



Annex D

Bin 5 used for all Bandwidth Tests

20 MHz Bandwidth



Waveform Num = 1

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	144192	1	8.0	66	1351	0	0	144192	0	1199999
2	1223492	3	8.0	60	1402	1338	1964	1369035	1200000	2399999
3	1182908	2	8.0	87	1619	1108	0	2556647	2400000	3599999
4	1585818	1	8.0	93	1464	0	0	4145192	3600000	4799999
5	1572789	3	8.0	76	1198	1854	1722	5719445	4800000	5999999
6	843098	3	8.0	54	1984	1309	1974	6567317	6000000	7199999
7	1452624	3	8.0	81	1954	1689	1865	8025208	7200000	8399999
8	1177044	2	8.0	56	1011	1394	0	9207760	8400000	9599999
9	752488	1	8.0	78	1316	0	0	9962653	9600000	10799999
10	1841497	1	8.0	76	1841	0	0	11805466	10800000	11999999

Total number of pulses in waveform = 20



Waveform Num = 2

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	790059	2	6.0	90	1217	1279	0	790059	0	799999
2	724350	1	6.0	62	1098	0	0	1516905	800000	1599999
3	235901	3	6.0	96	1383	1099	1447	1753904	1600000	2399999
4	998976	1	6.0	51	1960	0	0	2756809	2400000	3199999
5	896978	3	6.0	64	1990	1152	1519	3655747	3200000	3999999
6	1071045	2	6.0	51	1572	1498	0	4731453	4000000	4799999
7	87347	3	6.0	52	1337	1629	1101	4821870	4800000	5599999
8	1421759	3	6.0	89	1736	1583	1202	6247696	5600000	6399999
9	677857	3	6.0	52	1317	1377	1316	6930074	6400000	7199999
10	971304	3	6.0	84	1533	1087	1462	7905388	7200000	7999999
11	351463	2	6.0	85	1302	1558	0	8260933	8000000	8799999
	883927									



12	2	6.0	54	1840	1701	0	9147720	8800000	9599999
756107									
13	1	6.0	94	1320	0	0	9907368	9600000	10399999
792135									
14	3	6.0	95	1339	1040	1714	10700823	10400000	11199999
581656									
15	1	6.0	99	1642	0	0	11286572	11200000	11999999

Total number of pulses in waveform = 33

Waveform Num = 3

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)
511137										
1	1	6.0	78	1559	0	0	511137	0	923076	
1119987										
2	1	6.0	91	1998	0	0	1632683	923077	1846153	
874782										
3	1	6.0	62	1592	0	0	2509463	1846154	2769230	
916644										
4	1	6.0	88	1367	0	0	3427699	2769231	3692307	
1065064										
5	1	6.0	98	1948	0	0	4494130	3692308	4615384	
565284										
6	3	6.0	53	1227	1806	1049	5061362	4615385	5538461	
1280311										
7	1	6.0	97	1383	0	0	6345755	5538462	6461538	



267983

8 1 6.0 77 1622 0 0 6615121 6461539 7384615

1358265

9 2 6.0 100 1909 1323 0 7975008 7384616 8307692

675749

10 1 6.0 88 1578 0 0 8653989 8307693 9230769

1145415

11 2 6.0 72 1481 1839 0 9800982 9230770 10153846

513034

12 3 6.0 73 1701 1365 1926 10317336 10153847 11076923

832242

13 3 6.0 100 1268 1160 1030 11154570 11076924 12000000

Total number of pulses in waveform = 21

Waveform Num = 4

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	223653	2	18.0	83	1488	1999	0	223653	0	749999
2	549391	3	18.0	94	1628	1971	1764	776531	750000	1499999
3	776121	3	18.0	84	1829	1025	1854	1558015	1500000	2249999
4	1360709	1	18.0	85	1945	0	0	2923432	2250000	2999999



5	1	18.0	86	1574	0	0	3494692	3000000	3749999
841324									
6	2	18.0	71	1947	1974	0	4337590	3750000	4499999
430299									
7	1	18.0	72	1682	0	0	4771810	4500000	5249999
650079									
8	1	18.0	74	1199	0	0	5423571	5250000	5999999
1004008									
9	1	18.0	79	1956	0	0	6428778	6000000	6749999
452803									
10	2	18.0	64	1921	1907	0	6883537	6750000	7499999
1088276									
11	2	18.0	85	1333	1308	0	7975641	7500000	8249999
800609									
12	1	18.0	84	1411	0	0	8778891	8250000	8999999
497943									
13	2	18.0	90	1844	1253	0	9278245	9000000	9749999
562236									
14	2	18.0	54	1701	1177	0	9843578	9750000	10499999
979976									
15	2	18.0	54	1930	1307	0	10826432	10500000	11249999
863856									
16	3	18.0	83	1177	1741	1782	11693525	11250000	11999999

Total number of pulses in waveform = 29

Waveform Num = 5

Num of Bursts = 19

Burst Interval (us) = 631579.0



Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	445700	2	13.0	70	1918	1829	0	445700	0	631578
2	671836	1	13.0	65	1228	0	0	1121283	631579	1263157
3	224578	2	13.0	93	1831	1524	0	1347089	1263158	1894736
4	968597	2	13.0	66	1079	1721	0	2319041	1894737	2526315
5	252890	1	13.0	92	1396	0	0	2574731	2526316	3157894
6	1102793	2	13.0	96	1384	1676	0	3678920	3157895	3789473
7	521411	3	13.0	82	1289	1335	1879	4203391	3789474	4421052
8	318843	3	13.0	74	1385	1873	1532	4526737	4421053	5052631
9	1141888	2	13.0	90	1516	1293	0	5673415	5052632	5684210
10	326415	3	13.0	93	1727	1052	1352	6002639	5684211	6315789
11	786846	2	13.0	69	1836	1089	0	6793616	6315790	6947368
12	268981	2	13.0	99	1198	1035	0	7065522	6947369	7578947
13	946242	1	13.0	70	1132	0	0	8013997	7578948	8210526
	319091									



14	1	13.0	82	1021	0	0	8334220	8210527	8842105
1073068									
15	3	13.0	83	1374	1214	1799	9408309	8842106	9473684
256123									
16	1	13.0	64	1458	0	0	9668819	9473685	10105263
758573									
17	3	13.0	66	1847	1170	1479	10428850	10105264	10736842
864600									
18	2	13.0	95	1751	1634	0	11297946	10736843	11368421
695461									
19	1	13.0	97	1042	0	0	11996792	11368422	12000000

Total number of pulses in waveform = 37

Waveform Num = 6

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	214084	3	7.0	97	1421	1720	1010	214084	0	1199999
2	1337519	1	7.0	95	1500	0	0	1555754	1200000	2399999
3	875375	3	7.0	81	1400	1556	1045	2432629	2400000	3599999
4	2058116	2	7.0	71	1139	1771	0	4494746	3600000	4799999
5	1283541	1	7.0	77	1734	0	0	5781197	4800000	5999999



269840

6 2 7.0 90 1124 1456 0 6052771 6000000 7199999

1410861

7 3 7.0 95 1941 1097 1636 7466212 7200000 8399999

1769037

8 1 7.0 90 1908 0 0 9239923 8400000 9599999

434471

9 2 7.0 77 1430 1325 0 9676302 9600000 10799999

1303946

10 3 7.0 60 1251 1990 1314 10983003 10800000 11999999

Total number of pulses in waveform = 21

Waveform Num = 7

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	41742	1	14.0	64	1594	0	0	41742	0	1199999
2	1738226	2	14.0	63	1684	1546	0	1781562	1200000	2399999
3	645578	3	14.0	55	1915	1207	1622	2430370	2400000	3599999
4	1797992	1	14.0	100	1034	0	0	4233106	3600000	4799999
5	599555	3	14.0	58	1502	1185	1346	4833695	4800000	5999999
	1285627									



6	2	14.0	93	1910	1796	0	6123355	6000000	7199999
1820694									
7	3	14.0	63	1723	1615	1453	7947755	7200000	8399999
1600694									
8	1	14.0	65	1746	0	0	9553240	8400000	9599999
922770									
9	2	14.0	55	1676	1344	0	10477756	9600000	10799999
1191573									
10	3	14.0	96	1803	1329	1109	11672349	10800000	11999999

Total number of pulses in waveform = 21

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	139367	2	9.0	86	1595	1617	0	139367	0	599999
974310										
2	653921	2	9.0	90	1989	1697	0	1116889	600000	1199999
653921										
3	374304	3	9.0	50	1775	1594	1096	1774496	1200000	1799999
374304										
4	786229	2	9.0	83	1127	1952	0	2153265	1800000	2399999
786229										
5	628432	3	9.0	61	1739	1179	1224	2942573	2400000	2999999
628432										
6		3	9.0	93	1597	1551	1758	3575147	3000000	3599999



518643									
7	2	9.0	68	1488	1598	0	4098696	3600000	4199999
226452									
8	3	9.0	75	1701	1759	1014	4328234	4200000	4799999
656616									
9	3	9.0	92	1890	1446	1964	4989324	4800000	5399999
647871									
10	3	9.0	52	1489	1653	1022	5642495	5400000	5999999
874257									
11	2	9.0	62	1041	1589	0	6520916	6000000	6599999
187967									
12	2	9.0	90	1424	1975	0	6711513	6600000	7199999
953564									
13	2	9.0	82	1193	1172	0	7668476	7200000	7799999
486914									
14	3	9.0	51	1102	1169	1982	8157755	7800000	8399999
373894									
15	2	9.0	100	1283	1154	0	8535902	8400000	8999999
1009877									
16	2	9.0	80	1730	1054	0	9548216	9000000	9599999
494054									
17	3	9.0	78	1842	1479	1500	10045054	9600000	10199999
670356									
18	1	9.0	85	1793	0	0	10720231	10200000	10799999
670327									
19	1	9.0	95	1827	0	0	11392351	10800000	11399999
487326									
20	2	9.0	90	1517	1680	0	11881504	11400000	11999999

Total number of pulses in waveform = 46



Waveform Num = 9

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	744906	2	20.0	77	1988	1103	0	744906	0	857142
2	836308	1	20.0	81	1844	0	0	1584305	857143	1714285
3	192881	1	20.0	79	1842	0	0	1779030	1714286	2571428
4	1525145	1	20.0	77	1328	0	0	3306017	2571429	3428571
5	687743	2	20.0	81	1815	1211	0	3995088	3428572	4285714
6	541898	2	20.0	50	1389	1823	0	4540012	4285715	5142857
7	1100251	1	20.0	84	1617	0	0	5643475	5142858	6000000
8	937244	1	20.0	54	1291	0	0	6582336	6000001	6857143
9	725185	1	20.0	82	1652	0	0	7308812	6857144	7714286
10	1129506	3	20.0	81	1934	1118	1391	8439970	7714287	8571429
11	630410	3	20.0	75	1112	1200	1426	9074823	8571430	9428572



1143110

12	3	20.0	75	1751	1087	1515	10221671	9428573	10285715
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623835

13	1	20.0	93	1901	0	0	10849859	10285716	11142858
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463013

14	3	20.0	71	1831	1105	1920	11314773	11142859	12000001
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Total number of pulses in waveform = 25



Waveform Num = 10

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	258562	3	5.0	62	1319	1387	1582	258562	0	705881
2	988611	2	5.0	83	1022	1923	0	1251461	705882	1411763
3	426407	1	5.0	83	1512	0	0	1680813	1411764	2117645
4	833293	1	5.0	54	1315	0	0	2515618	2117646	2823527
5	761543	3	5.0	98	1105	1624	1982	3278476	2823528	3529409
6	933260	1	5.0	70	1481	0	0	4216447	3529410	4235291
7	191750	1	5.0	70	1699	0	0	4409678	4235292	4941173
8	1155953	3	5.0	62	1973	1119	1496	5567330	4941174	5647055
9	693427	2	5.0	76	1658	1004	0	6265345	5647056	6352937
10	619456	3	5.0	56	1314	1164	1024	6887463	6352938	7058819
11	223545	1	5.0	91	1308	0	0	7114510	7058820	7764701
	991162									



12	2	5.0	59	1764	1856	0	8106980	7764702	8470583
975045									
13	2	5.0	69	1436	1713	0	9085645	8470584	9176465
423844									
14	1	5.0	53	1234	0	0	9512638	9176466	9882347
471186									
15	1	5.0	93	1778	0	0	9985058	9882348	10588229
973222									
16	1	5.0	77	1290	0	0	10960058	10588230	11294111
479575									
17	2	5.0	92	1286	1024	0	11440923	11294112	11999993

Total number of pulses in waveform = 30

Waveform Num = 11

Num of Bursts = 11

Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
159837										
1	2	14.0	66	1333	1464	0	159837	0	1090908	
1983204										
2	1	14.0	72	1660	0	0	2145838	1090909	2181817	
215008										
3	1	14.0	88	1027	0	0	2362506	2181818	3272726	
1839889										
4	3	14.0	86	1214	1004	1280	4203422	3272727	4363635	
162210										
5	2	14.0	58	1208	1332	0	4369130	4363636	5454544	



1995423

6	1	14.0	74	1266	0	0	6367093	5454545	6545453
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917464

7	2	14.0	88	1717	1033	0	7285823	6545454	7636362
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841885

8	2	14.0	79	1127	1606	0	8130458	7636363	8727271
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662650

9	1	14.0	97	1179	0	0	8795841	8727272	9818180
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1041142

10	1	14.0	52	1266	0	0	9838162	9818181	10909089
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1229731

11	2	14.0	75	1847	1728	0	11069159	10909090	11999998
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Total number of pulses in waveform = 18

Waveform Num = 12

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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145359

1	3	17.0	75	1324	1617	1597	145359	0	631578	
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534246

