



Annex D

Bins 5 used for all Bandwidth tests



10 MHz Bandwidth

Waveform Num = 1

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	163183	2	8.0	88	1350	1262	0	163183	0	799999
2	1213687	2	8.0	53	1710	1877	0	1379482	800000	1599999
3	418334	2	8.0	88	1296	1149	0	1801403	1600000	2399999
4	1070875	2	8.0	81	1603	1351	0	2874723	2400000	3199999
5	595643	3	8.0	54	1060	1308	1263	3473320	3200000	3999999
6	549153	1	8.0	65	1927	0	0	4026104	4000000	4799999
7	1286718	3	8.0	90	1835	1018	1348	5314749	4800000	5599999
8	1003698	1	8.0	50	1158	0	0	6322648	5600000	6399999
9	670713	3	8.0	82	1831	2000	1484	6994519	6400000	7199999
	991529									



10 3 8.0 56 1341 1742 1525 7991363 7200000 7999999

19275

11 1 8.0 76 1264 0 0 8015246 8000000 8799999

1075216

12 2 8.0 82 1107 1186 0 9091726 8800000 9599999

741336

13 3 8.0 96 1239 1065 1814 9835355 9600000 10399999

1123570

14 2 8.0 92 1968 1346 0 10963043 10400000 11199999

892457

15 3 8.0 100 1688 1528 1076 11858814 11200000 11999999

Total number of pulses in waveform = 33



Waveform Num = 2

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	82133	2	10.0	66	1154	1295	0	82133	0	631578
2	1005180	3	10.0	73	1335	1755	1856	1089762	631579	1263157
3	520528	2	10.0	64	1658	1572	0	1615236	1263158	1894736
4	860309	1	10.0	65	1897	0	0	2478775	1894737	2526315
5	130387	3	10.0	69	1785	1193	1481	2611059	2526316	3157894
6	761711	2	10.0	87	1841	1195	0	3377229	3157895	3789473
7	852817	2	10.0	97	1699	1483	0	4233082	3789474	4421052
8	396754	1	10.0	69	1227	0	0	4633018	4421053	5052631
9	545893	3	10.0	69	1827	1241	1335	5180138	5052632	5684210
10	875223	2	10.0	79	1226	1780	0	6059764	5684211	6315789
11	534865	2	10.0	90	1120	1124	0	6597635	6315790	6947368



842973									
12	1	10.0	95	1063	0	0	7442852	6947369	7578947
421544									
13	1	10.0	67	1497	0	0	7865459	7578948	8210526
954512									
14	2	10.0	97	1965	1402	0	8821468	8210527	8842105
382781									
15	2	10.0	89	1390	1078	0	9207616	8842106	9473684
865499									
16	2	10.0	69	1556	1977	0	10075583	9473685	10105263
172714									
17	2	10.0	100	1839	1729	0	10251830	10105264	10736842
736575									
18	2	10.0	99	1562	1096	0	10991973	10736843	11368421
383795									
19	3	10.0	65	1327	1924	1246	11378426	11368422	12000000

Total number of pulses in waveform = 38



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)
751068										
1	3	12.0	51	1807	1546	1173	751068	0	923076	
592388										
2	3	12.0	98	1324	1329	1898	1347982	923077	1846153	
512807										
3	1	12.0	85	1935	0	0	1865340	1846154	2769230	
1775211										
4	3	12.0	85	1690	1166	1165	3642486	2769231	3692307	
290699										
5	1	12.0	61	1134	0	0	3937206	3692308	4615384	
1199134										
6	2	12.0	65	1636	1968	0	5137474	4615385	5538461	
1217917										
7	3	12.0	66	1743	1215	1856	6358995	5538462	6461538	
1016731										
8	3	12.0	98	1109	1684	1194	7380540	6461539	7384615	
587515										
9	2	12.0	66	1373	1077	0	7972042	7384616	8307692	
972231										
10	1	12.0	94	1650	0	0	8946723	8307693	9230769	
938578										
11	1	12.0	91	1625	0	0	9886951	9230770	10153846	



400236

12 2 12.0 74 1110 1422 0 10288812 10153847 11076923

1257843

13 1 12.0 87 1039 0 0 11549187 11076924 12000000

Total number of pulses in waveform = 26



Waveform Num = 4

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	1219006									
1		3	13.0	70	1433	1936	1597	1219006	0	1333332
	477063									
2		1	13.0	57	1852	0	0	1701035	1333333	2666665
	1739815									
3		2	13.0	98	1883	1313	0	3442702	2666666	3999998
	645126									
4		1	13.0	60	1485	0	0	4091024	3999999	5333331
	2043751									
5		2	13.0	77	1568	1892	0	6136260	5333332	6666664
	814447									
6		3	13.0	69	1227	1215	1951	6954167	6666665	7999997
	2069611									
7		2	13.0	52	1824	1954	0	9028171	7999998	9333330
	810964									
8		3	13.0	64	1522	1723	1862	9842913	9333331	10666663
	1286889									
9		1	13.0	62	1769	0	0	11134909	10666664	11999996

Total number of pulses in waveform = 18



Waveform Num = 5

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	51551	3	15.0	62	1912	1908	1559	51551	0	666666
2	862143	2	15.0	51	1688	1260	0	919073	666667	1333333
3	874185	3	15.0	88	1920	1485	1483	1796206	1333334	2000000
4	570466	2	15.0	92	1339	1894	0	2371560	2000001	2666667
5	710919	1	15.0	100	1266	0	0	3085712	2666668	3333334
6	900582	2	15.0	63	1221	1488	0	3987560	3333335	4000001
7	138850	1	15.0	97	1935	0	0	4129119	4000002	4666668
8	739618	3	15.0	94	1593	1184	1780	4870672	4666669	5333335
9	564533	1	15.0	85	1697	0	0	5439762	5333336	6000002
10	753139	3	15.0	93	1211	1066	1293	6194598	6000003	6666669
11	614016	1	15.0	75	1140	0	0	6812184	6666670	7333336



1115318

12 2 15.0 83 1798 1477 0 7928642 7333337 8000003

215701

13 1 15.0 74 1744 0 0 8147618 8000004 8666670

840352

14 3 15.0 52 1745 1193 1855 8989714 8666671 9333337

482904

15 3 15.0 82 1834 1666 1257 9477411 9333338 10000004

908611

16 1 15.0 90 1361 0 0 10390779 10000005 10666671

667479

17 1 15.0 54 1548 0 0 11059619 10666672 11333338

423466

18 2 15.0 57 1585 1934 0 11484633 11333339 12000005

Total number of pulses in waveform = 35



Waveform Num = 6

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1198884	3	6.0	64	1961	1834	1117	1198884	0	1499999
2	1066507	3	6.0	60	1527	1839	1983	2270303	1500000	2999999
3	2184843	2	6.0	94	1134	1887	0	4460495	3000000	4499999
4	1176694	2	6.0	94	1382	1098	0	5640210	4500000	5999999
5	543865	3	6.0	63	1157	1958	1180	6186555	6000000	7499999
6	1974039	1	6.0	90	1210	0	0	8164889	7500000	8999999
7	1264002	3	6.0	91	1939	1494	1988	9430101	9000000	10499999
8	2503220	1	6.0	95	1262	0	0	11938742	10500000	11999999

Total number of pulses in waveform = 18



Waveform Num = 7

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	228686	1	17.0	57	1199	0	0	228686	0	1333332
2	1680652	1	17.0	68	1814	0	0	1910537	1333333	2666665
3	1043568	2	17.0	70	1249	1446	0	2955919	2666666	3999998
4	1280248	1	17.0	82	1942	0	0	4238862	3999999	5333331
5	1621871	3	17.0	90	1936	1370	1246	5862675	5333332	6666664
6	1141977	1	17.0	87	1819	0	0	7009204	6666665	7999997
7	1680965	3	17.0	51	1838	1404	1508	8691988	7999998	9333330
8	910027	1	17.0	93	1654	0	0	9606765	9333331	10666663
9	2356954	2	17.0	90	1490	1021	0	11965373	10666664	11999996

Total number of pulses in waveform = 15



Waveform Num = 8

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	353226									
1	1	13.0	87	1151	0	0	353226	0	749999	
	507603									
2	2	13.0	59	1955	1655	0	861980	750000	1499999	
	971938									
3	1	13.0	64	1529	0	0	1837528	1500000	2249999	
	1036126									
4	1	13.0	71	1322	0	0	2875183	2250000	2999999	
	588930									
5	1	13.0	69	1662	0	0	3465435	3000000	3749999	
	429633									
6	2	13.0	53	1659	1890	0	3896730	3750000	4499999	
	1033133									
7	3	13.0	66	1175	1122	1757	4933412	4500000	5249999	
	1026810									
8	2	13.0	73	1340	1280	0	5964276	5250000	5999999	
	744611									
9	2	13.0	58	1018	1144	0	6711507	6000000	6749999	
	687553									
10	2	13.0	78	1100	1126	0	7401222	6750000	7499999	
	125676									
11	3	13.0	72	1527	1995	1165	7529124	7500000	8249999	



1012721

12 2 13.0 96 1762 1008 0 8546532 8250000 8999999

730352

13 1 13.0 70 1722 0 0 9279654 9000000 9749999

1102105

14 1 13.0 90 1127 0 0 10383481 9750000 10499999

354094

15 3 13.0 70 1416 1600 1993 10738702 10500000 11249999

858414

16 3 13.0 66 1378 1150 1302 11602125 11250000 11999999

Total number of pulses in waveform = 30



Waveform Num = 9

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)
	376754									
1	2	12.0	79	1707	1475	0	376754	0	799999	
	558610									
2	1	12.0	51	1298	0	0	938546	800000	1599999	
	866801									
3	1	12.0	73	1078	0	0	1806645	1600000	2399999	
	1135130									
4	3	12.0	90	1042	1531	1905	2942853	2400000	3199999	
	874001									
5	2	12.0	81	1520	1123	0	3821332	3200000	3999999	
	655654									
6	1	12.0	55	1267	0	0	4479629	4000000	4799999	
	899591									
7	3	12.0	88	1281	1206	1951	5380487	4800000	5599999	
	544770									
8	3	12.0	72	1145	1729	1218	5929695	5600000	6399999	
	1104394									
9	3	12.0	89	1495	1827	1146	7038181	6400000	7199999	
	785388									
10	1	12.0	100	1676	0	0	7828037	7200000	7999999	
	945617									
11	3	12.0	60	1572	1591	1947	8775330	8000000	8799999	



583349

12	3	12.0	71	1113	1092	1210	9363789	8800000	9599999
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570630

13	1	12.0	85	1019	0	0	9937834	9600000	10399999
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548730

14	1	12.0	76	1971	0	0	10487583	10400000	11199999
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944446

15	2	12.0	95	1424	1767	0	11434000	11200000	11999999
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Total number of pulses in waveform = 30

Waveform Num = 10

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	1034458	3	10.0	55	1111	1087	1707	1034458	0	1090908
2	288907	2	10.0	84	1532	1210	0	1327270	1090909	2181817
3	1412336	2	10.0	86	1119	1112	0	2742348	2181818	3272726
4	648590	2	10.0	76	1867	1699	0	3393169	3272727	4363635
5	1364713	1	10.0	85	1765	0	0	4761448	4363636	5454544
6	1592801	3	10.0	77	1743	1144	1956	6356014	5454545	6545453
7	388134	2	10.0	67	1794	1545	0	6748991	6545454	7636362
8	940650	1	10.0	88	1395	0	0	7692980	7636363	8727271
9	2088081	1	10.0	89	1540	0	0	9782456	8727272	9818180
10	938340	3	10.0	60	1150	1128	1010	10722336	9818181	10909089
11	1084714	3	10.0	100	1306	1578	1078	11810338	10909090	11999998

Total number of pulses in waveform = 23



Waveform Num = 11

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	332297	3	19.0	76	1190	1911	1326	332297	0	857142
2	1285339	3	19.0	64	1115	1703	1307	1622063	857143	1714285
3	498464	3	19.0	58	1573	1933	1177	2124652	1714286	2571428
4	883460	3	19.0	96	1432	1142	1371	3012795	2571429	3428571
5	853818	1	19.0	67	1353	0	0	3870558	3428572	4285714
6	561538	2	19.0	61	1119	1600	0	4433449	4285715	5142857
7	1500815	3	19.0	91	1391	1515	1023	5936983	5142858	6000000
8	773941	3	19.0	56	1198	1258	1804	6714853	6000001	6857143
9	231833	3	19.0	52	1571	1499	1878	6950946	6857144	7714286
10	867684	2	19.0	85	1969	1977	0	7823578	7714287	8571429
11	1441210	3	19.0	76	1355	1511	1977	9268734	8571430	9428572



