

New3RandParmBi n5

Random DFS waveform parameters (NewBi n5) 03-Jun-2015 11:39:18

Waveform Num = 1  
 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	726863	3	11.0	55	1554	1124	1403	726863	0	1090908
2	1138181	3	8.0	95	1179	1010	1487	1869125	1090909	2181817
3	1294778	3	14.0	69	1248	1917	1516	3167579	2181818	3272726
4	449514	3	18.0	98	1547	1934	1933	3621774	3272727	4363635
5	991061	1	8.0	67	1885	0	0	4618249	4363636	5454544
6	1514983	1	14.0	98	1416	0	0	6135117	5454545	6545453
7	972601	3	5.0	53	1169	1275	1386	7109134	6545454	7636362
8	766739	1	17.0	98	1916	0	0	7879703	7636363	8727271
9	1926279	3	6.0	55	1475	1759	1406	9807898	8727272	9818180
10	937402	3	8.0	87	1595	1290	1344	10749940	9818181	10909089
11	871489	1	19.0	96	1318	0	0	11625658	10909090	11999998

Total number of pulses in waveform = 25

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	111692	3	16.0	64	1258	1450	1112	111692	0	923076
2	1202359	2	16.0	61	1239	1276	0	1317871	923077	1846153
3	798455	3	17.0	68	1991	1771	1515	2118841	1846154	2769230

New3RandParmBin5

4	668708	1	16.0	73	1304	0	0	2792826	2769231	3692307
5	953770	1	8.0	89	1719	0	0	3747900	3692308	4615384
6	1434659	1	13.0	52	1829	0	0	5184278	4615385	5538461
7	692338	3	18.0	56	1953	1330	1672	5878445	5538462	6461538
8	1401628	2	10.0	86	1144	1211	0	7285028	6461539	7384615
9	260746	3	20.0	65	1393	1909	1246	7548129	7384616	8307692
10	1135554	1	12.0	76	1439	0	0	8688231	8307693	9230769
11	960513	1	12.0	87	1355	0	0	9650183	9230770	10153846
12	724183	1	18.0	92	1078	0	0	10375721	10153847	11076923
13	1005587	3	17.0	100	1071	1115	1686	11382386	11076924	12000000

Total number of pulses in waveform = 25

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1373163	3	5.0	88	1756	1885	1840	1373163	0	1499999
2	1329564	3	20.0	68	1083	1458	1216	2708208	1500000	2999999
3	1632572	2	17.0	53	1318	1656	0	4344537	3000000	4499999
4	625337	2	18.0	92	1402	1785	0	4972848	4500000	5999999
5	2267327	1	12.0	51	1887	0	0	7243362	6000000	7499999
6	1578604	1	6.0	93	1166	0	0	8823853	7500000	8999999
7	870900	1	8.0	51	1065	0	0	9695919	9000000	10499999
8	1148212	3	18.0	64	1542	1801	1263	10845196	10500000	11999999

New3RandParmBin5

Total number of pulses in waveform = 16

‡  
 Waveform Num = 4  
 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	374439	1	17.0	71	1557	0	0	374439	0	666666
2	370905	2	9.0	57	1947	1659	0	746901	666667	1333333
3	1070144	3	5.0	90	1434	1570	1391	1820651	1333334	2000000
4	693311	3	7.0	88	1993	1409	1246	2518357	2000001	2666667
5	677655	3	18.0	100	1674	1091	1688	3200660	2666668	3333334
6	698097	1	10.0	58	1292	0	0	3903210	3333335	4000001
7	230624	3	16.0	100	1654	1501	1224	4135126	4000002	4666668
8	957173	3	12.0	53	1270	1174	1155	5096678	4666669	5333335
9	495587	3	12.0	52	1790	1295	1910	5595864	5333336	6000002
10	907906	2	7.0	92	1769	1129	0	6508765	6000003	6666669
11	316991	3	10.0	53	1404	1546	1155	6828654	6666670	7333336
12	687840	2	10.0	91	1527	1808	0	7520599	7333337	8000003
13	938177	3	11.0	52	1796	1661	1963	8462111	8000004	8666670
14	637689	3	13.0	83	1819	1358	1285	9105220	8666671	9333337
15	663424	1	16.0	79	1370	0	0	9773106	9333338	10000004
16	833620	3	11.0	61	1943	1505	1981	10608096	10000005	10666671
17	677804	2	16.0	56	1417	1197	0	11291329	10666672	11333338
18	372047	2	10.0	85	1801	1060	0	11665990	11333339	12000005

New3RandParmBi n5

Total number of pulses in waveform = 43

♀  
 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	103094	2	14.0	52	1687	1447	0	103094	0	923076
2	1683318	2	12.0	93	1699	1102	0	1789546	923077	1846153
3	266803	3	14.0	56	1597	1369	1999	2059150	1846154	2769230
4	1498201	2	16.0	96	1198	1912	0	3562316	2769231	3692307
5	1025990	1	18.0	72	1639	0	0	4591416	3692308	4615384
6	695596	3	13.0	99	1164	1850	1468	5288651	4615385	5538461
7	1131220	2	17.0	80	2000	1476	0	6424353	5538462	6461538
8	208375	2	8.0	81	1580	1496	0	6636204	6461539	7384615
9	1232504	3	19.0	53	1898	1889	1300	7871784	7384616	8307692
10	1217985	2	9.0	86	1590	1074	0	9094856	8307693	9230769
11	1023880	2	10.0	100	1842	1706	0	10121400	9230770	10153846
12	223655	1	20.0	59	1446	0	0	10348603	10153847	11076923
13	1579297	1	8.0	53	1213	0	0	11929346	11076924	12000000

Total number of pulses in waveform = 26

♀  
 Waveform Num = 6  
 Num of Bursts = 13  
 Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	851340	2	10.0	65	1461	1739	0	851340	0	923076

New3RandParmBi n5

2	161505	2	16.0	50	1251	1263	0	1016045	923077	1846153
3	1084276	3	11.0	85	1602	1791	1091	2102835	1846154	2769230
4	1421539	1	14.0	62	1083	0	0	3528858	2769231	3692307
5	695775	2	16.0	68	1986	1518	0	4225716	3692308	4615384
6	806824	3	11.0	60	1976	1294	1505	5036044	4615385	5538461
7	1241070	1	10.0	98	1141	0	0	6281889	5538462	6461538
8	338614	1	9.0	53	1471	0	0	6621644	6461539	7384615
9	960465	1	6.0	53	1335	0	0	7583580	7384616	8307692
10	1505604	3	11.0	71	1712	1283	1667	9090519	8307693	9230769
11	247403	3	11.0	92	1408	1924	1368	9342584	9230770	10153846
12	1631607	2	14.0	89	1808	1443	0	10978891	10153847	11076923
13	497319	3	11.0	69	1950	1385	1580	11479461	11076924	12000000

Total number of pulses in waveform = 27

♀  
 Waveform Num = 7  
 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	324788	1	11.0	73	1643	0	0	324788	0	1333332
2	2243586	2	12.0	67	1947	1223	0	2570017	1333333	2666665
3	997589	2	5.0	99	1732	1669	0	3570776	2666666	3999998
4	1155924	1	13.0	74	1266	0	0	4730101	3999999	5333331
5	1180207	3	11.0	64	1469	1637	1564	5911574	5333332	6666664
6	1509394	3	18.0	56	1763	1665	1391	7425638	6666665	7999997

New3RandParmBin5

7	1807544	1	20.0	98	1942	0	0	9238001	7999998	9333330
8	1048334	2	18.0	81	1839	1000	0	10288277	9333331	10666663
9	569060	3	7.0	56	1869	1779	1434	10860176	10666664	11999996

Total number of pulses in waveform = 18

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	1226905	1	6.0	50	1935	0	0	1226905	0	1333332
2	306628	3	20.0	84	1368	1496	1166	1535468	1333333	2666665
3	2124892	2	7.0	50	1026	1088	0	3664390	2666666	3999998
4	1114114	2	8.0	57	1152	1859	0	4780618	3999999	5333331
5	593057	1	6.0	92	1675	0	0	5376686	5333332	6666664
6	2357316	2	12.0	64	1382	1252	0	7735677	6666665	7999997
7	882641	1	17.0	100	1787	0	0	8620952	7999998	9333330
8	1855380	3	20.0	74	1407	1535	1282	10478119	9333331	10666663
9	271462	1	20.0	56	1094	0	0	10753805	10666664	11999996

Total number of pulses in waveform = 16

‡  
 Waveform Num = 9  
 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	150248	2	12.0	64	1043	1994	0	150248	0	666666
2	1036305	2	10.0	69	1896	1174	0	1189590	666667	1333333

New3RandParmBin5

3	531532	1	7.0	78	1435	0	0	1724192	1333334	2000000
4	716158	2	17.0	100	1667	1979	0	2441785	2000001	2666667
5	350006	2	19.0	50	1643	1581	0	2795437	2666668	3333334
6	805578	3	15.0	95	1980	1324	1298	3604239	3333335	4000001
7	691923	3	15.0	100	1928	1001	1012	4300764	4000002	4666668
8	407597	2	19.0	84	1346	1809	0	4712302	4666669	5333335
9	707954	1	9.0	95	1800	0	0	5423411	5333336	6000002
10	593050	2	8.0	58	1690	1324	0	6018261	6000003	6666669
11	745223	3	14.0	50	1747	1147	1421	6766498	6666670	7333336
12	879382	1	7.0	89	1158	0	0	7650195	7333337	8000003
13	392274	1	11.0	74	1529	0	0	8043627	8000004	8666670
14	1129633	1	10.0	60	1918	0	0	9174789	8666671	9333337
15	426145	1	6.0	73	1952	0	0	9602852	9333338	10000004
16	812066	3	8.0	52	1756	1908	1632	10416870	10000005	10666671
17	615830	3	20.0	95	1592	1115	1626	11037996	10666672	11333338
18	646650	3	8.0	89	1679	1096	1781	11688979	11333339	12000005

Total number of pulses in waveform = 36

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	832672	3	14.0	67	1978	1160	1481	832672	0	1333332
2	660357	3	12.0	82	1388	1982	1537	1497648	1333333	2666665

New3RandParmBin5

3	1360772	3	5.0	55	1534	1868	1803	2863327	2666666	3999998
4	1956755	2	18.0	73	1030	1218	0	4825287	3999999	5333331
5	1325782	1	6.0	72	1072	0	0	6153317	5333332	6666664
6	1817417	2	10.0	60	1100	1217	0	7971806	6666665	7999997
7	311721	3	20.0	100	1989	1045	1705	8285844	7999998	9333330
8	2157184	2	10.0	82	1159	1024	0	10447767	9333331	10666663
9	727509	3	20.0	61	1741	1976	1859	11177459	10666664	11999996

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	306890	1	20.0	80	1490	0	0	306890	0	857142
2	711130	1	8.0	55	1699	0	0	1019510	857143	1714285
3	1496488	2	13.0	83	1461	1440	0	2517697	1714286	2571428
4	622072	1	5.0	91	1506	0	0	3142670	2571429	3428571
5	800551	1	17.0	72	1998	0	0	3944727	3428572	4285714
6	486082	2	10.0	67	1312	1129	0	4432807	4285715	5142857
7	1528276	2	14.0	76	1919	1861	0	5963524	5142858	6000000
8	688751	3	14.0	50	1582	1615	1004	6656055	6000001	6857143
9	668468	1	5.0	50	1933	0	0	7328724	6857144	7714286
10	789718	3	19.0	53	1634	1076	1536	8120375	7714287	8571429
11	729450	1	17.0	66	1915	0	0	8854071	8571430	9428572



New3RandParmBin5

12	1090831	2	14.0	66	1760	1554	0	9946817	9428573	10285715
13	690832	2	12.0	79	1978	1660	0	10640963	10285716	11142858
14	1100875	3	5.0	77	1133	1016	1888	11745476	11142859	12000001

Total number of pulses in waveform = 25

♀  
 Waveform Num = 12  
 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	1084750	1	9.0	83	1251	0	0	1084750	0	1090908
2	85241	1	7.0	66	1188	0	0	1171242	1090909	2181817
3	1560305	3	19.0	87	1836	1127	1828	2732735	2181818	3272726
4	1356621	2	15.0	68	1207	1604	0	4094147	3272727	4363635
5	897485	3	15.0	59	1919	1491	1349	4994443	4363636	5454544
6	972293	1	16.0	55	1267	0	0	5971495	5454545	6545453
7	1104739	3	19.0	68	1043	1570	1983	7077501	6545454	7636362
8	914957	2	14.0	82	1460	1793	0	7997054	7636363	8727271
9	1359062	2	20.0	67	1766	1287	0	9359369	8727272	9818180
10	674886	2	20.0	54	1543	1182	0	10037308	9818181	10909089
11	1920356	1	19.0	75	1044	0	0	11960389	10909090	11999998

Total number of pulses in waveform = 21

♀  
 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)
---------	---------------	----------	-------------	---------	------------------	------------------	------------------	----------------	---------------------------	-------------------------

New3RandParmBi n5

1	611541	3	5.0	93	1745	1249	1473	611541	0	631578
2	576550	3	11.0	83	1066	1360	1969	1192558	631579	1263157
3	675947	1	13.0	89	1450	0	0	1872900	1263158	1894736
4	482481	1	8.0	84	1791	0	0	2356831	1894737	2526315
5	657370	2	17.0	74	1641	1969	0	3015992	2526316	3157894
6	546749	3	8.0	81	1769	1510	1120	3566351	3157895	3789473
7	823649	3	6.0	75	1657	1795	1427	4394399	3789474	4421052
8	76831	2	8.0	92	1824	1218	0	4476109	4421053	5052631
9	581282	2	20.0	61	1346	1312	0	5060433	5052632	5684210
10	795599	3	9.0	69	1097	1149	1153	5858690	5684211	6315789
11	795685	3	19.0	62	1917	1088	1118	6657774	6315790	6947368
12	543020	3	13.0	54	1841	1893	1760	7204917	6947369	7578947
13	930752	3	10.0	90	1953	1846	1747	8141163	7578948	8210526
14	119294	2	9.0	70	1632	1373	0	8266003	8210527	8842105
15	1055788	2	11.0	86	1523	1622	0	9324796	8842106	9473684
16	723675	3	16.0	99	1310	1849	1865	10051616	9473685	10105263
17	96422	3	6.0	74	1574	1567	1244	10153062	10105264	10736842
18	1072189	3	20.0	63	1032	1172	1986	11229636	10736843	11368421
19	451579	1	8.0	68	1771	0	0	11685405	11368422	12000000

Total number of pulses in waveform = 46

‡  
 Waveform Num = 14  
 Num of Bursts = 10  
 Burst Interval (us) = 1200000.0

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	301270	3	14.0	56	1693	1024	1473	301270	0	1199999
2	1071238	1	7.0	60	1998	0	0	1376698	1200000	2399999
3	1393952	2	12.0	59	1066	1629	0	2772648	2400000	3599999
4	1650816	1	14.0	66	1228	0	0	4426159	3600000	4799999
5	547949	3	5.0	82	1062	1334	1175	4975336	4800000	5999999
6	1709875	3	14.0	88	1801	1685	1744	6688782	6000000	7199999
7	826026	2	16.0	88	1833	1013	0	7520038	7200000	8399999
8	983362	3	10.0	79	1864	1453	1820	8506246	8400000	9599999
9	1319996	3	20.0	94	1571	1093	1541	9831379	9600000	10799999
10	2111120	1	9.0	99	1696	0	0	11946704	10800000	11999999

Total number of pulses in waveform = 22

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	885227	3	7.0	56	1287	1761	1151	885227	0	999999
2	128878	2	7.0	71	1657	1893	0	1018304	1000000	1999999
3	1137577	1	8.0	93	1879	0	0	2159431	2000000	2999999
4	1232958	2	6.0	78	1266	1083	0	3394268	3000000	3999999
5	1315010	1	13.0	100	1902	0	0	4711627	4000000	4999999
6	1262149	1	5.0	69	1903	0	0	5975678	5000000	5999999
7	801033	2	8.0	90	1807	1635	0	6778614	6000000	6999999

New3RandParmBin5

8	536585	3	19.0	73	1882	1503	1307	7318641	7000000	7999999
9	1430263	1	6.0	99	1546	0	0	8753596	8000000	8999999
10	819599	1	5.0	63	1986	0	0	9574741	9000000	9999999
11	888069	2	19.0	72	1234	1254	0	10464796	10000000	10999999
12	851684	1	6.0	59	1426	0	0	11318968	11000000	11999999

Total number of pulses in waveform = 20

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	63802	1	9.0	96	1544	0	0	63802	0	666666
2	864990	1	9.0	59	1619	0	0	930336	666667	1333333
3	726579	1	18.0	81	1478	0	0	1658534	1333334	2000000
4	904305	1	6.0	100	1111	0	0	2564317	2000001	2666667
5	297686	1	18.0	67	1496	0	0	2863114	2666668	3333334
6	765402	2	14.0	73	1840	1019	0	3630012	3333335	4000001
7	767971	3	17.0	85	1038	1600	1004	4400842	4000002	4666668
8	873257	1	14.0	65	1842	0	0	5277741	4666669	5333335
9	287970	3	6.0	94	1197	1561	1007	5567553	5333336	6000002
10	504885	3	7.0	75	1185	1344	1648	6076203	6000003	6666669
11	776604	1	13.0	97	1317	0	0	6856984	6666670	7333336
12	713674	3	8.0	88	1038	1726	1377	7571975	7333337	8000003
13	473715	2	14.0	86	1858	1103	0	8049831	8000004	8666670

New3RandParmBin5

14	628034	1	10.0	72	1797	0	0	8680826	8666671	9333337
15	971926	1	14.0	52	1924	0	0	9654549	9333338	10000004
16	653452	2	11.0	75	1119	1671	0	10309925	10000005	10666671
17	445884	1	7.0	56	1582	0	0	10758599	10666672	11333338
18	1025546	2	18.0	78	1178	1547	0	11785727	11333339	12000005