2	1	17.0	78	1476	0	0	684143	631579	1263157	
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828696

3	2	17.0	70	1699	1781	0	1514315	1263158	1894736	
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818479

4	2	17.0	60	1210	1613	0	2336274	1894737	2526315	
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363141



5	1	17.0	58	1029	0	0	2702238	2526316	3157894
920452									
6	2	17.0	54	1321	2000	0	3623719	3157895	3789473
264510									
7	3	17.0	51	1344	1888	1033	3891550	3789474	4421052
535350									
8	1	17.0	69	1295	0	0	4431165	4421053	5052631
1153996									
9	1	17.0	52	1998	0	0	5586456	5052632	5684210
362212									
10	1	17.0	77	1414	0	0	5950666	5684211	6315789
983977									
11	3	17.0	54	1493	1748	1731	6936057	6315790	6947368
389190									
12	1	17.0	84	1131	0	0	7330219	6947369	7578947
295110									
13	2	17.0	56	1087	1101	0	7626460	7578948	8210526
1070593									
14	2	17.0	70	1551	1032	0	8699241	8210527	8842105
269806									
15	1	17.0	74	1887	0	0	8971630	8842106	9473684
804288									
16	2	17.0	98	1888	1470	0	9777805	9473685	10105263
419623									
17	1	17.0	66	1105	0	0	10200786	10105264	10736842
653281									
18	2	17.0	94	1606	1714	0	10855172	10736843	11368421
535249									
19	2	17.0	72	1433	1465	0	11393741	11368422	12000000



Total number of pulses in waveform = 33

Waveform Num = 13

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	86623	1	12.0	57	1663	0	0	86623	0	666666
2	1221382	2	12.0	69	1726	1990	0	1309668	666667	1333333
3	624308	3	12.0	63	1218	1975	1049	1937692	1333334	2000000
4	219949	3	12.0	71	1346	1255	1355	2161883	2000001	2666667
5	1127995	1	12.0	51	1524	0	0	3293834	2666668	3333334
6	183379	1	12.0	60	1756	0	0	3478737	3333335	4000001
7	776607	3	12.0	61	1118	1985	1379	4257100	4000002	4666668
8	753635	1	12.0	62	1112	0	0	5015217	4666669	5333335
9	674623	3	12.0	60	1549	1414	1792	5690952	5333336	6000002
10	374771	3	12.0	94	1018	1874	1075	6070478	6000003	6666669
	1225132									



11	1	12.0	83	1880	0	0	7299577	6666670	7333336
461092									
12	3	12.0	52	1539	1720	1069	7762549	7333337	8000003
627295									
13	2	12.0	83	1552	1806	0	8394172	8000004	8666670
524787									
14	1	12.0	70	1190	0	0	8922317	8666671	9333337
755209									
15	1	12.0	75	1559	0	0	9678716	9333338	10000004
902430									
16	3	12.0	94	1721	1575	1049	10582705	10000005	10666671
625176									
17	2	12.0	63	1700	1472	0	11212226	10666672	11333338
275633									
18	3	12.0	90	1295	1838	1697	11491031	11333339	12000005

Total number of pulses in waveform = 37



Waveform Num = 14

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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1357147

1	2	17.0	55	1362	1771	0	1357147	0	1499999	
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1480034

2	1	17.0	84	1060	0	0	2840314	1500000	2999999	
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614119

3	2	17.0	93	1904	1450	0	3455493	3000000	4499999	
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1818270

4	1	17.0	62	1281	0	0	5277117	4500000	5999999	
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903584

5	3	17.0	54	1140	1579	1735	6181982	6000000	7499999	
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2261786

6	1	17.0	68	1395	0	0	8448222	7500000	8999999	
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1871956

7	2	17.0	74	1056	1208	0	10321573	9000000	10499999	
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1309234

8	2	17.0	90	1149	1921	0	11633071	10500000	11999999	
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Total number of pulses in waveform = 14



Waveform Num = 15

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	135006	2	10.0	72	1613	1847	0	135006	0	666666
2	1159178	3	10.0	83	1042	1550	1084	1297644	666667	1333333
3	69441	1	10.0	84	1925	0	0	1370761	1333334	2000000
4	971869	3	10.0	82	1975	1492	1117	2344555	2000001	2666667
5	405029	2	10.0	65	1474	1697	0	2754168	2666668	3333334
6	1010868	3	10.0	77	1287	1561	1446	3768207	3333335	4000001
7	593392	2	10.0	76	1256	1280	0	4365893	4000002	4666668
8	934080	2	10.0	69	1209	1833	0	5302509	4666669	5333335
9	643989	3	10.0	57	1363	1748	1177	5949540	5333336	6000002
10	709664	1	10.0	63	1617	0	0	6663492	6000003	6666669
11	512623	2	10.0	56	1209	1736	0	7177732	6666670	7333336
	376515									



12	1	10.0	71	1969	0	0	7557192	7333337	8000003
846629									
13	1	10.0	62	1748	0	0	8405790	8000004	8666670
347571									
14	3	10.0	88	1088	1012	1102	8755109	8666671	9333337
824560									
15	3	10.0	95	1881	1348	1664	9582871	9333338	10000004
1000108									
16	2	10.0	70	1634	1527	0	10587872	10000005	10666671
581184									
17	1	10.0	90	1579	0	0	11172217	10666672	11333338
185187									
18	3	10.0	65	1363	1762	1327	11358983	11333339	12000005

Total number of pulses in waveform = 38



Waveform Num = 16

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	98322	2	6.0	91	1713	1295	0	98322	0	1199999
2	1506148	3	6.0	99	1036	1968	1974	1607478	1200000	2399999
3	1033721	3	6.0	92	1708	1548	1945	2646177	2400000	3599999
4	2097667	3	6.0	80	1256	1158	1301	4749045	3600000	4799999
5	1067499	1	6.0	83	1924	0	0	5820259	4800000	5999999
6	503800	2	6.0	70	1167	1763	0	6325983	6000000	7199999
7	1986986	2	6.0	92	1985	1681	0	8315899	7200000	8399999
8	979581	2	6.0	100	1966	1501	0	9299146	8400000	9599999
9	612602	3	6.0	59	1926	1826	1133	9915215	9600000	10799999
10	1537260	2	6.0	84	1806	1423	0	11457360	10800000	11999999

Total number of pulses in waveform = 23



Waveform Num = 17

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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565806

1	3	5.0	76	1402	1609	1639	565806	0	666666	
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410978

2	1	5.0	55	1372	0	0	981434	666667	1333333	
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862400

3	2	5.0	53	1273	1042	0	1845206	1333334	2000000	
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706039

4	2	5.0	50	1968	1514	0	2553560	2000001	2666667	
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484848

5	1	5.0	80	1473	0	0	3041890	2666668	3333334	
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527802

6	2	5.0	60	1535	1877	0	3571165	3333335	4000001	
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637712

7	1	5.0	55	1566	0	0	4212289	4000002	4666668	
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1088574

8	3	5.0	56	1217	1023	1212	5302429	4666669	5333335	
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589071

9	3	5.0	68	1509	1777	1557	5894952	5333336	6000002	
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515902

10	3	5.0	94	1213	1281	1760	6415697	6000003	6666669	
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733898

11	1	5.0	57	1765	0	0	7153849	6666670	7333336	
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654588



12 3 5.0 100 1600 1813 1912 7810202 7333337 8000003

319172

13 3 5.0 93 1085 1040 1245 8134699 8000004 8666670

961146

14 1 5.0 52 1095 0 0 9099215 8666671 9333337

737040

15 2 5.0 50 1161 1440 0 9837350 9333338 10000004

792700

16 1 5.0 62 1106 0 0 10632651 10000005 10666671

201514

17 2 5.0 68 1028 1260 0 10835271 10666672 11333338

520048

18 3 5.0 85 1901 1981 1513 11357607 11333339 12000005

Total number of pulses in waveform = 37



Waveform Num = 18

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	241229	1	7.0	92	1170	0	0	241229	0	799999
2	868520	1	7.0	100	1901	0	0	1110919	800000	1599999
3	1008841	1	7.0	68	1932	0	0	2121661	1600000	2399999
4	952857	3	7.0	51	1963	1029	1123	3076450	2400000	3199999
5	251788	2	7.0	85	1459	1290	0	3332353	3200000	3999999
6	1439158	2	7.0	85	1202	1787	0	4774260	4000000	4799999
7	567833	1	7.0	72	1468	0	0	5345082	4800000	5599999
8	484921	1	7.0	72	1663	0	0	5831471	5600000	6399999
9	1027093	3	7.0	80	1875	1508	1083	6860227	6400000	7199999
10	821830	1	7.0	79	1622	0	0	7686523	7200000	7999999
11	686219	1	7.0	97	1380	0	0	8374364	8000000	8799999
	725655									



12	2	7.0	55	1885	1836	0	9101399	8800000	9599999
927922									
13	2	7.0	58	1649	1429	0	10033042	9600000	10399999
672224									
14	2	7.0	100	1358	1500	0	10708344	10400000	11199999
815972									
15	2	7.0	73	1333	1886	0	11527174	11200000	11999999

Total number of pulses in waveform = 25



Waveform Num = 19

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	128777	1	18.0	95	1461	0	0	128777	0	799999
2	1443091	2	18.0	74	1165	1463	0	1573329	800000	1599999
3	83920	2	18.0	71	1963	1912	0	1659877	1600000	2399999
4	788415	3	18.0	67	1304	1049	1734	2452167	2400000	3199999
5	811734	1	18.0	78	1149	0	0	3267988	3200000	3999999
6	921861	1	18.0	59	1696	0	0	4190998	4000000	4799999
7	813529	3	18.0	94	1592	1161	1693	5006223	4800000	5599999
8	873770	3	18.0	60	1286	1960	1528	5884439	5600000	6399999
9	1104978	3	18.0	58	1197	1828	1625	6994191	6400000	7199999
10	261457	3	18.0	55	1671	1326	1827	7260298	7200000	7999999
11	847013	3	18.0	69	1103	1181	1944	8112135	8000000	8799999
	1417523									



12	2	18.0	67	1439	1929	0	9533886	8800000	9599999
672247									
13	2	18.0	78	1448	1792	0	10209501	9600000	10399999
741771									
14	2	18.0	100	1612	1865	0	10954512	10400000	11199999
635465									
15	1	18.0	93	1889	0	0	11593454	11200000	11999999

Total number of pulses in waveform = 32



Waveform Num = 20

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	246495	1	12.0	75	1617	0	0	246495	0	599999
2	841945	3	12.0	69	1513	1202	1934	1090057	600000	1199999
3	471362	3	12.0	78	1248	1774	1352	1566068	1200000	1799999
4	419869	1	12.0	64	1039	0	0	1990311	1800000	2399999
5	552634	3	12.0	95	1407	1963	1932	2543984	2400000	2999999
6	911470	3	12.0	95	1995	1970	1539	3460756	3000000	3599999
7	208670	2	12.0	54	1176	1369	0	3674930	3600000	4199999
8	628927	2	12.0	51	1495	1637	0	4306402	4200000	4799999
9	506220	1	12.0	89	1120	0	0	4815754	4800000	5399999
10	1174309	3	12.0	68	1953	1762	1082	5991183	5400000	5999999
11	575210	2	12.0	67	1496	1030	0	6571190	6000000	6599999
	502663									



12	2	12.0	94	1678	1991	0	7076379	6600000	7199999
656036									
13	2	12.0	69	1260	1374	0	7736084	7200000	7799999
220387									
14	1	12.0	69	1171	0	0	7959105	7800000	8399999
738400									
15	2	12.0	99	1503	1312	0	8698676	8400000	8999999
725042									
16	3	12.0	57	1266	1834	1122	9426533	9000000	9599999
441555									
17	2	12.0	57	1220	1598	0	9872310	9600000	10199999
403623									
18	1	12.0	76	1278	0	0	10278751	10200000	10799999
572561									
19	1	12.0	83	1955	0	0	10852590	10800000	11399999
896129									
20	2	12.0	52	1997	1855	0	11750674	11400000	11999999

Total number of pulses in waveform = 40



Waveform Num = 21

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	271853	1	8.0	82	1861	0	0	271853	0	631578
2	629761	2	8.0	89	1180	1345	0	903475	631579	1263157
3	630828	1	8.0	88	1512	0	0	1536828	1263158	1894736
4	524202	3	8.0	55	1411	1407	1670	2062542	1894737	2526315
5	547947	1	8.0	95	1424	0	0	2614977	2526316	3157894
6	1045576	1	8.0	84	1546	0	0	3661977	3157895	3789473
7	172072	3	8.0	92	1421	1006	1858	3835595	3789474	4421052
8	848564	1	8.0	93	1717	0	0	4688444	4421053	5052631
9	690108	3	8.0	56	1294	1200	1227	5380269	5052632	5684210
10	579226	1	8.0	58	1730	0	0	5963216	5684211	6315789
11	837570	2	8.0	88	1638	1204	0	6802516	6315790	6947368
	618057									



12	2	8.0	60	1865	1295	0	7423415	6947369	7578947
175080									
13	2	8.0	89	1731	1768	0	7601655	7578948	8210526
674714									
14	3	8.0	79	1277	1000	1489	8279868	8210527	8842105
618705									
15	2	8.0	97	1886	1454	0	8902339	8842106	9473684
1108328									
16	2	8.0	83	1848	1638	0	10014007	9473685	10105263
576194									
17	3	8.0	95	1692	1590	1208	10593687	10105264	10736842
342335									
18	2	8.0	100	1075	1860	0	10940512	10736843	11368421
817469									
19	2	8.0	53	1320	1847	0	11760916	11368422	12000000