304441

12 3 19.0 98 1931 1221 1715 9578018 9428573 10285715

778502

13 1 19.0 58 1825 0 0 10361387 10285716 11142858

924729

14 2 19.0 63 1970 1656 0 11287941 11142859 12000001

Total number of pulses in waveform = 35



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)
591486										
1	2	6.0	73	1991	1540	0	591486	0	1199999	
1263147										
2	2	6.0	58	1993	1620	0	1858164	1200000	2399999	
914504										
3	3	6.0	61	1638	1232	1917	2776281	2400000	3599999	
1801183										
4	1	6.0	100	1353	0	0	4582251	3600000	4799999	
813880										
5	2	6.0	61	1768	1964	0	5397484	4800000	5999999	
1648036										
6	1	6.0	88	1103	0	0	7049252	6000000	7199999	
491160										
7	1	6.0	82	1213	0	0	7541515	7200000	8399999	
1856705										
8	1	6.0	58	1111	0	0	9399433	8400000	9599999	
478066										
9	3	6.0	99	1332	1377	1255	9878610	9600000	10799999	
1547690										
10	1	6.0	83	1654	0	0	11430264	10800000	11999999	

Total number of pulses in waveform = 17

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	118808	3	13.0	93	1041	1380	1716	118808	0	666666
2	846541	2	13.0	92	1041	1370	0	969486	666667	1333333
3	735110	2	13.0	74	1912	1257	0	1707007	1333334	2000000
4	774585	2	13.0	81	1776	1358	0	2484761	2000001	2666667
5	838526	1	13.0	89	1650	0	0	3326421	2666668	3333334
6	414632	1	13.0	77	1190	0	0	3742703	3333335	4000001
7	315175	2	13.0	86	1728	1861	0	4059068	4000002	4666668
8	1061394	3	13.0	98	1273	1817	1486	5124051	4666669	5333335
9	204826	1	13.0	70	1930	0	0	5333453	5333336	6000002
10	726376	2	13.0	61	1302	1555	0	6061759	6000003	6666669
11	664826	1	13.0	86	1556	0	0	6729442	6666670	7333336



1066639									
12	2	13.0	83	1008	1441	0	7797637	7333337	8000003
756279									
13	2	13.0	59	1028	1295	0	8556365	8000004	8666670
708950									
14	2	13.0	68	1091	1988	0	9267638	8666671	9333337
220314									
15	1	13.0	75	1356	0	0	9491031	9333338	10000004
677438									
16	3	13.0	84	1118	1236	1067	10169825	10000005	10666671
775116									
17	1	13.0	82	1946	0	0	10948362	10666672	11333338
894569									
18	2	13.0	86	1249	1333	0	11844877	11333339	12000005

Total number of pulses in waveform = 33



Waveform Num = 14

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
782008										
1	3	16.0	80	1968	1726	1627	782008	0	1333332	
1112350										
2	2	16.0	57	1003	1971	0	1899679	1333333	2666665	
1837715										
3	3	16.0	68	1476	1359	1047	3740368	2666666	3999998	
1308047										
4	2	16.0	55	1600	1809	0	5052297	3999999	5333331	
586615										
5	1	16.0	56	1821	0	0	5642321	5333332	6666664	
1492984										
6	3	16.0	86	1739	1410	1698	7137126	6666665	7999997	
2066129										
7	3	16.0	54	1023	1200	1521	9208102	7999998	9333330	
1087362										
8	3	16.0	54	1358	1928	1354	10299208	9333331	10666663	
1551344										
9	1	16.0	52	1188	0	0	11855192	10666664	11999996	

Total number of pulses in waveform = 21



Waveform Num = 15

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	747499	2	15.0	88	1336	1207	0	747499	0	1333332
2	1388233	3	15.0	88	1929	1816	1644	2138275	1333333	2666665
3	1515703	3	15.0	77	1621	1290	1246	3659367	2666666	3999998
4	587161	1	15.0	51	1020	0	0	4250685	3999999	5333331
5	1763617	3	15.0	82	1481	1867	1721	6015322	5333332	6666664
6	695868	2	15.0	67	1110	1995	0	6716259	6666665	7999997
7	1375138	2	15.0	98	1257	1469	0	8094502	7999998	9333330
8	2518152	2	15.0	72	1981	1559	0	10615380	9333331	10666663
9	220657	3	15.0	62	1028	1745	1275	10839577	10666664	11999996

Total number of pulses in waveform = 21



Waveform Num = 16

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	472794	1	13.0	55	1143	0	0	472794	0	857142
2	952103	1	13.0	98	1746	0	0	1426040	857143	1714285
3	422702	1	13.0	83	1927	0	0	1850488	1714286	2571428
4	1242129	3	13.0	50	1693	1369	1305	3094544	2571429	3428571
5	1017501	1	13.0	58	1150	0	0	4116412	3428572	4285714
6	663913	1	13.0	76	1441	0	0	4781475	4285715	5142857
7	992299	1	13.0	62	1223	0	0	5775215	5142858	6000000
8	501234	3	13.0	78	1412	1529	1244	6277672	6000001	6857143
9	635987	3	13.0	83	1597	1514	1157	6917844	6857144	7714286
10	1302904	1	13.0	88	1366	0	0	8225016	7714287	8571429
11	921654	1	13.0	62	1510	0	0	9148036	8571430	9428572



518059

12 3 13.0 63 1504 1067 1893 9667605 9428573 10285715

892109

13 3 13.0 51 1078 1772 1550 10564178 10285716 11142858

987227

14 1 13.0 76 1616 0 0 11555805 11142859 12000001

Total number of pulses in waveform = 24



Waveform Num = 17

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	258515	3	10.0	85	1488	1439	1468	258515	0	599999
2	517771	1	10.0	54	1084	0	0	780681	600000	1199999
3	781906	2	10.0	91	1299	1155	0	1563671	1200000	1799999
4	642109	3	10.0	71	1323	1331	1204	2208234	1800000	2399999
5	710748	3	10.0	95	1672	1072	1299	2922840	2400000	2999999
6	137534	1	10.0	65	1663	0	0	3064417	3000000	3599999
7	873793	3	10.0	58	1995	1457	1697	3939873	3600000	4199999
8	488560	3	10.0	50	1857	1414	1824	4433582	4200000	4799999
9	782731	3	10.0	77	1232	1306	1121	5221408	4800000	5399999
10	209015	1	10.0	58	1874	0	0	5434082	5400000	5999999
11	648633	1	10.0	72	1102	0	0	6084589	6000000	6599999



563014									
12	1	10.0	67	1602	0	0	6648705	6600000	7199999
593523									
13	2	10.0	70	1844	1232	0	7243830	7200000	7799999
1123338									
14	3	10.0	97	1477	1620	1867	8370244	7800000	8399999
38342									
15	2	10.0	66	1467	1051	0	8413550	8400000	8999999
785359									
16	2	10.0	60	1809	1242	0	9201427	9000000	9599999
944486									
17	3	10.0	100	1760	1116	1320	10148964	9600000	10199999
169567									
18	2	10.0	72	1399	1963	0	10322727	10200000	10799999
619049									
19	2	10.0	53	1467	1031	0	10945138	10800000	11399999
641856									
20	2	10.0	51	1856	1230	0	11589492	11400000	11999999

Total number of pulses in waveform = 43



Waveform Num = 18

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
792351										
1	1	8.0	63	1132	0	0	792351	0	923076	
641439										
2	2	8.0	80	1471	1701	0	1434922	923077	1846153	
525723										
3	1	8.0	61	1922	0	0	1963817	1846154	2769230	
961945										
4	3	8.0	50	1055	1472	1475	2927684	2769231	3692307	
1402270										
5	3	8.0	60	1293	1465	1828	4333956	3692308	4615384	
471899										
6	2	8.0	96	1864	1654	0	4810441	4615385	5538461	
1618796										
7	2	8.0	57	1381	1108	0	6432755	5538462	6461538	
232524										
8	3	8.0	63	1122	1735	1388	6667768	6461539	7384615	
1316415										
9	1	8.0	70	1545	0	0	7988428	7384616	8307692	
611645										
10	3	8.0	59	1510	1128	1983	8601618	8307693	9230769	
1200556										
11	3	8.0	96	1459	1961	1918	9806795	9230770	10153846	



1183384

12 2 8.0 52 1454 1037 0 10995517 10153847 11076923

496861

13 1 8.0 51 1762 0 0 11494869 11076924 12000000

Total number of pulses in waveform = 27



Waveform Num = 19

Num of Bursts = 18

Burst Interval (us) = 666667.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
550711										
1	3	19.0	81	1105	1299	1155	550711	0	666666	
121372										
2	3	19.0	91	1164	1075	1548	675642	666667	1333333	
1243442										
3	1	19.0	50	1087	0	0	1922871	1333334	2000000	
717757										
4	3	19.0	80	1284	1845	1472	2641715	2000001	2666667	
101787										
5	3	19.0	61	1506	1578	1402	2748103	2666668	3333334	
968813										
6	3	19.0	73	1089	1991	1948	3721402	3333335	4000001	
617527										
7	1	19.0	53	1293	0	0	4343957	4000002	4666668	
546656										
8	1	19.0	53	1744	0	0	4891906	4666669	5333335	
537555										
9	2	19.0	80	1134	1261	0	5431205	5333336	6000002	
785519										
10	3	19.0	86	1913	1009	1833	6219119	6000003	6666669	
1022640										
11	1	19.0	70	1065	0	0	7246514	6666670	7333336	



733816

12 1 19.0 74 1077 0 0 7981395 7333337 8000003

339304

13 3 19.0 89 1090 1773 1505 8321776 8000004 8666670

650753

14 1 19.0 67 1691 0 0 8976897 8666671 9333337

444041

15 3 19.0 64 1480 1074 1351 9422629 9333338 10000004

853117

16 3 19.0 93 1563 1460 1525 10279651 10000005 10666671

418123

17 1 19.0 58 1098 0 0 10702322 10666672 11333338

1162902

18 1 19.0 91 1673 0 0 11866322 11333339 12000005

Total number of pulses in waveform = 37

Waveform Num = 20

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
760325										
1	2	15.0	52	1998	1284	0	760325	0	1333332	
1539003										
2	1	15.0	93	1086	0	0	2302610	1333333	2666665	
1297402										
3	1	15.0	82	1533	0	0	3601098	2666666	3999998	
985112										
4	1	15.0	94	1521	0	0	4587743	3999999	5333331	
1274252										
5	3	15.0	89	1042	1519	1803	5863516	5333332	6666664	
1136912										
6	3	15.0	98	1870	1813	1348	7004792	6666665	7999997	
1747252										
7	1	15.0	89	1472	0	0	8757075	7999998	9333330	
1632627										
8	2	15.0	69	1122	1600	0	10391174	9333331	10666663	
1459963										
9	1	15.0	98	1150	0	0	11853859	10666664	11999996	

Total number of pulses in waveform = 15



Waveform Num = 21

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	732470									
1	2	5.0	59	1208	1382	0	732470	0	799999	
	568972									
2	2	5.0	66	1825	1478	0	1304032	800000	1599999	
	886401									
3	2	5.0	95	1607	1619	0	2193736	1600000	2399999	
	491946									
4	3	5.0	75	1419	1394	1234	2688908	2400000	3199999	
	1122762									
5	2	5.0	64	1810	1537	0	3815717	3200000	3999999	
	452547									
6	3	5.0	56	1792	1111	1708	4271611	4000000	4799999	
	779325									
7	2	5.0	82	1775	1323	0	5055547	4800000	5599999	
	696467									
8	2	5.0	54	1910	1041	0	5755112	5600000	6399999	
	645047									
9	3	5.0	78	1399	1780	1291	6403110	6400000	7199999	
	1179449									
10	3	5.0	51	1659	1624	1230	7587029	7200000	7999999	
	763282									
11	3	5.0	89	1263	1952	1544	8354824	8000000	8799999	



744927

12	3	5.0	73	1491	1813	1559	9104510	8800000	9599999
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875019

13	2	5.0	93	1014	1728	0	9984392	9600000	10399999
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1121874

14	2	5.0	59	1201	1496	0	11109008	10400000	11199999
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513031

15	2	5.0	94	1202	1844	0	11624736	11200000	11999999
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Total number of pulses in waveform = 36

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)
699761										
1	2	16.0	65	1226	1877	0	0	699761	0	1333332
1683195										
2	1	16.0	99	1695	0	0	0	2386059	1333333	2666665
1035116										
3	1	16.0	61	1509	0	0	0	3422870	2666666	3999998
736987										
4	2	16.0	93	1788	1687	0	0	4161366	3999999	5333331
1244022										
5	2	16.0	81	1192	1310	0	0	5408863	5333332	6666664
1528624										
6	1	16.0	54	1216	0	0	0	6939989	6666665	7999997
1714211										
7	1	16.0	66	1964	0	0	0	8655416	7999998	9333330
1105815										
8	1	16.0	50	1549	0	0	0	9763195	9333331	10666663
1873599										
9	2	16.0	80	1555	1491	0	0	11638343	10666664	11999996