Total number of pulses in waveform = 30

♀  
Waveform Num = 17  
Num of Bursts = 8  
Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	944393	3	20.0	88	1543	1018	1570	944393	0	1499999
2	917479	1	18.0	62	1372	0	0	1866003	1500000	2999999
3	1148057	3	6.0	62	1482	1953	1520	3015432	3000000	4499999
4	2775612	3	19.0	88	1532	1790	1981	5795999	4500000	5999999
5	606300	1	17.0	59	1487	0	0	6407602	6000000	7499999
6	1701644	2	13.0	56	1773	1241	0	8110733	7500000	8999999
7	899596	1	16.0	89	1013	0	0	9013343	9000000	10499999
8	2472628	1	13.0	83	1074	0	0	11486984	10500000	11999999

Total number of pulses in waveform = 15

♀  
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	531735	3	20.0	92	1057	1332	1842	531735	0	923076

New3RandParmBi n5

2	532668	3	20.0	75	1668	1628	1434	1068634	923077	1846153
3	1537054	3	16.0	59	1686	1668	1829	2610418	1846154	2769230
4	379924	3	14.0	95	1313	1494	1330	2995525	2769231	3692307
5	1299492	2	20.0	100	1298	1544	0	4299154	3692308	4615384
6	1157794	1	19.0	76	1779	0	0	5459790	4615385	5538461
7	757341	2	10.0	59	1022	1400	0	6218910	5538462	6461538
8	951701	1	8.0	55	1153	0	0	7173033	6461539	7384615
9	870965	2	8.0	86	1518	1677	0	8045151	7384616	8307692
10	699540	3	9.0	84	1141	1179	1856	8747886	8307693	9230769
11	1225628	1	8.0	79	1491	0	0	9977690	9230770	10153846
12	420690	3	10.0	91	1418	1017	1709	10399871	10153847	11076923
13	1144291	2	10.0	93	1048	1720	0	11548306	11076924	12000000

Total number of pulses in waveform = 29

♀  
 Waveform Num = 19  
 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	504769	3	9.0	95	1905	1076	1039	504769	0	666666
2	295435	1	19.0	97	1712	0	0	804224	666667	1333333
3	1023755	1	17.0	62	1246	0	0	1829691	1333334	2000000
4	319122	1	5.0	77	1311	0	0	2150059	2000001	2666667
5	1025910	1	8.0	63	1895	0	0	3177280	2666668	3333334
6	689389	3	10.0	69	1228	1978	1306	3868564	3333335	4000001

New3RandParmBi n5

7	521328	3	20.0	93	1673	1365	1457	4394404	4000002	4666668
8	279784	2	14.0	54	1168	1666	0	4678683	4666669	5333335
9	1268687	1	19.0	69	1230	0	0	5950204	5333336	6000002
10	290529	2	17.0	67	1928	1731	0	6241963	6000003	6666669
11	821503	1	5.0	50	1309	0	0	7067125	6666670	7333336
12	844160	1	15.0	58	1084	0	0	7912594	7333337	8000003
13	259431	2	12.0	55	1702	1371	0	8173109	8000004	8666670
14	600275	1	12.0	63	1900	0	0	8776457	8666671	9333337
15	1126179	2	18.0	92	1924	1033	0	9904536	9333338	10000004
16	415791	1	10.0	65	1019	0	0	10323284	10000005	10666671
17	681984	1	19.0	75	1736	0	0	11006287	10666672	11333338
18	701103	3	16.0	52	1909	1026	1745	11709126	11333339	12000005

Total number of pulses in waveform = 30

♀  
 Waveform Num = 20  
 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	451871	2	15.0	92	1372	1850	0	451871	0	705881
2	523043	2	9.0	52	1538	1642	0	978136	705882	1411763
3	828183	2	10.0	77	1689	1106	0	1809499	1411764	2117645
4	806864	3	16.0	82	1481	1118	1324	2619158	2117646	2823527
5	705267	1	14.0	72	1437	0	0	3328348	2823528	3529409
6	369534	2	8.0	96	1506	1507	0	3699319	3529410	4235291

New3RandParmBin5

7	564406	1	19.0	95	1235	0	0	4266738	4235292	4941173
8	842994	1	20.0	54	1448	0	0	5110967	4941174	5647055
9	965621	2	16.0	77	1624	1293	0	6078036	5647056	6352937
10	795963	2	8.0	54	1575	1482	0	6876916	6352938	7058819
11	294949	1	13.0	90	1056	0	0	7174922	7058820	7764701
12	807150	3	16.0	81	1953	1574	1454	7983128	7764702	8470583
13	731021	1	12.0	74	1343	0	0	8719130	8470584	9176465
14	620983	3	8.0	53	1483	1053	1063	9341456	9176466	9882347
15	703253	3	19.0	91	1763	1594	1294	10048308	9882348	10588229
16	1173113	3	18.0	62	1641	1335	1008	11226072	10588230	11294111
17	349999	2	9.0	68	1697	1655	0	11580055	11294112	11999993

Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	104000	2	19.0	50	1812	1452	0	104000	0	857142
2	1448342	3	12.0	65	1971	1898	1331	1555606	857143	1714285
3	989434	3	9.0	94	1642	1590	1502	2550240	1714286	2571428
4	596058	3	13.0	94	1867	1753	1245	3151032	2571429	3428571
5	991119	2	12.0	99	1927	1233	0	4147016	3428572	4285714
6	296867	3	7.0	58	1996	1365	1212	4447043	4285715	5142857
7	1232493	3	15.0	86	1496	1018	1591	5684109	5142858	6000000



New3RandParmBin5

8	454003	1	11.0	82	1739	0	0	6142217	6000001	6857143
9	1048075	3	15.0	55	1539	1125	1247	7192031	6857144	7714286
10	819152	2	20.0	87	1425	1241	0	8015094	7714287	8571429
11	856166	3	19.0	60	1553	1234	1731	8873926	8571430	9428572
12	1328120	3	6.0	57	1799	1281	1183	10206564	9428573	10285715
13	877386	3	15.0	57	1869	1168	1738	11088213	10285716	11142858
14	729168	3	5.0	83	1577	1256	1378	11822156	11142859	12000001

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	1101214	3	18.0	71	1752	1336	1323	1101214	0	1199999
2	249261	2	19.0	82	1715	1390	0	1354886	1200000	2399999
3	1859884	3	8.0	83	1253	1638	1623	3217875	2400000	3599999
4	434331	3	6.0	53	1909	1557	1984	3656720	3600000	4799999
5	1427784	1	19.0	66	1017	0	0	5089954	4800000	5999999
6	1219710	2	12.0	76	1288	1649	0	6310681	6000000	7199999
7	1769802	3	14.0	81	1044	1210	1796	8083420	7200000	8399999
8	506763	1	16.0	92	1711	0	0	8594233	8400000	9599999
9	1553695	3	8.0	93	1854	1765	1032	10149639	9600000	10799999
10	1071271	2	18.0	56	1395	1920	0	11225561	10800000	11999999

Total number of pulses in waveform = 23

♀

New3RandParmBi n5

Waveform Num = 23  
 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	797853	3	12.0	98	1099	1377	1294	797853	0	999999
2	485218	2	14.0	80	1868	1436	0	1286841	1000000	1999999
3	1218882	2	20.0	54	1321	1320	0	2509027	2000000	2999999
4	524909	1	9.0	78	1710	0	0	3036577	3000000	3999999
5	1296589	2	12.0	92	1415	1684	0	4334876	4000000	4999999
6	1085183	3	14.0	53	1852	1038	1108	5423158	5000000	5999999
7	950719	3	6.0	90	1245	1719	1667	6377875	6000000	6999999
8	660962	3	13.0	89	1608	1434	1678	7043468	7000000	7999999
9	1939328	1	15.0	75	1458	0	0	8987516	8000000	8999999
10	770250	2	19.0	56	1797	1816	0	9759224	9000000	9999999
11	663763	2	19.0	67	1884	1445	0	10426600	10000000	10999999
12	968110	3	8.0	80	1993	1862	1108	11398039	11000000	11999999

Total number of pulses in waveform = 27

♀  
 Waveform Num = 24  
 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	977389	1	13.0	63	1962	0	0	977389	0	1090908
2	1026821	2	5.0	71	1882	1009	0	2006172	1090909	2181817
3	187283	2	10.0	76	1716	1487	0	2196346	2181818	3272726

New3RandParmBi n5

4	1396066	1	16.0	63	1512	0	0	3595615	3272727	4363635
5	1065064	1	19.0	62	1706	0	0	4662191	4363636	5454544
6	1170675	1	7.0	97	1208	0	0	5834572	5454545	6545453
7	1305997	3	9.0	93	1717	1161	1698	7141777	6545454	7636362
8	934725	2	7.0	65	1690	1368	0	8081078	7636363	8727271
9	1119436	3	9.0	58	1685	1631	1011	9203572	8727272	9818180
10	1144771	2	17.0	91	1253	1275	0	10352670	9818181	10909089
11	905539	2	9.0	74	1017	1103	0	11260737	10909090	11999998

Total number of pulses in waveform = 20

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	354895	1	8.0	55	1146	0	0	354895	0	705881
2	867530	1	20.0	81	1977	0	0	1223571	705882	1411763
3	596798	3	6.0	62	1771	1301	1211	1822346	1411764	2117645
4	347875	3	9.0	71	1783	1686	1062	2174504	2117646	2823527
5	823939	1	12.0	78	1089	0	0	3002974	2823528	3529409
6	753067	3	8.0	84	1718	1909	1268	3757130	3529410	4235291
7	1146786	1	19.0	91	1607	0	0	4908811	4235292	4941173
8	229764	1	5.0	53	1870	0	0	5140182	4941174	5647055
9	831041	1	19.0	93	1818	0	0	5973093	5647056	6352937
10	790829	2	9.0	99	1935	1578	0	6765740	6352938	7058819

New3RandParmBin5

11	549611	1	10.0	86	1503	0	0	7318864	7058820	7764701
12	965388	1	18.0	79	1443	0	0	8285755	7764702	8470583
13	621667	2	7.0	52	1147	1435	0	8908865	8470584	9176465
14	268917	2	19.0	67	1861	1931	0	9180364	9176466	9882347
15	1047783	2	10.0	56	1959	1768	0	10231939	9882348	10588229
16	887583	1	18.0	99	1160	0	0	11123249	10588230	11294111
17	565822	1	13.0	81	1159	0	0	11690231	11294112	11999993

Total number of pulses in waveform = 27

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	205854	2	16.0	58	1020	1702	0	205854	0	631578
2	585733	3	7.0	99	1228	1651	1468	794309	631579	1263157
3	979617	1	9.0	94	1838	0	0	1778273	1263158	1894736
4	585125	1	13.0	59	1011	0	0	2365236	1894737	2526315
5	771482	3	8.0	72	1537	1232	1501	3137729	2526316	3157894
6	315966	1	8.0	81	1225	0	0	3457965	3157895	3789473
7	568666	3	5.0	88	1190	1840	1365	4027856	3789474	4421052
8	1001158	3	20.0	58	1878	1710	1352	5033409	4421053	5052631
9	423745	1	15.0	98	1092	0	0	5462094	5052632	5684210
10	830686	3	16.0	92	1866	1446	1344	6293872	5684211	6315789
11	392696	3	7.0	86	1165	1419	1614	6691224	6315790	6947368

New3RandParmBi n5

12	635989	1	8.0	75	1442	0	0	7331411	6947369	7578947
13	686137	1	16.0	81	1029	0	0	8018990	7578948	8210526
14	771920	1	10.0	98	1652	0	0	8791939	8210527	8842105
15	601437	3	16.0	90	1253	1892	1326	9395028	8842106	9473684
16	173967	1	8.0	61	1556	0	0	9573466	9473685	10105263
17	626884	1	13.0	55	1699	0	0	10201906	10105264	10736842
18	791973	1	20.0	100	1242	0	0	10995578	10736843	11368421
19	522110	3	14.0	78	1162	1318	1287	11518930	11368422	12000000

Total number of pulses in waveform = 36

♀  
 Waveform Num = 27  
 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	838125	2	17.0	85	1943	1647	0	838125	0	857142
2	189867	2	8.0	60	1794	1279	0	1031582	857143	1714285
3	766327	3	18.0	98	1061	1653	1316	1800982	1714286	2571428
4	913305	2	10.0	57	1182	1810	0	2718317	2571429	3428571
5	911798	2	9.0	86	1189	1417	0	3633107	3428572	4285714
6	698204	3	13.0	76	1509	1983	1420	4333917	4285715	5142857
7	977405	1	5.0	79	1598	0	0	5316234	5142858	6000000
8	822532	2	20.0	84	1756	1225	0	6140364	6000001	6857143
9	1364786	3	10.0	91	1218	1392	1910	7508131	6857144	7714286
10	439161	1	9.0	85	1475	0	0	7951812	7714287	8571429

New3RandParmBin5

11	1205382	2	13.0	64	1150	1231	0	9158669	8571430	9428572
12	919766	1	19.0	59	1112	0	0	10080816	9428573	10285715
13	965555	3	12.0	65	1442	1133	1689	11047483	10285716	11142858
14	375048	3	8.0	100	1487	1432	1935	11426795	11142859	12000001

Total number of pulses in waveform = 30

♀  
 Waveform Num = 28  
 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	1073590	2	11.0	61	1278	1592	0	1073590	0	1333332
2	911988	2	12.0	92	1264	1319	0	1988448	1333333	2666665
3	826831	3	14.0	84	1098	1404	1244	2817862	2666666	3999998
4	1621657	2	18.0	91	1565	1913	0	4443265	3999999	5333331
5	1645339	1	19.0	72	1204	0	0	6092082	5333332	6666664
6	1242039	2	17.0	75	1816	1482	0	7335325	6666665	7999997
7	968779	1	6.0	68	1453	0	0	8307402	7999998	9333330
8	1720815	1	16.0	75	1639	0	0	10029670	9333331	10666663
9	1504971	3	6.0	69	1197	1500	1585	11536280	10666664	11999996

Total number of pulses in waveform = 17

♀  
 Waveform Num = 29  
 Num of Bursts = 16  
 Burst Interval (us) = 750000.0

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	577275	1	10.0	90	1050	0	0	577275	0	749999

New3RandParmBin5

2	917158	2	9.0	78	1405	1671	0	1495483	750000	1499999
3	165755	2	5.0	58	1858	1421	0	1664314	1500000	2249999
4	1021639	2	20.0	55	1458	1576	0	2689232	2250000	2999999
5	965888	3	6.0	67	1010	1690	1858	3658154	3000000	3749999
6	210333	3	9.0	55	1133	1577	1436	3873045	3750000	4499999
7	770677	3	20.0	82	1604	1385	1138	4647868	4500000	5249999
8	1283996	1	20.0	87	1130	0	0	5935991	5250000	5999999
9	361617	1	20.0	84	1245	0	0	6298738	6000000	6749999
10	668508	1	9.0	89	1201	0	0	6968491	6750000	7499999
11	1066862	1	11.0	75	1289	0	0	8036554	7500000	8249999
12	394378	3	17.0	57	1504	1362	1800	8432221	8250000	8999999
13	984010	3	17.0	84	1133	1065	1427	9420897	9000000	9749999
14	333177	2	15.0	78	1709	1522	0	9757699	9750000	10499999
15	986007	2	15.0	57	1686	1729	0	10746937	10500000	11249999
16	992660	3	5.0	68	1553	1022	1619	11743012	11250000	11999999

Total number of pulses in waveform = 33

Waveform Num = 30  
 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	847584	3	18.0	52	1088	1699	1608	847584	0	1090908
2	1290002	1	10.0	87	1958	0	0	2141981	1090909	2181817
3	932730	2	9.0	80	1726	1718	0	3076669	2181818	3272726

New3RandParmBi n5										
4	357646	1	16.0	67	1410	0	0	3437759	3272727	4363635
5	1705740	2	17.0	86	1204	1330	0	5144909	4363636	5454544
6	425673	3	7.0	51	1899	1621	1835	5573116	5454545	6545453
7	1146606	3	18.0	82	1682	1784	1232	6725077	6545454	7636362
8	1721701	1	19.0	90	1363	0	0	8451476	7636363	8727271
9	312309	2	17.0	54	1096	1842	0	8765148	8727272	9818180
10	1663438	2	8.0	54	1343	1467	0	10431524	9818181	10909089
11	920762	2	18.0	51	1241	1690	0	11355096	10909090	11999998
Total number of pulses in waveform = 22										

♀



New3RandParmBin5

Random DFS waveform parameters (NewBin5) 03-Jun-2015 11:39:37

Waveform Num = 1  
 Num of Bursts = 17  
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	419490	2	11.0	96	1989	1196	0	419490	0	705881
2	351232	2	6.0	53	1654	1706	0	773907	705882	1411763
3	795977	2	10.0	90	1236	1172	0	1573244	1411764	2117645
4	772910	2	6.0	67	1140	1558	0	2348562	2117646	2823527
5	967453	1	9.0	82	1765	0	0	3318713	2823528	3529409
6	399056	1	11.0	81	1392	0	0	3719534	3529410	4235291
7	1080706	2	11.0	59	1930	1883	0	4801632	4235292	4941173
8	360254	1	15.0	61	1820	0	0	5165699	4941174	5647055
9	675302	2	12.0	87	1826	1178	0	5842821	5647056	6352937
10	584632	2	6.0	85	1631	1611	0	6430457	6352938	7058819
11	745576	2	11.0	83	1671	1553	0	7179275	7058820	7764701
12	771011	2	9.0	86	1017	1383	0	7953510	7764702	8470583
13	754840	1	19.0	59	1864	0	0	8710750	8470584	9176465
14	819454	1	10.0	62	1943	0	0	9532068	9176466	9882347
15	517433	1	17.0	66	1946	0	0	10051444	9882348	10588229
16	713457	2	15.0	96	1974	1399	0	10766847	10588230	11294111
17	899590	1	14.0	84	1275	0	0	11669810	11294112	11999993