Total number of pulses in waveform = 37



Waveform Num = 22

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	711482	1	17.0	64	1789	0	0	711482	0	1333332
2	1596923	3	17.0	63	1327	1537	1966	2310194	1333333	2666665
3	485235	2	17.0	66	1438	1200	0	2800259	2666666	3999998
4	2527186	1	17.0	85	1429	0	0	5330083	3999999	5333331
5	1216152	3	17.0	75	1596	1698	1699	6547664	5333332	6666664
6	1261557	1	17.0	73	1524	0	0	7814214	6666665	7999997
7	948974	3	17.0	82	1525	1924	1460	8764712	7999998	9333330
8	588362	1	17.0	51	1668	0	0	9357983	9333331	10666663
9	2336236	2	17.0	71	1897	1896	0	11695887	10666664	11999996

Total number of pulses in waveform = 17



Waveform Num = 23

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	192180	2	16.0	97	1205	1878	0	192180	0	666666
2	1089759	1	16.0	71	1377	0	0	1285022	666667	1333333
3	677012	1	16.0	77	1801	0	0	1963411	1333334	2000000
4	426840	3	16.0	89	1059	1137	1433	2392052	2000001	2666667
5	289712	2	16.0	89	1610	1594	0	2685393	2666668	3333334
6	717644	3	16.0	59	1064	1766	1988	3406241	3333335	4000001
7	625373	3	16.0	59	1407	1362	1459	4036432	4000002	4666668
8	927000	3	16.0	82	1255	1060	1756	4967660	4666669	5333335
9	596287	3	16.0	97	1066	1856	1886	5568018	5333336	6000002
10	471495	1	16.0	97	1259	0	0	6044321	6000003	6666669
11	1165533	3	16.0	56	1859	1495	1023	7211113	6666670	7333336
	320550									



12	3	16.0	92	1692	1248	1370	7536040	7333337	8000003
1084627									
13	1	16.0	84	1696	0	0	8624977	8000004	8666670
199658									
14	2	16.0	62	1522	1928	0	8826331	8666671	9333337
1162118									
15	1	16.0	97	1226	0	0	9991899	9333338	10000004
565969									
16	1	16.0	88	1866	0	0	10559094	10000005	10666671
398403									
17	1	16.0	71	1788	0	0	10959363	10666672	11333338
563226									
18	1	16.0	96	1325	0	0	11524377	11333339	12000005

Total number of pulses in waveform = 35



Waveform Num = 24

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	129659	3	15.0	77	1153	1923	1119	129659	0	1199999
2	1425969	3	15.0	54	1149	1204	1232	1559823	1200000	2399999
3	1748581	1	15.0	68	1398	0	0	3311989	2400000	3599999
4	895506	2	15.0	87	1105	1279	0	4208893	3600000	4799999
5	743849	2	15.0	63	1543	1643	0	4955126	4800000	5999999
6	1248117	3	15.0	61	1907	1820	1398	6206429	6000000	7199999
7	991858	3	15.0	68	1134	1543	1656	7203412	7200000	8399999
8	1666250	1	15.0	92	1135	0	0	8873995	8400000	9599999
9	1724114	2	15.0	93	1743	1483	0	10599244	9600000	10799999
10	1335350	3	15.0	96	1601	1948	1040	11937820	10800000	11999999

Total number of pulses in waveform = 23



Waveform Num = 25

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	526009	1	7.0	61	1860	0	0	526009	0	631578
2	570365	3	7.0	69	1715	1879	1410	1098234	631579	1263157
3	570801	1	7.0	66	1803	0	0	1674039	1263158	1894736
4	756651	2	7.0	90	1088	1087	0	2432493	1894737	2526315
5	307070	1	7.0	77	1215	0	0	2741738	2526316	3157894
6	851455	2	7.0	80	1293	1266	0	3594408	3157895	3789473
7	597237	3	7.0	55	1088	1174	1377	4194204	3789474	4421052
8	772594	3	7.0	90	1015	1224	1080	4970437	4421053	5052631
9	116440	1	7.0	75	1196	0	0	5090196	5052632	5684210
10	688218	1	7.0	83	1498	0	0	5779610	5684211	6315789
11	1077764	2	7.0	87	1784	1783	0	6858872	6315790	6947368
	195887									



12	1	7.0	80	1072	0	0	7058326	6947369	7578947
670246									
13	2	7.0	63	1933	1195	0	7729644	7578948	8210526
911426									
14	3	7.0	87	1560	1640	1534	8644198	8210527	8842105
373779									
15	2	7.0	68	1239	1455	0	9022711	8842106	9473684
593091									
16	2	7.0	81	1862	1660	0	9618496	9473685	10105263
1020704									
17	1	7.0	86	1844	0	0	10642722	10105264	10736842
578640									
18	1	7.0	72	1703	0	0	11223206	10736843	11368421
333158									
19	1	7.0	100	1845	0	0	11558067	11368422	12000000

Total number of pulses in waveform = 33



Waveform Num = 26

Num of Bursts = 11

Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	533271	3	11.0	54	1237	1882	1103	533271	0	1090908
2	1055258	2	11.0	73	1866	1437	0	1592751	1090909	2181817
3	808269	1	11.0	77	1917	0	0	2404323	2181818	3272726
4	1760000	2	11.0	61	1186	1439	0	4166240	3272727	4363635
5	659402	2	11.0	63	1545	1663	0	4828267	4363636	5454544
6	1631273	3	11.0	93	1135	1052	1818	6462748	5454545	6545453
7	700895	3	11.0	50	1981	1468	1940	7167648	6545454	7636362
8	528689	1	11.0	91	1535	0	0	7701726	7636363	8727271
9	1468704	3	11.0	76	1561	1936	1777	9171965	8727272	9818180
10	1083008	2	11.0	67	1351	1656	0	10260247	9818181	10909089
11	1410572	1	11.0	84	1746	0	0	11673826	10909090	11999998

Total number of pulses in waveform = 23



Waveform Num = 27

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	839957	3	17.0	69	1761	1175	1035	839957	0	857142
2	470065	1	17.0	56	1061	0	0	1313993	857143	1714285
3	841080	1	17.0	82	1972	0	0	2156134	1714286	2571428
4	488997	1	17.0	90	1540	0	0	2647103	2571429	3428571
5	947036	3	17.0	65	1823	1121	1343	3595679	3428572	4285714
6	825604	1	17.0	75	1254	0	0	4425570	4285715	5142857
7	957586	1	17.0	87	1987	0	0	5384410	5142858	6000000
8	822648	1	17.0	82	1071	0	0	6209045	6000001	6857143
9	963157	2	17.0	99	1477	1231	0	7173273	6857144	7714286
10	981449	2	17.0	91	1864	1010	0	8157430	7714287	8571429
11	785264	2	17.0	64	1734	1803	0	8945568	8571430	9428572
	985660									



12	2	17.0	91	1086	1738	0	9934765	9428573	10285715
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596857

13	1	17.0	64	1439	0	0	10534446	10285716	11142858
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1080522

14	1	17.0	71	1144	0	0	11616407	11142859	12000001
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Total number of pulses in waveform = 22



Waveform Num = 28

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	456215	2	15.0	57	1116	1398	0	456215	0	631578
2	237433	2	15.0	55	1964	1701	0	696162	631579	1263157
3	581439	2	15.0	73	1991	1683	0	1281266	1263158	1894736
4	819509	3	15.0	56	1949	1554	1153	2104449	1894737	2526315
5	858215	1	15.0	85	1167	0	0	2967320	2526316	3157894
6	428443	3	15.0	68	1350	1784	1871	3396930	3157895	3789473
7	558415	2	15.0	53	1858	1134	0	3960350	3789474	4421052
8	731821	2	15.0	100	1067	1753	0	4695163	4421053	5052631
9	854785	3	15.0	97	1430	1213	1162	5552768	5052632	5684210
10	727333	1	15.0	76	1853	0	0	6283906	5684211	6315789
11	304456	3	15.0	75	1377	1440	1419	6590215	6315790	6947368
	593190									



12 3 15.0 67 1112 1901 1594 7187641 6947369 7578947

447092

13 2 15.0 98 1126 1776 0 7639340 7578948 8210526

928102

14 3 15.0 56 1220 1743 1272 8570344 8210527 8842105

367080

15 1 15.0 99 1617 0 0 8941659 8842106 9473684

789715

16 3 15.0 77 1885 1718 1661 9732991 9473685 10105263

829356

17 3 15.0 65 1234 1115 1157 10567611 10105264 10736842

375344

18 1 15.0 50 1383 0 0 10946461 10736843 11368421

816994

19 3 15.0 97 1855 1123 1287 11764838 11368422 12000000

Total number of pulses in waveform = 43



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)
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Total number of pulses in waveform = 26



Waveform Num = 30

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	348574	1	15.0	84	1128	0	0	348574	0	705881
2	975916	1	15.0	83	1862	0	0	1325618	705882	1411763
3	590177	3	15.0	73	1138	1060	1948	1917657	1411764	2117645
4	298886	3	15.0	57	1290	1417	1168	2220689	2117646	2823527
5	608300	1	15.0	95	1141	0	0	2832864	2823528	3529409
6	1360844	1	15.0	100	1085	0	0	4194849	3529410	4235291
7	614602	3	15.0	55	1714	1121	1859	4810536	4235292	4941173
8	161792	2	15.0	56	1685	1419	0	4977022	4941174	5647055
9	1216113	1	15.0	95	1278	0	0	6196239	5647056	6352937
10	330488	3	15.0	67	1671	1318	1102	6528005	6352938	7058819
11	825053	2	15.0	52	1103	1413	0	7357149	7058820	7764701
	743297									



12	3	15.0	62	1217	1582	1163	8102962	7764702	8470583
609852									
13	1	15.0	87	1865	0	0	8716776	8470584	9176465
758282									
14	3	15.0	69	1556	1130	1677	9476923	9176466	9882347
1038408									
15	1	15.0	62	1393	0	0	10519694	9882348	10588229
318656									
16	2	15.0	58	1682	1217	0	10839743	10588230	11294111
631224									
17	3	15.0	65	1918	1153	1060	11473866	11294112	11999993

Total number of pulses in waveform = 34

40 MHz Bandwidth

Random DFS waveform parameters (NewBin5) 12-Apr-2018 16:08:58

Waveform Num = 1

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
44815										
1	2	9.0	94	1380	1022	0	44815	0	1199999	
1842198										
2	3	9.0	87	1177	1666	1755	1889415	1200000	2399999	
1501423										



3	1	9.0	85	1813	0	0	3395436	2400000	3599999
1356155									
4	2	9.0	67	1446	1983	0	4753404	3600000	4799999
890366									
5	2	9.0	84	1380	1329	0	5647199	4800000	5999999
991381									
6	2	9.0	69	1791	1539	0	6641289	6000000	7199999
1657373									
7	3	9.0	84	1081	1566	1222	8301992	7200000	8399999
307886									
8	3	9.0	95	1481	1725	1994	8613747	8400000	9599999
1498852									
9	2	9.0	65	1759	1188	0	10117799	9600000	10799999
852053									
10	2	9.0	90	1976	1659	0	10972799	10800000	11999999

Total number of pulses in waveform = 22



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	334680	1	16.0	92	1888	0	0	334680	0	1333332
2	1640240	3	16.0	86	1957	1467	1188	1976808	1333333	2666665
3	1766670	1	16.0	82	1272	0	0	3748090	2666666	3999998
4	580037	3	16.0	97	1042	1572	1653	4329399	3999999	5333331
5	1899307	1	16.0	90	1824	0	0	6232973	5333332	6666664
6	1627651	1	16.0	84	1768	0	0	7862448	6666665	7999997
7	477147	2	16.0	51	1080	1604	0	8341363	7999998	9333330
8	1385622	3	16.0	53	1669	1875	1500	9729669	9333331	10666663
9	1392856	1	16.0	68	1158	0	0	11127569	10666664	11999996

Total number of pulses in waveform = 16



Waveform Num = 3

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	340234	2	11.0	94	1486	1031	0	340234	0	599999
2	417649	3	11.0	83	1884	1236	1933	760400	600000	1199999
3	850619	1	11.0	66	1446	0	0	1616072	1200000	1799999
4	257780	1	11.0	88	1114	0	0	1875298	1800000	2399999
5	655355	2	11.0	85	1687	1853	0	2531767	2400000	2999999
6	881260	3	11.0	76	1266	1801	1861	3416567	3000000	3599999
7	547696	1	11.0	69	1482	0	0	3969191	3600000	4199999
8	451310	1	11.0	78	1674	0	0	4421983	4200000	4799999
9	716414	1	11.0	58	1395	0	0	5140071	4800000	5399999
10	665593	1	11.0	84	1236	0	0	5807059	5400000	5999999
11	740509	2	11.0	53	1119	1940	0	6548804	6000000	6599999
	454720									



12	2	11.0	76	1471	1283	0	7006583	6600000	7199999
299201									
13	2	11.0	87	1352	1653	0	7308538	7200000	7799999
564828									
14	2	11.0	90	1474	1378	0	7876371	7800000	8399999
992773									
15	1	11.0	69	1501	0	0	8871996	8400000	8999999
547562									
16	2	11.0	95	1409	1953	0	9421059	9000000	9599999
639037									
17	2	11.0	80	1292	1651	0	10063458	9600000	10199999
644066									
18	2	11.0	61	1882	1042	0	10710467	10200000	10799999
256276									
19	2	11.0	53	1147	1360	0	10969667	10800000	11399999
738780									
20	1	11.0	64	1096	0	0	11710954	11400000	11999999