Total number of pulses in waveform = 13



Waveform Num = 23

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	873952	1	6.0	65	1602	0	0	873952	0	1333332
2	892816	3	6.0	55	1412	1928	1155	1768370	1333333	2666665
3	1377156	3	6.0	98	1110	1648	1091	3150021	2666666	3999998
4	1803743	2	6.0	54	1716	1393	0	4957613	3999999	5333331
5	1666662	3	6.0	77	1493	1558	1685	6627384	5333332	6666664
6	1014400	3	6.0	58	1142	1828	1631	7646520	6666665	7999997
7	492778	1	6.0	52	1243	0	0	8143899	7999998	9333330
8	1321508	2	6.0	58	1812	1404	0	9466650	9333331	10666663
9	1812256	3	6.0	72	1548	1775	1764	11282122	10666664	11999996

Total number of pulses in waveform = 21



Waveform Num = 24

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	44501	3	20.0	75	1758	1107	1732	44501	0	631578
2	798114	2	20.0	82	1866	1977	0	847212	631579	1263157
3	836517	2	20.0	63	1188	1626	0	1687572	1263158	1894736
4	418392	2	20.0	98	1262	1064	0	2108778	1894737	2526315
5	935913	3	20.0	88	1240	1121	1873	3047017	2526316	3157894
6	271996	2	20.0	65	1431	1403	0	3323247	3157895	3789473
7	902975	2	20.0	65	1181	1340	0	4229056	3789474	4421052
8	378156	1	20.0	91	1942	0	0	4609733	4421053	5052631
9	494255	3	20.0	72	1812	1782	1668	5105930	5052632	5684210
10	1134908	1	20.0	82	1482	0	0	6246100	5684211	6315789
11	332813	3	20.0	78	1888	1199	1143	6580395	6315790	6947368



483188									
12	2	20.0	78	1754	1428	0	7067813	6947369	7578947
1054730									
13	1	20.0	60	1349	0	0	8125725	7578948	8210526
88265									
14	2	20.0	84	1596	1524	0	8215339	8210527	8842105
789501									
15	1	20.0	86	1030	0	0	9007960	8842106	9473684
589434									
16	2	20.0	60	1070	1847	0	9598424	9473685	10105263
772640									
17	3	20.0	89	1698	1874	1422	10373981	10105264	10736842
646875									
18	2	20.0	98	1039	1718	0	11025850	10736843	11368421
534851									
19	3	20.0	54	1393	1897	1731	11563458	11368422	12000000

Total number of pulses in waveform = 40



Waveform Num = 25

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	253112	2	17.0	50	1780	1102	0	253112	0	923076
2	1338312	3	17.0	100	1535	1804	1731	1594306	923077	1846153
3	429663	2	17.0	92	1636	1832	0	2029039	1846154	2769230
4	1519596	2	17.0	58	1468	1175	0	3552103	2769231	3692307
5	884210	1	17.0	84	1063	0	0	4438956	3692308	4615384
6	450592	1	17.0	63	1681	0	0	4890611	4615385	5538461
7	1049370	2	17.0	61	1848	1658	0	5941662	5538462	6461538
8	768065	2	17.0	61	1796	1632	0	6713233	6461539	7384615
9	881272	2	17.0	79	1593	1123	0	7597933	7384616	8307692
10	1371837	2	17.0	58	1747	1394	0	8972486	8307693	9230769
11	640971	2	17.0	62	1279	1311	0	9616598	9230770	10153846



1365056

12 1 17.0 83 1099 0 0 10984244 10153847 11076923

137108

13 2 17.0 75 1388 1592 0 11122451 11076924 12000000

Total number of pulses in waveform = 24



Waveform Num = 26

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	297701	1	20.0	66	1062	0	0	297701	0	857142
2	616150	2	20.0	100	1653	1203	0	914913	857143	1714285
3	1279956	2	20.0	81	1293	1518	0	2197725	1714286	2571428
4	686985	3	20.0	50	1665	1922	1602	2887521	2571429	3428571
5	991226	1	20.0	57	1449	0	0	3883936	3428572	4285714
6	856435	3	20.0	100	1617	1842	1340	4741820	4285715	5142857
7	451403	2	20.0	65	1727	1416	0	5198022	5142858	6000000
8	1048889	3	20.0	56	1010	1303	1152	6250054	6000001	6857143
9	1309306	1	20.0	69	1750	0	0	7562825	6857144	7714286
10	852688	3	20.0	99	1919	1665	1939	8417263	7714287	8571429
11	521388	2	20.0	80	1323	1295	0	8944174	8571430	9428572



1166725

12 1 20.0 71 1458 0 0 10113517 9428573 10285715

767752

13 2 20.0 82 1850 1444 0 10882727 10285716 11142858

993846

14 3 20.0 62 1076 1978 1226 11879867 11142859 12000001

Total number of pulses in waveform = 29



Waveform Num = 27

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	161616	2	17.0	73	1362	1819	0	161616	0	1333332
2	1360391	3	17.0	69	1655	1640	1237	1525188	1333333	2666665
3	1165758	1	17.0	63	1275	0	0	2695478	2666666	3999998
4	2487295	2	17.0	59	1451	1541	0	5184048	3999999	5333331
5	571954	3	17.0	57	1389	1065	1758	5758994	5333332	6666664
6	905278	1	17.0	67	1594	0	0	6668484	6666665	7999997
7	1733911	3	17.0	89	1962	1969	1744	8403989	7999998	9333330
8	2037606	3	17.0	58	1081	1922	1295	10447270	9333331	10666663
9	335852	2	17.0	66	1321	1125	0	10787420	10666664	11999996

Total number of pulses in waveform = 20



Waveform Num = 28

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	418180	3	9.0	53	1063	1597	1724	418180	0	799999
2	1054192	3	9.0	71	1331	1311	1761	1476756	800000	1599999
3	701346	1	9.0	91	1553	0	0	2182505	1600000	2399999
4	497533	1	9.0	52	1279	0	0	2681591	2400000	3199999
5	1237245	1	9.0	54	1210	0	0	3920115	3200000	3999999
6	406751	2	9.0	60	1103	1590	0	4328076	4000000	4799999
7	903185	3	9.0	68	1762	1085	1397	5233954	4800000	5599999
8	599706	1	9.0	70	1926	0	0	5837904	5600000	6399999
9	573471	3	9.0	80	1449	1846	1492	6413301	6400000	7199999
10	1033514	1	9.0	69	1736	0	0	7451602	7200000	7999999
11	894954	2	9.0	93	1756	1358	0	8348292	8000000	8799999



1020411

12 3 9.0 94 1076 1711 1420 9371817 8800000 9599999

838019

13 2 9.0 67 1505 1437 0 10214043 9600000 10399999

311148

14 3 9.0 97 1176 1523 1236 10528133 10400000 11199999

1314520

15 3 9.0 95 1245 1752 1080 11846588 11200000 11999999

Total number of pulses in waveform = 32



Waveform Num = 29

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	98872	3	20.0	64	1600	1168	1670	98872	0	666666
2	863174	3	20.0	53	1122	1208	1035	966484	666667	1333333
3	436714	2	20.0	63	1796	1802	0	1406563	1333334	2000000
4	638363	3	20.0	99	1155	1234	1029	2048524	2000001	2666667
5	714813	1	20.0	58	1864	0	0	2766755	2666668	3333334
6	802062	1	20.0	100	1287	0	0	3570681	3333335	4000001
7	477147	2	20.0	53	1379	1993	0	4049115	4000002	4666668
8	797817	1	20.0	88	1952	0	0	4850304	4666669	5333335
9	809099	1	20.0	95	1443	0	0	5661355	5333336	6000002
10	926159	1	20.0	81	1939	0	0	6588957	6000003	6666669
11	147656	1	20.0	64	1717	0	0	6738552	6666670	7333336



1047831

12 2 20.0 65 1099 1805 0 7788100 7333337 8000003

540531

13 3 20.0 67 1898 1641 1394 8331535 8000004 8666670

835468

14 1 20.0 58 1929 0 0 9171936 8666671 9333337

738166

15 3 20.0 61 1286 1962 1742 9912031 9333338 10000004

654098

16 3 20.0 94 1996 1958 1749 10571119 10000005 10666671

401603

17 3 20.0 85 1170 1075 1787 10978425 10666672 11333338

659783

18 1 20.0 50 1289 0 0 11642240 11333339 12000005

Total number of pulses in waveform = 35



Waveform Num = 30

Num of Bursts = 11

Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 (us)	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
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1	935815	3	14.0	69	1314	1844	1720	935815	0	1090908	
2	885547	2	14.0	63	1323	1525	0	1826240	1090909	2181817	
3	1235409	2	14.0	98	1279	1998	0	3064497	2181818	3272726	
4	704734	1	14.0	96	1280	0	0	3772508	3272727	4363635	
5	1132534	1	14.0	61	1509	0	0	4906322	4363636	5454544	
6	932081	3	14.0	54	1033	1105	1718	5839912	5454545	6545453	
7	851274	2	14.0	89	1191	1977	0	6695042	6545454	7636362	
8	1345741	3	14.0	54	1624	1476	1069	8043951	7636363	8727271	
9	1262104	3	14.0	54	1826	1319	1037	9310224	8727272	9818180	
10	836316	2	14.0	79	1057	1022	0	10150722	9818181	10909089	
11	1716750	2	14.0	77	1048	1705	0	11869551	10909090	11999998	

Total number of pulses in waveform = 24



20 MHz Bandwidth

Waveform Num = 1

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	509772	3	17.0	81	1298	1957	1900	509772	0	749999
2	681778	1	17.0	70	1804	0	0	1196705	750000	1499999
3	964401	3	17.0	88	1260	1491	1882	2162910	1500000	2249999
4	604382	2	17.0	68	1527	1114	0	2771925	2250000	2999999
5	809737	2	17.0	69	1835	1197	0	3584303	3000000	3749999
6	169932	1	17.0	75	1513	0	0	3757267	3750000	4499999
7	1120089	3	17.0	90	1262	1220	1767	4878869	4500000	5249999
8	535705	2	17.0	75	1594	1397	0	5418823	5250000	5999999
9	1092041	1	17.0	72	1794	0	0	6513855	6000000	6749999
10	772635	2	17.0	86	1780	1652	0	7288284	6750000	7499999
	441343									



11	2	17.0	61	1344	1512	0	7733059	7500000	8249999
927474									
12	2	17.0	75	1441	1475	0	8663389	8250000	8999999
591745									
13	3	17.0	82	1814	1743	1297	9258050	9000000	9749999
1125528									
14	3	17.0	56	1950	1011	1326	10388432	9750000	10499999
746535									
15	2	17.0	97	1969	1022	0	11139254	10500000	11249999
616769									
16	2	17.0	90	1780	1570	0	11759014	11250000	11999999

Total number of pulses in waveform = 34



Waveform Num = 2

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	410408	1	5.0	73	1363	0	0	410408	0	1499999
2	1976948	2	5.0	100	1934	1142	0	2388719	1500000	2999999
3	1341260	3	5.0	80	1405	1167	1998	3733055	3000000	4499999
4	943457	3	5.0	93	1608	1909	1451	4681082	4500000	5999999
5	2636716	2	5.0	60	1259	1590	0	7322766	6000000	7499999
6	805383	2	5.0	97	1475	1411	0	8130998	7500000	8999999
7	2058747	3	5.0	76	1129	1835	1541	10192631	9000000	10499999
8	1791714	1	5.0	61	1564	0	0	11988850	10500000	11999999

Total number of pulses in waveform = 17



Waveform Num = 3

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	583792	1	20.0	97	1342	0	0	583792	0	631578
2	574299	3	20.0	78	1791	1997	1039	1159433	631579	1263157
3	625833	1	20.0	83	1766	0	0	1790093	1263158	1894736
4	473444	1	20.0	88	1047	0	0	2265303	1894737	2526315
5	443933	1	20.0	53	1152	0	0	2710283	2526316	3157894
6	1037650	1	20.0	66	1102	0	0	3749085	3157895	3789473
7	248623	1	20.0	77	1123	0	0	3998810	3789474	4421052
8	589612	2	20.0	97	1129	1512	0	4589545	4421053	5052631
9	479810	2	20.0	80	1910	1453	0	5071996	5052632	5684210
10	1095115	2	20.0	62	1738	1356	0	6170474	5684211	6315789
11	447568	2	20.0	65	1179	1037	0	6621136	6315790	6947368



786110									
12	1	20.0	84	1301	0	0	7409462	6947369	7578947
755966									
13	1	20.0	66	1172	0	0	8166729	7578948	8210526
256944									
14	3	20.0	93	1682	1735	1946	8424845	8210527	8842105
532194									
15	3	20.0	74	1082	1060	1027	8962402	8842106	9473684
922202									
16	2	20.0	70	1111	1678	0	9887773	9473685	10105263
838152									
17	2	20.0	86	1216	1134	0	10728714	10105264	10736842
61365									
18	2	20.0	53	1839	1229	0	10792429	10736843	11368421
1133145									
19	3	20.0	90	1615	1980	1341	11928642	11368422	12000000

