805170	1	11.0	63	1812	0	0	11335668	10736843	11368421
19	540684	2	17.0	54	1709	1613	0	11878164	11368422	12000000

Total number of pulses in waveform = 37

Waveform Num = 29
 Num of Bursts = 15
 Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	631284	1	9.0	56	1650	0	0	631284	0	799999
2	561077	1	10.0	55	1980	0	0	1194011	800000	1599999

New3RandParmBi n5

3	836093	2	12.0	89	1333	1461	0	2032084	1600000	2399999
4	666030	1	14.0	92	1214	0	0	2700908	2400000	3199999
5	745799	3	8.0	94	1875	1329	1565	3447921	3200000	3999999
6	925064	1	13.0	89	1771	0	0	4377754	4000000	4799999
7	499321	1	7.0	100	1424	0	0	4878846	4800000	5599999
8	871349	1	14.0	93	1230	0	0	5751619	5600000	6399999
9	999479	1	18.0	67	1015	0	0	6752328	6400000	7199999
10	1116927	2	16.0	80	1152	1216	0	7870270	7200000	7999999
11	663251	3	6.0	55	1705	1924	1046	8535889	8000000	8799999
12	515020	3	17.0	96	1209	1413	1798	9055584	8800000	9599999
13	972777	2	15.0	66	1344	1108	0	10032781	9600000	10399999
14	525079	2	5.0	68	1872	1629	0	10560312	10400000	11199999
15	765098	2	20.0	74	1260	1255	0	11328911	11200000	11999999

Total number of pulses in waveform = 26

Waveform Num = 30
 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	507844	2	19.0	56	1702	1063	0	507844	0	999999
2	1158714	1	17.0	74	1963	0	0	1669323	1000000	1999999
3	508634	3	10.0	89	1735	1902	1978	2179920	2000000	2999999
4	1349343	2	20.0	55	1615	1293	0	3534878	3000000	3999999
5	799596	3	16.0	66	1376	1150	1068	4337382	4000000	4999999

New3RandParmBin5										
6	712515	2	6.0	88	1992	1067	0	5053491	5000000	5999999
7	1396588	1	17.0	51	1233	0	0	6453138	6000000	6999999
8	609855	3	14.0	87	1519	1984	1041	7064226	7000000	7999999
9	1475900	3	5.0	55	1462	1527	1260	8544670	8000000	8999999
10	1344651	3	6.0	67	1868	1173	1713	9893570	9000000	9999999
11	549987	1	11.0	73	1224	0	0	10448311	10000000	10999999
12	1160951	1	11.0	81	1088	0	0	11610486	11000000	11999999
Total number of pulses in waveform = 25										

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