Total number of pulses in waveform = 34



Waveform Num = 4

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1157358										
1	1	11.0	100	1611	0	0	1157358	0	1199999	
1197931										
2	2	11.0	79	1046	1343	0	2356900	1200000	2399999	
61818										
3	1	11.0	94	1047	0	0	2421107	2400000	3599999	
1593736										
4	2	11.0	93	1581	1891	0	4015890	3600000	4799999	
1674698										
5	3	11.0	80	1442	1844	1213	5694060	4800000	5999999	
1442722										
6	1	11.0	96	1168	0	0	7141281	6000000	7199999	
118165										
7	1	11.0	91	1072	0	0	7260614	7200000	8399999	
1641075										
8	3	11.0	90	1576	1230	1111	8902761	8400000	9599999	
1021201										
9	1	11.0	87	1006	0	0	9927879	9600000	10799999	
1956652										
10	1	11.0	63	1420	0	0	11885537	10800000	11999999	

Total number of pulses in waveform = 16



Waveform Num = 5

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	93662	2	18.0	52	1235	1850	0	93662	0	705881
2	1108067	1	18.0	65	1378	0	0	1204814	705882	1411763
3	635453	3	18.0	100	1014	1585	1221	1841645	1411764	2117645
4	470329	2	18.0	90	1170	1897	0	2315794	2117646	2823527
5	1202095	1	18.0	76	1479	0	0	3520956	2823528	3529409
6	107150	1	18.0	63	1225	0	0	3629585	3529410	4235291
7	748460	3	18.0	84	1855	1182	1814	4379270	4235292	4941173
8	981016	1	18.0	55	1314	0	0	5365137	4941174	5647055
9	285096	1	18.0	73	1890	0	0	5651547	5647056	6352937
10	1287621	1	18.0	60	1564	0	0	6941058	6352938	7058819
11	501481	2	18.0	97	1547	1089	0	7444103	7058820	7764701
	606205									



12 2 18.0 72 1760 1995 0 8052944 7764702 8470583

1065648

13 3 18.0 76 1510 1708 1730 9122347 8470584 9176465

652672

14 1 18.0 81 1603 0 0 9779967 9176466 9882347

153567

15 3 18.0 79 1811 1776 1378 9935137 9882348 10588229

715120

16 1 18.0 64 1989 0 0 10655222 10588230 11294111

1038319

17 3 18.0 57 1208 1299 1002 11695530 11294112 11999993

Total number of pulses in waveform = 31



Waveform Num = 6

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 (us)	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
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12 2 7.0 54 1294 1885 0 8819961 8800000 9599999

1318438

13 3 7.0 59 1062 1266 1096 10141578 9600000 10399999

501462

14 1 7.0 87 1807 0 0 10646464 10400000 11199999

1341288

15 1 7.0 58 1378 0 0 11989559 11200000 11999999

Total number of pulses in waveform = 28



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)
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738418

1	1	11.0	66	1789	0	0	738418	0	749999	
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162358

2	3	11.0	65	1931	1118	1785	902565	750000	1499999	
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800967

3	2	11.0	90	1000	1335	0	1708366	1500000	2249999	
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948465

4	3	11.0	60	1120	1128	1461	2659166	2250000	2999999	
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510003

5	1	11.0	77	1280	0	0	3172878	3000000	3749999	
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811840

6	2	11.0	51	1352	1554	0	3985998	3750000	4499999	
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871978

7	2	11.0	73	1298	1427	0	4860882	4500000	5249999	
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599492

8	3	11.0	99	1929	1243	1443	5463099	5250000	5999999	
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611147

9	2	11.0	92	1174	1149	0	6078861	6000000	6749999	
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1015653

10	1	11.0	76	1945	0	0	7096837	6750000	7499999	
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716910

11	3	11.0	72	1836	1595	1216	7815692	7500000	8249999	
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440630



12	3	11.0	91	1716	1770	1718	8260969	8250000	8999999
1462486									
13	1	11.0	74	1504	0	0	9728659	9000000	9749999
538911									
14	2	11.0	51	1575	1118	0	10269074	9750000	10499999
416258									
15	2	11.0	71	1746	1430	0	10688025	10500000	11249999
618724									
16	2	11.0	94	1426	1438	0	11309925	11250000	11999999

Total number of pulses in waveform = 33



Waveform Num = 8

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	490287	1	8.0	82	1212	0	0	490287	0	666666
2	675340	2	8.0	70	1903	1170	0	1166839	666667	1333333
3	771844	2	8.0	58	1168	1257	0	1941756	1333334	2000000
4	248931	2	8.0	69	1496	1438	0	2193112	2000001	2666667
5	748291	3	8.0	61	1254	1968	1506	2944337	2666668	3333334
6	483402	2	8.0	79	1020	1712	0	3432467	3333335	4000001
7	745937	2	8.0	53	1575	1910	0	4181136	4000002	4666668
8	801592	1	8.0	51	1996	0	0	4986213	4666669	5333335
9	672766	3	8.0	95	1827	1336	1793	5660975	5333336	6000002
10	706148	1	8.0	78	1026	0	0	6372079	6000003	6666669
11	542102	3	8.0	93	1135	1125	1047	6915207	6666670	7333336
	825515									



12	1	8.0	57	1262	0	0	7744029	7333337	8000003
454561									
13	1	8.0	78	1605	0	0	8199852	8000004	8666670
858529									
14	1	8.0	88	1622	0	0	9059986	8666671	9333337
676936									
15	2	8.0	79	1240	1776	0	9738544	9333338	10000004
300123									
16	3	8.0	78	1348	1867	1989	10041683	10000005	10666671
1022517									
17	3	8.0	55	1926	1662	1555	11069404	10666672	11333338
273998									
18	2	8.0	64	1212	1650	0	11348545	11333339	12000005

Total number of pulses in waveform = 35



Waveform Num = 9

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	282011	1	10.0	94	1224	0	0	282011	0	705881
2	456614	3	10.0	65	1641	1453	1817	739849	705882	1411763
3	1130263	2	10.0	96	1907	1533	0	1875023	1411764	2117645
4	823836	2	10.0	75	1370	1088	0	2702299	2117646	2823527
5	394715	1	10.0	91	1134	0	0	3099472	2823528	3529409
6	748564	3	10.0	62	1490	1997	1358	3849170	3529410	4235291
7	879755	2	10.0	95	1020	1985	0	4733770	4235292	4941173
8	796859	2	10.0	82	1501	1402	0	5533634	4941174	5647055
9	737694	2	10.0	77	1707	1825	0	6274231	5647056	6352937
10	766174	2	10.0	52	1426	1226	0	7043937	6352938	7058819
11	268552	1	10.0	55	1189	0	0	7315141	7058820	7764701
	606236									



12 3 10.0 60 1281 1059 1198 7922566 7764702 8470583

793472

13 2 10.0 91 1611 1398 0 8719576 8470584 9176465

1133334

14 3 10.0 82 1973 1834 1908 9855919 9176466 9882347

103406

15 2 10.0 65 1982 1277 0 9965040 9882348 10588229

870240

16 2 10.0 95 1977 1532 0 10838539 10588230 11294111

622088

17 3 10.0 74 1351 1381 1601 11464136 11294112 11999993

Total number of pulses in waveform = 36



Waveform Num = 10

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	284861	1	20.0	71	1154	0	0	284861	0	666666
2	771584	3	20.0	98	1861	1668	1696	1057599	666667	1333333
3	872654	2	20.0	51	1745	1471	0	1935478	1333334	2000000
4	107198	2	20.0	61	1084	1427	0	2045892	2000001	2666667
5	1053749	3	20.0	56	1912	1378	1608	3102152	2666668	3333334
6	290909	2	20.0	67	1969	1697	0	3397959	3333335	4000001
7	623944	1	20.0	92	1847	0	0	4025569	4000002	4666668
8	1017219	1	20.0	59	1259	0	0	5044635	4666669	5333335
9	639906	2	20.0	66	1271	1944	0	5685800	5333336	6000002
10	575366	3	20.0	58	1693	1720	1684	6264381	6000003	6666669
11	856345	1	20.0	76	1905	0	0	7125823	6666670	7333336
	302571									



12	1	20.0	68	1951	0	0	7430299	7333337	8000003
1205547									
13	3	20.0	53	1324	1259	1965	8637797	8000004	8666670
440633									
14	2	20.0	51	1538	1030	0	9082978	8666671	9333337
874257									
15	3	20.0	96	1331	1243	1360	9959803	9333338	10000004
319874									
16	2	20.0	82	1775	1660	0	10283611	10000005	10666671
881271									
17	3	20.0	70	1625	1370	1018	11168317	10666672	11333338
290960									
18	3	20.0	72	1925	1168	1038	11463290	11333339	12000005

Total number of pulses in waveform = 38



Waveform Num = 11

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	295164	2	16.0	82	1493	1731	0	295164	0	705881
2	627227	1	16.0	54	1425	0	0	925615	705882	1411763
3	531815	1	16.0	54	1057	0	0	1458855	1411764	2117645
4	970864	3	16.0	50	1150	1623	1203	2430776	2117646	2823527
5	753397	2	16.0	86	1778	1889	0	3188149	2823528	3529409
6	487004	2	16.0	100	1248	1820	0	3678820	3529410	4235291
7	1020817	2	16.0	88	1834	1954	0	4702705	4235292	4941173
8	395841	2	16.0	77	1650	1921	0	5102334	4941174	5647055
9	1139450	3	16.0	68	1513	1379	1997	6245355	5647056	6352937
10	554624	1	16.0	98	1963	0	0	6804868	6352938	7058819
11	760422	2	16.0	62	1648	1333	0	7567253	7058820	7764701
	301950									



12 2 16.0 64 1725 1538 0 7872184 7764702 8470583
796560

13 1 16.0 63 1434 0 0 8672007 8470584 9176465
555805

14 2 16.0 84 1292 1062 0 9229246 9176466 9882347
993288

15 1 16.0 53 1835 0 0 10224888 9882348 10588229
384182

16 1 16.0 91 1533 0 0 10610905 10588230 11294111
885858

17 3 16.0 57 1412 1519 1617 11498296 11294112 11999993

Total number of pulses in waveform = 31



Waveform Num = 12

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	552004	2	13.0	72	1865	1885	0	552004	0	1199999
2	928456	3	13.0	67	1075	1197	1194	1484210	1200000	2399999
3	1998713	3	13.0	75	1816	1244	1549	3486389	2400000	3599999
4	1087418	1	13.0	66	1463	0	0	4578416	3600000	4799999
5	1124140	3	13.0	73	1096	1153	1474	5704019	4800000	5999999
6	1126903	1	13.0	73	1473	0	0	6834645	6000000	7199999
7	692529	1	13.0	58	1422	0	0	7528647	7200000	8399999
8	1847986	3	13.0	94	1315	1968	1937	9378055	8400000	9599999
9	434161	1	13.0	85	1173	0	0	9817436	9600000	10799999
10	2086612	3	13.0	51	1968	1236	1663	11905221	10800000	11999999

Total number of pulses in waveform = 21



Waveform Num = 13

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	3197	3	7.0	100	1532	1988	1194	3197	0	705881
2	1359357	3	7.0	78	1471	1647	1729	1367268	705882	1411763
3	521549	3	7.0	50	1128	1811	1494	1893664	1411764	2117645
4	259392	3	7.0	59	1491	1030	1358	2157489	2117646	2823527
5	1345994	3	7.0	62	1764	1914	1918	3507362	2823528	3529409
6	491682	3	7.0	77	1266	1352	1333	4004640	3529410	4235291
7	717852	3	7.0	94	1237	1054	1594	4726443	4235292	4941173
8	600229	1	7.0	80	1796	0	0	5330557	4941174	5647055
9	542521	1	7.0	58	1624	0	0	5874874	5647056	6352937
10	955502	1	7.0	56	1089	0	0	6832000	6352938	7058819
11	285568	1	7.0	54	1877	0	0	7118657	7058820	7764701
	1030442									



12 2 7.0 93 1931 1027 0 8150976 7764702 8470583

426400

13 1 7.0 58 1927 0 0 8580334 8470584 9176465

656288

14 2 7.0 52 1929 1516 0 9238549 9176466 9882347

876200

15 3 7.0 82 1464 1224 1820 10118194 9882348 10588229

1160604

16 1 7.0 72 1411 0 0 11283306 10588230 11294111

536915

17 2 7.0 65 1528 1391 0 11821632 11294112 11999993

Total number of pulses in waveform = 36



Waveform Num = 14

Num of Bursts = 11

Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	127783	3	20.0	51	1143	1968	1319	127783	0	1090908
2	1502195	1	20.0	94	1801	0	0	1634408	1090909	2181817
3	1019768	2	20.0	50	1922	1669	0	2655977	2181818	3272726
4	614013	1	20.0	62	1833	0	0	3273581	3272727	4363635
5	1916023	1	20.0	95	1096	0	0	5191437	4363636	5454544
6	480685	3	20.0	53	1474	1645	1344	5673218	5454545	6545453
7	1566399	1	20.0	68	1786	0	0	7244080	6545454	7636362
8	996753	3	20.0	52	1058	1905	1509	8242619	7636363	8727271
9	899976	3	20.0	65	1586	1000	1973	9147067	8727272	9818180
10	792076	3	20.0	87	1056	1779	1938	9943702	9818181	10909089
11	1810215	3	20.0	85	1128	1853	1463	11758690	10909090	11999998

Total number of pulses in waveform = 24



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Testing since 1963



Waveform Num = 15

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	27308	1	7.0	90	1640	0	0	27308	0	999999
2	1567775	3	7.0	87	1360	1068	1019	1596723	1000000	1999999
3	404553	2	7.0	79	1972	1055	0	2004723	2000000	2999999
4	1617940	2	7.0	68	1029	1292	0	3625690	3000000	3999999
5	834957	1	7.0	91	1729	0	0	4462968	4000000	4999999
6	1132115	1	7.0	76	1590	0	0	5596812	5000000	5999999
7	714269	3	7.0	53	1281	1703	1220	6312671	6000000	6999999
8	813873	2	7.0	75	1067	1062	0	7130748	7000000	7999999
9	1025105	3	7.0	68	1095	1353	1313	8157982	8000000	8999999
10	1256658	2	7.0	54	1107	1287	0	9418401	9000000	9999999
11	1236575	3	7.0	84	1851	1168	1706	10657370	10000000	10999999
	1016469									