Total number of pulses in waveform = 34



Waveform Num = 4

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	452612									
1	1	18.0	79	1233	0	0	452612	0	599999	
	336315									
2	3	18.0	62	1723	1730	1615	790160	600000	1199999	
	550173									
3	1	18.0	81	1976	0	0	1345401	1200000	1799999	
	522968									
4	3	18.0	91	1722	1055	1558	1870345	1800000	2399999	
	743092									
5	1	18.0	94	1942	0	0	2617772	2400000	2999999	
	746336									
6	1	18.0	63	1798	0	0	3366050	3000000	3599999	
	685677									
7	2	18.0	77	1911	1970	0	4053525	3600000	4199999	
	271204									
8	3	18.0	92	1530	1844	1362	4328610	4200000	4799999	
	780016									
9	3	18.0	96	1796	1727	1565	5113362	4800000	5399999	
	416920									
10	1	18.0	70	1476	0	0	5535370	5400000	5999999	
	546090									
11	3	18.0	85	1832	1125	1041	6082936	6000000	6599999	



1054336

12 1 18.0 86 1373 0 0 7141270 6600000 7199999

303303

13 1 18.0 66 1070 0 0 7445946 7200000 7799999

575950

14 1 18.0 89 1830 0 0 8022966 7800000 8399999

386760

15 1 18.0 86 1428 0 0 8411556 8400000 8999999

1061011

16 2 18.0 61 1698 1705 0 9473995 9000000 9599999

210204

17 1 18.0 53 1694 0 0 9687602 9600000 10199999

1052328

18 3 18.0 58 1794 1725 1883 10741624 10200000 10799999

279341

19 2 18.0 86 1076 1773 0 11026367 10800000 11399999

924825

20 2 18.0 51 1639 1844 0 11954041 11400000 11999999

Total number of pulses in waveform = 36



Waveform Num = 5

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	101088	3	14.0	65	1442	1654	1447	101088	0	857142
2	1486912	3	14.0	73	1357	1980	1218	1592543	857143	1714285
3	910285	2	14.0	77	1583	1286	0	2507383	1714286	2571428
4	447372	3	14.0	56	1516	1050	1679	2957624	2571429	3428571
5	1191747	1	14.0	96	1283	0	0	4153616	3428572	4285714
6	711996	3	14.0	65	1282	1073	1492	4866895	4285715	5142857
7	446727	2	14.0	79	1936	1450	0	5317469	5142858	6000000
8	1520291	1	14.0	57	1745	0	0	6841146	6000001	6857143
9	34838	2	14.0	80	1029	1886	0	6877729	6857144	7714286
10	1196955	3	14.0	80	1829	1048	1404	8077599	7714287	8571429
11	1067478	3	14.0	53	1065	1921	1451	9149358	8571430	9428572



452108

12	3	14.0	52	1028	1157	1047	9605903	9428573	10285715
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717025

13	3	14.0	90	1390	1652	1614	10326160	10285716	11142858
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1024356

14	3	14.0	65	1003	1339	1413	11355172	11142859	12000001
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Total number of pulses in waveform = 35

Waveform Num = 6

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	173327	2	19.0	90	1952	1634	0	173327	0	857142
2	810838	2	19.0	64	1688	1344	0	987751	857143	1714285
3	989810	1	19.0	96	1929	0	0	1980593	1714286	2571428
4	1390534	3	19.0	88	1493	1096	1457	3373056	2571429	3428571
5	705428	3	19.0	57	1945	1159	1884	4082530	3428572	4285714
6	447443	1	19.0	77	1557	0	0	4534961	4285715	5142857
7	752989	2	19.0	80	1591	1815	0	5289507	5142858	6000000
8	819258	3	19.0	67	1340	1840	1967	6112171	6000001	6857143
9	1153939	2	19.0	91	1187	1994	0	7271257	6857144	7714286
10	658909	2	19.0	59	1096	1540	0	7933347	7714287	8571429
11	764533	1	19.0	74	1151	0	0	8700516	8571430	9428572



1137714

12 3 19.0 71 1007 1969 1473 9839381 9428573 10285715

731219

13 2 19.0 64 1063 2000 0 10575049 10285716 11142858

736095

14 1 19.0 69 1568 0 0 11314207 11142859 12000001

Total number of pulses in waveform = 28

Waveform Num = 7

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	29727	3	15.0	61	1493	1007	1345	29727	0	923076
2	1011530	3	15.0	50	1962	1923	1623	1045102	923077	1846153
3	1576387	2	15.0	80	1034	1995	0	2626997	1846154	2769230
4	577078	3	15.0	91	1037	1417	1623	3207104	2769231	3692307
5	747011	1	15.0	79	1201	0	0	3958192	3692308	4615384
6	1538996	2	15.0	88	1190	1707	0	5498389	4615385	5538461
7	615938	2	15.0	99	1460	1496	0	6117224	5538462	6461538
8	472838	2	15.0	64	1995	1103	0	6593018	6461539	7384615
9	954450	1	15.0	82	1525	0	0	7550566	7384616	8307692
10	796764	1	15.0	53	1957	0	0	8348855	8307693	9230769
11	1578706	1	15.0	63	1549	0	0	9929518	9230770	10153846



515305

12 1 15.0 60 1614 0 0 10446372 10153847 11076923

1442664

13 3 15.0 97 1050 1983 1514 11890650 11076924 12000000

Total number of pulses in waveform = 25



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)
	163205									
1	1	12.0	52	1284	0	0	163205	0	599999	
	972902									
2	2	12.0	51	1679	1287	0	1137391	600000	1199999	
	104791									
3	2	12.0	69	1276	1835	0	1245148	1200000	1799999	
	801969									
4	2	12.0	59	1900	1293	0	2050228	1800000	2399999	
	824067									
5	2	12.0	85	1902	1520	0	2877488	2400000	2999999	
	536113									
6	2	12.0	90	1430	1545	0	3417023	3000000	3599999	
	621517									
7	1	12.0	98	1238	0	0	4041515	3600000	4199999	
	176402									
8	3	12.0	71	1150	1766	1095	4219155	4200000	4799999	
	856101									
9	3	12.0	65	1277	2000	1763	5079267	4800000	5399999	
	512524									
10	2	12.0	66	1323	1198	0	5596831	5400000	5999999	
	941925									
11	1	12.0	99	1516	0	0	6541277	6000000	6599999	



201215									
12	2	12.0	60	1294	1375	0	6744008	6600000	7199999
976769									
13	3	12.0	94	1028	1130	1590	7723446	7200000	7799999
651589									
14	3	12.0	75	1678	1804	1884	8378783	7800000	8399999
391644									
15	2	12.0	61	1787	1877	0	8775793	8400000	8999999
270167									
16	2	12.0	75	1240	2000	0	9049624	9000000	9599999
600664									
17	3	12.0	66	1124	1800	1408	9653528	9600000	10199999
825536									
18	1	12.0	67	1448	0	0	10483396	10200000	10799999
635866									
19	1	12.0	73	1504	0	0	11120710	10800000	11399999
759339									
20	1	12.0	63	1514	0	0	11881553	11400000	11999999

Total number of pulses in waveform = 39

Waveform Num = 9

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
563082										
1	3	17.0	84	1949	1980	1802	563082	0	631578	
408858										
2	1	17.0	84	1551	0	0	977671	631579	1263157	
379060										
3	2	17.0	67	1950	1663	0	1358282	1263158	1894736	
992571										
4	1	17.0	68	1600	0	0	2354466	1894737	2526315	
404283										
5	2	17.0	78	1455	1341	0	2760349	2526316	3157894	
806879										
6	3	17.0	87	1269	1744	1622	3570024	3157895	3789473	
502157										
7	1	17.0	95	1162	0	0	4076816	3789474	4421052	
355977										
8	3	17.0	83	1479	1025	1115	4433955	4421053	5052631	
977823										
9	3	17.0	83	1903	1695	1786	5415397	5052632	5684210	
860876										
10	1	17.0	87	1716	0	0	6281657	5684211	6315789	
81293										
11	3	17.0	62	1852	1269	1081	6364666	6315790	6947368	



1028136
12 3 17.0 79 1239 1867 1255 7397004 6947369 7578947
447345
13 3 17.0 100 1858 1244 1074 7848710 7578948 8210526
742658
14 3 17.0 84 1661 1168 1707 8595544 8210527 8842105
599655
15 1 17.0 51 1261 0 0 9199735 8842106 9473684
676570
16 3 17.0 72 1271 1564 1934 9877566 9473685 10105263
621504
17 3 17.0 74 1262 1999 1676 10503839 10105264 10736842
798508
18 1 17.0 87 1178 0 0 11307284 10736843 11368421
643896
19 1 17.0 90 1731 0 0 11952358 11368422 12000000

Total number of pulses in waveform = 41



Waveform Num = 10

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	462200									
1	1	8.0	91	1122	0	0	462200	0	1333332	
	1157001									
2	3	8.0	90	1807	1407	1615	1620323	1333333	2666665	
	2249418									
3	3	8.0	74	1705	1352	1492	3874570	2666666	3999998	
	385468									
4	1	8.0	100	1088	0	0	4264587	3999999	5333331	
	1407723									
5	1	8.0	86	1829	0	0	5673398	5333332	6666664	
	1927885									
6	1	8.0	61	1155	0	0	7603112	6666665	7999997	
	913024									
7	2	8.0	84	1868	1256	0	8517291	7999998	9333330	
	1482025									
8	1	8.0	71	1378	0	0	10002440	9333331	10666663	
	710359									
9	3	8.0	94	1994	1157	1500	10714177	10666664	11999996	

Total number of pulses in waveform = 16



Waveform Num = 11

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	24985	1	9.0	56	1367	0	0	24985	0	999999
2	1348185	3	9.0	91	1669	1001	1089	1374537	1000000	1999999
3	1337023	3	9.0	96	1443	1889	1017	2715319	2000000	2999999
4	1225427	3	9.0	54	1606	1427	1153	3945095	3000000	3999999
5	849265	3	9.0	74	1361	1385	1517	4798546	4000000	4999999
6	1013029	3	9.0	83	1531	1461	1503	5815838	5000000	5999999
7	936349	2	9.0	63	1542	1462	0	6756682	6000000	6999999
8	825924	2	9.0	84	1585	1531	0	7585610	7000000	7999999
9	597801	2	9.0	53	1478	1134	0	8186527	8000000	8999999
10	950925	3	9.0	72	1244	1638	1235	9140064	9000000	9999999
11	888556	1	9.0	97	1315	0	0	10032737	10000000	10999999



1401651

12 3 9.0 65 1935 1626 1346 11435703 11000000 11999999

Total number of pulses in waveform = 29



Waveform Num = 12

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	336649	1	19.0	86	1367	0	0	336649	0	923076
2	1326186	1	19.0	70	1797	0	0	1664202	923077	1846153
3	492660	1	19.0	76	1229	0	0	2158659	1846154	2769230
4	1021899	2	19.0	100	1221	1467	0	3181787	2769231	3692307
5	1344930	1	19.0	75	1177	0	0	4529405	3692308	4615384
6	715890	3	19.0	72	1055	1155	1199	5246472	4615385	5538461
7	303171	1	19.0	87	1528	0	0	5553052	5538462	6461538
8	1767723	1	19.0	64	1310	0	0	7322303	6461539	7384615
9	871981	3	19.0	68	1966	1121	1592	8195594	7384616	8307692
10	419985	3	19.0	93	1502	1313	1796	8620258	8307693	9230769
11	627300	1	19.0	83	1631	0	0	9252169	9230770	10153846



1532171

12 3 19.0 75 1035 1289 1044 10785971 10153847 11076923

388437

13 3 19.0 72 1897 1329 1144 11177776 11076924 12000000

Total number of pulses in waveform = 24

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)
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977969

1	3	20.0	83	1088	1062	1135	977969	0	1333332	
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819826

2	2	20.0	93	1804	1643	0	1801080	1333333	2666665	
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1238792

3	1	20.0	86	1652	0	0	3043319	2666666	3999998	
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1828670

4	1	20.0	84	1906	0	0	4873641	3999999	5333331	
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1751489

5	3	20.0	66	1159	1079	1047	6627036	5333332	6666664	
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738103

6	2	20.0	69	1035	1219	0	7368424	6666665	7999997	
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965899

7	2	20.0	83	1625	1744	0	8336577	7999998	9333330	
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1180440

8	1	20.0	85	1446	0	0	9520386	9333331	10666663	
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1972909

9	1	20.0	59	1127	0	0	11494741	10666664	11999996	
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Total number of pulses in waveform = 16



Waveform Num = 14

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	148947									
1	2	6.0	93	1993	1579	0	148947	0	749999	
	1128818									
2	1	6.0	73	1341	0	0	1281337	750000	1499999	
	221952									
3	2	6.0	77	1503	1216	0	1504630	1500000	2249999	
	880983									
4	3	6.0	79	1938	1751	1442	2388332	2250000	2999999	
	796924									
5	2	6.0	78	1675	1319	0	3190387	3000000	3749999	
	584518									
6	1	6.0	96	1588	0	0	3777899	3750000	4499999	
	996750									
7	1	6.0	98	1892	0	0	4776237	4500000	5249999	
	734631									
8	2	6.0	61	1609	1698	0	5512760	5250000	5999999	
	917528									
9	2	6.0	83	1043	1145	0	6433595	6000000	6749999	
	377981									
10	1	6.0	86	1675	0	0	6813764	6750000	7499999	
	1208131									
11	3	6.0	53	1612	1834	1381	8023570	7500000	8249999	