Total number of pulses in waveform = 27

♀  
 Waveform Num = 2  
 Num of Bursts = 16  
 Burst Interval (us) = 750000.0

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	104922	2	8.0	74	1870	1997	0	104922	0	749999
2	741195	2	14.0	57	1609	1386	0	849984	750000	1499999
3	666256	1	8.0	71	1212	0	0	1519235	1500000	2249999
4	958852	3	6.0	68	1562	1730	1261	2479299	2250000	2999999
5	672036	2	19.0	77	1917	1606	0	3155888	3000000	3749999
6	1295614	1	9.0	99	1671	0	0	4455025	3750000	4499999
7	465504	2	19.0	69	1293	1636	0	4922200	4500000	5249999
8	757432	3	18.0	68	1867	1641	1373	5682561	5250000	5999999
9	821520	1	13.0	82	1687	0	0	6508962	6000000	6749999
10	871544	1	11.0	87	1543	0	0	7382193	6750000	7499999
11	595648	3	19.0	67	1114	1503	1043	7979384	7500000	8249999
12	880821	3	20.0	100	1538	1767	1528	8863865	8250000	8999999
13	803351	3	14.0	52	1951	1783	1053	9672049	9000000	9749999
14	194271	2	19.0	69	1051	1178	0	9871107	9750000	10499999
15	808166	3	6.0	66	1804	1457	1991	10681502	10500000	11249999
16	663784	2	17.0	53	1143	1630	0	11350538	11250000	11999999

Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	715363	2	6.0	64	1518	1497	0	715363	0	1333332
2	1904640	3	7.0	97	1402	1210	1745	2623018	1333333	2666665
3	102326	1	9.0	73	1276	0	0	2729701	2666666	3999998

New3RandParmBi n5

4	2098815	3	18.0	54	1940	1066	1629	4829792	3999999	5333331
5	1181617	1	8.0	95	1447	0	0	6016044	5333332	6666664
6	701795	2	16.0	82	1198	1507	0	6719286	6666665	7999997
7	1657681	2	18.0	67	1127	1787	0	8379672	7999998	9333330
8	966657	1	8.0	92	1437	0	0	9349243	9333331	10666663
9	2313643	2	14.0	89	1555	1394	0	11664323	10666664	11999996

Total number of pulses in waveform = 17

♀

Waveform Num = 4  
 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	1012991	3	13.0	88	1332	1483	1258	1012991	0	1499999
2	1163220	2	15.0	99	1664	1879	0	2180284	1500000	2999999
3	1161244	2	19.0	50	1171	1771	0	3345071	3000000	4499999
4	1168128	3	13.0	57	1038	1192	1059	4516141	4500000	5999999
5	2243745	2	9.0	75	1046	1719	0	6763175	6000000	7499999
6	978811	1	17.0	56	1694	0	0	7744751	7500000	8999999
7	1840450	1	17.0	88	1437	0	0	9586895	9000000	10499999
8	2079224	3	9.0	65	1721	1246	1955	11667556	10500000	11999999

Total number of pulses in waveform = 17

♀

Waveform Num = 5  
 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	889910	2	18.0	62	1711	1489	0	889910	0	1499999
2	2083077	2	19.0	76	1579	1221	0	2976187	1500000	2999999

New3RandParmBin5

3	711230	1	13.0	69	1133	0	0	3690217	3000000	4499999
4	1684216	3	16.0	56	1288	1495	1927	5375566	4500000	5999999
5	1411041	1	15.0	68	1979	0	0	6791317	6000000	7499999
6	934283	1	13.0	88	1354	0	0	7727579	7500000	8999999
7	2047584	2	7.0	70	1800	1398	0	9776517	9000000	10499999
8	1888349	3	14.0	82	1226	1651	1423	11668064	10500000	11999999

Total number of pulses in waveform = 15

♀

Waveform Num = 6

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	477693	3	14.0	85	1463	1231	1250	477693	0	666666
2	647777	2	17.0	82	1067	1856	0	1129414	666667	1333333
3	381582	2	12.0	52	1978	1046	0	1513919	1333334	2000000
4	601208	3	5.0	86	1757	1898	1465	2118151	2000001	2666667
5	1153335	3	6.0	81	1264	1000	1253	3276606	2666668	3333334
6	110123	1	12.0	50	1623	0	0	3390246	3333335	4000001
7	1070612	1	12.0	78	1040	0	0	4462481	4000002	4666668
8	773268	2	13.0	77	1619	1994	0	5236789	4666669	5333335
9	297989	1	10.0	86	1821	0	0	5538391	5333336	6000002
10	793573	3	17.0	56	1923	1940	1299	6333785	6000003	6666669
11	744779	2	12.0	90	1542	1419	0	7083726	6666670	7333336
12	529778	2	6.0	99	1997	1865	0	7616465	7333337	8000003
13	589917	3	11.0	55	1372	1183	1527	8210244	8000004	8666670
14	799978	3	18.0	54	1860	1708	1467	9014304	8666671	9333337

New3RandParmBin5

15	953808	1	13.0	78	1732	0	0	9973147	9333338	10000004
16	101415	1	8.0	60	1868	0	0	10076294	10000005	10666671
17	1130731	2	7.0	81	1988	1686	0	11208893	10666672	11333338
18	406902	2	14.0	99	1615	1907	0	11619469	11333339	12000005

Total number of pulses in waveform = 37

♀

Waveform Num = 7  
 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	862374	3	7.0	94	1819	1397	1737	862374	0	999999
2	136977	2	6.0	90	1081	1216	0	1004304	1000000	1999999
3	1861269	1	6.0	92	1643	0	0	2867870	2000000	2999999
4	648674	1	7.0	85	1041	0	0	3518187	3000000	3999999
5	764005	2	5.0	87	1814	1731	0	4283233	4000000	4999999
6	896443	1	10.0	93	1258	0	0	5183221	5000000	5999999
7	1122629	3	12.0	54	1858	1341	1738	6307108	6000000	6999999
8	1310442	1	17.0	59	1767	0	0	7622487	7000000	7999999
9	1084575	3	10.0	52	1118	1047	1792	8708829	8000000	8999999
10	1177893	2	15.0	99	1474	1487	0	9890679	9000000	9999999
11	677275	1	20.0	68	1601	0	0	10570915	10000000	10999999
12	759310	2	18.0	51	1831	1444	0	11331826	11000000	11999999

Total number of pulses in waveform = 22

♀

Waveform Num = 8  
 Num of Bursts = 18  
 Burst Interval (us) = 666667.0

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

New3RandParmBi n5

1	427795	3	5.0	84	1421	1739	1805	427795	0	666666
2	614493	1	6.0	50	1354	0	0	1047253	666667	1333333
3	809596	1	13.0	87	1107	0	0	1858203	1333334	2000000
4	418228	2	7.0	59	1263	1070	0	2277538	2000001	2666667
5	649676	1	15.0	57	1226	0	0	2929547	2666668	3333334
6	591734	3	17.0	95	1368	1429	1229	3522507	3333335	4000001
7	663082	1	19.0	84	1495	0	0	4189615	4000002	4666668
8	476481	1	5.0	81	1822	0	0	4667591	4666669	5333335
9	913285	1	8.0	87	1931	0	0	5582698	5333336	6000002
10	1021580	2	13.0	53	1506	1433	0	6606209	6000003	6666669
11	306268	1	7.0	80	1420	0	0	6915416	6666670	7333336
12	738274	3	10.0	80	1263	1341	1048	7655110	7333337	8000003
13	640539	1	11.0	61	1382	0	0	8299301	8000004	8666670
14	660219	3	19.0	61	1117	1053	1287	8960902	8666671	9333337
15	411724	2	19.0	79	1069	1469	0	9376083	9333338	10000004
16	955656	2	17.0	60	1608	1775	0	10334277	10000005	10666671
17	744506	1	14.0	53	1966	0	0	11082166	10666672	11333338
18	523514	2	5.0	66	1389	1246	0	11607646	11333339	12000005

Total number of pulses in waveform = 31

Waveform Num = 9  
 Num of Bursts = 20  
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	153598	2	10.0	88	1650	1033	0	153598	0	599999
2	572765	3	5.0	62	1715	1645	1823	729046	600000	1199999

New3RandParmBi n5

3	494715	3	13.0	94	1226	1481	1102	1228944	1200000	1799999
4	853393	2	18.0	64	1130	1512	0	2086146	1800000	2399999
5	898321	1	13.0	79	1257	0	0	2987109	2400000	2999999
6	601087	1	5.0	91	1358	0	0	3589453	3000000	3599999
7	514424	1	18.0	69	1380	0	0	4105235	3600000	4199999
8	246476	3	5.0	81	1646	1896	1259	4353091	4200000	4799999
9	594019	1	10.0	59	1375	0	0	4951911	4800000	5399999
10	609506	2	11.0	59	1255	1289	0	5562792	5400000	5999999
11	875659	2	7.0	54	1302	1323	0	6440995	6000000	6599999
12	356828	1	6.0	69	1922	0	0	6800448	6600000	7199999
13	598376	2	19.0	63	1727	1542	0	7400746	7200000	7799999
14	445446	1	19.0	91	1785	0	0	7849461	7800000	8399999
15	617850	3	7.0	68	1736	1940	1477	8469096	8400000	8999999
16	1041161	1	17.0	70	1155	0	0	9515410	9000000	9599999
17	588762	3	13.0	94	1680	1128	1830	10105327	9600000	10199999
18	96133	1	20.0	52	1790	0	0	10206098	10200000	10799999
19	1007354	1	14.0	76	1536	0	0	11215242	10800000	11399999
20	592428	1	16.0	99	1825	0	0	11809206	11400000	11999999

Total number of pulses in waveform = 35

♀

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	63663	2	13.0	96	1872	1624	0	63663	0	599999
2	635144	2	7.0	88	1001	1126	0	702303	600000	1199999

New3RandParmBi n5

3	555194	2	17.0	89	1724	1728	0	1259624	1200000	1799999
4	770782	2	9.0	76	1632	1267	0	2033858	1800000	2399999
5	596137	2	16.0	57	1272	1102	0	2632894	2400000	2999999
6	684151	2	12.0	81	1424	1108	0	3319419	3000000	3599999
7	432412	3	15.0	52	1887	1411	1438	3754363	3600000	4199999
8	736998	3	19.0	90	1870	1988	1991	4496097	4200000	4799999
9	540719	3	8.0	65	1203	1629	1761	5042665	4800000	5399999
10	528945	3	8.0	81	1958	1374	1225	5576203	5400000	5999999
11	792125	3	7.0	88	1229	1809	1323	6372885	6000000	6599999
12	495749	2	14.0	78	1776	1400	0	6872995	6600000	7199999
13	358619	2	16.0	81	1790	2000	0	7234790	7200000	7799999
14	1128272	1	6.0	85	1889	0	0	8366852	7800000	8399999
15	267589	1	8.0	76	1589	0	0	8636330	8400000	8999999
16	474785	2	13.0	57	1590	1505	0	9112704	9000000	9599999
17	818767	3	17.0	94	1174	1476	1001	9934566	9600000	10199999
18	384394	1	17.0	53	1703	0	0	10322611	10200000	10799999
19	597230	3	15.0	55	1434	1479	1780	10921544	10800000	11399999
20	950087	1	7.0	95	1180	0	0	11876324	11400000	11999999

Total number of pulses in waveform = 43

♀

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	246068	1	14.0	68	1742	0	0	246068	0	1199999
2	1050014	1	16.0	57	1847	0	0	1297824	1200000	2399999



New3RandParmBi n5

3	1781624	1	6.0	51	1654	0	0	3081295	2400000	3599999
4	536911	3	5.0	81	1342	1427	1561	3619860	3600000	4799999
5	1697501	1	19.0	92	1584	0	0	5321691	4800000	5999999
6	995802	3	7.0	58	1510	1232	1676	6319077	6000000	7199999
7	1153412	1	13.0	85	1483	0	0	7476907	7200000	8399999
8	942387	2	15.0	95	1978	1224	0	8420777	8400000	9599999
9	1287537	1	16.0	53	1671	0	0	9711516	9600000	10799999
10	2100878	2	17.0	98	1177	1030	0	11814065	10800000	11999999

Total number of pulses in waveform = 16

♀

Waveform Num = 12

Num of Bursts = 20

Burst Interval (us) = 600000.0

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	21352	3	10.0	68	1349	1093	1637	21352	0	599999
2	938038	2	16.0	69	1387	1457	0	963469	600000	1199999
3	518627	2	9.0	70	1264	1818	0	1484940	1200000	1799999
4	360316	1	11.0	67	1891	0	0	1848338	1800000	2399999
5	1067062	3	10.0	95	1571	1811	1262	2917291	2400000	2999999
6	275150	2	12.0	70	1595	1209	0	3197085	3000000	3599999
7	699375	2	11.0	94	1657	1857	0	3899264	3600000	4199999
8	752623	1	11.0	61	1375	0	0	4655401	4200000	4799999
9	718390	3	12.0	61	1139	1493	1302	5375166	4800000	5399999
10	558889	1	5.0	62	1068	0	0	5937989	5400000	5999999
11	64879	3	12.0	96	1916	1449	1124	6003936	6000000	6599999
12	705841	1	6.0	96	1116	0	0	6714266	6600000	7199999

New3RandParmBi n5

13	816856	2	5.0	56	1583	1029	0	7532238	7200000	7799999
14	305089	3	5.0	77	1878	1012	1229	7839939	7800000	8399999
15	905136	2	9.0	74	1706	1500	0	8749194	8400000	8999999
16	553497	2	15.0	84	1796	1055	0	9305897	9000000	9599999
17	431040	2	11.0	50	1578	1521	0	9739788	9600000	10199999
18	831954	3	15.0	86	1536	1387	1596	10574841	10200000	10799999
19	715332	1	13.0	94	1486	0	0	11294692	10800000	11399999
20	562674	1	13.0	80	1539	0	0	11858852	11400000	11999999

Total number of pulses in waveform = 40

♀

Waveform Num = 13

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	71123	1	6.0	71	1751	0	0	71123	0	999999
2	1689403	3	19.0	90	1751	1280	1724	1762277	1000000	1999999
3	1214490	2	14.0	65	1700	1687	0	2981522	2000000	2999999
4	717364	3	9.0	91	1259	1016	1647	3702273	3000000	3999999
5	1026373	1	5.0	86	1847	0	0	4732568	4000000	4999999
6	445774	1	10.0	58	1628	0	0	5180189	5000000	5999999
7	1511167	1	12.0	67	1423	0	0	6692984	6000000	6999999
8	779584	1	6.0	63	1298	0	0	7473991	7000000	7999999
9	1182162	2	18.0	59	1150	1413	0	8657451	8000000	8999999
10	1204528	1	18.0	54	1591	0	0	9864542	9000000	9999999
11	685036	3	18.0	69	1659	1306	1439	10551169	10000000	10999999
12	642412	3	7.0	80	1838	1327	1696	11197985	11000000	11999999

New3RandParmBi n5

Total number of pulses in waveform = 22

‡

Waveform Num = 14

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	453824	3	13.0	88	1488	1822	1665	453824	0	599999
2	269487	3	15.0	76	1350	1268	1653	728286	600000	1199999
3	986897	2	10.0	63	1298	1496	0	1719454	1200000	1799999
4	626110	2	20.0	81	1533	1258	0	2348358	1800000	2399999
5	121942	2	20.0	82	1774	1558	0	2473091	2400000	2999999
6	840565	3	15.0	55	1222	1943	1537	3316988	3000000	3599999
7	484929	2	10.0	73	1456	1537	0	3806619	3600000	4199999
8	876195	2	9.0	88	1693	1623	0	4685807	4200000	4799999
9	621435	3	11.0	51	1544	1237	1660	5310558	4800000	5399999
10	461248	1	17.0	85	1858	0	0	5776247	5400000	5999999
11	477627	3	14.0	56	1860	1930	1088	6255732	6000000	6599999
12	374547	2	13.0	57	1964	1039	0	6635157	6600000	7199999
13	710455	3	6.0	59	1313	1026	1742	7348615	7200000	7799999
14	534124	1	9.0	73	1042	0	0	7886820	7800000	8399999
15	947128	1	9.0	73	1304	0	0	8834990	8400000	8999999
16	490680	1	9.0	53	1961	0	0	9326974	9000000	9599999
17	496935	1	6.0	94	1423	0	0	9825870	9600000	10199999
18	768689	2	13.0	81	1168	1079	0	10595982	10200000	10799999
19	341833	3	7.0	100	1292	1203	1049	10940062	10800000	11399999
20	803411	1	16.0	85	1149	0	0	11747017	11400000	11999999

New3RandParmBin5

Total number of pulses in waveform = 41

♀  
 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	1073188	1	18.0	65	1631	0	0	1073188	0	1199999
2	1124231	2	8.0	72	1884	1295	0	2199050	1200000	2399999
3	735241	3	13.0	99	1778	1773	1481	2937470	2400000	3599999
4	755917	2	11.0	66	1579	1162	0	3698419	3600000	4799999
5	1137328	3	5.0	92	1809	1343	1056	4838488	4800000	5999999
6	1500504	2	13.0	87	1622	1741	0	6343200	6000000	7199999
7	1302631	1	20.0	88	1777	0	0	7649194	7200000	8399999
8	1222509	2	5.0	57	1673	1924	0	8873480	8400000	9599999
9	1882378	3	17.0	69	1015	1591	1945	10759455	9600000	10799999
10	1202902	2	7.0	84	1392	1592	0	11966908	10800000	11999999

Total number of pulses in waveform = 21

♀  
 Waveform Num = 16  
 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	1494578	3	19.0	69	1278	1688	1015	1494578	0	1499999
2	503615	1	9.0	70	1394	0	0	2002174	1500000	2999999
3	1913118	3	13.0	70	1669	1992	1499	3916686	3000000	4499999
4	1430765	3	17.0	71	1879	1140	1913	5352611	4500000	5999999
5	860717	2	15.0	55	1059	1514	0	6218260	6000000	7499999
6	2456401	3	15.0	62	1968	1283	1628	8677234	7500000	8999999

New3RandParmBin5

7 684860 2 7.0 79 1736 1302 0 9366973 9000000 10499999  
 8 2369694 3 10.0 60 1122 1108 1753 11739705 10500000 11999999