12 1 7.0 92 1458 0 0 11678564 11000000 11999999

Total number of pulses in waveform = 24



Waveform Num = 16

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	418787	3	19.0	100	1692	1008	1856	418787	0	1199999
2	1344649	3	19.0	58	1035	1697	1173	1767992	1200000	2399999
3	1608598	3	19.0	68	1688	1076	1624	3380495	2400000	3599999
4	295091	3	19.0	84	1138	1716	1815	3679974	3600000	4799999
5	2062018	2	19.0	73	1969	1447	0	5746661	4800000	5999999
6	687317	3	19.0	95	1117	1832	1919	6437394	6000000	7199999
7	1163636	1	19.0	97	1022	0	0	7605898	7200000	8399999
8	1375975	2	19.0	72	1121	1967	0	8982895	8400000	9599999
9	1231477	1	19.0	55	1931	0	0	10217460	9600000	10799999
10	952822	1	19.0	68	1345	0	0	11172213	10800000	11999999

Total number of pulses in waveform = 22



Waveform Num = 17

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	539143	1	6.0	93	1609	0	0	539143	0	1199999
2	1436918	3	6.0	56	1266	1545	1469	1977670	1200000	2399999
3	552782	1	6.0	82	1106	0	0	2534732	2400000	3599999
4	2118655	1	6.0	81	1464	0	0	4654493	3600000	4799999
5	617920	1	6.0	85	1772	0	0	5273877	4800000	5999999
6	1265744	2	6.0	61	1559	1933	0	6541393	6000000	7199999
7	1127879	3	6.0	88	1338	1676	1242	7672764	7200000	8399999
8	902262	1	6.0	89	1843	0	0	8579282	8400000	9599999
9	2032837	3	6.0	86	1883	1887	1630	10613962	9600000	10799999
10	490071	2	6.0	75	1898	1929	0	11109433	10800000	11999999

Total number of pulses in waveform = 18



Waveform Num = 18

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	75500	3	13.0	76	1592	1983	1157	75500	0	799999
2	1200997	1	13.0	55	1893	0	0	1281229	800000	1599999
3	1013684	3	13.0	95	1683	1971	1113	2296806	1600000	2399999
4	520884	2	13.0	73	1312	1245	0	2822457	2400000	3199999
5	553468	2	13.0	79	1570	1453	0	3378482	3200000	3999999
6	1378024	1	13.0	61	1358	0	0	4759529	4000000	4799999
7	148674	3	13.0	50	1808	1425	1618	4909561	4800000	5599999
8	1332718	2	13.0	83	1394	1273	0	6247130	5600000	6399999
9	569465	2	13.0	51	1705	1302	0	6819262	6400000	7199999
10	1128977	1	13.0	69	1187	0	0	7951246	7200000	7999999
11	789736	2	13.0	87	1268	1278	0	8742169	8000000	8799999
	331050									



12 1 13.0 83 1143 0 0 9075765 8800000 9599999

798851

13 2 13.0 95 1476 1220 0 9875759 9600000 10399999

623396

14 3 13.0 51 1386 1433 1338 10501851 10400000 11199999

820913

15 3 13.0 52 1905 1999 1610 11326921 11200000 11999999

Total number of pulses in waveform = 31



Waveform Num = 19

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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1399720

1	2	20.0	78	1092	1425	0	1399720	0	1499999	
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586293

2	1	20.0	89	1353	0	0	1988530	1500000	2999999	
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1310073

3	1	20.0	98	1659	0	0	3299956	3000000	4499999	
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1814464

4	3	20.0	54	1844	1872	1746	5116079	4500000	5999999	
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2298359

5	2	20.0	66	1466	1962	0	7419900	6000000	7499999	
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462587

6	1	20.0	80	1390	0	0	7885915	7500000	8999999	
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1301597

7	2	20.0	81	1152	1948	0	9188902	9000000	10499999	
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2612941

8	3	20.0	100	1288	1916	1232	11804943	10500000	11999999	
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Total number of pulses in waveform = 15



Waveform Num = 20

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	125934	3	15.0	58	1053	1427	1090	125934	0	1199999
2	1334213	1	15.0	76	1160	0	0	1463717	1200000	2399999
3	1555338	1	15.0	97	1127	0	0	3020215	2400000	3599999
4	1436997	2	15.0	75	1998	1949	0	4458339	3600000	4799999
5	1038030	2	15.0	93	1993	1321	0	5500316	4800000	5999999
6	1295215	2	15.0	84	1787	1183	0	6798845	6000000	7199999
7	1328267	2	15.0	74	1956	1531	0	8130082	7200000	8399999
8	276463	2	15.0	70	1250	1357	0	8410032	8400000	9599999
9	2122330	1	15.0	76	1080	0	0	10534969	9600000	10799999
10	1028496	2	15.0	83	1826	1749	0	11564545	10800000	11999999

Total number of pulses in waveform = 18



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 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 (us)	Start Loc	Start Burst	End Burst
1	393222	2	6.0	92	1391	1352	0	393222	0	857142	
2	926788	1	6.0	67	1551	0	0	1322753	857143	1714285	
3	447457	1	6.0	77	1307	0	0	1771761	1714286	2571428	
4	1180608	3	6.0	90	1259	1421	1135	2953676	2571429	3428571	
5	711039	3	6.0	95	1079	1933	1507	3668530	3428572	4285714	
6	1382367	1	6.0	77	1731	0	0	5055416	4285715	5142857	
7	156583	3	6.0	83	1322	1840	1589	5213730	5142858	6000000	
8	810806	3	6.0	67	1929	1740	1892	6029287	6000001	6857143	
9	1024963	3	6.0	78	1050	1665	1438	7059811	6857144	7714286	
10	1105659	3	6.0	60	1047	1617	1271	8169623	7714287	8571429	
11	782942	2	6.0	86	1291	1619	0	8956500	8571430	9428572	
	972703										



12 3 6.0 76 1967 1685 1385 9932113 9428573 10285715
665908

13 1 6.0 73 1806 0 0 10603058 10285716 11142858
829950

14 1 6.0 98 1575 0 0 11434814 11142859 12000001

Total number of pulses in waveform = 30



Waveform Num = 22

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	611318	3	15.0	100	1230	1283	1827	611318	0	923076
2	909877	1	15.0	80	1470	0	0	1525535	923077	1846153
3	401171	1	15.0	86	1837	0	0	1928176	1846154	2769230
4	1106825	1	15.0	52	1919	0	0	3036838	2769231	3692307
5	968073	2	15.0	76	1887	1772	0	4006830	3692308	4615384
6	1044364	1	15.0	72	1766	0	0	5054853	4615385	5538461
7	632082	2	15.0	51	1198	1341	0	5688701	5538462	6461538
8	1647189	1	15.0	66	1457	0	0	7338429	6461539	7384615
9	682360	3	15.0	89	1251	1580	1613	8022246	7384616	8307692
10	1086742	2	15.0	98	1100	1578	0	9113432	8307693	9230769
11	989969	2	15.0	66	1374	1322	0	10106079	9230770	10153846
	475748									



12	1	15.0	86	1723	0	0	10584523	10153847	11076923
1237479									
13	2	15.0	59	1360	1629	0	11823725	11076924	12000000

Total number of pulses in waveform = 22



Waveform Num = 23

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	485304	2	11.0	65	1045	1097	0	485304	0	631578
2	397441	1	11.0	100	1704	0	0	884887	631579	1263157
3	739344	2	11.0	73	1370	1277	0	1625935	1263158	1894736
4	761680	2	11.0	99	1394	1330	0	2390262	1894737	2526315
5	154057	1	11.0	67	1245	0	0	2547043	2526316	3157894
6	676548	3	11.0	95	1757	1479	1753	3224836	3157895	3789473
7	745667	1	11.0	85	1565	0	0	3975492	3789474	4421052
8	1066190	2	11.0	58	1343	1227	0	5043247	4421053	5052631
9	333737	1	11.0	70	1129	0	0	5379554	5052632	5684210
10	711098	1	11.0	72	1512	0	0	6091781	5684211	6315789
11	603764	3	11.0	94	1056	1935	1461	6697057	6315790	6947368
	693235									



12	2	11.0	57	1379	1394	0	7394744	6947369	7578947
620442									
13	3	11.0	53	1363	1637	1286	8017959	7578948	8210526
704708									
14	3	11.0	77	1212	1970	1038	8726953	8210527	8842105
382491									
15	2	11.0	99	1468	1024	0	9113664	8842106	9473684
678246									
16	1	11.0	80	1143	0	0	9794402	9473685	10105263
852056									
17	3	11.0	94	1787	1413	1285	10647601	10105264	10736842
111211									
18	1	11.0	73	1870	0	0	10763297	10736843	11368421
802909									
19	2	11.0	52	1375	1063	0	11568076	11368422	12000000

Total number of pulses in waveform = 36



Waveform Num = 24

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	272369	3	11.0	68	1680	1330	1012	272369	0	799999
2	1068925	1	11.0	83	1509	0	0	1345316	800000	1599999
3	466654	3	11.0	87	1429	1590	1240	1813479	1600000	2399999
4	694764	2	11.0	52	1316	1899	0	2512502	2400000	3199999
5	1013460	2	11.0	73	1257	1547	0	3529177	3200000	3999999
6	528754	2	11.0	73	1435	1327	0	4060735	4000000	4799999
7	1030548	3	11.0	86	1320	1738	1837	5094045	4800000	5599999
8	1149725	3	11.0	61	1048	1888	1127	6248665	5600000	6399999
9	770496	3	11.0	80	1068	1174	1356	7023224	6400000	7199999
10	401986	2	11.0	100	1086	1227	0	7428808	7200000	7999999
11	576480	1	11.0	61	1337	0	0	8007601	8000000	8799999



12 2 11.0 88 1640 1669 0 8998537 8800000 9599999

685764

13 3 11.0 64 1253 1139 1690 9687610 9600000 10399999

981954

14 1 11.0 97 1625 0 0 10673646 10400000 11199999

1219553

15 2 11.0 94 1882 1117 0 11894824 11200000 11999999

Total number of pulses in waveform = 33



Waveform Num = 25

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1166211	3	13.0	55	1768	1510	1325	1166211	0	1333332
2	803382	1	13.0	58	1922	0	0	1974196	1333333	2666665
3	750653	2	13.0	54	1310	1692	0	2726771	2666666	3999998
4	1487606	3	13.0	56	1990	1174	1692	4217379	3999999	5333331
5	1885666	2	13.0	80	1628	1705	0	6107901	5333332	6666664
6	1335889	2	13.0	90	1834	1561	0	7447123	6666665	7999997
7	1851149	1	13.0	95	1873	0	0	9301667	7999998	9333330
8	502508	1	13.0	63	1252	0	0	9806048	9333331	10666663
9	1382422	2	13.0	53	1637	1088	0	11189722	10666664	11999996

Total number of pulses in waveform = 17



Waveform Num = 26

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	297838	3	12.0	61	1721	1577	1886	297838	0	599999
2	754063	2	12.0	67	1182	1359	0	1057085	600000	1199999
3	640318	2	12.0	91	1833	1088	0	1699944	1200000	1799999
4	566576	1	12.0	66	1032	0	0	2269441	1800000	2399999
5	626067	3	12.0	59	1982	1958	1364	2896540	2400000	2999999
6	688843	2	12.0	52	1666	1546	0	3590687	3000000	3599999
7	210528	2	12.0	91	1592	1534	0	3804427	3600000	4199999
8	599100	2	12.0	77	1198	1700	0	4406653	4200000	4799999
9	884956	3	12.0	84	1473	1464	1589	5294507	4800000	5399999
10	257027	2	12.0	77	1627	1550	0	5556060	5400000	5999999
11	680609	3	12.0	77	1944	1430	1614	6239846	6000000	6599999
	641440									



12	1	12.0	81	1591	0	0	6886274	6600000	7199999
318440									
13	2	12.0	68	1581	1996	0	7206305	7200000	7799999
716051									
14	3	12.0	99	1769	1594	1299	7925933	7800000	8399999
1009742									
15	3	12.0	77	1626	1613	1244	8940337	8400000	8999999
382413									
16	2	12.0	89	1164	1929	0	9327233	9000000	9599999
691012									
17	3	12.0	78	1946	1926	1450	10021338	9600000	10199999
664128									
18	2	12.0	99	1237	1225	0	10690788	10200000	10799999
285672									
19	2	12.0	62	1531	1693	0	10978922	10800000	11399999
594969									
20	3	12.0	62	1792	1761	1051	11577115	11400000	11999999

Total number of pulses in waveform = 46



Waveform Num = 27

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	429966	1	5.0	64	1763	0	0	429966	0	923076
2	675270	2	5.0	67	1470	1420	0	1106999	923077	1846153
3	1593841	2	5.0	97	1922	1644	0	2703730	1846154	2769230
4	798884	3	5.0	60	1045	1519	1797	3506180	2769231	3692307
5	547364	3	5.0	56	1843	1887	1314	4057905	3692308	4615384
6	587460	3	5.0	57	1555	1730	1696	4650409	4615385	5538461
7	1384388	3	5.0	97	1448	1874	1864	6039778	5538462	6461538
8	440284	1	5.0	67	1028	0	0	6485248	6461539	7384615
9	1712581	2	5.0	92	1840	1563	0	8198857	7384616	8307692
10	858528	2	5.0	64	1905	1186	0	9060788	8307693	9230769
11	283388	3	5.0	60	1107	1196	1643	9347267	9230770	10153846
	1036758									