345615

12	2	6.0	78	1162	1286	0	8374012	8250000	8999999
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1350394

13	1	6.0	64	1883	0	0	9726854	9000000	9749999
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40603

14	2	6.0	97	1740	1013	0	9769340	9750000	10499999
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1422698

15	1	6.0	61	1376	0	0	11194791	10500000	11249999
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537993

16	3	6.0	100	1298	1895	1569	11734160	11250000	11999999
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Total number of pulses in waveform = 29



Waveform Num = 15

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)
683136										
1	1	13.0	87	1901	0	0	683136	0	1333332	
1472178										
2	2	13.0	89	1289	1025	0	2157215	1333333	2666665	
1764502										
3	2	13.0	100	1702	1902	0	3924031	2666666	3999998	
217426										
4	3	13.0	89	1252	1349	1290	4145061	3999999	5333331	
2241089										
5	2	13.0	97	1240	1301	0	6390041	5333332	6666664	
1519220										
6	2	13.0	94	1423	1368	0	7911802	6666665	7999997	
1234424										
7	3	13.0	95	1225	1911	1122	9149017	7999998	9333330	
1144038										
8	1	13.0	56	1982	0	0	10297313	9333331	10666663	
613079										
9	1	13.0	53	1628	0	0	10912374	10666664	11999996	

Total number of pulses in waveform = 17



Waveform Num = 16

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	93882	1	8.0	100	1316	0	0	93882	0	799999
2	1223444	2	8.0	74	1533	1183	0	1318642	800000	1599999
3	958092	3	8.0	71	1935	1331	1538	2279450	1600000	2399999
4	364073	1	8.0	76	1104	0	0	2648327	2400000	3199999
5	696606	1	8.0	98	1338	0	0	3346037	3200000	3999999
6	1394170	2	8.0	63	1999	1421	0	4741545	4000000	4799999
7	505216	1	8.0	78	1133	0	0	5250181	4800000	5599999
8	393126	1	8.0	87	1055	0	0	5644440	5600000	6399999
9	1036365	2	8.0	71	1755	1416	0	6681860	6400000	7199999
10	606886	1	8.0	57	1879	0	0	7291917	7200000	7999999
11	939986	3	8.0	100	1482	1819	1329	8233782	8000000	8799999



734049

12 1 8.0 95 1921 0 0 8972461 8800000 9599999

776998

13 3 8.0 63 1374 1160 1135 9751380 9600000 10399999

747777

14 1 8.0 58 1632 0 0 10502826 10400000 11199999

961990

15 3 8.0 91 1311 1088 1218 11466448 11200000 11999999

Total number of pulses in waveform = 26



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)
935621										
1	1	13.0	77	1725	0	0	935621	0	1199999	
1437084										
2	2	13.0	75	1708	1368	0	2374430	1200000	2399999	
642946										
3	3	13.0	92	1205	1377	1936	3020452	2400000	3599999	
735529										
4	3	13.0	66	1529	1763	1797	3760499	3600000	4799999	
1639031										
5	1	13.0	92	1101	0	0	5404619	4800000	5999999	
1333884										
6	1	13.0	54	1228	0	0	6739604	6000000	7199999	
895749										
7	3	13.0	93	1669	1785	1156	7636581	7200000	8399999	
1713896										
8	1	13.0	74	1803	0	0	9355087	8400000	9599999	
1218659										
9	2	13.0	51	1272	1268	0	10575549	9600000	10799999	
1010229										
10	3	13.0	64	1838	1069	1300	11588318	10800000	11999999	

Total number of pulses in waveform = 20



Waveform Num = 18

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	453418	3	5.0	58	1037	1088	1522	453418	0	705881
2	808675	3	5.0	67	1223	1254	1843	1265740	705882	1411763
3	171263	1	5.0	67	1121	0	0	1441323	1411764	2117645
4	1344199	2	5.0	64	1166	1749	0	2786643	2117646	2823527
5	102519	3	5.0	74	1149	1375	1694	2892077	2823528	3529409
6	1335344	2	5.0	96	1249	1096	0	4231639	3529410	4235291
7	4027	1	5.0	99	1900	0	0	4238011	4235292	4941173
8	810508	2	5.0	54	1796	1207	0	5050419	4941174	5647055
9	1293700	1	5.0	51	1705	0	0	6347122	5647056	6352937
10	699571	2	5.0	67	1238	1496	0	7048398	6352938	7058819
11	679788	2	5.0	79	1807	1010	0	7730920	7058820	7764701



608721

12 2 5.0 85 1327 1652 0 8342458 7764702 8470583

309355

13 3 5.0 82 1357 1775 1820 8654792 8470584 9176465

552157

14 2 5.0 52 1624 1388 0 9211901 9176466 9882347

723240

15 1 5.0 60 1131 0 0 9938153 9882348 10588229

1134366

16 1 5.0 86 1228 0 0 11073650 10588230 11294111

449415

17 2 5.0 96 1888 1646 0 11524293 11294112 11999993

Total number of pulses in waveform = 33



Waveform Num = 19

Num of Bursts = 17

Burst Interval (us) = 705882.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	590204									
1	1	10.0	78	1272	0	0	590204	0	705881	
	538423									
2	3	10.0	84	1096	1270	1839	1129899	705882	1411763	
	380586									
3	2	10.0	63	1054	1589	0	1514690	1411764	2117645	
	960777									
4	2	10.0	56	1542	1878	0	2478110	2117646	2823527	
	909791									
5	2	10.0	59	1816	1513	0	3391321	2823528	3529409	
	459644									
6	2	10.0	94	1905	1456	0	3854294	3529410	4235291	
	748462									
7	3	10.0	59	1559	1108	1263	4606117	4235292	4941173	
	1006427									
8	2	10.0	70	1535	1588	0	5616474	4941174	5647055	
	615474									
9	1	10.0	53	1104	0	0	6235071	5647056	6352937	
	801436									
10	2	10.0	77	1986	1823	0	7037611	6352938	7058819	
	655818									
11	1	10.0	54	1051	0	0	7697238	7058820	7764701	



363920

12 2 10.0 94 1211 1260 0 8062209 7764702 8470583

858405

13 3 10.0 94 1165 1126 1205 8923085 8470584 9176465

405074

14 2 10.0 94 1755 1600 0 9331655 9176466 9882347

1146796

15 1 10.0 74 1450 0 0 10481806 9882348 10588229

467997

16 3 10.0 65 1216 1897 1554 10951253 10588230 11294111

340251

17 2 10.0 98 1382 1040 0 11296171 11294112 11999993

Total number of pulses in waveform = 34



Waveform Num = 20

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	434850	3	19.0	95	1797	1279	1173	434850	0	923076
2	711465	2	19.0	64	1240	1805	0	1150564	923077	1846153
3	1552714	2	19.0	86	1157	1012	0	2706323	1846154	2769230
4	611586	1	19.0	95	1503	0	0	3320078	2769231	3692307
5	914447	2	19.0	97	1531	1487	0	4236028	3692308	4615384
6	1005524	2	19.0	74	1028	1230	0	5244570	4615385	5538461
7	435505	3	19.0	62	1355	1269	1301	5682333	5538462	6461538
8	1591822	3	19.0	87	1991	1299	1683	7278080	6461539	7384615
9	511918	3	19.0	58	1754	1718	1688	7794971	7384616	8307692
10	1068383	3	19.0	77	1852	1958	1177	8868514	8307693	9230769
11	847974	3	19.0	56	1043	1046	1404	9721475	9230770	10153846



933831

12 2 19.0 96 1329 1173 0 10658799 10153847 11076923

538117

13 3 19.0 62 1105 1126 1385 11199418 11076924 12000000

Total number of pulses in waveform = 32



Waveform Num = 21

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	306460	3	17.0	54	1245	1796	1048	306460	0	1499999
2	2364310	3	17.0	85	1947	1232	1013	2674859	1500000	2999999
3	1557989	2	17.0	58	1797	1212	0	4237040	3000000	4499999
4	1693427	1	17.0	63	1075	0	0	5933476	4500000	5999999
5	205913	1	17.0	78	1361	0	0	6140464	6000000	7499999
6	2759393	1	17.0	91	1257	0	0	8901218	7500000	8999999
7	263946	3	17.0	100	1072	1577	1202	9166421	9000000	10499999
8	1382874	2	17.0	92	1124	1556	0	10553146	10500000	11999999

Total number of pulses in waveform = 16

Waveform Num = 22

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
880369										
1	2	6.0	65	1420	1972	0	880369	0	923076	
313483										
2	3	6.0	80	1416	1514	1765	1197244	923077	1846153	
1493649										
3	1	6.0	50	1863	0	0	2695588	1846154	2769230	
230468										
4	2	6.0	87	1336	1542	0	2927919	2769231	3692307	
1290877										
5	2	6.0	51	1237	1362	0	4221674	3692308	4615384	
976504										
6	2	6.0	80	1798	1380	0	5200777	4615385	5538461	
1074729										
7	3	6.0	57	1038	1200	1584	6278684	5538462	6461538	
1006113										
8	1	6.0	60	1344	0	0	7288619	6461539	7384615	
496137										
9	3	6.0	59	1287	1360	1798	7786100	7384616	8307692	
617977										
10	2	6.0	88	1677	1890	0	8408522	8307693	9230769	
1717147										
11	3	6.0	54	1702	1418	1935	10129236	9230770	10153846	



816072

12 2 6.0 97 1927 1541 0 10950363 10153847 11076923

280189

13 1 6.0 81 1839 0 0 11234020 11076924 12000000

Total number of pulses in waveform = 27



Waveform Num = 23

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
412631										
1	2	10.0	75	1180	1078	0	0	412631	0	857142
502710										
2	1	10.0	79	1021	0	0	0	917599	857143	1714285
1457936										
3	1	10.0	66	1131	0	0	0	2376556	1714286	2571428
786603										
4	3	10.0	66	1487	1582	1723	0	3164290	2571429	3428571
473782										
5	1	10.0	57	1954	0	0	0	3642864	3428572	4285714
739357										
6	1	10.0	99	1422	0	0	0	4384175	4285715	5142857
1212030										
7	2	10.0	74	1355	1757	0	0	5597627	5142858	6000000
452962										
8	1	10.0	70	1492	0	0	0	6053701	6000001	6857143
1127329										
9	2	10.0	97	1820	1039	0	0	7182522	6857144	7714286
886595										
10	3	10.0	67	1419	1470	1416	0	8071976	7714287	8571429
593634										
11	3	10.0	83	1426	1546	1269	0	8669915	8571430	9428572



1163120

12 3 10.0 72 1693 1057 1614 9837276 9428573 10285715

594855

13 3 10.0 65 1524 1761 1761 10436495 10285716 11142858

790581

14 3 10.0 66 1317 1040 1467 11232122 11142859 12000001

Total number of pulses in waveform = 29



Waveform Num = 24

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	384594									
1		3	19.0	100	1312	1618	1243	384594	0	631578
	492989									
2		2	19.0	57	1071	1101	0	881756	631579	1263157
	393523									
3		1	19.0	63	1773	0	0	1277451	1263158	1894736
	716168									
4		2	19.0	96	1898	1181	0	1995392	1894737	2526315
	756674									
5		3	19.0	87	1427	1946	1235	2755145	2526316	3157894
	934051									
6		1	19.0	63	1898	0	0	3693804	3157895	3789473
	255778									
7		1	19.0	51	1981	0	0	3951480	3789474	4421052
	968267									
8		1	19.0	81	1074	0	0	4921728	4421053	5052631
	384644									
9		3	19.0	79	1020	1349	1303	5307446	5052632	5684210
	1002040									
10		1	19.0	55	1092	0	0	6313158	5684211	6315789
	352026									
11		2	19.0	67	1386	1870	0	6666276	6315790	6947368



696414									
12	1	19.0	55	1980	0	0	7365946	6947369	7578947
573478									
13	3	19.0	56	1750	1240	1024	7941404	7578948	8210526
318505									
14	3	19.0	77	1342	1083	1897	8263923	8210527	8842105
1042590									
15	2	19.0	78	1501	1067	0	9310835	8842106	9473684
654924									
16	3	19.0	60	1987	1102	1339	9968327	9473685	10105263
702120									
17	3	19.0	73	1671	1108	1425	10674875	10105264	10736842
278136									
18	1	19.0	52	1985	0	0	10957215	10736843	11368421
640111									
19	2	19.0	91	1481	1130	0	11599311	11368422	12000000