Total number of pulses in waveform = 20

♀  
 Waveform Num = 17  
 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	809574	1	18.0	63	1102	0	0	809574	0	1199999
2	1100240	1	17.0	84	1612	0	0	1910916	1200000	2399999
3	767131	1	10.0	57	1354	0	0	2679659	2400000	3599999
4	1946431	3	5.0	77	1395	1060	1479	4627444	3600000	4799999
5	447536	3	10.0	69	1976	1020	1399	5078914	4800000	5999999
6	1273074	2	11.0	58	1498	1127	0	6356383	6000000	7199999
7	1524765	2	10.0	100	1774	1237	0	7883773	7200000	8399999
8	1397687	1	20.0	54	1571	0	0	9284471	8400000	9599999
9	1463426	2	6.0	97	1812	1095	0	10749468	9600000	10799999
10	340422	3	6.0	70	1874	1443	1444	11092797	10800000	11999999

Total number of pulses in waveform = 19

♀  
 Waveform Num = 18  
 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	397397	3	11.0	73	1472	1108	1920	397397	0	857142
2	633909	1	8.0	80	1067	0	0	1035806	857143	1714285
3	993180	2	6.0	69	1694	1202	0	2030053	1714286	2571428
4	990008	2	7.0	52	1151	1126	0	3022957	2571429	3428571

New3RandParmBin5

5	1232774	2	16.0	100	1218	1600	0	4258008	3428572	4285714
6	209151	1	6.0	67	1604	0	0	4469977	4285715	5142857
7	1099602	3	16.0	91	1344	1332	1936	5571183	5142858	6000000
8	1191279	2	15.0	50	1716	1962	0	6767074	6000001	6857143
9	139517	3	20.0	71	1735	1841	1034	6910269	6857144	7714286
10	1209794	1	5.0	83	1748	0	0	8124673	7714287	8571429
11	1059893	2	9.0	80	1235	1000	0	9186314	8571430	9428572
12	322498	3	12.0	65	1236	1794	1475	9511047	9428573	10285715
13	1430961	3	16.0	82	1293	1283	1850	10946513	10285716	11142858
14	1021599	2	7.0	87	1247	1855	0	11972538	11142859	12000001

Total number of pulses in waveform = 30

♀

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	550372	1	20.0	95	1380	0	0	550372	0	923076
2	542803	3	15.0	74	1517	1489	1764	1094555	923077	1846153
3	895955	1	10.0	56	1869	0	0	1995280	1846154	2769230
4	865077	1	17.0	78	1454	0	0	2862226	2769231	3692307
5	1167572	3	18.0	65	1696	1572	1653	4031252	3692308	4615384
6	816706	2	11.0	56	1606	1987	0	4852879	4615385	5538461
7	1228986	1	7.0	52	1669	0	0	6085458	5538462	6461538
8	842982	2	11.0	92	1978	1214	0	6930109	6461539	7384615
9	648259	3	16.0	51	1184	1927	1417	7581560	7384616	8307692
10	924617	3	19.0	76	1868	1354	1628	8510705	8307693	9230769

New3RandParmBi n5

11	794667	2	14.0	98	1125	1077	0	9310222	9230770	10153846
12	1543151	1	19.0	71	1612	0	0	10855575	10153847	11076923
13	665061	3	14.0	93	1565	1171	1978	11522248	11076924	12000000

Total number of pulses in waveform = 26

♀

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	318979	2	16.0	54	1458	1254	0	318979	0	666666
2	954148	2	16.0	96	1171	1967	0	1275839	666667	1333333
3	677218	1	20.0	53	1671	0	0	1956195	1333334	2000000
4	182118	1	16.0	90	1697	0	0	2139984	2000001	2666667
5	711770	1	12.0	72	1189	0	0	2853451	2666668	3333334
6	777271	1	10.0	71	1241	0	0	3631911	3333335	4000001
7	1025453	3	14.0	76	1844	1295	1332	4658605	4000002	4666668
8	250909	3	17.0	57	1641	1444	1494	4913985	4666669	5333335
9	695899	1	14.0	62	1093	0	0	5614463	5333336	6000002
10	794943	2	15.0	96	1459	1091	0	6410499	6000003	6666669
11	448152	1	20.0	51	1247	0	0	6861201	6666670	7333336
12	901080	3	18.0	70	1091	1707	1328	7763528	7333337	8000003
13	689214	3	13.0	77	1771	1474	1977	8456868	8000004	8666670
14	835807	1	15.0	66	1731	0	0	9297897	8666671	9333337
15	200319	1	11.0	85	1877	0	0	9499947	9333338	10000004
16	1107509	3	15.0	86	1053	1403	1263	10609333	10000005	10666671
17	111505	2	6.0	60	1232	1651	0	10724557	10666672	11333338

New3RandParmBin5

754966  
 18 3 18.0 59 1401 1205 1036 11482406 11333339 12000005  
 Total number of pulses in waveform = 34

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	185362	2	6.0	67	1174	1740	0	185362	0	857142
2	1291038	2	13.0	70	1764	1831	0	1479314	857143	1714285
3	373171	3	18.0	59	1017	1646	1282	1856080	1714286	2571428
4	1328982	1	17.0	86	1433	0	0	3189007	2571429	3428571
5	241889	2	9.0	92	1507	1663	0	3432329	3428572	4285714
6	1202301	2	7.0	82	1598	1845	0	4637800	4285715	5142857
7	1271453	3	12.0	86	1516	1105	1631	5912696	5142858	6000000
8	661687	3	7.0	68	1276	1656	1784	6578635	6000001	6857143
9	873021	2	9.0	85	1648	1297	0	7456372	6857144	7714286
10	453829	1	11.0	60	1829	0	0	7913146	7714287	8571429
11	1210564	1	13.0	86	1498	0	0	9125539	8571430	9428572
12	1149671	2	17.0	69	1472	1756	0	10276708	9428573	10285715
13	64149	3	19.0	68	1541	1529	1908	10344085	10285716	11142858
14	1499960	3	14.0	57	1802	1701	1495	11849023	11142859	12000001

Total number of pulses in waveform = 30

‡  
 Waveform Num = 22  
 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	459155	2	7.0	94	1490	1679	0	459155	0	857142



New3RandParmBi n5

2	945055	3	14.0	62	1719	1153	1720	1407379	857143	1714285
3	381489	1	8.0	83	1011	0	0	1793460	1714286	2571428
4	1165175	3	17.0	86	1632	1293	1029	2959646	2571429	3428571
5	754926	1	15.0	95	1740	0	0	3718526	3428572	4285714
6	803744	1	10.0	50	1002	0	0	4524010	4285715	5142857
7	1313311	2	18.0	56	1034	1078	0	5838323	5142858	6000000
8	421090	2	14.0	64	1866	1340	0	6261525	6000001	6857143
9	1107382	1	15.0	96	1011	0	0	7372113	6857144	7714286
10	482605	2	13.0	99	1956	1370	0	7855729	7714287	8571429
11	1247532	2	6.0	93	1496	1127	0	9106587	8571430	9428572
12	414763	1	14.0	95	1840	0	0	9523973	9428573	10285715
13	851783	2	18.0	58	1702	1800	0	10377596	10285716	11142858
14	1315816	1	7.0	90	1038	0	0	11696914	11142859	12000001

Total number of pulses in waveform = 24

‡  
 Waveform Num = 23  
 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	414423	3	19.0	91	1303	1823	1986	414423	0	923076
2	1170673	3	12.0	56	1524	1570	1178	1590208	923077	1846153
3	976605	2	13.0	66	1625	1695	0	2571085	1846154	2769230
4	544140	2	16.0	69	1230	1106	0	3118545	2769231	3692307
5	949717	1	6.0	94	1586	0	0	4070598	3692308	4615384
6	1367722	3	9.0	93	1516	1649	1051	5439906	4615385	5538461
7	389133	2	18.0	78	1209	1764	0	5833255	5538462	6461538

New3RandParmBin5

8	1011622	3	17.0	91	1766	1079	1242	6847850	6461539	7384615
9	1228987	3	10.0	88	1480	1597	1681	8080924	7384616	8307692
10	1046427	3	8.0	66	1552	1443	1950	9132109	8307693	9230769
11	824954	1	19.0	68	1375	0	0	9962008	9230770	10153846
12	1050981	2	19.0	79	1010	1604	0	11014364	10153847	11076923
13	618127	2	7.0	79	1053	1441	0	11635105	11076924	12000000

Total number of pulses in waveform = 30

♀

Waveform Num = 24

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	583606	2	5.0	73	1796	1218	0	583606	0	923076
2	731947	3	17.0	74	1590	1087	1858	1318567	923077	1846153
3	1083835	1	5.0	69	1505	0	0	2406937	1846154	2769230
4	1123120	3	12.0	86	1731	1410	1864	3531562	2769231	3692307
5	270592	2	16.0	66	1885	1388	0	3807159	3692308	4615384
6	1273429	1	7.0	93	1349	0	0	5083861	4615385	5538461
7	1322327	3	10.0	78	1511	1657	1308	6407537	5538462	6461538
8	272062	2	11.0	55	1091	1898	0	6684075	6461539	7384615
9	1532511	1	17.0	77	1075	0	0	8219575	7384616	8307692
10	107398	1	13.0	85	1057	0	0	8328048	8307693	9230769
11	912286	1	8.0	100	1488	0	0	9241391	9230770	10153846
12	1105229	2	5.0	65	1238	1726	0	10348108	10153847	11076923
13	1451543	2	16.0	55	1719	1702	0	11802615	11076924	12000000

Total number of pulses in waveform = 24

♀

New3RandParmBi n5

Waveform Num = 25  
 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	497319	1	9.0	56	1860	0	0	497319	0	749999
2	650405	2	17.0	55	1742	1262	0	1149584	750000	1499999
3	723994	1	20.0	71	1482	0	0	1876582	1500000	2249999
4	927158	1	16.0	75	1507	0	0	2805222	2250000	2999999
5	841483	2	10.0	99	1209	1854	0	3648212	3000000	3749999
6	573538	3	17.0	87	1556	1074	1066	4224813	3750000	4499999
7	890395	1	5.0	92	1123	0	0	5118904	4500000	5249999
8	452471	2	11.0	60	1770	1871	0	5572498	5250000	5999999
9	960108	1	20.0	54	1441	0	0	6536247	6000000	6749999
10	349824	1	18.0	88	1832	0	0	6887512	6750000	7499999
11	764164	3	16.0	81	1434	1053	1785	7653508	7500000	8249999
12	1057255	1	19.0	93	1663	0	0	8715035	8250000	8999999
13	817722	1	17.0	89	1530	0	0	9534420	9000000	9749999
14	633745	2	19.0	53	1326	1103	0	10169695	9750000	10499999
15	745831	1	18.0	61	1629	0	0	10917955	10500000	11249999
16	865507	2	17.0	70	1003	1992	0	11785091	11250000	11999999

Total number of pul ses i n waveform = 25

‡

Waveform Num = 26  
 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	350290	1	19.0	69	1925	0	0	350290	0	705881

New3RandParmBi n5

2	470739	1	8.0	97	1251	0	0	822954	705882	1411763
3	1205531	1	16.0	81	1503	0	0	2029736	1411764	2117645
4	200796	3	13.0	92	1539	1701	1557	2232035	2117646	2823527
5	1021573	3	14.0	53	1017	1080	1701	3258405	2823528	3529409
6	313083	3	17.0	69	1958	1037	1339	3575286	3529410	4235291
7	1202777	2	20.0	89	1733	1019	0	4782397	4235292	4941173
8	342709	2	11.0	85	1372	1518	0	5127858	4941174	5647055
9	885649	2	6.0	53	1642	1000	0	6016397	5647056	6352937
10	684104	1	13.0	54	1762	0	0	6703143	6352938	7058819
11	683228	3	14.0	82	1849	1999	1076	7388133	7058820	7764701
12	957488	1	14.0	54	1011	0	0	8350545	7764702	8470583
13	722739	1	12.0	56	1834	0	0	9074295	8470584	9176465
14	295733	3	10.0	89	1553	1249	1717	9371862	9176466	9882347
15	854096	1	20.0	85	1703	0	0	10230477	9882348	10588229
16	858715	1	9.0	94	1334	0	0	11090895	10588230	11294111
17	690200	3	19.0	78	1720	1002	1769	11782429	11294112	11999993

Total number of pulses in waveform = 32

‡

Waveform Num = 27

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	240081	2	17.0	65	1917	1205	0	240081	0	666666
2	522435	3	18.0	86	1964	1299	1023	765638	666667	1333333
3	1056007	3	12.0	61	1254	1669	1589	1825931	1333334	2000000
4	546282	2	20.0	82	1026	1720	0	2376725	2000001	2666667

New3RandParmBi n5

5	586835	1	11.0	63	1474	0	0	2966306	2666668	3333334
6	504666	3	20.0	86	1156	1312	1091	3472446	3333335	4000001
7	828813	2	7.0	93	1860	1094	0	4304818	4000002	4666668
8	536057	3	5.0	58	1252	1436	1285	4843829	4666669	5333335
9	836863	3	10.0	81	1593	1003	1300	5684665	5333336	6000002
10	828981	2	17.0	96	1211	1030	0	6517542	6000003	6666669
11	505985	1	8.0	97	1038	0	0	7025768	6666670	7333336
12	351909	3	14.0	54	1756	1017	1985	7378715	7333337	8000003
13	1266328	2	18.0	83	1570	1835	0	8649801	8000004	8666670
14	355227	3	15.0	81	1690	1839	1696	9008433	8666671	9333337
15	393893	3	11.0	73	1805	1458	1692	9407551	9333338	10000004
16	748693	2	18.0	91	1923	1713	0	10161199	10000005	10666671
17	634958	1	17.0	80	1325	0	0	10799793	10666672	11333338
18	544740	1	10.0	96	1059	0	0	11345858	11333339	12000005

Total number of pulses in waveform = 40

Waveform Num = 28  
 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	508451	2	18.0	52	1247	1104	0	508451	0	799999
2	826869	1	6.0	81	1828	0	0	1337671	800000	1599999
3	938506	2	15.0	93	1438	2000	0	2278005	1600000	2399999
4	874143	1	12.0	87	1512	0	0	3155586	2400000	3199999
5	429325	2	17.0	77	1848	1985	0	3586423	3200000	3999999
6	936168	1	5.0	71	1960	0	0	4526424	4000000	4799999

New3RandParmBi n5

7	302944	1	7.0	91	1829	0	0	4831328	4800000	5599999
8	1140276	1	10.0	69	1630	0	0	5973433	5600000	6399999
9	1049707	3	18.0	52	1482	1920	1089	7024770	6400000	7199999
10	796800	3	18.0	97	1011	1776	1687	7826061	7200000	7999999
11	316944	2	15.0	90	1590	1555	0	8147479	8000000	8799999
12	971285	2	16.0	98	1516	1163	0	9121909	8800000	9599999
13	548018	1	8.0	98	1851	0	0	9672606	9600000	10399999
14	1390700	2	20.0	89	1017	1580	0	11065157	10400000	11199999
15	327291	2	15.0	100	1093	1835	0	11395045	11200000	11999999

Total number of pulses in waveform = 26

♀

Waveform Num = 29

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	28473	3	9.0	78	1487	1661	1619	28473	0	1090908
2	1270718	3	19.0	75	1744	1436	1488	1303958	1090909	2181817
3	1366749	3	15.0	54	1825	1057	1089	2675375	2181818	3272726
4	1549634	3	7.0	75	1734	1012	1158	4228980	3272727	4363635
5	773163	3	15.0	77	1198	1872	1505	5006047	4363636	5454544
6	563244	3	11.0	54	1859	1804	1558	5573866	5454545	6545453
7	1710816	3	5.0	67	1628	1334	1095	7289903	6545454	7636362
8	540865	3	11.0	84	1830	1569	1952	7834825	7636363	8727271
9	1344319	2	20.0	67	1216	1538	0	9184495	8727272	9818180
10	1196519	3	17.0	92	1212	1274	1634	10383768	9818181	10909089
11	1514735	1	7.0	90	1088	0	0	11902623	10909090	11999998

New3RandParmBin5

Total number of pulses in waveform = 30

‡

Waveform Num = 30

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	423368	1	17.0	90	1488	0	0	423368	0	666666
2	847655	3	8.0	51	1225	1098	1842	1272511	666667	1333333
3	280234	1	7.0	95	1797	0	0	1556910	1333334	2000000
4	800738	3	15.0	76	1583	1633	1871	2359445	2000001	2666667
5	822347	2	7.0	94	1875	1551	0	3186879	2666668	3333334
6	689657	2	18.0	85	1722	1372	0	3879962	3333335	4000001
7	318855	1	20.0	56	1118	0	0	4201911	4000002	4666668
8	498546	1	14.0	73	1303	0	0	4701575	4666669	5333335
9	771553	3	7.0	68	1010	1360	1537	5474431	5333336	6000002
10	781167	2	5.0	84	1735	1572	0	6259505	6000003	6666669
11	813964	1	16.0	80	1684	0	0	7076776	6666670	7333336
12	799508	3	6.0	95	1445	1312	1189	7877968	7333337	8000003
13	548068	3	10.0	79	1306	1138	1824	8429982	8000004	8666670
14	243183	1	8.0	57	1091	0	0	8677433	8666671	9333337
15	1195429	1	16.0	73	1164	0	0	9873953	9333338	10000004
16	160933	1	9.0	90	1338	0	0	10036050	10000005	10666671
17	860837	1	18.0	82	1991	0	0	10898225	10666672	11333338
18	627275	1	9.0	95	1942	0	0	11527491	11333339	12000005

Total number of pulses in waveform = 31

‡

New3RandParmBi n5

Random DFS waveform parameters (NewBi n5) 03-Jun-2015 11:39:57

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	236742	3	17.0	74	1506	1912	1345	236742	0	923076
2	727313	3	10.0	94	1990	1568	1670	968818	923077	1846153
3	963593	1	9.0	51	1198	0	0	1937639	1846154	2769230
4	1108156	3	14.0	65	1916	1556	1472	3046993	2769231	3692307
5	1496113	2	15.0	73	1696	1065	0	4548050	3692308	4615384
6	984674	2	7.0	80	1466	1422	0	5535485	4615385	5538461
7	746623	2	8.0	72	1698	1530	0	6284996	5538462	6461538
8	1050448	1	6.0	53	1339	0	0	7338672	6461539	7384615
9	524507	1	11.0	75	1519	0	0	7864518	7384616	8307692
10	627708	1	16.0	68	1525	0	0	8493745	8307693	9230769
11	1189638	3	14.0	70	1111	1324	1888	9684908	9230770	10153846
12	1269484	2	12.0	87	1344	1394	0	10958715	10153847	11076923
13	835973	2	12.0	83	1358	1906	0	11797426	11076924	12000000