12 3 5.0 55 1764 1309 1995 10387971 10153847 11076923
1584309

13 2 5.0 53 1787 1206 0 11977348 11076924 12000000

Total number of pulses in waveform = 30



Waveform Num = 28

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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306336

1	2	14.0	52	1692	1835	0	306336	0	599999	
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713756

2	3	14.0	82	1034	1579	1958	1023619	600000	1199999	
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354076

3	1	14.0	72	1589	0	0	1382266	1200000	1799999	
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1005762

4	2	14.0	54	1646	1444	0	2389617	1800000	2399999	
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11933

5	3	14.0	93	1733	1061	1849	2404640	2400000	2999999	
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877823

6	2	14.0	85	1056	1914	0	3287106	3000000	3599999	
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479317

7	2	14.0	97	1547	1729	0	3769393	3600000	4199999	
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512180

8	2	14.0	67	1896	1166	0	4284849	4200000	4799999	
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805851

9	1	14.0	93	1869	0	0	5093762	4800000	5399999	
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402847

10	1	14.0	53	1951	0	0	5498478	5400000	5999999	
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597642

11	1	14.0	68	1623	0	0	6098071	6000000	6599999	
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515447



12	2	14.0	50	1655	1534	0	6615141	6600000	7199999
874708									
13	1	14.0	86	1264	0	0	7493038	7200000	7799999
323057									
14	1	14.0	76	1652	0	0	7817359	7800000	8399999
829786									
15	3	14.0	90	1247	1250	1393	8648797	8400000	8999999
677312									
16	1	14.0	64	1533	0	0	9329999	9000000	9599999
445837									
17	3	14.0	98	1198	1342	1506	9777369	9600000	10199999
872991									
18	2	14.0	86	1049	1234	0	10654406	10200000	10799999
405472									
19	1	14.0	60	1285	0	0	11062161	10800000	11399999
683934									
20	3	14.0	100	1526	1972	1665	11747380	11400000	11999999

Total number of pulses in waveform = 37



Waveform Num = 29

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	318498	1	10.0	86	1977	0	0	318498	0	599999
2	340528	3	10.0	85	1409	1447	1249	661003	600000	1199999
3	975035	1	10.0	71	1119	0	0	1640143	1200000	1799999
4	755873	1	10.0	64	1880	0	0	2397135	1800000	2399999
5	259751	1	10.0	85	1868	0	0	2658766	2400000	2999999
6	718080	1	10.0	82	1780	0	0	3378714	3000000	3599999
7	674800	3	10.0	65	1056	1807	1369	4055294	3600000	4199999
8	693294	3	10.0	80	1620	1362	1338	4752820	4200000	4799999
9	61363	2	10.0	72	1286	1466	0	4818503	4800000	5399999
10	612085	1	10.0	57	1552	0	0	5433340	5400000	5999999
11	738438	3	10.0	50	1264	1995	1783	6173330	6000000	6599999
	708958									



12	2	10.0	88	1805	1906	0	6887330	6600000	7199999
487429									
13	1	10.0	52	1045	0	0	7378470	7200000	7799999
656613									
14	1	10.0	63	1896	0	0	8036128	7800000	8399999
578175									
15	1	10.0	99	1058	0	0	8616199	8400000	8999999
666900									
16	1	10.0	75	1211	0	0	9284157	9000000	9599999
677298									
17	2	10.0	65	1503	1780	0	9962666	9600000	10199999
347462									
18	1	10.0	62	1817	0	0	10313411	10200000	10799999
580682									
19	2	10.0	85	1144	1450	0	10895910	10800000	11399999
792367									
20	1	10.0	93	1326	0	0	11690871	11400000	11999999

Total number of pulses in waveform = 32



Waveform Num = 30

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1637	3	7.0	75	1599	1546	1390	1637	0	705881
2	1310204	3	7.0	57	1114	1571	1178	1316376	705882	1411763
3	168601	2	7.0	96	1917	1619	0	1488840	1411764	2117645
4	1088979	1	7.0	80	1505	0	0	2581355	2117646	2823527
5	749787	3	7.0	98	1180	1210	1023	3332647	2823528	3529409
6	575076	1	7.0	97	1910	0	0	3911136	3529410	4235291
7	358666	2	7.0	92	1851	1465	0	4271712	4235292	4941173
8	1334151	1	7.0	90	1150	0	0	5609179	4941174	5647055
9	299039	3	7.0	91	1610	1387	1671	5909368	5647056	6352937
10	451419	2	7.0	59	1551	1449	0	6365455	6352938	7058819
11	1126207	2	7.0	82	1727	1952	0	7494662	7058820	7764701
	476516									



12	1	7.0	100	1655	0	0	7974857	7764702	8470583
871394									
13	2	7.0	54	1509	1439	0	8847906	8470584	9176465
952995									
14	3	7.0	83	1772	1907	1979	9803849	9176466	9882347
766930									
15	1	7.0	72	1519	0	0	10576437	9882348	10588229
372126									
16	3	7.0	91	1995	1162	1621	10950082	10588230	11294111
976751									
17	1	7.0	92	1139	0	0	11931611	11294112	11999993

Total number of pulses in waveform = 34

80 MHz Bandwidth



Random DFS waveform parameters (NewBin5) 12-Apr-2018 16:09:33

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	28809	1	9.0	89	1295	0	0	28809	0	705881
2	831063	1	9.0	93	1626	0	0	861167	705882	1411763
3	1153997	1	9.0	79	1190	0	0	2016790	1411764	2117645
4	574276	3	9.0	62	1779	1745	1675	2592256	2117646	2823527
5	465300	3	9.0	75	1430	1739	1643	3062755	2823528	3529409
6	799745	2	9.0	77	1080	1142	0	3867312	3529410	4235291
7	994233	2	9.0	84	1298	1666	0	4863767	4235292	4941173
8	638878	2	9.0	61	1047	1335	0	5505609	4941174	5647055
9	392284	2	9.0	52	1932	1409	0	5900275	5647056	6352937
10	1043430	1	9.0	50	1173	0	0	6947046	6352938	7058819



620433

11	1	9.0	93	1137	0	0	7568652	7058820	7764701
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616828

12	2	9.0	89	1022	1023	0	8186617	7764702	8470583
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522666

13	1	9.0	78	1536	0	0	8711328	8470584	9176465
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638415

14	2	9.0	54	1763	1218	0	9351279	9176466	9882347
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963010

15	3	9.0	81	1149	1794	1277	10317270	9882348	10588229
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814664

16	2	9.0	77	1283	1573	0	11136154	10588230	11294111
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780881

17	2	9.0	94	1286	1432	0	11919891	11294112	11999993
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Total number of pulses in waveform = 31



Waveform Num = 2

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	291320	1	16.0	85	1754	0	0	291320	0	999999
2	1003961	3	16.0	86	1937	1315	1415	1297035	1000000	1999999
3	1134524	1	16.0	98	1223	0	0	2436226	2000000	2999999
4	1056999	2	16.0	99	1753	1373	0	3494448	3000000	3999999
5	558088	2	16.0	68	1626	1026	0	4055662	4000000	4999999
6	1830604	2	16.0	51	1318	1864	0	5888918	5000000	5999999
7	800964	2	16.0	51	1145	1614	0	6693064	6000000	6999999
8	1207314	2	16.0	86	1737	1939	0	7903137	7000000	7999999
9	441677	2	16.0	63	1534	1090	0	8348490	8000000	8999999
10	1126888	1	16.0	83	1710	0	0	9478002	9000000	9999999
11	918785	1	16.0	79	1853	0	0	10398497	10000000	10999999
	1034299									



12 2 16.0 89 1126 1540 0 11434649 11000000 11999999

Total number of pulses in waveform = 21



Waveform Num = 3

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	690349	2	16.0	74	1520	1020	0	690349	0	923076
2	518962	3	16.0	100	1861	1191	1779	1211851	923077	1846153
3	1356408	1	16.0	66	1967	0	0	2573090	1846154	2769230
4	699325	3	16.0	72	1208	1003	1246	3274382	2769231	3692307
5	1154167	1	16.0	55	1867	0	0	4432006	3692308	4615384
6	453853	2	16.0	57	1072	1061	0	4887726	4615385	5538461
7	1448526	2	16.0	78	1224	1429	0	6338385	5538462	6461538
8	382708	3	16.0	72	1713	1837	1885	6723746	6461539	7384615
9	950908	2	16.0	69	1395	1545	0	7680089	7384616	8307692
10	638072	2	16.0	77	1125	1606	0	8321101	8307693	9230769
11	1043281	2	16.0	93	1284	1238	0	9367113	9230770	10153846
	1311635									



12	2	16.0	64	1954	1797	0	10681270	10153847	11076923
671754									

13	2	16.0	74	1464	1758	0	11356775	11076924	12000000
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Total number of pulses in waveform = 27



Waveform Num = 4

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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712411

1	2	18.0	54	1466	1885	0	712411	0	999999	
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673600

2	2	18.0	79	1357	1145	0	1389362	1000000	1999999	
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1268440

3	3	18.0	51	1040	1686	1388	2660304	2000000	2999999	
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804183

4	1	18.0	58	1014	0	0	3468601	3000000	3999999	
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1161019

5	2	18.0	52	1073	1049	0	4630634	4000000	4999999	
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810357

6	3	18.0	66	1746	1039	1744	5443113	5000000	5999999	
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1536021

7	2	18.0	87	1270	1597	0	6983663	6000000	6999999	
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597691

8	1	18.0	90	1286	0	0	7584221	7000000	7999999	
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1118880

9	1	18.0	70	1309	0	0	8704387	8000000	8999999	
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1232440

10	3	18.0	65	1255	1079	1124	9938136	9000000	9999999	
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178480

11	1	18.0	53	1562	0	0	10120074	10000000	10999999	
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1062351



12 3 18.0 80 1229 1012 1824 11183987 11000000 11999999

Total number of pulses in waveform = 24



Waveform Num = 5

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	148515	2	13.0	97	1881	1740	0	148515	0	749999
2	870952	2	13.0	81	1773	1541	0	1023088	750000	1499999
3	1163438	1	13.0	98	1211	0	0	2189840	1500000	2249999
4	501664	2	13.0	98	1192	1060	0	2692715	2250000	2999999
5	973737	2	13.0	60	1150	1335	0	3668704	3000000	3749999
6	356056	1	13.0	57	1657	0	0	4027245	3750000	4499999
7	999580	1	13.0	72	1876	0	0	5028482	4500000	5249999
8	713238	2	13.0	68	1785	1100	0	5743596	5250000	5999999
9	489113	3	13.0	66	1049	1292	1509	6235594	6000000	6749999
10	1033481	2	13.0	97	1773	1921	0	7272925	6750000	7499999
11	414176	2	13.0	78	1400	1812	0	7690795	7500000	8249999
	756631									



12 3 13.0 52 1143 1235 1692 8450638 8250000 8999999

878458

13 2 13.0 95 1544 1142 0 9333166 9000000 9749999

1040485

14 2 13.0 82 1000 1604 0 10376337 9750000 10499999

330094

15 3 13.0 96 1672 1113 1664 10709035 10500000 11249999

1164928

16 3 13.0 91 1230 1005 1637 11878412 11250000 11999999

Total number of pulses in waveform = 33



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	375319	3	13.0	57	1795	1033	1808	375319	0	666666
2	330680	1	13.0	77	1138	0	0	710635	666667	1333333
3	866545	3	13.0	81	1003	1486	1953	1578318	1333334	2000000
4	890962	3	13.0	82	1570	1890	1480	2473722	2000001	2666667
5	567231	3	13.0	67	1294	1504	1110	3045893	2666668	3333334
6	724512	3	13.0	65	1682	1589	1393	3774313	3333335	4000001
7	353841	2	13.0	58	1229	1288	0	4132818	4000002	4666668
8	724506	3	13.0	55	1739	1206	1211	4859841	4666669	5333335
9	778846	1	13.0	52	1885	0	0	5642843	5333336	6000002
10	576062	3	13.0	95	1621	1200	1383	6220790	6000003	6666669
11	942536	3	13.0	61	1685	1035	1280	7167530	6666670	7333336
	693654									



12 3 13.0 83 1366 1855 1155 7865184 7333337 8000003

624195

13 2 13.0 88 1363 1675 0 8493755 8000004 8666670

608977

14 1 13.0 93 1732 0 0 9105770 8666671 9333337

347321

15 2 13.0 64 1951 1272 0 9454823 9333338 10000004

771751

16 3 13.0 58 1510 1512 1612 10229797 10000005 10666671

719663

17 2 13.0 83 1837 1665 0 10954094 10666672 11333338

914599

18 3 13.0 66 1538 1241 1745 11872195 11333339 12000005

Total number of pulses in waveform = 44



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	252773	3	17.0	84	1574	1989	1630	252773	0	631578
2	994250	1	17.0	82	1731	0	0	1252216	631579	1263157
3	249532	3	17.0	90	1133	1077	1467	1503479	1263158	1894736
4	816912	1	17.0	79	1036	0	0	2324068	1894737	2526315
5	399523	2	17.0	51	1687	1292	0	2724627	2526316	3157894
6	461154	3	17.0	83	1951	1504	1600	3188760	3157895	3789473
7	1127815	2	17.0	96	1941	1712	0	4321630	3789474	4421052
8	383998	3	17.0	94	1991	1489	1545	4709281	4421053	5052631
9	490513	3	17.0	52	1367	1618	1621	5204819	5052632	5684210
10	900199	3	17.0	61	1320	1099	1541	6109624	5684211	6315789
11	723663	1	17.0	67	1411	0	0	6837247	6315790	6947368
	496391									