Total number of pulses in waveform = 38



Waveform Num = 25

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	383982									
1	2	15.0	69	1736	1519	0	383982	0	1499999	
	2254022									
2	1	15.0	58	1253	0	0	2641259	1500000	2999999	
	754321									
3	1	15.0	62	1802	0	0	3396833	3000000	4499999	
	1731195									
4	2	15.0	89	1657	1161	0	5129830	4500000	5999999	
	1523879									
5	3	15.0	84	1365	1481	1555	6656527	6000000	7499999	
	2334377									
6	1	15.0	63	1617	0	0	8995305	7500000	8999999	
	357810									
7	3	15.0	74	1857	1958	1912	9354732	9000000	10499999	
	1845620									
8	2	15.0	68	1665	1124	0	11206079	10500000	11999999	

Total number of pulses in waveform = 15



Waveform Num = 26

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1181633	2	12.0	53	1366	1603	0	1181633	0	1199999
2	59786	3	12.0	54	1399	1271	1930	1244388	1200000	2399999
3	2127655	3	12.0	91	1689	1849	1197	3376643	2400000	3599999
4	761802	3	12.0	57	1050	1907	1999	4143180	3600000	4799999
5	1826058	3	12.0	99	1281	1276	1803	5974194	4800000	5999999
6	354363	2	12.0	85	1259	1130	0	6332917	6000000	7199999
7	1442494	1	12.0	82	1832	0	0	7777800	7200000	8399999
8	977674	2	12.0	98	1851	1622	0	8757306	8400000	9599999
9	1082748	3	12.0	65	1336	1001	1702	9843527	9600000	10799999
10	2023624	1	12.0	87	1024	0	0	11871190	10800000	11999999

Total number of pulses in waveform = 23



Waveform Num = 27

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1069498	1	14.0	99	1703	0	0	1069498	0	1333332
2	409535	3	14.0	84	1073	1758	1448	1480736	1333333	2666665
3	1581645	2	14.0	58	1234	1204	0	3066660	2666666	3999998
4	1231876	2	14.0	64	1387	1068	0	4300974	3999999	5333331
5	1129395	1	14.0	93	1168	0	0	5432824	5333332	6666664
6	1598874	2	14.0	93	1882	1713	0	7032866	6666665	7999997
7	1247935	3	14.0	78	1772	1732	1981	8284396	7999998	9333330
8	1143754	3	14.0	92	1214	1330	1421	9433635	9333331	10666663
9	2128475	2	14.0	81	1494	1210	0	11566075	10666664	11999996

Total number of pulses in waveform = 19



Waveform Num = 28

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)
	1046170									
1		3	19.0	80	1365	1708	1071	1046170	0	1333332
	652174									
2		1	19.0	79	1274	0	0	1702488	1333333	2666665
	1606934									
3		2	19.0	52	1867	1576	0	3310696	2666666	3999998
	1376811									
4		1	19.0	89	1810	0	0	4690950	3999999	5333331
	641736									
5		3	19.0	99	1870	1179	1891	5334496	5333332	6666664
	2183293									
6		3	19.0	98	1432	1862	1237	7522729	6666665	7999997
	1523280									
7		3	19.0	53	1365	1452	1565	9050540	7999998	9333330
	575200									
8		1	19.0	96	1817	0	0	9630122	9333331	10666663
	1435401									
9		3	19.0	89	1674	1720	1565	11067340	10666664	11999996

Total number of pulses in waveform = 20



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)
	210541									
1	3	8.0	94	1810	1804	1693	210541	0	599999	
	824315									
2	3	8.0	69	1508	1758	1342	1040163	600000	1199999	
	554122									
3	2	8.0	67	1966	1440	0	1598893	1200000	1799999	
	533567									
4	2	8.0	86	1525	1067	0	2135866	1800000	2399999	
	417786									
5	3	8.0	96	1146	1952	1615	2556244	2400000	2999999	
	836024									
6	2	8.0	50	1242	1728	0	3396981	3000000	3599999	
	451839									
7	1	8.0	65	1792	0	0	3851790	3600000	4199999	
	384987									
8	2	8.0	56	1547	1257	0	4238569	4200000	4799999	
	966046									
9	2	8.0	84	1123	1268	0	5207419	4800000	5399999	
	545708									
10	3	8.0	88	1700	1313	1755	5755518	5400000	5999999	
	300053									
11	1	8.0	64	1552	0	0	6060339	6000000	6599999	



837530									
12	1	8.0	52	1024	0	0	6899421	6600000	7199999
309610									
13	1	8.0	67	1492	0	0	7210055	7200000	7799999
595849									
14	1	8.0	70	1650	0	0	7807396	7800000	8399999
746086									
15	2	8.0	62	1856	1169	0	8555132	8400000	8999999
448060									
16	3	8.0	77	1256	1736	1918	9006217	9000000	9599999
973265									
17	2	8.0	56	1213	1793	0	9984392	9600000	10199999
291292									
18	1	8.0	91	1496	0	0	10278690	10200000	10799999
1067487									
19	3	8.0	75	1686	1518	1694	11347673	10800000	11399999
94387									
20	2	8.0	86	1123	1851	0	11446958	11400000	11999999

Total number of pulses in waveform = 40



Waveform Num = 30

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)
	65417									
1	3	19.0	90	1579	1600	1698	65417	0	599999	
	826337									
2	3	19.0	80	1534	1074	1801	896631	600000	1199999	
	701073									
3	2	19.0	71	1062	1722	0	1602113	1200000	1799999	
	775784									
4	3	19.0	79	1357	1699	1872	2380681	1800000	2399999	
	32467									
5	3	19.0	58	1405	1085	1877	2418076	2400000	2999999	
	1041809									
6	3	19.0	80	1763	1786	1633	3464252	3000000	3599999	
	548793									
7	1	19.0	53	1971	0	0	4018227	3600000	4199999	
	259876									
8	3	19.0	82	1557	1470	1051	4280074	4200000	4799999	
	1105669									
9	1	19.0	69	1104	0	0	5389821	4800000	5399999	
	110367									
10	1	19.0	100	1397	0	0	5501292	5400000	5999999	
	814661									
11	3	19.0	74	1014	1218	1289	6317350	6000000	6599999	



742413

12 1 19.0 92 1407 0 0 7063284 6600000 7199999

347142

13 2 19.0 84 1171 1578 0 7411833 7200000 7799999

597237

14 2 19.0 87 1568 1000 0 8011819 7800000 8399999

460361

15 3 19.0 98 1664 1820 1489 8474748 8400000 8999999

1026762

16 1 19.0 63 1720 0 0 9506483 9000000 9599999

184981

17 2 19.0 57 1096 1326 0 9693184 9600000 10199999

1048975

18 1 19.0 99 1523 0 0 10744581 10200000 10799999

347980

19 1 19.0 50 1360 0 0 11094084 10800000 11399999

747470

20 1 19.0 68 1311 0 0 11842914 11400000 11999999

Total number of pulses in waveform = 40



30 MHz Bandwidth

Waveform Num = 1

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)
	103900									
1	3	18.0	82	1024	1335	1468	103900	0	631578	
	1110864									
2	1	18.0	77	1208	0	0	1218591	631579	1263157	
	109448									
3	3	18.0	90	1111	1760	1917	1329247	1263158	1894736	
	1129645									
4	2	18.0	63	1800	1704	0	2463680	1894737	2526315	
	537728									
5	1	18.0	52	1249	0	0	3004912	2526316	3157894	
	479690									
6	3	18.0	55	1215	1748	1304	3485851	3157895	3789473	
	748643									
7	2	18.0	64	1161	1451	0	4238761	3789474	4421052	
	275971									
8	1	18.0	72	1174	0	0	4517344	4421053	5052631	
	681603									
9	3	18.0	73	1911	1027	1725	5200121	5052632	5684210	
	580008									
10	3	18.0	67	1016	1154	1020	5784792	5684211	6315789	



830279									
11	3	18.0	73	1352	1742	1372	6618261	6315790	6947368
349478									
12	2	18.0	50	1564	1999	0	6972205	6947369	7578947
1046028									
13	3	18.0	90	1204	1155	1693	8021796	7578948	8210526
698213									
14	3	18.0	73	1102	1943	1220	8724061	8210527	8842105
445155									
15	3	18.0	64	1203	1124	1049	9173481	8842106	9473684
713581									
16	2	18.0	90	1963	1143	0	9890438	9473685	10105263
532530									
17	3	18.0	54	1382	1240	1099	10426074	10105264	10736842
619141									
18	2	18.0	59	1035	1754	0	11048936	10736843	11368421
608024									
19	1	18.0	85	1292	0	0	11659749	11368422	12000000

Total number of pulses in waveform = 44



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)
	574404									
1	1	1	8.0	62	1199	0	0	574404	0	999999
	1099407									
2	1	1	8.0	89	1297	0	0	1675010	1000000	1999999
	982468									
3	2	2	8.0	86	1865	1045	0	2658775	2000000	2999999
	1318497									
4	1	1	8.0	52	1427	0	0	3980182	3000000	3999999
	309346									
5	3	3	8.0	73	1044	1955	1282	4290955	4000000	4999999
	1478922									
6	3	3	8.0	67	1651	1515	1434	5774158	5000000	5999999
	977401									
7	3	3	8.0	66	2000	1124	1046	6756159	6000000	6999999
	644952									
8	2	2	8.0	77	1734	1982	0	7405281	7000000	7999999
	844570									
9	2	2	8.0	67	1511	1622	0	8253567	8000000	8999999
	1023987									
10	2	2	8.0	65	1392	1401	0	9280687	9000000	9999999
	1504625									
11	2	2	8.0	51	1212	1535	0	10788105	10000000	10999999
	768160									
12	1	1	8.0	81	1377	0	0	11559012	11000000	11999999



Total number of pulses in waveform = 23



Waveform Num = 3

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)
1	41025	3	9.0	76	1129	1253	1563	41025	0	1199999
2	1862967	3	9.0	73	1514	1932	1988	1907937	1200000	2399999
3	1057858	2	9.0	87	1929	1159	0	2971229	2400000	3599999
4	718210	1	9.0	64	1722	0	0	3692527	3600000	4799999
5	1722428	1	9.0	77	1135	0	0	5416677	4800000	5999999
6	1647378	2	9.0	70	1275	1614	0	7065190	6000000	7199999
7	563770	3	9.0	55	1043	1694	1375	7631849	7200000	8399999
8	1026784	3	9.0	95	1729	1176	1587	8662745	8400000	9599999
9	1364173	3	9.0	91	1010	1447	1771	10031410	9600000	10799999
10	1123753	2	9.0	78	1703	1995	0	11159391	10800000	11999999

Total number of pulses in waveform = 23



Waveform Num = 4

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	485798	1	12.0	58	1254	0	0	485798	0	705881
2	239451	1	12.0	91	1957	0	0	726503	705882	1411763
3	1229465	3	12.0	79	1442	1227	1136	1957925	1411764	2117645
4	583260	2	12.0	90	1430	1377	0	2544990	2117646	2823527
5	771828	2	12.0	55	1694	1615	0	3319625	2823528	3529409
6	711224	3	12.0	50	1296	1865	1166	4034158	3529410	4235291
7	336982	1	12.0	64	1285	0	0	4375467	4235292	4941173
8	1005733	3	12.0	52	1140	1730	1062	5382485	4941174	5647055
9	299457	1	12.0	71	1332	0	0	5685874	5647056	6352937
10	1242783	1	12.0	57	1122	0	0	6929989	6352938	7058819
11	276283	2	12.0	85	1288	1599	0	7207394	7058820	7764701
12	692386	1	12.0	78	1814	0	0	7902667	7764702	8470583



767375

13 3 12.0 76 1534 1492 1157 8671856 8470584 9176465

1168054

14 2 12.0 67 1650 1986 0 9844093 9176466 9882347

173138

15 3 12.0 71 1805 1480 1215 10020867 9882348 10588229

1013628

16 2 12.0 68 1294 1647 0 11038995 10588230 11294111

474661

17 2 12.0 93 1970 1587 0 11516597 11294112 11999993

Total number of pulses in waveform = 33



Waveform Num = 5

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	178245	2	10.0	83	1137	1212	0	178245	0	999999
2	960675	1	10.0	79	1807	0	0	1141269	1000000	1999999
3	1324337	1	10.0	50	1500	0	0	2467413	2000000	2999999
4	916157	3	10.0	55	1727	1719	1641	3385070	3000000	3999999
5	851880	1	10.0	100	1581	0	0	4242037	4000000	4999999
6	1488714	3	10.0	56	1347	1710	1549	5732332	5000000	5999999
7	779458	2	10.0	55	1757	1691	0	6516396	6000000	6999999
8	1440862	2	10.0	83	1551	1328	0	7960706	7000000	7999999
9	100390	2	10.0	54	1425	1311	0	8063975	8000000	8999999
10	989902	1	10.0	72	1229	0	0	9056613	9000000	9999999
11	1417419	1	10.0	58	1087	0	0	10475261	10000000	10999999
12	903220	3	10.0	77	1358	1209	1574	11379568	11000000	11999999