Total number of pulses in waveform = 26

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	251724	3	10.0	58	1807	1400	1971	251724	0	1333332



New3RandParmBi n5

2	2123088	3	15.0	72	1952	1827	1921	2379990	1333333	2666665
3	347411	2	12.0	67	1473	1981	0	2733101	2666666	3999998
4	2523997	1	13.0	54	1179	0	0	5260552	3999999	5333331
5	168939	1	10.0	81	1161	0	0	5430670	5333332	6666664
6	1769062	1	15.0	63	1870	0	0	7200893	6666665	7999997
7	1452112	1	18.0	66	1898	0	0	8654875	7999998	9333330
8	1565486	2	20.0	90	1135	1080	0	10222259	9333331	10666663
9	826992	1	11.0	91	1173	0	0	11051466	10666664	11999996

Total number of pulses in waveform = 15

♀  
 Waveform Num = 3  
 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	1780	1	17.0	100	1895	0	0	1780	0	666666
2	1027112	2	13.0	76	1002	1900	0	1030787	666667	1333333
3	307815	3	17.0	87	1293	1840	1198	1341504	1333334	2000000
4	919983	1	17.0	62	1555	0	0	2265818	2000001	2666667
5	955238	2	14.0	89	1849	1256	0	3222611	2666668	3333334
6	606255	2	10.0	96	1551	1068	0	3831971	3333335	4000001
7	340781	1	15.0	77	1531	0	0	4175371	4000002	4666668
8	890111	3	20.0	88	1810	1548	1757	5067013	4666669	5333335
9	849828	1	8.0	53	1630	0	0	5921956	5333336	6000002
10	323585	1	16.0	59	1885	0	0	6247171	6000003	6666669

New3RandParmBi n5

11	935737	1	16.0	82	1047	0	0	7184793	6666670	7333336
12	646740	1	17.0	98	1679	0	0	7832580	7333337	8000003
13	740497	1	9.0	88	1189	0	0	8574756	8000004	8666670
14	342692	2	20.0	61	1768	1950	0	8918637	8666671	9333337
15	1040393	3	18.0	86	1949	1343	1537	9962748	9333338	10000004
16	627285	1	19.0	78	1527	0	0	10594862	10000005	10666671
17	172688	1	7.0	88	1937	0	0	10769077	10666672	11333338
18	639916	2	5.0	98	1768	1250	0	11410930	11333339	12000005

Total number of pulses in waveform = 29

♀  
 Waveform Num = 4  
 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	267724	1	19.0	72	1679	0	0	267724	0	799999
2	548296	3	12.0	84	1003	1933	1033	817699	800000	1599999
3	969085	1	19.0	74	1953	0	0	1790753	1600000	2399999
4	1337363	1	18.0	67	1792	0	0	3130069	2400000	3199999
5	566980	1	9.0	51	1595	0	0	3698841	3200000	3999999
6	311345	2	19.0	91	1617	1021	0	4011781	4000000	4799999
7	1172354	1	20.0	72	1319	0	0	5186773	4800000	5599999
8	1125020	3	6.0	89	1730	1101	1968	6313112	5600000	6399999
9	287656	2	12.0	87	1771	1496	0	6605567	6400000	7199999
10	840611	1	10.0	78	1553	0	0	7449445	7200000	7999999

New3RandParmBin5

11	1116864	1	20.0	59	1714	0	0	8567862	8000000	8799999
12	448478	2	15.0	98	1864	1336	0	9018054	8800000	9599999
13	872518	2	13.0	99	1365	1769	0	9893772	9600000	10399999
14	881576	2	10.0	98	1761	1089	0	10778482	10400000	11199999
15	479369	3	16.0	97	1232	1914	1594	11260701	11200000	11999999

Total number of pulses in waveform = 26

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	202889	2	6.0	60	1652	1747	0	202889	0	599999
2	875713	3	16.0	52	1485	1976	1196	1082001	600000	1199999
3	650430	3	20.0	76	1148	1204	1175	1737088	1200000	1799999
4	444688	2	12.0	94	1816	1686	0	2185303	1800000	2399999
5	290529	3	13.0	52	1000	1391	1151	2479334	2400000	2999999
6	862064	2	20.0	83	1777	1571	0	3344940	3000000	3599999
7	265003	2	12.0	58	1390	1010	0	3613291	3600000	4199999
8	711918	2	18.0	53	1132	1405	0	4327609	4200000	4799999
9	585567	3	18.0	65	1411	1751	1030	4915713	4800000	5399999
10	1059597	3	16.0	63	1465	1587	1514	5979502	5400000	5999999
11	424216	3	5.0	76	1770	1606	1679	6408284	6000000	6599999
12	389265	2	18.0	80	1877	1945	0	6802604	6600000	7199999
13	958164	2	13.0	71	1335	1903	0	7764590	7200000	7799999

New3RandParmBin5

14	549965	3	5.0	91	1154	1090	1552	8317793	7800000	8399999
15	116357	1	16.0	68	1759	0	0	8437946	8400000	8999999
16	868358	3	10.0	99	1343	1411	1400	9308063	9000000	9599999
17	830678	3	10.0	100	1052	1841	1281	10142895	9600000	10199999
18	595385	3	15.0	66	1690	1925	1813	10742454	10200000	10799999
19	571471	1	16.0	93	1632	0	0	11319353	10800000	11399999
20	321914	3	5.0	78	1690	1230	1225	11642899	11400000	11999999

Total number of pulses in waveform = 49

Waveform Num = 6  
 Num of Bursts = 17  
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	587171	2	9.0	76	1738	1065	0	587171	0	705881
2	723290	1	6.0	67	1667	0	0	1313264	705882	1411763
3	715936	1	14.0	85	1498	0	0	2030867	1411764	2117645
4	434834	1	13.0	70	1477	0	0	2467199	2117646	2823527
5	970496	2	18.0	84	1631	1462	0	3439172	2823528	3529409
6	626770	3	16.0	56	1819	1368	1943	4069035	3529410	4235291
7	610697	2	9.0	88	1781	1653	0	4684862	4235292	4941173
8	615372	1	15.0	89	1888	0	0	5303668	4941174	5647055
9	414885	3	10.0	54	1928	1829	1710	5720441	5647056	6352937
10	708158	3	18.0	67	1002	1602	1576	6434066	6352938	7058819
11	859998	1	14.0	52	1631	0	0	7298244	7058820	7764701

New3RandParmBin5

12	589793	2	17.0	98	1551	1843	0	7889668	7764702	8470583
13	836207	1	19.0	74	1916	0	0	8729269	8470584	9176465
14	932932	1	13.0	100	1261	0	0	9664117	9176466	9882347
15	500480	1	18.0	54	1137	0	0	10165858	9882348	10588229
16	577710	2	19.0	81	1748	1263	0	10744705	10588230	11294111
17	737879	2	8.0	64	1413	1434	0	11485595	11294112	11999993

Total number of pulses in waveform = 29

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	640363	1	8.0	97	1053	0	0	640363	0	749999
2	328604	2	8.0	93	1696	1232	0	970020	750000	1499999
3	598476	1	16.0	89	1471	0	0	1571424	1500000	2249999
4	807875	1	8.0	89	1909	0	0	2380770	2250000	2999999
5	1229451	3	5.0	51	1659	1418	1557	3612130	3000000	3749999
6	213071	3	10.0	79	1075	1437	1617	3829835	3750000	4499999
7	816674	2	15.0	51	1287	1857	0	4650638	4500000	5249999
8	604223	1	17.0	50	1134	0	0	5258005	5250000	5999999
9	996652	2	10.0	90	1510	1378	0	6255791	6000000	6749999
10	705098	3	12.0	78	1109	1960	1311	6963777	6750000	7499999
11	535607	3	15.0	86	1903	1518	1909	7503764	7500000	8249999
12	1174685	2	14.0	80	1606	1185	0	8683779	8250000	8999999

New3RandParmBin5

13	603731	3	17.0	77	1144	1887	1571	9290301	9000000	9749999
14	1118782	1	11.0	51	1238	0	0	10413685	9750000	10499999
15	708301	2	9.0	100	1332	1819	0	11123224	10500000	11249999
16	223981	2	19.0	70	1353	1167	0	11350356	11250000	11999999

Total number of pulses in waveform = 32

Waveform Num = 8  
 Num of Bursts = 20  
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	274409	1	15.0	85	1265	0	0	274409	0	599999
2	824854	2	16.0	92	1592	1512	0	1100528	600000	1199999
3	136494	3	17.0	81	1003	1035	1657	1240126	1200000	1799999
4	942842	3	19.0	57	1395	1294	1261	2186663	1800000	2399999
5	472071	3	8.0	51	1103	1551	1911	2662684	2400000	2999999
6	912181	2	20.0	90	1846	1559	0	3579430	3000000	3599999
7	350446	2	8.0	65	1704	1575	0	3933281	3600000	4199999
8	715655	3	15.0	77	1424	1225	1401	4652215	4200000	4799999
9	201841	2	13.0	69	1800	1283	0	4858106	4800000	5399999
10	853224	1	18.0	85	1311	0	0	5714413	5400000	5999999
11	390458	2	16.0	92	1884	1357	0	6106182	6000000	6599999
12	852010	2	20.0	54	1072	1811	0	6961433	6600000	7199999
13	337746	3	18.0	96	1844	1932	1497	7302062	7200000	7799999
14	1046858	1	14.0	97	1854	0	0	8354193	7800000	8399999

New3RandParmBi n5

15	107222	1	6.0	55	1837	0	0	8463269	8400000	8999999
16	907184	3	10.0	99	1416	1264	1888	9372290	9000000	9599999
17	581471	1	10.0	94	1545	0	0	9958329	9600000	10199999
18	631977	2	9.0	99	1725	1335	0	10591851	10200000	10799999
19	620052	1	6.0	98	1633	0	0	11214963	10800000	11399999
20	219760	2	15.0	81	1854	1478	0	11436356	11400000	11999999

Total number of pulses in waveform = 40

♀  
 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	545132	3	20.0	94	1959	1717	1058	545132	0	1499999
2	1177792	1	8.0	71	1875	0	0	1727658	1500000	2999999
3	2635544	3	10.0	61	1487	1262	1175	4365077	3000000	4499999
4	729620	1	15.0	76	1643	0	0	5098621	4500000	5999999
5	1100842	2	8.0	57	1624	1830	0	6201106	6000000	7499999
6	2719107	1	20.0	93	1496	0	0	8923667	7500000	8999999
7	872841	1	13.0	96	1022	0	0	9798004	9000000	10499999
8	1137608	2	14.0	93	1288	1304	0	10936634	10500000	11999999

Total number of pulses in waveform = 14

♀  
 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)
---------	---------------	----------	-------------	---------	------------------	------------------	------------------	----------------	---------------------------	-------------------------

New3RandParmBi n5

1	359660	2	12.0	95	1931	1421	0	359660	0	999999
2	1476796	2	13.0	82	1448	1342	0	1839808	1000000	1999999
3	761226	2	6.0	95	1354	1481	0	2603824	2000000	2999999
4	875310	3	5.0	84	1311	1667	1118	3481969	3000000	3999999
5	1505034	3	10.0	75	1141	1353	1140	4991099	4000000	4999999
6	130387	2	10.0	77	1864	1051	0	5125120	5000000	5999999
7	1018749	2	5.0	55	1476	1695	0	6146784	6000000	6999999
8	1603134	3	18.0	80	1635	1507	1373	7753089	7000000	7999999
9	963994	3	9.0	55	1530	1539	1284	8721598	8000000	8999999
10	455201	1	7.0	72	1569	0	0	9181152	9000000	9999999
11	1766295	3	11.0	59	1847	1563	1719	10949016	10000000	10999999
12	447611	1	16.0	100	1713	0	0	11401756	11000000	11999999

Total number of pulses in waveform = 27

♀  
 Waveform Num = 11  
 Num of Bursts = 19  
 Burst Interval (us) = 631579.0

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	12295	3	9.0	66	1442	1687	1525	12295	0	631578
2	785839	2	5.0	84	1239	1797	0	802788	631579	1263157
3	531901	2	19.0	54	1745	1512	0	1337725	1263158	1894736
4	881106	2	10.0	94	1630	1032	0	2222088	1894737	2526315
5	776302	3	16.0	59	1110	1488	1807	3001052	2526316	3157894
6	245973	3	18.0	56	1016	1585	1930	3251430	3157895	3789473



New3RandParmBi n5

7	806821	3	14.0	94	1879	1130	1579	4062782	3789474	4421052
8	967153	3	14.0	73	1062	1093	1424	5034523	4421053	5052631
9	340459	1	10.0	55	1271	0	0	5378561	5052632	5684210
10	508520	3	8.0	96	1939	1094	1909	5888352	5684211	6315789
11	635332	3	9.0	69	1668	1201	1654	6528626	6315790	6947368
12	666608	1	7.0	74	1259	0	0	7199757	6947369	7578947
13	776521	2	5.0	74	1397	1951	0	7977537	7578948	8210526
14	804682	3	9.0	60	1127	1993	1315	8785567	8210527	8842105
15	268298	2	14.0	65	1433	1393	0	9058300	8842106	9473684
16	642533	1	12.0	79	1369	0	0	9703659	9473685	10105263
17	464186	2	8.0	83	1526	1405	0	10169214	10105264	10736842
18	582305	1	11.0	94	1698	0	0	10754450	10736843	11368421
19	1128067	1	8.0	82	1444	0	0	11884215	11368422	12000000

Total number of pulses in waveform = 41

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	493115	1	17.0	76	1153	0	0	493115	0	799999
2	1005391	3	13.0	72	1194	1005	1271	1499659	800000	1599999
3	741787	1	5.0	94	1142	0	0	2244916	1600000	2399999
4	236858	2	7.0	73	1130	1680	0	2482916	2400000	3199999
5	1364963	3	6.0	56	1852	1055	1965	3850689	3200000	3999999

New3RandParmBin5

6	193727	3	20.0	65	1044	1534	1988	4049288	4000000	4799999
7	1144734	2	8.0	79	1971	1701	0	5198588	4800000	5599999
8	932460	1	17.0	81	1437	0	0	6134720	5600000	6399999
9	747356	1	18.0	56	1587	0	0	6883513	6400000	7199999
10	1093519	1	19.0	70	1289	0	0	7978619	7200000	7999999
11	747361	3	11.0	57	1033	1311	1708	8727269	8000000	8799999
12	113724	1	6.0	63	1422	0	0	8845045	8800000	9599999
13	1465405	3	10.0	68	1983	1512	1384	10311872	9600000	10399999
14	373360	2	11.0	77	1183	1275	0	10690111	10400000	11199999
15	675868	1	11.0	94	1459	0	0	11368437	11200000	11999999

Total number of pulses in waveform = 28

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	505072	3	16.0	97	1032	1129	1822	505072	0	799999
2	843922	2	9.0	51	2000	1420	0	1352977	800000	1599999
3	301621	3	20.0	54	1816	1317	1535	1658018	1600000	2399999
4	973661	1	17.0	93	1345	0	0	2636347	2400000	3199999
5	1017272	2	5.0	99	1819	1311	0	3654964	3200000	3999999
6	553264	3	6.0	55	1187	1213	1432	4211358	4000000	4799999
7	1005483	3	20.0	68	1301	1888	1171	5220673	4800000	5599999
8	535142	2	5.0	57	1449	1551	0	5760175	5600000	6399999

New3RandParmBin5

9	979984	2	5.0	67	1005	1396	0	6743159	6400000	7199999
10	483330	3	5.0	51	1418	1769	1042	7228890	7200000	7999999
11	1378882	3	14.0	70	1082	1024	1169	8612001	8000000	8799999
12	904470	1	20.0	82	1512	0	0	9519746	8800000	9599999
13	296066	3	11.0	82	1035	1714	1226	9817324	9600000	10399999
14	798326	3	6.0	89	1950	1412	1123	10619625	10400000	11199999
15	1069582	3	10.0	90	1847	1402	1899	11693692	11200000	11999999

Total number of pulses in waveform = 37

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	686077	3	11.0	72	1330	1230	1736	686077	0	799999
2	490058	1	10.0	50	1625	0	0	1180431	800000	1599999
3	1212097	1	12.0	96	1630	0	0	2394153	1600000	2399999
4	31968	1	8.0	56	1729	0	0	2427751	2400000	3199999
5	1277978	2	8.0	64	1455	1679	0	3707458	3200000	3999999
6	965333	2	7.0	78	1831	1315	0	4675925	4000000	4799999
7	299632	3	13.0	65	1957	1310	1503	4978703	4800000	5599999
8	1231379	2	5.0	99	1657	1301	0	6214852	5600000	6399999
9	580699	3	12.0	62	1168	1404	1873	6798509	6400000	7199999
10	1118075	1	11.0	95	1640	0	0	7921029	7200000	7999999
11	866720	2	16.0	73	1381	1181	0	8789389	8000000	8799999

New3RandParmBin5

12	533460	2	9.0	72	1464	1671	0	9325411	8800000	9599999
13	346256	3	10.0	88	1453	1816	1894	9674802	9600000	10399999
14	1165452	3	17.0	99	1742	1182	1820	10845417	10400000	11199999
15	1112997	2	18.0	57	1342	1654	0	11963158	11200000	11999999

Total number of pulses in waveform = 31

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	448826	1	9.0	81	1544	0	0	448826	0	705881
2	950281	3	10.0	76	1443	1147	1985	1400651	705882	1411763
3	298755	1	11.0	70	1654	0	0	1703981	1411764	2117645
4	841587	2	11.0	58	1008	1336	0	2547222	2117646	2823527
5	314715	2	19.0	92	1987	1725	0	2864281	2823528	3529409
6	1175685	1	18.0	74	1328	0	0	4043678	3529410	4235291
7	642566	3	8.0	70	1115	1903	1425	4687572	4235292	4941173
8	503925	1	13.0	93	1547	0	0	5195940	4941174	5647055
9	1027551	3	8.0	53	1945	1275	1586	6225038	5647056	6352937
10	606505	1	11.0	99	1652	0	0	6836349	6352938	7058819
11	458113	2	17.0	58	1905	1177	0	7296114	7058820	7764701
12	780074	3	12.0	53	1463	1549	1788	8079270	7764702	8470583
13	1051198	3	18.0	51	1531	1457	1173	9135268	8470584	9176465
14	253611	2	15.0	71	1094	1326	0	9393040	9176466	9882347