12	2	17.0	58	1742	1601	0	7335049	6947369	7578947
819658									
13	2	17.0	60	1427	1960	0	8158050	7578948	8210526
74067									
14	3	17.0	90	1476	1953	1322	8235504	8210527	8842105
947585									
15	2	17.0	88	1602	1695	0	9187840	8842106	9473684
805228									
16	2	17.0	52	1983	1946	0	9996365	9473685	10105263
321041									
17	3	17.0	87	1398	1975	1460	10321335	10105264	10736842
647082									
18	1	17.0	83	1868	0	0	10973250	10736843	11368421
595191									
19	3	17.0	87	1991	1473	1369	11570309	11368422	12000000

Total number of pulses in waveform = 43



Waveform Num = 8

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	62502	2	13.0	75	1723	1932	0	62502	0	923076
2	1613617	3	13.0	51	1928	1612	1807	1679774	923077	1846153
3	686616	2	13.0	71	1267	1769	0	2371737	1846154	2769230
4	1308911	1	13.0	83	1816	0	0	3683684	2769231	3692307
5	769610	1	13.0	92	1041	0	0	4455110	3692308	4615384
6	204253	3	13.0	62	1500	1369	1840	4660404	4615385	5538461
7	1622630	1	13.0	100	1789	0	0	6287743	5538462	6461538
8	590138	2	13.0	55	1204	1725	0	6879670	6461539	7384615
9	807027	1	13.0	61	1756	0	0	7689626	7384616	8307692
10	1364879	1	13.0	98	1744	0	0	9056261	8307693	9230769
11	259273	2	13.0	68	1698	1600	0	9317278	9230770	10153846
	1425077									



12 1 13.0 82 1811 0 0 10745653 10153847 11076923

485890

13 3 13.0 88 1236 1499 1704 11233354 11076924 12000000

Total number of pulses in waveform = 23



Waveform Num = 9

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	496670	1	15.0	58	1903	0	0	496670	0	999999
2	1142883	1	15.0	99	1636	0	0	1641456	1000000	1999999
3	892344	3	15.0	74	1866	1463	1760	2535436	2000000	2999999
4	816952	2	15.0	68	1414	1704	0	3357477	3000000	3999999
5	776060	1	15.0	88	1462	0	0	4136655	4000000	4999999
6	1000722	3	15.0	76	1126	1945	1714	5138839	5000000	5999999
7	1308845	3	15.0	91	1533	1135	1458	6452469	6000000	6999999
8	1450513	3	15.0	62	1804	1678	1132	7907108	7000000	7999999
9	498201	3	15.0	76	1845	1442	1049	8409923	8000000	8999999
10	589243	1	15.0	76	1810	0	0	9003502	9000000	9999999
11	1656463	3	15.0	67	1532	1989	1291	10661775	10000000	10999999
	844415									



12 1 15.0 72 1647 0 0 11511002 11000000 11999999

Total number of pulses in waveform = 25



Waveform Num = 10

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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1450509

1	2	8.0	92	1379	1928	0	1450509	0	1499999
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1177475

2	3	8.0	66	1610	1258	1283	2631291	1500000	2999999
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761736

3	1	8.0	65	1107	0	0	3397178	3000000	4499999
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2257306

4	3	8.0	65	1712	1587	1602	5655591	4500000	5999999
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1186582

5	1	8.0	62	1300	0	0	6847074	6000000	7499999
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1725828

6	1	8.0	57	1694	0	0	8574202	7500000	8999999
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1499839

7	2	8.0	62	1574	1636	0	10075735	9000000	10499999
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1058478

8	1	8.0	53	1316	0	0	11137423	10500000	11999999
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Total number of pulses in waveform = 14



Waveform Num = 11

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	125597	3	10.0	61	1451	1345	1894	125597	0	599999
2	748388	3	10.0	73	1040	1354	1617	878675	600000	1199999
3	714618	3	10.0	89	1983	1377	1431	1597304	1200000	1799999
4	646836	2	10.0	79	1102	1052	0	2248931	1800000	2399999
5	389040	3	10.0	56	1809	1336	1622	2640125	2400000	2999999
6	467845	3	10.0	98	1873	1613	1340	3112737	3000000	3599999
7	710905	3	10.0	88	1385	1512	1047	3828468	3600000	4199999
8	806721	1	10.0	56	1390	0	0	4639133	4200000	4799999
9	228489	3	10.0	75	1648	1651	1664	4869012	4800000	5399999
10	755283	3	10.0	64	1714	1408	1934	5629258	5400000	5999999
11	608768	1	10.0	85	1692	0	0	6243082	6000000	6599999
	777636									



12	2	10.0	57	1678	1857	0	7022410	6600000	7199999
635901									
13	1	10.0	85	1176	0	0	7661846	7200000	7799999
151691									
14	3	10.0	94	1791	1121	1268	7814713	7800000	8399999
808406									
15	1	10.0	75	1464	0	0	8627299	8400000	8999999
716137									
16	1	10.0	83	1878	0	0	9344900	9000000	9599999
587231									
17	3	10.0	69	1931	1755	1810	9934009	9600000	10199999
727712									
18	2	10.0	75	1411	1188	0	10667217	10200000	10799999
346407									
19	3	10.0	89	1940	1554	1966	11016223	10800000	11399999
890238									
20	1	10.0	79	1206	0	0	11911921	11400000	11999999

Total number of pulses in waveform = 45



Waveform Num = 12

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	Time #	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	60290	1	13.0	69	1214	0	0	60290	0	599999
2	646105	3	13.0	58	1442	1043	1758	707609	600000	1199999
3	568405	1	13.0	65	1791	0	0	1280257	1200000	1799999
4	1089222	2	13.0	99	1887	1343	0	2371270	1800000	2399999
5	128598	2	13.0	52	1084	1585	0	2503098	2400000	2999999
6	565929	3	13.0	94	1868	1411	1432	3071696	3000000	3599999
7	985830	3	13.0	81	1574	1837	1963	4062237	3600000	4199999
8	187454	2	13.0	67	1456	1910	0	4255065	4200000	4799999
9	591245	3	13.0	54	1552	1813	1872	4849676	4800000	5399999
10	1046195	3	13.0	83	1992	1253	1904	5901108	5400000	5999999
11	382687	1	13.0	92	1544	0	0	6288944	6000000	6599999
	323007									



12	1	13.0	66	1773	0	0	6613495	6600000	7199999
1080942									
13	2	13.0	88	1927	1214	0	7696210	7200000	7799999
216274									
14	1	13.0	94	1645	0	0	7915625	7800000	8399999
540717									
15	2	13.0	62	1063	1149	0	8457987	8400000	8999999
813283									
16	1	13.0	73	1406	0	0	9273482	9000000	9599999
685004									
17	2	13.0	73	1251	1623	0	9959892	9600000	10199999
746401									
18	3	13.0	97	1314	1207	1107	10709167	10200000	10799999
365924									
19	2	13.0	83	1806	1457	0	11078719	10800000	11399999
404498									
20	1	13.0	81	1349	0	0	11486480	11400000	11999999

Total number of pulses in waveform = 39



Waveform Num = 13

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	620744	3	15.0	61	1390	1429	1230	620744	0	1333332
2	1261993	2	15.0	57	1843	1319	0	1886786	1333333	2666665
3	1327617	1	15.0	69	1895	0	0	3217565	2666666	3999998
4	1987801	1	15.0	85	1670	0	0	5207261	3999999	5333331
5	244167	3	15.0	75	1498	1531	1762	5453098	5333332	6666664
6	1343514	2	15.0	72	1740	1955	0	6801403	6666665	7999997
7	1542672	3	15.0	89	1565	1728	1350	8347770	7999998	9333330
8	1838582	2	15.0	77	1224	1388	0	10190995	9333331	10666663
9	1414646	3	15.0	58	1717	1411	1993	11608253	10666664	11999996

Total number of pulses in waveform = 20



Waveform Num = 14

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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615190

1	3	9.0	70	1278	1859	1395	615190	0	1499999	
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2184082

2	1	9.0	64	1867	0	0	2803804	1500000	2999999	
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312456

3	1	9.0	76	1983	0	0	3118127	3000000	4499999	
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2584810

4	3	9.0	69	1154	1083	1710	5704920	4500000	5999999	
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1615600

5	2	9.0	55	1989	1161	0	7324467	6000000	7499999	
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982013

6	1	9.0	72	1322	0	0	8309630	7500000	8999999	
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1529099

7	2	9.0	91	1198	1151	0	9840051	9000000	10499999	
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1872265

8	1	9.0	67	1935	0	0	11714665	10500000	11999999	
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Total number of pulses in waveform = 14



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	66552	2	13.0	56	1329	1668	0	66552	0	999999
2	1596146	1	13.0	85	1717	0	0	1665695	1000000	1999999
3	1168629	1	13.0	61	1702	0	0	2836041	2000000	2999999
4	716319	3	13.0	97	1236	1460	1560	3554062	3000000	3999999
5	1216145	3	13.0	51	1237	1582	1000	4774463	4000000	4999999
6	397424	1	13.0	81	1732	0	0	5175706	5000000	5999999
7	1712763	1	13.0	93	1355	0	0	6890201	6000000	6999999
8	210928	2	13.0	56	1083	1193	0	7102484	7000000	7999999
9	1183719	2	13.0	51	1326	1380	0	8288479	8000000	8999999
10	1332866	1	13.0	53	1939	0	0	9624051	9000000	9999999
11	909954	1	13.0	51	1173	0	0	10535944	10000000	10999999
	1389903									



12 2 13.0 53 1462 1857 0 11927020 11000000 11999999

Total number of pulses in waveform = 20



Waveform Num = 16

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	11884	1	11.0	65	1879	0	0	11884	0	631578
2	894761	3	11.0	61	1950	1339	1739	908524	631579	1263157
3	628758	1	11.0	53	1122	0	0	1542310	1263158	1894736
4	836968	3	11.0	64	1559	1222	1687	2380400	1894737	2526315
5	227340	2	11.0	65	1714	1275	0	2612208	2526316	3157894
6	1147797	3	11.0	54	1188	1346	1882	3762994	3157895	3789473
7	533437	3	11.0	51	1314	1423	1870	4300847	3789474	4421052
8	268230	1	11.0	76	1078	0	0	4573684	4421053	5052631
9	1016188	1	11.0	74	1695	0	0	5590950	5052632	5684210
10	689713	3	11.0	85	1484	1347	1442	6282358	5684211	6315789
11	78513	3	11.0	85	1199	1241	1480	6365144	6315790	6947368
	908574									



12	1	11.0	60	1265	0	0	7277638	6947369	7578947
571653									
13	1	11.0	79	1175	0	0	7850556	7578948	8210526
744352									
14	1	11.0	53	1158	0	0	8596083	8210527	8842105
484471									
15	3	11.0	64	1618	1072	1251	9081712	8842106	9473684
828259									
16	2	11.0	98	1945	1193	0	9913912	9473685	10105263
212229									
17	2	11.0	75	1836	1754	0	10129279	10105264	10736842
922877									
18	1	11.0	54	1067	0	0	11055746	10736843	11368421
850802									
19	3	11.0	90	1147	1645	1316	11907615	11368422	12000000

Total number of pulses in waveform = 38



Waveform Num = 17

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	58011	3	10.0	88	1059	1414	1223	58011	0	705881
2	736349	1	10.0	90	1242	0	0	798056	705882	1411763
3	883722	3	10.0	85	1883	1638	1663	1683020	1411764	2117645
4	634795	1	10.0	89	1359	0	0	2322999	2117646	2823527
5	693398	1	10.0	52	1412	0	0	3017756	2823528	3529409
6	728661	1	10.0	65	1550	0	0	3747829	3529410	4235291
7	1160544	3	10.0	94	1891	1094	1099	4909923	4235292	4941173
8	499608	2	10.0	73	1054	1447	0	5413615	4941174	5647055
9	838364	1	10.0	77	1776	0	0	6254480	5647056	6352937
10	631194	3	10.0	53	1625	1017	1091	6887450	6352938	7058819
11	482538	1	10.0	57	1325	0	0	7373721	7058820	7764701
	1053306									



12	2	10.0	57	1271	1208	0	8428352	7764702	8470583
178173									
13	3	10.0	92	1068	1827	1668	8609004	8470584	9176465
681861									
14	3	10.0	90	1610	1600	1235	9295428	9176466	9882347
1040726									
15	2	10.0	76	1486	1745	0	10340599	9882348	10588229
475267									
16	2	10.0	100	1261	1397	0	10819097	10588230	11294111
1098164									
17	3	10.0	53	1881	1640	1929	11919919	11294112	11999993

Total number of pulses in waveform = 35



Waveform Num = 18

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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12	1	8.0	68	1969	0	0	7437097	7333337	8000003
1037065									
13	2	8.0	96	1356	1502	0	8476131	8000004	8666670
258397									
14	1	8.0	74	1805	0	0	8737386	8666671	9333337
806807									
15	2	8.0	88	1127	1673	0	9545998	9333338	10000004
570639									
16	1	8.0	99	1183	0	0	10119437	10000005	10666671
1052906									
17	2	8.0	87	1881	1164	0	11173526	10666672	11333338
244790									
18	1	8.0	68	1468	0	0	11421361	11333339	12000005