Total number of pulses in waveform = 22



Waveform Num = 6

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	116278	2	11.0	86	1300	1795	0	116278	0	923076
2	994256	3	11.0	53	1036	1363	1718	1113629	923077	1846153
3	1001649	1	11.0	51	1617	0	0	2119395	1846154	2769230
4	1024729	2	11.0	82	1539	1639	0	3145741	2769231	3692307
5	954115	3	11.0	64	1038	1914	1928	4103034	3692308	4615384
6	832180	3	11.0	51	1005	1208	1205	4940094	4615385	5538461
7	727999	1	11.0	68	1960	0	0	5671511	5538462	6461538
8	1375428	3	11.0	60	1727	1044	1344	7048899	6461539	7384615
9	725947	3	11.0	74	1602	1608	1599	7778961	7384616	8307692
10	801603	1	11.0	53	1837	0	0	8585373	8307693	9230769
11	1087449	3	11.0	100	1683	1261	1422	9674659	9230770	10153846
12	1090560	2	11.0	66	1052	1062	0	10769585	10153847	11076923



1053644

13 1 11.0 84 1373 0 0 11825343 11076924 12000000

Total number of pulses in waveform = 28



Waveform Num = 7

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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)
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662011

1	3	18.0	82	1592	1354	1733	662011	0	1499999
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2326637

2	3	18.0	81	1427	1260	1070	2993327	1500000	2999999
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64660

3	1	18.0	86	1376	0	0	3061744	3000000	4499999
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2288211

4	1	18.0	86	1527	0	0	5351331	4500000	5999999
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1528080

5	3	18.0	81	1483	1467	1267	6880938	6000000	7499999
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1601109

6	3	18.0	65	1287	1143	1466	8486264	7500000	8999999
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736957

7	1	18.0	86	1528	0	0	9227117	9000000	10499999
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1795567

8	1	18.0	68	1738	0	0	11024212	10500000	11999999
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Total number of pulses in waveform = 16



Waveform Num = 8

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	150988	2	15.0	99	1167	1020	0	150988	0	857142
2	1549632	2	15.0	59	1138	1482	0	1702807	857143	1714285
3	231119	1	15.0	58	1060	0	0	1936546	1714286	2571428
4	1042763	3	15.0	80	1452	1292	1171	2980369	2571429	3428571
5	848857	1	15.0	92	1642	0	0	3833141	3428572	4285714
6	611712	3	15.0	76	1054	1125	1985	4446495	4285715	5142857
7	1330800	1	15.0	62	1520	0	0	5781459	5142858	6000000
8	1010418	2	15.0	85	1727	1977	0	6793397	6000001	6857143
9	761168	1	15.0	62	1476	0	0	7558269	6857144	7714286
10	175912	3	15.0	56	1277	1033	1503	7735657	7714287	8571429
11	1119823	1	15.0	85	1356	0	0	8859293	8571430	9428572
12	1400781	1	15.0	71	1273	0	0	10261430	9428573	10285715



855697

13	2	15.0	82	1768	1465	0	11118400	10285716	11142858
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308055

14	2	15.0	83	1933	1437	0	11429688	11142859	12000001
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Total number of pulses in waveform = 25



Waveform Num = 9

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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)
316591										
1	3	17.0	52	1892	1508	1615	316591	0	1499999	
1557872										
2	3	17.0	93	1770	1987	1783	1879478	1500000	2999999	
2586903										
3	1	17.0	100	1010	0	0	4471921	3000000	4499999	
526708										
4	3	17.0	60	1159	1059	1165	4999639	4500000	5999999	
2329562										
5	3	17.0	90	1661	1813	1289	7332584	6000000	7499999	
224787										
6	2	17.0	70	1262	1327	0	7562134	7500000	8999999	
1526788										
7	3	17.0	55	1053	1615	1224	9091511	9000000	10499999	
2887675										
8	3	17.0	93	1306	1683	1529	11983078	10500000	11999999	
Total number of pulses in waveform = 21										



Waveform Num = 10

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	49568	3	5.0	71	1268	1114	1868	49568	0	599999
2	956902	3	5.0	97	1037	1666	1310	1010720	600000	1199999
3	645547	3	5.0	75	1260	1100	1587	1660280	1200000	1799999
4	497274	3	5.0	59	1240	1189	1954	2161501	1800000	2399999
5	661528	3	5.0	86	1319	1403	1896	2827412	2400000	2999999
6	756556	2	5.0	67	1068	1475	0	3588586	3000000	3599999
7	203682	2	5.0	75	1172	1701	0	3794811	3600000	4199999
8	567012	1	5.0	67	1665	0	0	4364696	4200000	4799999
9	824754	1	5.0	73	1605	0	0	5191115	4800000	5399999
10	768512	1	5.0	63	1712	0	0	5961232	5400000	5999999
11	379975	2	5.0	83	1252	1515	0	6342919	6000000	6599999
12	616400	2	5.0	71	1596	1532	0	6962086	6600000	7199999



747846									
13	3	5.0	59	1092	1334	1564	7713060	7200000	7799999
334277									
14	2	5.0	55	1549	1391	0	8051327	7800000	8399999
940902									
15	2	5.0	59	1748	1758	0	8995169	8400000	8999999
66844									
16	2	5.0	71	1250	1717	0	9065519	9000000	9599999
534840									
17	3	5.0	81	1387	1606	1915	9603326	9600000	10199999
772268									
18	3	5.0	60	1353	1009	1768	10380502	10200000	10799999
510274									
19	3	5.0	85	1418	1157	1318	10894906	10800000	11399999
986103									
20	2	5.0	58	1546	1339	0	11884902	11400000	11999999

Total number of pulses in waveform = 46



Waveform Num = 11

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	654262	3	9.0	64	1398	1745	1881	654262	0	799999
2	386907	1	9.0	91	1925	0	0	1046193	800000	1599999
3	1236427	2	9.0	66	1066	1040	0	2284545	1600000	2399999
4	649059	1	9.0	71	1960	0	0	2935710	2400000	3199999
5	876653	3	9.0	69	1201	1719	1588	3814323	3200000	3999999
6	346044	2	9.0	73	1249	1796	0	4164875	4000000	4799999
7	1064905	1	9.0	85	1530	0	0	5232825	4800000	5599999
8	392200	3	9.0	50	1135	1686	1211	5626555	5600000	6399999
9	894348	2	9.0	67	1767	1864	0	6524935	6400000	7199999
10	1405089	1	9.0	53	1984	0	0	7933655	7200000	7999999
11	72751	2	9.0	65	1684	1612	0	8008390	8000000	8799999
12	1297224	3	9.0	98	1695	1241	1172	9308910	8800000	9599999



573143

13 1 9.0 81 1278 0 0 9886161 9600000 10399999

661803

14 3 9.0 84 1804 1849 1636 10549242 10400000 11199999

970212

15 1 9.0 93 1605 0 0 11524743 11200000 11999999

Total number of pulses in waveform = 29



Waveform Num = 12

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	368416	2	10.0	71	1308	1260	0	368416	0	666666
2	560586	2	10.0	82	1638	1780	0	931570	666667	1333333
3	836711	3	10.0	66	1781	1087	1596	1771699	1333334	2000000
4	737547	3	10.0	88	1873	1293	1398	2513710	2000001	2666667
5	323056	1	10.0	85	1301	0	0	2841330	2666668	3333334
6	709287	1	10.0	55	1233	0	0	3551918	3333335	4000001
7	1092970	3	10.0	99	1210	1206	1377	4646121	4000002	4666668
8	157898	1	10.0	81	1554	0	0	4807812	4666669	5333335
9	572073	1	10.0	67	1046	0	0	5381439	5333336	6000002
10	839942	3	10.0	67	1992	1323	1154	6222427	6000003	6666669
11	834128	2	10.0	87	1971	1019	0	7061024	6666670	7333336
12	466102	2	10.0	57	1573	1215	0	7530116	7333337	8000003



825733

13 1 10.0 62 1314 0 0 8358637 8000004 8666670

920392

14 2 10.0 52 1770 1985 0 9280343 8666671 9333337

202644

15 2 10.0 54 1623 1563 0 9486742 9333338 10000004

1168880

16 2 10.0 96 1645 1741 0 10658808 10000005 10666671

557858

17 3 10.0 97 1646 1181 1964 11220052 10666672 11333338

602847

18 1 10.0 89 1441 0 0 11827690 11333339 12000005

Total number of pulses in waveform = 35



Waveform Num = 13

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)
	169417									
1	3	7.0	85	1042	1304	1555	169417	0	999999	
	1332904									
2	3	7.0	77	1959	1406	1442	1506222	1000000	1999999	
	870938									
3	3	7.0	51	1098	1626	1702	2381967	2000000	2999999	
	828364									
4	3	7.0	59	1625	1276	1832	3214757	3000000	3999999	
	1530141									
5	1	7.0	98	1987	0	0	4749631	4000000	4999999	
	501130									
6	1	7.0	63	1360	0	0	5252748	5000000	5999999	
	1038592									
7	3	7.0	97	1117	1553	1847	6292700	6000000	6999999	
	1241830									
8	2	7.0	58	1423	1417	0	7539047	7000000	7999999	
	1406097									
9	2	7.0	56	1543	1880	0	8947984	8000000	8999999	
	88845									
10	1	7.0	71	1010	0	0	9040252	9000000	9999999	
	1857033									
11	3	7.0	74	1544	1130	1970	10898295	10000000	10999999	
	473468									
12	1	7.0	75	1878	0	0	11376407	11000000	11999999	

Total number of pulses in waveform = 26



Waveform Num = 14

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)
660012										
1	1	1	12.0	54	1873	0	0	660012	0	999999
1223753										
2	2	2	12.0	77	1025	1234	0	1885638	1000000	1999999
146517										
3	2	2	12.0	90	1469	1638	0	2034414	2000000	2999999
1536589										
4	3	3	12.0	67	1110	1995	1603	3574110	3000000	3999999
1360798										
5	1	1	12.0	51	1307	0	0	4939616	4000000	4999999
101947										
6	2	2	12.0	78	1167	1063	0	5042870	5000000	5999999
1343020										
7	1	1	12.0	88	1085	0	0	6388120	6000000	6999999
1157922										
8	1	1	12.0	54	1074	0	0	7547127	7000000	7999999
1135119										
9	2	2	12.0	100	1344	1676	0	8683320	8000000	8999999
1035051										
10	3	3	12.0	81	1304	1212	1968	9721391	9000000	9999999
759238										
11	3	3	12.0	85	1061	1621	1394	10485113	10000000	10999999
795461										
12	2	2	12.0	78	1051	1216	0	11284650	11000000	11999999

Total number of pulses in waveform = 23



Waveform Num = 15

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)
	768751									
1	2	18.0	83	1894	1445	0		768751	0	857142
	791863									
2	1	18.0	85	1493	0	0		1563953	857143	1714285
	193284									
3	2	18.0	68	1702	1024	0		1758730	1714286	2571428
	1142080									
4	1	18.0	83	1258	0	0		2903536	2571429	3428571
	1188659									
5	3	18.0	55	1050	1835	1351		4093453	3428572	4285714
	420937									
6	2	18.0	65	1215	1144	0		4518626	4285715	5142857
	1276145									
7	2	18.0	55	1646	1693	0		5797130	5142858	6000000
	391941									
8	3	18.0	52	1082	1118	1413		6192410	6000001	6857143
	1114507									
9	2	18.0	65	1482	1046	0		7310530	6857144	7714286
	1162195									
10	1	18.0	94	1001	0	0		8475253	7714287	8571429
	199001									
11	2	18.0	92	1861	1069	0		8675255	8571430	9428572
	786277									
12	1	18.0	85	1238	0	0		9464462	9428573	10285715



822426

13 1 18.0 60 1892 0 0 10288126 10285716 11142858

1344169

14 2 18.0 87 1681 1558 0 11634187 11142859 12000001

Total number of pulses in waveform = 25



Waveform Num = 16

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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)
807897										
1	3	15.0	59	1792	1940	1343	807897	0	1499999	
1787828										
2	3	15.0	60	1853	1294	1030	2600800	1500000	2999999	
1493820										
3	3	15.0	90	1300	1533	1067	4098797	3000000	4499999	
1331529										
4	1	15.0	61	1056	0	0	5434226	4500000	5999999	
1010007										
5	1	15.0	59	1642	0	0	6445289	6000000	7499999	
2477474										
6	1	15.0	98	1627	0	0	8924405	7500000	8999999	
1366216										
7	2	15.0	100	1343	1574	0	10292248	9000000	10499999	
862443										
8	2	15.0	64	1498	1629	0	11157608	10500000	11999999	
Total number of pulses in waveform = 16										