New3RandParmBin5

15	769261	1	16.0	59	1429	0	0	10164721	9882348	10588229
16	997561	3	16.0	87	1018	1026	1131	11163711	10588230	11294111
17	392979	3	11.0	72	1689	1495	1933	11559865	11294112	11999993

Total number of pulses in waveform = 35

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	624758	1	17.0	85	1372	0	0	624758	0	749999
2	357950	3	6.0	66	1999	1688	1036	984080	750000	1499999
3	799076	3	19.0	83	1334	1406	1874	1787879	1500000	2249999
4	1122479	2	10.0	60	1343	1926	0	2914972	2250000	2999999
5	292457	3	18.0	66	1767	1156	1857	3210698	3000000	3749999
6	1175053	2	6.0	52	1250	1455	0	4390531	3750000	4499999
7	599394	3	16.0	90	1839	1366	1637	4992630	4500000	5249999
8	745882	2	10.0	84	1213	1107	0	5743354	5250000	5999999
9	760691	3	8.0	84	1108	1002	1354	6506365	6000000	6749999
10	487522	1	11.0	53	1029	0	0	6997351	6750000	7499999
11	931420	2	15.0	59	1347	1184	0	7929800	7500000	8249999
12	525849	3	12.0	77	1325	1506	1367	8458180	8250000	8999999
13	1096324	2	20.0	69	1045	1175	0	9558702	9000000	9749999
14	293700	2	11.0	69	1722	1611	0	9854622	9750000	10499999
15	1272951	1	10.0	99	1452	0	0	11130906	10500000	11249999

New3RandParmBin5

16 326115 1 5.0 70 1992 0 0 11458473 11250000 11999999  
 Total number of pulses in waveform = 34

♀  
 Waveform Num = 17  
 Num of Bursts = 8  
 Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	768120	3	15.0	83	1857	1916	1231	768120	0	1499999
2	1765115	1	9.0	58	1230	0	0	2538239	1500000	2999999
3	1218686	2	5.0	55	1431	1476	0	3758155	3000000	4499999
4	1301001	2	18.0	72	1057	1238	0	5062063	4500000	5999999
5	1976546	2	15.0	52	1895	1693	0	7040904	6000000	7499999
6	828181	1	17.0	57	1277	0	0	7872673	7500000	8999999
7	2241556	3	13.0	68	1313	1856	1555	10115506	9000000	10499999
8	1507257	3	8.0	74	1661	1788	1318	11627487	10500000	11999999

Total number of pulses in waveform = 17

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	203667	1	6.0	52	1602	0	0	203667	0	999999
2	975679	2	14.0	87	1632	1199	0	1180948	1000000	1999999
3	1306822	1	8.0	63	1972	0	0	2490601	2000000	2999999
4	1395323	1	18.0	84	1925	0	0	3887896	3000000	3999999
5	452376	3	16.0	88	1992	1833	1354	4342197	4000000	4999999

New3RandParmBin5

6	735862	1	13.0	51	1832	0	0	5083238	5000000	5999999
7	1667474	1	20.0	81	1373	0	0	6752544	6000000	6999999
8	917472	2	7.0	78	1165	1619	0	7671389	7000000	7999999
9	1192670	1	17.0	95	1736	0	0	8866843	8000000	8999999
10	891558	1	15.0	88	1954	0	0	9760137	9000000	9999999
11	439331	1	16.0	69	1437	0	0	10201422	10000000	10999999
12	1316593	3	10.0	62	1728	1102	1114	11519452	11000000	11999999

Total number of pulses in waveform = 18

♀  
 Waveform Num = 19  
 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	230142	3	6.0	98	1628	1674	1867	230142	0	1199999
2	1274175	3	19.0	100	1770	1821	1038	1509486	1200000	2399999
3	1159386	3	5.0	70	1192	1011	1067	2673501	2400000	3599999
4	1155552	3	14.0	65	1648	1651	1487	3832323	3600000	4799999
5	1753189	2	10.0	63	1444	1980	0	5590298	4800000	5999999
6	1278363	3	16.0	87	1956	1869	1127	6872085	6000000	7199999
7	946611	2	11.0	51	1424	1615	0	7823648	7200000	8399999
8	1558591	3	6.0	86	1331	1325	1183	9385278	8400000	9599999
9	634914	1	19.0	93	1220	0	0	10024031	9600000	10799999
10	1119499	1	17.0	53	1486	0	0	11144750	10800000	11999999

Total number of pulses in waveform = 24

♀

New3RandParmBin5

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

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	407183	2	5.0	76	1939	1882	0	407183	0	923076
2	808498	3	18.0	63	1694	1174	1284	1219502	923077	1846153
3	708220	2	17.0	67	1736	1812	0	1931874	1846154	2769230
4	1115750	3	13.0	74	1635	1285	1098	3051172	2769231	3692307
5	638931	2	20.0	66	1686	1102	0	3694121	3692308	4615384
6	1656540	3	12.0	99	1018	1964	1204	5353449	4615385	5538461
7	1016120	2	20.0	62	1984	1457	0	6373755	5538462	6461538
8	833687	2	6.0	61	1181	1533	0	7210883	6461539	7384615
9	177034	1	7.0	78	1725	0	0	7390631	7384616	8307692
10	1493483	1	8.0	55	1701	0	0	8885839	8307693	9230769
11	685289	3	13.0	90	1739	1540	1822	9572829	9230770	10153846
12	875270	1	13.0	87	1819	0	0	10453200	10153847	11076923
13	681851	3	12.0	99	1296	1385	1413	11136870	11076924	12000000

Total number of pulses in waveform = 28

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

Burst #	Off Time (us)	# 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	1034902	2	16.0	71	1170	1668	0	1034902	0	1199999
2	220444	3	17.0	77	1960	1087	1330	1258184	1200000	2399999



New3RandParmBi n5

3	1517295	2	10.0	87	1558	1208	0	2779856	2400000	3599999
4	837915	1	8.0	60	1515	0	0	3620537	3600000	4799999
5	1619132	3	8.0	59	1976	1480	1661	5241184	4800000	5999999
6	952894	3	10.0	73	1543	1446	1985	6199195	6000000	7199999
7	1171293	3	18.0	54	1194	1877	1654	7375462	7200000	8399999
8	2155047	1	13.0	53	1583	0	0	9535234	8400000	9599999
9	915860	3	7.0	83	1911	1594	1218	10452677	9600000	10799999
10	1232163	2	8.0	97	1159	1534	0	11689563	10800000	11999999

Total number of pulses in waveform = 23

Waveform Num = 22  
 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	787399	2	5.0	50	1115	1495	0	787399	0	857142
2	707135	2	15.0	61	1984	1348	0	1497144	857143	1714285
3	497168	1	8.0	84	1128	0	0	1997644	1714286	2571428
4	1136475	1	9.0	52	1321	0	0	3135247	2571429	3428571
5	768931	2	11.0	74	1541	1594	0	3905499	3428572	4285714
6	669752	1	8.0	73	1631	0	0	4578386	4285715	5142857
7	656734	1	7.0	65	1873	0	0	5236751	5142858	6000000
8	1014579	3	10.0	54	1262	1094	1277	6253203	6000001	6857143
9	912956	2	7.0	88	1597	1281	0	7169792	6857144	7714286
10	955247	3	17.0	84	1927	1334	1178	8127917	7714287	8571429

New3RandParmBin5

11	504962	1	9.0	90	1229	0	0	8637318	8571430	9428572
12	1623114	2	9.0	76	1159	1173	0	10261661	9428573	10285715
13	44516	1	14.0	51	1190	0	0	10308509	10285716	11142858
14	1194544	1	10.0	58	1748	0	0	11504243	11142859	12000001

Total number of pulses in waveform = 23

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	541479	1	20.0	78	1910	0	0	541479	0	631578
2	157959	3	14.0	97	1959	1577	1521	701348	631579	1263157
3	1033349	1	14.0	65	1702	0	0	1739754	1263158	1894736
4	517852	3	17.0	90	1582	1250	1365	2259308	1894737	2526315
5	276942	3	9.0	78	1595	1807	1106	2540447	2526316	3157894
6	902222	3	10.0	71	1725	1009	1563	3447177	3157895	3789473
7	861432	3	13.0	71	1695	1106	1503	4312906	3789474	4421052
8	225470	3	7.0	53	1894	1668	1520	4542680	4421053	5052631
9	778494	1	14.0	57	1049	0	0	5326256	5052632	5684210
10	614983	3	16.0	95	1427	1430	1737	5942288	5684211	6315789
11	589291	2	18.0	69	1621	1972	0	6536173	6315790	6947368
12	1026503	3	8.0	75	1107	1897	1849	7566269	6947369	7578947
13	100488	1	7.0	81	1147	0	0	7671610	7578948	8210526
14	688584	2	20.0	65	1741	1807	0	8361341	8210527	8842105

New3RandParmBin5

15	1091304	2	9.0	80	1945	1233	0	9456193	8842106	9473684
16	176049	2	20.0	97	1036	1813	0	9635420	9473685	10105263
17	841766	2	13.0	63	1105	1008	0	10480035	10105264	10736842
18	388902	2	13.0	77	1587	1112	0	10871050	10736843	11368421
19	750395	3	20.0	61	1646	1636	1572	11624144	11368422	12000000

Total number of pulses in waveform = 43

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	489615	3	13.0	59	1279	1986	1782	489615	0	705881
2	499551	2	13.0	57	1365	1889	0	994213	705882	1411763
3	894933	1	12.0	86	1228	0	0	1892400	1411764	2117645
4	588657	3	15.0	73	1869	1934	1510	2482285	2117646	2823527
5	453165	2	15.0	81	1264	1907	0	2940763	2823528	3529409
6	1080533	3	9.0	56	1385	1907	1761	4024467	3529410	4235291
7	813251	2	16.0	99	1147	1558	0	4842771	4235292	4941173
8	735859	2	13.0	89	1601	1815	0	5581335	4941174	5647055
9	683814	1	14.0	51	1274	0	0	6268565	5647056	6352937
10	274688	2	13.0	72	1085	1205	0	6544527	6352938	7058819
11	622368	2	17.0	61	1465	1727	0	7169185	7058820	7764701
12	1135720	2	16.0	94	1404	1768	0	8308097	7764702	8470583
13	355940	1	14.0	84	1572	0	0	8667209	8470584	9176465

New3RandParmBin5

14	1130921	2	7.0	70	1247	1143	0	9799702	9176466	9882347
15	650438	2	11.0	94	1070	1420	0	10452530	9882348	10588229
16	146767	2	13.0	91	1020	1952	0	10601787	10588230	11294111
17	1349450	1	20.0	77	1422	0	0	11954209	11294112	11999993

Total number of pulses in waveform = 33

♀  
 Waveform Num = 25  
 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	319807	3	6.0	55	1856	1976	1749	319807	0	1333332
2	1914489	3	7.0	54	1573	1421	1691	2239877	1333333	2666665
3	732104	1	12.0	86	1535	0	0	2976666	2666666	3999998
4	1499885	2	7.0	90	1761	1570	0	4478086	3999999	5333331
5	1108980	3	5.0	98	2000	1648	1905	5590397	5333332	6666664
6	2302118	3	12.0	53	1471	1199	1092	7898068	6666665	7999997
7	853547	2	5.0	85	1126	1301	0	8755377	7999998	9333330
8	600010	2	7.0	68	1541	1420	0	9357814	9333331	10666663
9	2220210	3	9.0	80	1512	1908	1879	11580985	10666664	11999996

Total number of pulses in waveform = 22

♀  
 Waveform Num = 26  
 Num of Bursts = 16  
 Burst Interval (us) = 750000.0

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	173235	2	5.0	67	1993	1426	0	173235	0	749999

New3RandParmBin5

2	812949	1	20.0	91	1602	0	0	989603	750000	1499999
3	1059524	2	6.0	75	1078	1259	0	2050729	1500000	2249999
4	241812	3	6.0	53	1366	1251	1521	2294878	2250000	2999999
5	1103128	2	17.0	55	1806	1976	0	3402144	3000000	3749999
6	551194	2	14.0	51	1180	1088	0	3957120	3750000	4499999
7	1222646	2	10.0	66	1541	1086	0	5182034	4500000	5249999
8	469147	1	17.0	61	1042	0	0	5653808	5250000	5999999
9	634238	1	5.0	89	1322	0	0	6289088	6000000	6749999
10	935018	1	10.0	65	1821	0	0	7225428	6750000	7499999
11	841364	3	12.0	61	1503	1840	1602	8068613	7500000	8249999
12	669853	3	5.0	97	1993	1861	1294	8743411	8250000	8999999
13	961198	1	13.0	76	1539	0	0	9709757	9000000	9749999
14	85928	2	16.0	91	1935	1373	0	9797224	9750000	10499999
15	990592	3	13.0	61	1368	1978	1030	10791124	10500000	11249999
16	881889	3	17.0	60	1417	1345	1608	11677389	11250000	11999999

Total number of pulses in waveform = 32

Waveform Num = 27  
 Num of Bursts = 20  
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	402819	2	11.0	60	1773	1705	0	402819	0	599999
2	259226	1	13.0	91	1995	0	0	665523	600000	1199999
3	1126697	3	7.0	82	1841	1326	1305	1794215	1200000	1799999

New3RandParmBi n5

4	238500	2	8.0	58	1759	1826	0	2037187	1800000	2399999
5	403297	3	12.0	57	1977	1759	1436	2444069	2400000	2999999
6	1055449	2	14.0	84	2000	1633	0	3504690	3000000	3599999
7	287246	1	18.0	66	1006	0	0	3795569	3600000	4199999
8	617045	2	18.0	76	1637	1578	0	4413620	4200000	4799999
9	773243	3	19.0	58	1521	1815	1139	5190078	4800000	5399999
10	800906	3	9.0	98	1352	1627	1221	5995459	5400000	5999999
11	573914	2	12.0	69	1623	1439	0	6573573	6000000	6599999
12	310521	2	5.0	64	1069	1339	0	6887156	6600000	7199999
13	521623	1	14.0	79	1594	0	0	7411187	7200000	7799999
14	948530	2	19.0	54	1848	1969	0	8361311	7800000	8399999
15	626262	3	7.0	65	1569	1043	1017	8991390	8400000	8999999
16	371519	1	14.0	77	1546	0	0	9366538	9000000	9599999
17	483241	2	6.0	86	1530	1835	0	9851325	9600000	10199999
18	656664	2	12.0	59	1453	1014	0	10511354	10200000	10799999
19	502589	3	12.0	62	1741	1675	1541	11016410	10800000	11399999
20	953195	1	7.0	96	1863	0	0	11974562	11400000	11999999

Total number of pulses in waveform = 41

♀  
 Waveform Num = 28  
 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	380276	3	11.0	54	1834	1684	1826	380276	0	1090908

New3RandParmBin5

2	1517727	2	11.0	88	1772	1644	0	1903347	1090909	2181817
3	854129	2	7.0	67	1961	1320	0	2760892	2181818	3272726
4	1392489	2	13.0	57	1468	1244	0	4156662	3272727	4363635
5	1140075	3	5.0	94	1389	1131	1982	5299449	4363636	5454544
6	360887	2	15.0	90	1577	1160	0	5664838	5454545	6545453
7	1076435	2	20.0	72	1513	1368	0	6744010	6545454	7636362
8	1118811	3	7.0	96	1044	1024	1914	7865702	7636363	8727271
9	1579471	2	17.0	94	1532	1694	0	9449155	8727272	9818180
10	460827	1	18.0	54	1462	0	0	9913208	9818181	10909089
11	1361286	2	6.0	64	1728	1941	0	11275956	10909090	11999998

Total number of pulses in waveform = 24

Waveform Num = 29  
 Num of Bursts = 16  
 Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	353131	2	14.0	75	1201	1486	0	353131	0	749999
2	1059212	1	17.0	70	1982	0	0	1415030	750000	1499999
3	223201	3	5.0	77	1765	1682	1553	1640213	1500000	2249999
4	963899	2	14.0	50	1273	1428	0	2609112	2250000	2999999
5	877848	1	10.0	53	1018	0	0	3489661	3000000	3749999
6	983431	3	18.0	61	1879	1302	1556	4474110	3750000	4499999
7	580239	3	11.0	68	1535	1168	1080	5059086	4500000	5249999
8	209744	3	17.0	100	1452	1733	1081	5272613	5250000	5999999

New3RandParmBi n5

9	1389131	3	16.0	84	1712	1711	1574	6666010	6000000	6749999
10	218930	1	5.0	58	1911	0	0	6889937	6750000	7499999
11	1278838	1	12.0	66	1581	0	0	8170686	7500000	8249999
12	103557	2	14.0	74	1282	1969	0	8275824	8250000	8999999
13	1206754	3	5.0	60	1373	1675	1653	9485829	9000000	9749999
14	755291	3	14.0	77	1986	1001	1676	10245821	9750000	10499999
15	661613	2	7.0	79	1694	1312	0	10912097	10500000	11249999
16	574295	3	13.0	73	1626	1838	1157	11489398	11250000	11999999

Total number of pulses in waveform = 36

♀  
 Waveform Num = 30  
 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	167622	2	10.0	53	1174	1178	0	167622	0	1199999
2	1759609	3	17.0	99	1236	1489	1259	1929583	1200000	2399999
3	1400270	3	15.0	62	1945	1886	1607	3333837	2400000	3599999
4	1033693	3	19.0	97	1704	1661	1288	4372968	3600000	4799999
5	1571632	2	7.0	78	1886	1538	0	5949253	4800000	5999999
6	112572	1	20.0	92	1657	0	0	6065249	6000000	7199999
7	1681843	2	17.0	60	1919	1137	0	7748749	7200000	8399999
8	1423629	1	10.0	81	1594	0	0	9175434	8400000	9599999
9	836760	2	12.0	54	1941	1112	0	10013788	9600000	10799999
10	1064501	1	9.0	98	1000	0	0	11081342	10800000	11999999