Total number of pulses in waveform = 33



Waveform Num = 19

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	651666	2	15.0	91	1249	1791	0	651666	0	857142
2	943760	2	15.0	54	1625	1988	0	1598466	857143	1714285
3	163277	2	15.0	73	1433	1012	0	1765356	1714286	2571428
4	1022620	2	15.0	78	1124	1442	0	2790421	2571429	3428571
5	1336781	1	15.0	93	1621	0	0	4129768	3428572	4285714
6	181597	2	15.0	54	1467	1293	0	4312986	4285715	5142857
7	1081782	3	15.0	84	1290	1389	1501	5397528	5142858	6000000
8	785596	1	15.0	73	1510	0	0	6187304	6000001	6857143
9	1106475	1	15.0	50	1718	0	0	7295289	6857144	7714286
10	917390	3	15.0	61	1447	1015	1106	8214397	7714287	8571429
11	743151	2	15.0	71	1612	1539	0	8961116	8571430	9428572
	1316589									



12	1	15.0	100	1421	0	0	10280856	9428573	10285715
76172									
13	2	15.0	94	1546	1303	0	10358449	10285716	11142858
1262287									
14	2	15.0	57	1125	1736	0	11623585	11142859	12000001

Total number of pulses in waveform = 26



Waveform Num = 20

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	14465	2	8.0	99	1320	1347	0	14465	0	857142
2	1520988	3	8.0	67	1568	1160	1566	1538120	857143	1714285
3	981539	1	8.0	61	1443	0	0	2523953	1714286	2571428
4	671867	2	8.0	61	1835	1646	0	3197263	2571429	3428571
5	593318	2	8.0	75	1971	1126	0	3794062	3428572	4285714
6	1205642	1	8.0	78	1522	0	0	5002801	4285715	5142857
7	680688	3	8.0	98	1816	1640	1233	5685011	5142858	6000000
8	483547	3	8.0	84	1104	1799	1940	6173247	6000001	6857143
9	705060	3	8.0	90	1967	1830	1188	6883150	6857144	7714286
10	1070195	1	8.0	57	1324	0	0	7958330	7714287	8571429
11	627251	2	8.0	56	1091	1750	0	8586905	8571430	9428572
	1233248									



12 1 8.0 95 1165 0 0 9822994 9428573 10285715

1306651

13 3 8.0 69 1482 1863 1049 11130810 10285716 11142858

295960

14 3 8.0 93 1716 1596 1569 11431164 11142859 12000001

Total number of pulses in waveform = 30



Waveform Num = 21

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	595795	2	10.0	74	1653	1157	0	595795	0	666666
2	88808	3	10.0	77	1192	1755	1621	687413	666667	1333333
3	949523	1	10.0	78	1366	0	0	1641504	1333334	2000000
4	488334	2	10.0	51	1856	1025	0	2131204	2000001	2666667
5	1073816	2	10.0	69	1094	1625	0	3207901	2666668	3333334
6	774499	3	10.0	97	1429	1873	1842	3985119	3333335	4000001
7	666890	1	10.0	52	1852	0	0	4657153	4000002	4666668
8	156270	3	10.0	81	1570	1879	1397	4815275	4666669	5333335
9	1168637	2	10.0	58	1322	1446	0	5988758	5333336	6000002
10	577164	3	10.0	61	1293	1780	1012	6568690	6000003	6666669
11	327249	2	10.0	88	1851	1686	0	6900024	6666670	7333336
	957210									



12 2 10.0 68 1070 1778 0 7860771 7333337 8000003

423367

13 1 10.0 92 1599 0 0 8286986 8000004 8666670

723743

14 2 10.0 97 1582 1922 0 9012328 8666671 9333337

371134

15 3 10.0 77 1584 1537 1505 9386966 9333338 10000004

1018514

16 1 10.0 95 1403 0 0 10410106 10000005 10666671

818142

17 3 10.0 51 1269 1155 1470 11229651 10666672 11333338

480454

18 3 10.0 69 1225 1743 1758 11713999 11333339 12000005

Total number of pulses in waveform = 39



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	578275	3	9.0	92	1943	1119	1559	578275	0	705881
2	351963	1	9.0	54	1663	0	0	934859	705882	1411763
3	917477	2	9.0	90	1979	1508	0	1853999	1411764	2117645
4	289566	3	9.0	77	1250	1324	1440	2147052	2117646	2823527
5	686031	1	9.0	63	1355	0	0	2837097	2823528	3529409
6	786584	1	9.0	62	1179	0	0	3625036	3529410	4235291
7	713989	3	9.0	61	1324	1289	1600	4340204	4235292	4941173
8	1078425	3	9.0	84	1245	1471	1759	5422842	4941174	5647055
9	228355	1	9.0	73	1835	0	0	5655672	5647056	6352937
10	1268834	2	9.0	95	1960	1410	0	6926341	6352938	7058819
11	169693	1	9.0	80	1355	0	0	7099404	7058820	7764701
	1004962									



12	1	9.0	85	1157	0	0	8105721	7764702	8470583
936795									
13	3	9.0	74	1488	1626	1370	9043673	8470584	9176465
647935									
14	1	9.0	81	1880	0	0	9696092	9176466	9882347
780199									
15	2	9.0	98	1969	1266	0	10478171	9882348	10588229
191194									
16	3	9.0	82	1408	1457	1914	10672600	10588230	11294111
668018									
17	2	9.0	75	1952	1168	0	11345397	11294112	11999993

Total number of pulses in waveform = 33



Waveform Num = 23

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	407485	2	12.0	99	1910	1302	0	407485	0	923076
2	623875	2	12.0	56	1095	1356	0	1034572	923077	1846153
3	1519209	2	12.0	80	1039	1068	0	2556232	1846154	2769230
4	767877	2	12.0	92	1120	1384	0	3326216	2769231	3692307
5	1050491	3	12.0	62	1570	1371	1671	4379211	3692308	4615384
6	260980	2	12.0	75	1653	1775	0	4644803	4615385	5538461
7	1665978	2	12.0	66	1054	1868	0	6314209	5538462	6461538
8	820561	3	12.0	71	1833	1437	1765	7137692	6461539	7384615
9	862619	2	12.0	91	1385	1772	0	8005346	7384616	8307692
10	571354	2	12.0	82	1602	1861	0	8579857	8307693	9230769
11	1461125	1	12.0	71	1901	0	0	10044445	9230770	10153846
	923395									



12 3 12.0 87 1903 1759 1911 10969741 10153847 11076923
958397

13 2 12.0 67 1541 1714 0 11933711 11076924 12000000

Total number of pulses in waveform = 28



Waveform Num = 24

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	29219	1	15.0	55	1727	0	0	29219	0	1333332
2	2094480	2	15.0	74	1675	1271	0	2125426	1333333	2666665
3	769677	1	15.0	77	1449	0	0	2898049	2666666	3999998
4	1614151	1	15.0	80	1399	0	0	4513649	3999999	5333331
5	1217341	1	15.0	57	1363	0	0	5732389	5333332	6666664
6	1223328	3	15.0	53	1931	1547	1106	6957080	6666665	7999997
7	1308057	1	15.0	71	1837	0	0	8269721	7999998	9333330
8	1849101	1	15.0	79	1238	0	0	10120659	9333331	10666663
9	588768	2	15.0	56	1070	1965	0	10710665	10666664	11999996

Total number of pulses in waveform = 13



Waveform Num = 25

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	850319	3	13.0	81	1486	1977	1445	850319	0	1333332
2	523929	2	13.0	52	1007	1953	0	1379156	1333333	2666665
3	1752627	3	13.0	75	1264	1748	1654	3134743	2666666	3999998
4	1705500	3	13.0	62	1479	1239	1341	4844909	3999999	5333331
5	789297	2	13.0	69	1278	1846	0	5638265	5333332	6666664
6	2190763	2	13.0	54	1183	1610	0	7832152	6666665	7999997
7	1158077	1	13.0	89	1949	0	0	8993022	7999998	9333330
8	895704	1	13.0	86	1888	0	0	9890675	9333331	10666663
9	1709847	2	13.0	63	1956	1110	0	11602410	10666664	11999996

Total number of pulses in waveform = 19



Waveform Num = 26

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	421215	1	20.0	72	1578	0	0	421215	0	799999
2	1007641	3	20.0	90	1248	1848	1705	1430434	800000	1599999
3	656183	3	20.0	58	1408	1407	1863	2091418	1600000	2399999
4	1098807	2	20.0	100	1329	1748	0	3194903	2400000	3199999
5	642596	2	20.0	51	1102	1651	0	3840576	3200000	3999999
6	696568	1	20.0	59	1437	0	0	4539897	4000000	4799999
7	311549	3	20.0	86	1839	1190	1098	4852883	4800000	5599999
8	814056	2	20.0	63	1636	1582	0	5671066	5600000	6399999
9	1094700	3	20.0	52	1881	1100	1523	6768984	6400000	7199999
10	570111	3	20.0	74	1131	1939	1300	7343599	7200000	7999999
11	845249	2	20.0	95	1484	1365	0	8193218	8000000	8799999
	890414									



12 3 20.0 95 1160 1187 1847 9086481 8800000 9599999
591759

13 3 20.0 97 1697 1345 1385 9682434 9600000 10399999
897615

14 2 20.0 83 1478 1602 0 10584476 10400000 11199999
802070

15 2 20.0 93 1905 1656 0 11389626 11200000 11999999

Total number of pulses in waveform = 35



Waveform Num = 27

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	72931	1	9.0	72	1198	0	0	72931	0	666666
2	780359	2	9.0	93	1775	1241	0	854488	666667	1333333
3	490052	1	9.0	89	1370	0	0	1347556	1333334	2000000
4	1113545	3	9.0	53	1394	1849	1461	2462471	2000001	2666667
5	855558	1	9.0	71	1649	0	0	3322733	2666668	3333334
6	367520	2	9.0	89	1427	1875	0	3691902	3333335	4000001
7	661554	2	9.0	63	1696	1551	0	4356758	4000002	4666668
8	629721	2	9.0	86	1490	1625	0	4989726	4666669	5333335
9	648472	2	9.0	92	1421	1327	0	5641313	5333336	6000002
10	690794	2	9.0	51	1219	1823	0	6334855	6000003	6666669
11	338442	1	9.0	94	1901	0	0	6676339	6666670	7333336
	784102									



12	1	9.0	72	1464	0	0	7462342	7333337	8000003
898993									
13	3	9.0	87	1067	1349	1154	8362799	8000004	8666670
948988									
14	3	9.0	71	1814	1659	1638	9315357	8666671	9333337
332546									
15	1	9.0	54	1446	0	0	9653014	9333338	10000004
421642									
16	2	9.0	60	1597	1188	0	10076102	10000005	10666671
946138									
17	1	9.0	81	1718	0	0	11025025	10666672	11333338
451909									
18	3	9.0	57	1684	1292	1093	11478652	11333339	12000005

Total number of pulses in waveform = 33



Waveform Num = 28

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 (us)	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
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1290415

1	1	8.0	62	1903	0	0	1290415	0	1499999		
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1444822

2	3	8.0	65	1347	1287	1806	2737140	1500000	2999999		
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303746

3	1	8.0	93	1571	0	0	3045326	3000000	4499999		
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2910252

4	3	8.0	78	1498	1662	1322	5957149	4500000	5999999		
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1143417

5	3	8.0	53	1878	1585	1389	7105048	6000000	7499999		
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1173262

6	3	8.0	88	1247	1875	1294	8283162	7500000	8999999		
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849908

7	1	8.0	77	1212	0	0	9137486	9000000	10499999		
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1429327

8	3	8.0	77	1686	1661	1184	10568025	10500000	11999999		
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Total number of pulses in waveform = 18



Waveform Num = 29

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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704785

1	1	11.0	64	1315	0	0	704785	0	999999	
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904543

2	1	11.0	74	1993	0	0	1610643	1000000	1999999	
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824937

3	1	11.0	63	1880	0	0	2437573	2000000	2999999	
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1324928

4	2	11.0	52	1778	1975	0	3764381	3000000	3999999	
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441321

5	1	11.0	91	1036	0	0	4209455	4000000	4999999	
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993430

6	3	11.0	90	1113	1466	1842	5203921	5000000	5999999	
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1221708

7	1	11.0	70	1784	0	0	6430050	6000000	6999999	
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1289570

8	2	11.0	79	1818	1189	0	7721404	7000000	7999999	
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361877

9	3	11.0	89	1628	1015	1139	8086288	8000000	8999999	
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1444588

10	3	11.0	97	1505	1623	1156	9534658	9000000	9999999	
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1425739

11	2	11.0	81	1580	1805	0	10964681	10000000	10999999	
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352087



12 2 11.0 72 1606 1001 0 11320153 11000000 11999999

Total number of pulses in waveform = 22



Waveform Num = 30

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	735612	3	17.0	93	1898	1658	1717	735612	0	749999
2	547858	1	17.0	64	1810	0	0	1288743	750000	1499999
3	397964	3	17.0	56	1022	1739	1132	1688517	1500000	2249999
4	831469	3	17.0	56	1534	1551	1800	2523879	2250000	2999999
5	517300	1	17.0	53	1608	0	0	3046064	3000000	3749999
6	807691	1	17.0	100	1192	0	0	3855363	3750000	4499999
7	1074652	2	17.0	94	1043	1507	0	4931207	4500000	5249999
8	425444	1	17.0	95	1310	0	0	5359201	5250000	5999999
9	659094	2	17.0	86	1041	1255	0	6019605	6000000	6749999
10	1240870	2	17.0	60	1539	1247	0	7262771	6750000	7499999
11	442348	1	17.0	59	1078	0	0	7707905	7500000	8249999
	781392									



12 2 17.0 97 1874 1983 0 8490375 8250000 8999999

1163465

13 1 17.0 61 1584 0 0 9657697 9000000 9749999

463619

14 3 17.0 65 1167 1317 1507 10122900 9750000 10499999

914837

15 3 17.0 52 1060 1164 1633 11041728 10500000 11249999

723013

16 3 17.0 82 1860 1412 1571 11768598 11250000 11999999

Total number of pulses in waveform = 32