Total number of pulses in waveform = 20  
‡

New3RandParmBin5

New3RandParmBin5

Random DFS waveform parameters (NewBin5) 03-Jun-2015 11:40:18

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	822383	1	15.0	59	1538	0	0	822383	0	1499999
2	1331290	1	13.0	53	1138	0	0	2155211	1500000	2999999
3	2246568	1	5.0	50	1097	0	0	4402917	3000000	4499999
4	944704	1	19.0	84	1186	0	0	5348718	4500000	5999999
5	1459615	1	13.0	70	1771	0	0	6809519	6000000	7499999
6	1365086	3	18.0	91	1119	1858	1370	8176376	7500000	8999999
7	1397685	2	10.0	63	1450	1383	0	9578408	9000000	10499999
8	2345464	3	17.0	51	1750	1450	1555	11926705	10500000	11999999

Total number of pulses in waveform = 13

‡

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	517080	1	16.0	84	1002	0	0	517080	0	1333332
2	1422748	1	11.0	87	1495	0	0	1940830	1333333	2666665
3	1047432	1	19.0	97	1663	0	0	2989757	2666666	3999998
4	1440262	3	5.0	90	1934	1872	1299	4431682	3999999	5333331
5	1479027	2	11.0	68	1119	1122	0	5915814	5333332	6666664
6	1376857	1	6.0	84	1341	0	0	7294912	6666665	7999997
7	848639	1	15.0	77	1515	0	0	8144892	7999998	9333330
8	1655989	2	10.0	70	1934	1142	0	9802396	9333331	10666663

New3RandParmBin5

9 988830 3 8.0 55 1271 1867 1570 10794302 10666664 11999996

Total number of pulses in waveform = 15

♀  
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	529216	1	14.0	96	1374	0	0	529216	0	799999
2	1042648	1	14.0	55	1698	0	0	1573238	800000	1599999
3	641056	1	5.0	53	1293	0	0	2215992	1600000	2399999
4	393888	2	20.0	50	1306	1300	0	2611173	2400000	3199999
5	1233393	3	19.0	70	1328	1177	1921	3847172	3200000	3999999
6	199202	1	6.0	61	1827	0	0	4050800	4000000	4799999
7	769443	1	20.0	91	1687	0	0	4822070	4800000	5599999
8	1526532	2	19.0	94	1691	1402	0	6350289	5600000	6399999
9	504300	1	15.0	69	1494	0	0	6857682	6400000	7199999
10	1054147	1	7.0	57	1935	0	0	7913323	7200000	7999999
11	590741	3	19.0	50	1430	1934	1298	8505999	8000000	8799999
12	474312	3	11.0	92	1747	1419	1819	8984973	8800000	9599999
13	773578	1	5.0	80	1467	0	0	9763536	9600000	10399999
14	1424454	2	19.0	92	1234	1130	0	11189457	10400000	11199999
15	772191	2	15.0	67	1513	1270	0	11964012	11200000	11999999

Total number of pulses in waveform = 25

♀  
Waveform Num = 4  
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)
---------	---------------	----------	-------------	---------	------------------	------------------	------------------	----------------	---------------------------	-------------------------

New3RandParmBi n5

1	52727	2	8.0	84	1891	1191	0	52727	0	705881
2	1020019	1	12.0	66	1644	0	0	1075828	705882	1411763
3	390815	1	7.0	99	1087	0	0	1468287	1411764	2117645
4	806143	2	20.0	92	1559	1930	0	2275517	2117646	2823527
5	1208077	2	15.0	76	1052	1302	0	3487083	2823528	3529409
6	602880	1	12.0	52	1263	0	0	4092317	3529410	4235291
7	266692	1	5.0	57	1072	0	0	4360272	4235292	4941173
8	1070910	3	19.0	68	1173	1699	1051	5432254	4941174	5647055
9	613440	1	10.0	63	1720	0	0	6049617	5647056	6352937
10	572711	1	14.0	58	1512	0	0	6624048	6352938	7058819
11	843081	3	14.0	55	1000	1500	1559	7468641	7058820	7764701
12	840722	1	15.0	54	1014	0	0	8313422	7764702	8470583
13	326953	3	12.0	53	1796	1854	1806	8641389	8470584	9176465
14	775018	3	17.0	71	1628	1090	1310	9421863	9176466	9882347
15	1104696	3	6.0	75	1641	1250	1754	10530587	9882348	10588229
16	97900	2	16.0	83	1344	1310	0	10633132	10588230	11294111
17	1167059	3	5.0	67	1326	1120	1446	11802845	11294112	11999993

Total number of pulses in waveform = 33

Waveform Num = 5  
 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	1103042	3	14.0	76	1519	1130	1684	1103042	0	1499999
2	624552	1	17.0	79	1431	0	0	1731927	1500000	2999999
3	1656130	2	6.0	98	1357	1994	0	3389488	3000000	4499999

New3RandParmBin5

4	2409596	3	20.0	78	1438	1017	1089	5802435	4500000	5999999
5	795993	3	20.0	75	1049	1981	1925	6601972	6000000	7499999
6	1116623	2	16.0	83	1392	1751	0	7723550	7500000	8999999
7	2213697	3	13.0	98	1848	1080	1989	9940390	9000000	10499999
8	755138	1	7.0	90	1286	0	0	10700445	10500000	11999999

Total number of pulses in waveform = 18

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	231355	1	10.0	50	1453	0	0	231355	0	749999
2	782339	3	18.0	100	1764	1521	1465	1015147	750000	1499999
3	962601	2	8.0	71	1550	1301	0	1982498	1500000	2249999
4	867958	3	7.0	53	1814	1128	1914	2853307	2250000	2999999
5	738526	1	13.0	93	1038	0	0	3596689	3000000	3749999
6	463051	1	13.0	62	1665	0	0	4060778	3750000	4499999
7	926126	3	7.0	77	1252	1084	1773	4988569	4500000	5249999
8	876272	2	7.0	61	1427	1187	0	5868950	5250000	5999999
9	524238	3	15.0	76	1086	1860	1043	6395802	6000000	6749999
10	1079111	1	7.0	70	1433	0	0	7478902	6750000	7499999
11	410045	3	8.0	93	1668	1186	1970	7890380	7500000	8249999
12	628739	2	17.0	51	1239	1829	0	8523943	8250000	8999999
13	890610	3	19.0	59	1738	1003	1830	9417621	9000000	9749999
14	916230	3	10.0	77	1336	1913	1814	10338422	9750000	10499999
15	621176	3	10.0	69	1702	1398	1673	10964661	10500000	11249999

New3RandParmBin5

610451  
 16 3 13.0 87 1400 1393 1154 11579885 11250000 11999999  
 Total number of pulses in waveform = 37

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	409696	3	15.0	88	1896	1738	1328	409696	0	631578
2	229360	2	6.0	72	1929	1590	0	644018	631579	1263157
3	671028	2	19.0	56	1952	1459	0	1318565	1263158	1894736
4	903552	2	12.0	65	1310	1188	0	2225528	1894737	2526315
5	875062	3	16.0	97	1820	1992	1145	3103088	2526316	3157894
6	440015	1	17.0	79	1051	0	0	3548060	3157895	3789473
7	244694	2	12.0	87	1377	1072	0	3793805	3789474	4421052
8	969351	1	16.0	79	1037	0	0	4765605	4421053	5052631
9	643530	1	14.0	56	1762	0	0	5410172	5052632	5684210
10	513337	1	11.0	83	1033	0	0	5925271	5684211	6315789
11	484656	1	18.0	66	1949	0	0	6410960	6315790	6947368
12	680686	1	14.0	98	1975	0	0	7093595	6947369	7578947
13	680146	3	10.0	78	1562	1753	1960	7775716	7578948	8210526
14	868461	1	6.0	99	1557	0	0	8649452	8210527	8842105
15	384746	2	6.0	55	1520	1460	0	9035755	8842106	9473684
16	457121	3	18.0	100	1420	1602	1081	9495856	9473685	10105263
17	1202219	2	14.0	91	1854	1845	0	10702178	10105264	10736842
18	225581	3	5.0	83	1867	1719	1409	10931458	10736843	11368421
19	1027532	1	7.0	80	1844	0	0	11963985	11368422	12000000

New3RandParmBin5

Total number of pulses in waveform = 35

‡  
 Waveform Num = 8  
 Num of Bursts = 20  
 Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	62795	3	8.0	62	1463	1100	1613	62795	0	599999
2	834848	1	10.0	98	1642	0	0	901819	600000	1199999
3	774816	2	10.0	71	1387	1092	0	1678277	1200000	1799999
4	484572	1	20.0	58	1375	0	0	2165328	1800000	2399999
5	570776	3	10.0	67	1590	1648	1570	2737479	2400000	2999999
6	693392	3	20.0	83	1286	1757	1477	3435679	3000000	3599999
7	339826	3	7.0	88	1942	1385	1218	3780025	3600000	4199999
8	575253	3	11.0	96	1278	1243	1888	4359823	4200000	4799999
9	520589	2	5.0	84	1473	1863	0	4884821	4800000	5399999
10	963334	2	12.0	96	1634	1457	0	5851491	5400000	5999999
11	454593	2	10.0	64	1365	1022	0	6309175	6000000	6599999
12	695804	2	18.0	92	1859	1375	0	7007366	6600000	7199999
13	241919	3	17.0	55	1654	1935	1257	7252519	7200000	7799999
14	1127805	2	16.0	80	1096	1974	0	8385170	7800000	8399999
15	568282	1	9.0	56	1592	0	0	8956522	8400000	8999999
16	157546	3	8.0	95	1715	1187	1834	9115660	9000000	9599999
17	687351	3	19.0	92	1695	1573	1651	9807747	9600000	10199999
18	741499	3	12.0	77	1216	1276	1579	10554165	10200000	10799999
19	806187	3	18.0	92	1637	1679	1883	11364423	10800000	11399999
20	513138	3	7.0	100	1494	1093	1423	11882760	11400000	11999999

New3RandParmBi n5

Total number of pulses in waveform = 48

‡  
 Waveform Num = 9  
 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	258327	3	13.0	97	1161	1345	1259	258327	0	799999
2	1330512	1	15.0	60	1380	0	0	1592604	800000	1599999
3	472783	2	18.0	69	1722	1791	0	2066767	1600000	2399999
4	790541	3	13.0	98	1445	1586	1629	2860821	2400000	3199999
5	659205	3	16.0	89	1660	1589	1469	3524686	3200000	3999999
6	1245487	1	5.0	72	1954	0	0	4774891	4000000	4799999
7	499081	3	18.0	63	1941	1464	1931	5275926	4800000	5599999
8	512538	3	10.0	95	1607	1208	1835	5793800	5600000	6399999
9	1380082	2	5.0	88	1214	1802	0	7178532	6400000	7199999
10	594086	1	12.0	95	1133	0	0	7775634	7200000	7999999
11	843389	1	17.0	67	1693	0	0	8620156	8000000	8799999
12	738044	3	16.0	59	1755	1114	1821	9359893	8800000	9599999
13	577096	1	13.0	72	1823	0	0	9941679	9600000	10399999
14	1233963	3	5.0	52	1198	1165	1777	11177465	10400000	11199999
15	250933	2	13.0	76	1102	1322	0	11432538	11200000	11999999

Total number of pulses in waveform = 32

‡  
 Waveform Num = 10  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909.0

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	780215	1	14.0	80	1270	0	0	780215	0	1090908



New3RandParmBi n5

2	1281545	2	16.0	50	1558	1503	0	2063030	1090909	2181817
3	619143	3	16.0	92	1993	1445	1733	2685234	2181818	3272726
4	1146076	1	11.0	50	1014	0	0	3836481	3272727	4363635
5	1330425	3	16.0	100	1174	1231	1074	5167920	4363636	5454544
6	294217	3	13.0	68	1146	1788	1023	5465616	5454545	6545453
7	1937787	3	12.0	69	1135	1313	1499	7407360	6545454	7636362
8	864048	2	14.0	72	1028	1639	0	8275355	7636363	8727271
9	541556	3	13.0	100	1128	1425	1874	8819578	8727272	9818180
10	1770869	1	19.0	98	1754	0	0	10594874	9818181	10909089
11	1295262	3	19.0	100	1651	1051	1647	11891890	10909090	11999998

Total number of pulses in waveform = 25

♀

Waveform Num = 11

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	479555	2	18.0	96	1268	1404	0	479555	0	857142
2	1095947	3	11.0	75	1108	1268	1350	1578174	857143	1714285
3	687747	3	13.0	90	1682	1703	1123	2269647	1714286	2571428
4	352314	3	11.0	89	1398	1430	1852	2626469	2571429	3428571
5	853413	2	7.0	90	1766	1273	0	3484562	3428572	4285714
6	1256573	2	6.0	92	1219	1326	0	4744174	4285715	5142857
7	725953	2	11.0	62	1689	1794	0	5472672	5142858	6000000
8	1022140	1	8.0	58	1563	0	0	6498295	6000001	6857143
9	482767	1	12.0	93	1023	0	0	6982625	6857144	7714286
10	1225500	2	11.0	77	1810	1086	0	8209148	7714287	8571429

New3RandParmBin5

11	942778	3	14.0	64	1081	1329	1443	9154822	8571430	9428572
12	509120	1	16.0	60	1516	0	0	9667795	9428573	10285715
13	926740	3	10.0	70	1249	1716	1626	10596051	10285716	11142858
14	1197387	1	12.0	95	1464	0	0	11798029	11142859	12000001

Total number of pulses in waveform = 29

♀

Waveform Num = 12

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	285696	2	17.0	65	1138	1763	0	285696	0	799999
2	947757	2	15.0	99	1185	1315	0	1236354	800000	1599999
3	425377	3	8.0	93	1864	1362	1144	1664231	1600000	2399999
4	982391	3	12.0	51	1742	1667	1104	2650992	2400000	3199999
5	608446	3	10.0	79	1964	1505	1397	3263951	3200000	3999999
6	771450	1	18.0	84	1823	0	0	4040267	4000000	4799999
7	1355706	2	13.0	72	1055	1099	0	5397796	4800000	5599999
8	328395	2	5.0	50	1940	1891	0	5728345	5600000	6399999
9	779804	2	19.0	60	1105	1706	0	6511980	6400000	7199999
10	1208838	1	6.0	92	1354	0	0	7723629	7200000	7999999
11	804504	1	19.0	97	1107	0	0	8529487	8000000	8799999
12	911484	3	16.0	51	1781	1876	1591	9442078	8800000	9599999
13	585282	1	8.0	54	1998	0	0	10032608	9600000	10399999
14	836308	1	17.0	85	1277	0	0	10870914	10400000	11199999
15	770076	2	20.0	63	1596	1329	0	11642267	11200000	11999999

Total number of pulses in waveform = 29

♀

New3RandParmBi n5

Waveform Num = 13  
 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	998692	1	9.0	63	1499	0	0	998692	0	1333332
2	1475719	2	17.0	82	1220	1773	0	2475910	1333333	2666665
3	831911	2	14.0	96	1311	1426	0	3310814	2666666	3999998
4	859799	2	12.0	83	1764	1195	0	4173350	3999999	5333331
5	1689436	1	18.0	90	1172	0	0	5865745	5333332	6666664
6	1479909	2	8.0	87	1032	1288	0	7346826	6666665	7999997
7	989653	2	18.0	87	1180	1149	0	8338799	7999998	9333330
8	1349832	2	18.0	69	1758	1908	0	9690960	9333331	10666663
9	1902184	2	7.0	92	1685	1041	0	11596810	10666664	11999996

Total number of pulses in waveform = 16

‡  
 Waveform Num = 14  
 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	408063	3	18.0	92	1617	1752	1781	408063	0	799999
2	743288	3	9.0	54	1248	1382	1467	1156501	800000	1599999
3	1061641	3	15.0	65	1618	1058	1569	2222239	1600000	2399999
4	906390	2	14.0	90	1401	1438	0	3132874	2400000	3199999
5	471656	1	10.0	50	1331	0	0	3607369	3200000	3999999
6	703674	2	5.0	96	1127	1185	0	4312374	4000000	4799999
7	558999	3	5.0	83	1480	1492	1826	4873685	4800000	5599999
8	1492977	3	11.0	87	1262	1885	1709	6371460	5600000	6399999

New3RandParmBi n5

9	470083	2	10.0	51	1186	1067	0	6846399	6400000	7199999
	768379									
10	978970	2	18.0	73	1533	1545	0	7617031	7200000	7999999
	484657									
11	978970	1	19.0	84	1145	0	0	8599079	8000000	8799999
	484657									
12	646530	1	13.0	82	1326	0	0	9084881	8800000	9599999
	736388									
13	736388	1	7.0	91	1699	0	0	9732737	9600000	10399999
	1467474									
14	1467474	3	7.0	58	1288	1338	1550	10470824	10400000	11199999
15		2	13.0	85	1146	1578	0	11942474	11200000	11999999

Total number of pulses in waveform = 32

‡

Waveform Num = 15

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	501899	1	9.0	98	1268	0	0	501899	0	1090908
2	1056899	1	13.0	63	1023	0	0	1560066	1090909	2181817
3	1680023	3	7.0	51	1675	1748	1138	3241112	2181818	3272726
4	598823	2	17.0	62	1273	1826	0	3844496	3272727	4363635
5	520756	1	11.0	50	1780	0	0	4368351	4363636	5454544
6	1992913	3	16.0	65	1515	1441	1588	6363044	5454545	6545453
7	200509	3	16.0	56	1379	1537	1092	6568097	6545454	7636362
8	2062176	2	5.0	93	1917	1455	0	8634281	7636363	8727271
9	172982	1	8.0	72	1544	0	0	8810635	8727272	9818180
10	1525389	2	7.0	68	1124	1384	0	10337568	9818181	10909089
	1404739									
11		1	15.0	96	1472	0	0	11744815	10909090	11999998

Total number of pulses in waveform = 20

‡

Waveform Num = 16

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	121082	1	9.0	64	1087	0	0	121082	0	705881
2	704059	2	8.0	93	1161	1789	0	826228	705882	1411763
3	1123638	3	14.0	79	1141	1544	1648	1952816	1411764	2117645
4	604876	1	7.0	97	1657	0	0	2562025	2117646	2823527
5	859836	2	11.0	95	1403	1294	0	3423518	2823528	3529409
6	127437	3	16.0	81	1433	1525	1117	3553652	3529410	4235291
7	967047	2	14.0	66	1685	1040	0	4524774	4235292	4941173
8	529373	2	14.0	100	1737	1553	0	5056872	4941174	5647055
9	960990	3	5.0	60	1489	1078	1145	6021152	5647056	6352937
10	430198	2	13.0	81	1081	1935	0	6455062	6352938	7058819
11	759728	2	8.0	94	1373	1945	0	7217806	7058820	7764701
12	663102	1	19.0	62	1079	0	0	7884226	7764702	8470583
13	1031254	3	16.0	87	1829	1396	1281	8916559	8470584	9176465
14	497858	1	12.0	66	1535	0	0	9418923	9176466	9882347
15	689442	1	13.0	60	1624	0	0	10109900	9882348	10588229
16	938847	2	7.0	100	1777	1077	0	11050371	10588230	11294111
17	495621	3	20.0	97	1722	1165	1863	11548846	11294112	11999993

Total number of pulses in waveform = 34

‡

Waveform Num = 17

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	233062	1	7.0	58	1670	0	0	233062	0	857142

New3RandParmBi n5

2	1103751	3	17.0	91	1086	1712	1252	1338483	857143	1714285
3	762375	2	20.0	96	1611	1992	0	2104908	1714286	2571428
4	881055	1	16.0	57	1692	0	0	2989566	2571429	3428571
5	1230924	2	11.0	66	1656	1402	0	4222182	3428572	4285714
6	623143	2	14.0	68	1729	1067	0	4848383	4285715	5142857
7	834966	2	13.0	59	1249	1391	0	5686145	5142858	6000000
8	1099315	2	13.0	87	1241	1625	0	6788100	6000001	6857143
9	156652	1	13.0	99	1681	0	0	6947618	6857144	7714286
10	1311279	1	13.0	70	1114	0	0	8260578	7714287	8571429
11	1099198	2	18.0	63	1656	1117	0	9360890	8571430	9428572
12	904610	2	14.0	99	1814	1272	0	10268273	9428573	10285715
13	410605	2	6.0	64	1876	1108	0	10681964	10285716	11142858
14	551322	3	5.0	100	1621	1295	1540	11236270	11142859	12000001

Total number of pulses in waveform = 26

‡

Waveform Num = 18

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	1401177	2	10.0	65	1026	1806	0	1401177	0	1499999
2	418795	1	11.0	66	1383	0	0	1822804	1500000	2999999
3	1281366	2	15.0	50	1280	1653	0	3105553	3000000	4499999
4	2022950	3	18.0	97	1281	1839	1402	5131436	4500000	5999999
5	1570960	2	15.0	73	1278	1746	0	6706918	6000000	7499999
6	1750785	2	6.0	67	1281	1684	0	8460727	7500000	8999999
7	570643	2	17.0	86	1623	1876	0	9034335	9000000	10499999

New3RandParmBin5

8 2428720 1 19.0 94 1792 0 0 11466554 10500000 11999999  
 Total number of pulses in waveform = 15

♀  
 Waveform Num = 19  
 Num of Bursts = 17  
 Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	560031	3	11.0	93	1520	1863	1699	560031	0	705881
2	260469	1	7.0	76	1997	0	0	825582	705882	1411763
3	597834	3	14.0	97	1199	1618	1611	1425413	1411764	2117645
4	1208383	3	8.0	86	1569	1585	1760	2638224	2117646	2823527
5	478364	1	8.0	89	1368	0	0	3121502	2823528	3529409
6	736626	1	10.0	62	1662	0	0	3859496	3529410	4235291
7	447526	1	14.0	85	1971	0	0	4308684	4235292	4941173
8	916160	3	8.0	54	1844	1147	1873	5226815	4941174	5647055
9	648755	1	16.0	58	1519	0	0	5880434	5647056	6352937
10	1097523	2	5.0	92	1206	1551	0	6979476	6352938	7058819
11	754646	3	6.0	65	1786	1935	2000	7736879	7058820	7764701
12	688259	1	9.0	63	1821	0	0	8430859	7764702	8470583
13	602758	2	17.0	93	1354	1160	0	9035438	8470584	9176465
14	163198	3	13.0	89	1788	1859	1184	9201150	9176466	9882347
15	1331252	1	18.0	81	1182	0	0	10537233	9882348	10588229
16	484391	3	7.0	61	1845	1328	1526	11022806	10588230	11294111
17	610214	2	8.0	64	1275	1087	0	11637719	11294112	11999993

Total number of pulses in waveform = 34  
 ♀  
 Waveform Num = 20  
 Num of Bursts = 15

New3RandParmBin5

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	737387	1	9.0	98	1981	0	0	737387	0	799999
2	538966	3	5.0	69	1361	1381	1790	1278334	800000	1599999
3	648857	3	9.0	64	1700	1971	1610	1931723	1600000	2399999
4	521049	3	20.0	59	1452	1468	1954	2458053	2400000	3199999
5	1189927	1	10.0	99	1714	0	0	3652854	3200000	3999999
6	682176	3	6.0	55	1145	1192	1370	4336744	4000000	4799999
7	992681	3	18.0	54	1619	1665	1597	5333132	4800000	5599999
8	442312	2	11.0	69	1118	1748	0	5780325	5600000	6399999
9	831129	1	16.0	61	1942	0	0	6614320	6400000	7199999
10	1076935	2	7.0	84	1150	1011	0	7693197	7200000	7999999
11	682705	2	16.0	88	1667	1526	0	8378063	8000000	8799999
12	591947	1	9.0	75	1513	0	0	8973203	8800000	9599999
13	1360762	2	16.0	100	1954	1383	0	10335478	9600000	10399999
14	68539	2	20.0	82	1189	1535	0	10407354	10400000	11199999
15	1455514	3	11.0	79	1924	1271	1662	11865592	11200000	11999999

Total number of pulses in waveform = 32

♀

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	583632	3	20.0	98	1712	1003	1700	583632	0	999999
2	1002117	3	14.0	81	1075	1750	1194	1590164	1000000	1999999
3	930582	1	5.0	79	1717	0	0	2524765	2000000	2999999



New3RandParmBi n5

4	934905	1	10.0	57	1073	0	0	3461387	3000000	3999999
5	1434999	1	13.0	94	1188	0	0	4897459	4000000	4999999
6	872719	3	15.0	53	1799	1821	1444	5771366	5000000	5999999
7	1195816	2	13.0	88	1004	1389	0	6972246	6000000	6999999
8	228767	2	11.0	54	1078	1255	0	7203406	7000000	7999999
9	1481548	2	14.0	99	1576	1659	0	8687287	8000000	8999999
10	1058390	3	10.0	74	1473	1432	1397	9748912	9000000	9999999
11	793209	1	19.0	54	1981	0	0	10546423	10000000	10999999
12	1176875	3	6.0	97	1611	1053	1359	11725279	11000000	11999999

Total number of pulses in waveform = 25

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	449571	3	19.0	75	1312	1656	1694	449571	0	705881
2	593298	2	19.0	91	1354	1356	0	1047531	705882	1411763
3	752549	1	8.0	70	1685	0	0	1802790	1411764	2117645
4	993063	1	10.0	66	1440	0	0	2797538	2117646	2823527
5	443303	1	6.0	77	1496	0	0	3242281	2823528	3529409
6	891056	1	7.0	77	1311	0	0	4134833	3529410	4235291
7	194647	1	16.0	80	1068	0	0	4330791	4235292	4941173
8	793303	3	12.0	85	1709	1290	1417	5125162	4941174	5647055
9	694254	1	18.0	67	1920	0	0	5823832	5647056	6352937
10	744259	2	8.0	69	1589	1773	0	6570011	6352938	7058819
11	665513	1	10.0	60	1270	0	0	7238886	7058820	7764701

New3RandParmBin5

12	961447	3	15.0	54	1101	1961	1945	8201603	7764702	8470583
13	400626	1	19.0	95	1636	0	0	8607236	8470584	9176465
14	675590	1	12.0	74	1734	0	0	9284462	9176466	9882347
15	1016145	2	7.0	83	1089	1242	0	10302341	9882348	10588229
16	564999	3	20.0	85	1888	1077	1476	10869671	10588230	11294111
17	922465	1	5.0	85	1819	0	0	11796577	11294112	11999993

Total number of pulses in waveform = 28

♀

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	147774	1	13.0	88	1034	0	0	147774	0	631578
2	780342	1	11.0	97	1487	0	0	929150	631579	1263157
3	423149	2	14.0	51	1225	1886	0	1353786	1263158	1894736
4	818193	2	8.0	73	1411	1008	0	2175090	1894737	2526315
5	623094	3	9.0	72	1706	1635	1927	2800603	2526316	3157894
6	685552	2	11.0	57	1007	1820	0	3491423	3157895	3789473
7	864950	3	17.0	86	1850	1621	1271	4359200	3789474	4421052
8	452969	1	18.0	96	1396	0	0	4816911	4421053	5052631
9	332530	3	13.0	94	1599	1430	1902	5150837	5052632	5684210
10	799044	1	12.0	58	1224	0	0	5954812	5684211	6315789
11	376386	2	18.0	82	2000	1406	0	6332422	6315790	6947368
12	622961	1	11.0	58	1228	0	0	6958789	6947369	7578947
13	1167293	2	8.0	66	1381	1625	0	8127310	7578948	8210526
14	81447	1	20.0	99	1400	0	0	8211763	8210527	8842105

New3RandParmBin5

15	1165978	3	19.0	50	1141	1639	1898	9379141	8842106	9473684
16	258531	2	8.0	66	1485	1623	0	9642350	9473685	10105263
17	1036901	3	17.0	58	1704	1454	1937	10682359	10105264	10736842
18	354456	2	18.0	65	1802	1566	0	11041910	10736843	11368421
19	681298	3	12.0	100	1294	1407	1005	11726576	11368422	12000000

Total number of pulses in waveform = 38

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	589015	3	19.0	58	1836	1184	1660	589015	0	599999
2	53977	3	7.0	63	1448	1011	1844	647672	600000	1199999
3	969307	2	20.0	67	1399	1272	0	1621282	1200000	1799999
4	274702	2	18.0	51	1946	1648	0	1898655	1800000	2399999
5	721296	1	17.0	98	1134	0	0	2623545	2400000	2999999
6	746176	3	14.0	60	1469	1402	1324	3370855	3000000	3599999
7	617648	3	20.0	68	1689	1638	1396	3992698	3600000	4199999
8	620891	3	16.0	93	1587	1722	1344	4618312	4200000	4799999
9	464886	2	14.0	61	1876	1398	0	5087851	4800000	5399999
10	699436	3	13.0	74	1487	1633	1489	5790561	5400000	5999999
11	419037	2	12.0	67	1710	1329	0	6214207	6000000	6599999
12	803462	1	12.0	83	1335	0	0	7020708	6600000	7199999
13	675791	3	7.0	86	1009	1359	1333	7697834	7200000	7799999
14	245644	3	6.0	78	1704	1827	1515	7947179	7800000	8399999
15	537150	1	12.0	89	1565	0	0	8489375	8400000	8999999

New3RandParmBin5

16	969577	3	20.0	92	1856	1085	1617	9460517	9000000	9599999
17	262580	3	9.0	80	1213	1225	1760	9727655	9600000	10199999
18	1020250	1	7.0	52	1739	0	0	10752103	10200000	10799999
19	284921	3	20.0	73	1609	1593	1805	11038763	10800000	11399999
20	876188	3	9.0	74	1245	1117	1577	11919958	11400000	11999999

Total number of pulses in waveform = 48

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri (us)	Pulse 2 Pri (us)	Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval (us)
1	558008	2	11.0	66	1136	1814	0	558008	0	799999
2	284902	1	7.0	78	1550	0	0	845860	800000	1599999
3	767506	3	9.0	87	1015	1435	1843	1614916	1600000	2399999
4	1101554	3	8.0	81	1327	1683	1841	2720763	2400000	3199999
5	1139072	2	12.0	50	1604	1992	0	3864686	3200000	3999999
6	852570	2	15.0	60	1593	1503	0	4720852	4000000	4799999
7	470718	2	19.0	88	1938	1947	0	5194666	4800000	5599999
8	599904	2	15.0	63	1421	1091	0	5798455	5600000	6399999
9	694633	3	12.0	56	1488	1141	1405	6495600	6400000	7199999
10	1493167	3	16.0	82	1291	1016	1068	7992801	7200000	7999999
11	215855	3	20.0	74	1654	1103	1489	8212031	8000000	8799999
12	925670	2	18.0	77	1831	1770	0	9141947	8800000	9599999
13	537806	2	8.0	68	1533	1035	0	9683354	9600000	10399999
14	816971	1	16.0	50	1652	0	0	10502893	10400000	11199999
15	1266443	2	20.0	89	1713	1092	0	11770988	11200000	11999999

New3RandParmBi n5

Total number of pulses in waveform = 33

‡  
 Waveform Num = 26  
 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	280551	1	11.0	77	1414	0	0	280551	0	799999
2	734287	2	8.0	95	1230	1099	0	1016252	800000	1599999
3	758749	1	10.0	75	1414	0	0	1777330	1600000	2399999
4	1208682	3	18.0	86	1575	1989	1428	2987426	2400000	3199999
5	281628	1	8.0	92	1594	0	0	3274046	3200000	3999999
6	730477	2	7.0	60	1478	1121	0	4006117	4000000	4799999
7	1326453	1	8.0	53	1437	0	0	5335169	4800000	5599999
8	566776	3	19.0	78	1728	1971	1267	5903382	5600000	6399999
9	793911	1	10.0	93	1349	0	0	6702259	6400000	7199999
10	804581	3	6.0	91	1804	1447	1250	7508189	7200000	7999999
11	1250432	3	10.0	88	1290	1242	1562	8763122	8000000	8799999
12	33683	3	5.0	97	1542	1336	1154	8800899	8800000	9599999
13	1038622	2	5.0	84	1886	1950	0	9843553	9600000	10399999
14	1154394	2	12.0	82	1272	1796	0	11001783	10400000	11199999
15	422813	1	8.0	66	1868	0	0	11427664	11200000	11999999

Total number of pulses in waveform = 29

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

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	579403	3	18.0	80	1401	1461	1391	579403	0	1090908

New3RandParmBi n5

2	707597	2	11.0	69	1247	1557	0	1291253	1090909	2181817
3	1371169	1	12.0	92	1629	0	0	2665226	2181818	3272726
4	669828	2	6.0	96	1373	1122	0	3336683	3272727	4363635
5	1428765	1	14.0	61	1000	0	0	4767943	4363636	5454544
6	921558	2	5.0	79	1395	1537	0	5690501	5454545	6545453
7	1919743	3	17.0	99	1919	1642	1331	7613176	6545454	7636362
8	139082	1	16.0	90	1153	0	0	7757150	7636363	8727271
9	1631127	3	10.0	65	1520	1320	1923	9389430	8727272	9818180
10	722990	1	12.0	72	1246	0	0	10117183	9818181	10909089
11	1506696	2	16.0	68	1631	1619	0	11625125	10909090	11999998

Total number of pulses in waveform = 21

♀

Waveform Num = 28

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	1121482	2	7.0	65	1123	1496	0	1121482	0	1333332
2	878104	3	8.0	52	1041	1875	1736	2002205	1333333	2666665
3	1625052	3	20.0	82	1606	1178	1801	3631909	2666666	3999998
4	1030633	2	7.0	58	1827	1437	0	4667127	3999999	5333331
5	1314856	2	13.0	86	1717	1483	0	5985247	5333332	6666664
6	953653	2	10.0	76	1454	1464	0	6942100	6666665	7999997
7	1415888	1	17.0	52	1011	0	0	8360906	7999998	9333330
8	1013452	1	16.0	78	1076	0	0	9375369	9333331	10666663
9	1794491	1	18.0	97	1320	0	0	11170936	10666664	11999996

Total number of pulses in waveform = 17

♀

New3RandParmBi n5

Waveform Num = 29  
 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	464212	3	17.0	87	1981	1829	1484	464212	0	923076
2	900216	1	5.0	55	1096	0	0	1369722	923077	1846153
3	693522	1	13.0	99	1110	0	0	2064340	1846154	2769230
4	1517776	3	14.0	84	1013	1810	1076	3583226	2769231	3692307
5	230876	3	12.0	67	1334	1411	1776	3818001	3692308	4615384
6	1516409	2	17.0	65	1075	1688	0	5338931	4615385	5538461
7	255609	2	5.0	61	1536	1880	0	5597303	5538462	6461538
8	1456163	1	5.0	89	1129	0	0	7056882	6461539	7384615
9	970994	2	7.0	60	1545	1462	0	8029005	7384616	8307692
10	304523	2	13.0	56	1281	1781	0	8336535	8307693	9230769
11	1494528	2	6.0	73	1801	1129	0	9834125	9230770	10153846
12	855725	3	18.0	62	1268	1685	1002	10692780	10153847	11076923
13	917389	2	14.0	74	1061	1258	0	11614124	11076924	12000000

Total number of pulses in waveform = 27

‡

Waveform Num = 30  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909.0

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	123931	2	11.0	50	1740	1350	0	123931	0	1090908
2	1062468	3	18.0	77	1967	1580	1240	1189489	1090909	2181817
3	1121131	3	8.0	91	1224	1296	1755	2315407	2181818	3272726
4	1813293	1	12.0	86	1224	0	0	4132975	3272727	4363635

New3RandParmBi n5										
5	1023277	3	13.0	83	1766	1412	1962	5157476	4363636	5454544
6	872586	3	14.0	89	1235	1895	1012	6035202	5454545	6545453
7	1440412	2	17.0	56	1155	1471	0	7479756	6545454	7636362
8	441379	1	18.0	60	1745	0	0	7923761	7636363	8727271
9	1883591	2	8.0	84	1654	1188	0	9809097	8727272	9818180
10	956558	1	12.0	55	1171	0	0	10768497	9818181	10909089
11	432930	2	7.0	68	1699	1643	0	11202598	10909090	11999998
Total number of pulses in waveform = 23										
♀										