Waveform Num = 17

Num of Bursts = 11

Burst Interval (us) = 1090909.0

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	367183	3	16.0	84	1697	1777	1774	367183	0	1090908
2	1598816	2	16.0	70	1339	1699	0	1971247	1090909	2181817
3	1124206	1	16.0	76	1654	0	0	3098491	2181818	3272726
4	870204	2	16.0	77	1031	1780	0	3970349	3272727	4363635
5	1157815	3	16.0	55	1307	1659	1387	5130975	4363636	5454544
6	855749	1	16.0	91	1587	0	0	5991077	5454545	6545453
7	879428	1	16.0	94	1731	0	0	6872092	6545454	7636362
8	1384690	2	16.0	62	1649	1975	0	8258513	7636363	8727271
9	607602	2	16.0	85	1988	1679	0	8869739	8727272	9818180
10	1984382	2	16.0	93	1496	1423	0	10857788	9818181	10909089
11	597288	2	16.0	62	1547	1267	0	11457995	10909090	11999998

Total number of pulses in waveform = 21



Waveform Num = 18

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1154478	1	10.0	85	1493	0	0	1154478	0	1199999
2	1145333	1	10.0	63	1106	0	0	2301304	1200000	2399999
3	893810	2	10.0	85	1191	1343	0	3196220	2400000	3599999
4	1000706	2	10.0	68	1062	1615	0	4199460	3600000	4799999
5	1740680	3	10.0	77	1944	1409	1947	5942817	4800000	5999999
6	575996	3	10.0	89	1857	1983	1141	6524113	6000000	7199999
7	902805	1	10.0	96	1170	0	0	7431899	7200000	8399999
8	1455340	1	10.0	57	1243	0	0	8888409	8400000	9599999
9	1346582	3	10.0	71	1310	1112	1043	10236234	9600000	10799999
10	1405558	2	10.0	63	1154	1842	0	11645257	10800000	11999999

Total number of pulses in waveform = 19



Waveform Num = 19

Num of Bursts = 18

Burst Interval (us) = 666667.0

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)
32971										
1	3	13.0	78	1124	1243	1603	32971	0	666666	
1120143										
2	2	13.0	78	1486	1685	0	1157084	666667	1333333	
446352										
3	3	13.0	70	1462	1374	1564	1606607	1333334	2000000	
507203										
4	2	13.0	72	1990	1806	0	2118210	2000001	2666667	
1075364										
5	2	13.0	77	1327	1761	0	3197370	2666668	3333334	
605076										
6	2	13.0	76	1846	1111	0	3805534	3333335	4000001	
235474										
7	3	13.0	97	1028	1594	1551	4043965	4000002	4666668	
863177										
8	1	13.0	87	1081	0	0	4911315	4666669	5333335	
775159										
9	1	13.0	64	1674	0	0	5687555	5333336	6000002	
934496										
10	1	13.0	88	1840	0	0	6623725	6000003	6666669	
544433										
11	1	13.0	68	1484	0	0	7169998	6666670	7333336	
825063										
12	1	13.0	75	1044	0	0	7996545	7333337	8000003	



647182

13 2 13.0 94 1528 1608 0 8644771 8000004 8666670

595654

14 3 13.0 74 1747 1093 1546 9243561 8666671 9333337

301259

15 1 13.0 73 1715 0 0 9549206 9333338 10000004

830257

16 1 13.0 52 1575 0 0 10381178 10000005 10666671

669629

17 3 13.0 94 1491 1838 1146 11052382 10666672 11333338

361407

18 3 13.0 95 1365 1422 1928 11418264 11333339 12000005

Total number of pulses in waveform = 35



Waveform Num = 20

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	38594	1	5.0	58	1132	0	0	38594	0	631578
2	925360	1	5.0	88	1602	0	0	965086	631579	1263157
3	716130	3	5.0	56	1925	1128	1335	1682818	1263158	1894736
4	260372	3	5.0	87	1233	1397	1131	1947578	1894737	2526315
5	929904	3	5.0	75	1392	1141	1094	2881243	2526316	3157894
6	331868	3	5.0	96	1054	1245	1232	3216738	3157895	3789473
7	758996	1	5.0	78	1778	0	0	3979265	3789474	4421052
8	1032380	3	5.0	83	1274	1381	1399	5013423	4421053	5052631
9	470929	1	5.0	94	1091	0	0	5488406	5052632	5684210
10	466152	2	5.0	64	1168	1316	0	5955649	5684211	6315789
11	715120	1	5.0	91	1146	0	0	6673253	6315790	6947368
12	492997	3	5.0	81	1270	1688	1517	7167396	6947369	7578947



856256

13	2	5.0	85	1290	1759	0	8028127	7578948	8210526
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758956

14	1	5.0	74	1159	0	0	8790132	8210527	8842105
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163089

15	3	5.0	85	1546	1619	1268	8954380	8842106	9473684
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761233

16	3	5.0	69	1733	1970	1083	9720046	9473685	10105263
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837730

17	3	5.0	86	1482	1375	1498	10562562	10105264	10736842
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642480

18	1	5.0	77	1517	0	0	11209397	10736843	11368421
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636048

19	1	5.0	52	1363	0	0	11846962	11368422	12000000
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Total number of pulses in waveform = 39



Waveform Num = 21

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	98299	3	14.0	90	1025	1179	1436	98299	0	857142
2	1186721	3	14.0	59	1935	1935	1189	1288660	857143	1714285
3	1006719	2	14.0	78	1625	1920	0	2300438	1714286	2571428
4	341730	1	14.0	73	1632	0	0	2645713	2571429	3428571
5	830104	1	14.0	56	1873	0	0	3477449	3428572	4285714
6	1595619	1	14.0	98	1119	0	0	5074941	4285715	5142857
7	786886	1	14.0	53	1353	0	0	5862946	5142858	6000000
8	748093	2	14.0	77	1806	1493	0	6612392	6000001	6857143
9	896643	3	14.0	75	1082	1843	1484	7512334	6857144	7714286
10	596588	2	14.0	79	1198	1785	0	8113331	7714287	8571429
11	736327	3	14.0	58	1434	1907	1501	8852641	8571430	9428572
12	1210245	1	14.0	98	1650	0	0	10067728	9428573	10285715



254212

13 3 14.0 80 1861 1357 1521 10323590 10285716 11142858

1078694

14 1 14.0 97 1669 0 0 11407023 11142859 12000001

Total number of pulses in waveform = 27



Waveform Num = 22

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	221806	3	8.0	84	1656	1939	1589	221806	0	999999
2	902903	3	8.0	92	1995	1572	1125	1129893	1000000	1999999
3	1546639	1	8.0	55	1591	0	0	2681224	2000000	2999999
4	722759	3	8.0	66	1305	1785	1643	3405574	3000000	3999999
5	1356491	1	8.0	69	1684	0	0	4766798	4000000	4999999
6	1080164	2	8.0	54	1652	1649	0	5848646	5000000	5999999
7	552459	2	8.0	99	1846	1372	0	6404406	6000000	6999999
8	697979	1	8.0	63	1381	0	0	7105603	7000000	7999999
9	1015839	3	8.0	88	1740	1785	1464	8122823	8000000	8999999
10	1422283	2	8.0	82	1738	1310	0	9550095	9000000	9999999
11	485276	2	8.0	88	1397	1947	0	10038419	10000000	10999999
12	1538793	3	8.0	65	1389	1839	1232	11580556	11000000	11999999

Total number of pulses in waveform = 26



Waveform Num = 23

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)
502627										
1	2	7.0	61	1713	1605	0	0	502627	0	749999
345237										
2	1	7.0	77	1638	0	0	0	851182	750000	1499999
748043										
3	1	7.0	50	1483	0	0	0	1600863	1500000	2249999
897703										
4	1	7.0	70	1816	0	0	0	2500049	2250000	2999999
966709										
5	2	7.0	79	1915	1704	0	0	3468574	3000000	3749999
697445										
6	1	7.0	58	1339	0	0	0	4169638	3750000	4499999
367035										
7	1	7.0	56	1177	0	0	0	4538012	4500000	5249999
746106										
8	1	7.0	60	1355	0	0	0	5285295	5250000	5999999
773857										
9	3	7.0	51	1222	1665	1599	0	6060507	6000000	6749999
908109										
10	3	7.0	100	1404	1600	1667	0	6973102	6750000	7499999
902876										
11	2	7.0	59	1455	1908	0	0	7880649	7500000	8249999
967057										
12	2	7.0	74	1801	1150	0	0	8851069	8250000	8999999



423654

13 2 7.0 56 1435 1878 0 9277674 9000000 9749999

469977

14 2 7.0 65 1804 1743 0 9750964 9750000 10499999

1323197

15 1 7.0 93 1005 0 0 11077708 10500000 11249999

507656

16 2 7.0 86 1001 1463 0 11586369 11250000 11999999

Total number of pulses in waveform = 27



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	866090	2	7.0	75	1589	1418	0	866090	0	1199999
2	1486126	2	7.0	51	1669	1866	0	2355223	1200000	2399999
3	414955	3	7.0	56	1002	1514	1948	2773713	2400000	3599999
4	1609848	1	7.0	77	1021	0	0	4388025	3600000	4799999
5	1474978	1	7.0	100	1865	0	0	5864024	4800000	5999999
6	1093335	2	7.0	99	1629	1949	0	6959224	6000000	7199999
7	899966	2	7.0	84	1417	1893	0	7862768	7200000	8399999
8	1444739	1	7.0	87	1617	0	0	9310817	8400000	9599999
9	376538	3	7.0	76	1074	1448	1350	9688972	9600000	10799999
10	1170847	2	7.0	79	1088	1469	0	10863691	10800000	11999999

Total number of pulses in waveform = 19



Waveform Num = 25

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	664842	1	17.0	77	1738	0	0	664842	0	666666
2	618098	1	17.0	91	1201	0	0	1284678	666667	1333333
3	525836	3	17.0	57	1977	1807	1227	1811715	1333334	2000000
4	376854	1	17.0	90	1097	0	0	2193580	2000001	2666667
5	1109341	2	17.0	78	1586	1280	0	3304018	2666668	3333334
6	634863	2	17.0	59	1536	1428	0	3941747	3333335	4000001
7	158521	3	17.0	94	1193	1380	1631	4103232	4000002	4666668
8	577841	1	17.0	89	1848	0	0	4685277	4666669	5333335
9	787109	3	17.0	71	1855	1395	1441	5474234	5333336	6000002
10	1115164	2	17.0	94	1534	1227	0	6594089	6000003	6666669
11	71738	2	17.0	57	1211	1753	0	6668588	6666670	7333336
12	846564	2	17.0	79	1109	1343	0	7518116	7333337	8000003



691673

13 1 17.0 70 1160 0 0 8212241 8000004 8666670

766467

14 1 17.0 92 1298 0 0 8979868 8666671 9333337

993117

15 3 17.0 84 1527 1042 1617 9974283 9333338 10000004

252833

16 2 17.0 50 1884 1509 0 10231302 10000005 10666671

581247

17 1 17.0 99 1748 0 0 10815942 10666672 11333338

1140136

18 2 17.0 90 1503 1494 0 11957826 11333339 12000005

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	197657	1	10.0	92	1062	0	0	197657	0	1090908
2	1073493	3	10.0	63	1580	1875	1418	1272212	1090909	2181817
3	1379422	2	10.0	100	1000	1219	0	2656507	2181818	3272726
4	1456943	3	10.0	89	1334	1143	1477	4115669	3272727	4363635
5	248893	3	10.0	87	1974	1296	1847	4368516	4363636	5454544
6	1623153	3	10.0	88	1288	1600	1930	5996786	5454545	6545453
7	941404	2	10.0	72	1395	1234	0	6943008	6545454	7636362
8	714327	1	10.0	83	1731	0	0	7659964	7636363	8727271
9	1397524	3	10.0	87	1822	1997	1089	9059219	8727272	9818180
10	1665672	2	10.0	75	1922	1613	0	10729799	9818181	10909089
11	1203472	1	10.0	87	1125	0	0	11936806	10909090	11999998

Total number of pulses in waveform = 24



Waveform Num = 27

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	140355	3	15.0	79	1034	1278	1558	140355	0	631578
2	871848	3	15.0	52	1962	1945	1900	1016073	631579	1263157
3	726506	3	15.0	57	1691	1070	1014	1748386	1263158	1894736
4	518041	1	15.0	74	1634	0	0	2270202	1894737	2526315
5	350325	3	15.0	88	1361	1961	1426	2622161	2526316	3157894
6	1079075	1	15.0	86	1685	0	0	3705984	3157895	3789473
7	405925	3	15.0	83	1757	1010	1580	4113594	3789474	4421052
8	928821	2	15.0	63	1079	1584	0	5046762	4421053	5052631
9	170944	3	15.0	81	1392	1377	1116	5220369	5052632	5684210
10	834891	1	15.0	52	1053	0	0	6059145	5684211	6315789
11	841663	2	15.0	65	1550	1235	0	6901861	6315790	6947368
12	79344	2	15.0	71	1951	1840	0	6983990	6947369	7578947



887490									
13	2	15.0	80	1838	1146	0	7875271	7578948	8210526
459284									
14	2	15.0	84	1563	1924	0	8337539	8210527	8842105
901477									
15	1	15.0	81	1833	0	0	9242503	8842106	9473684
349226									
16	3	15.0	56	1723	1875	1314	9593562	9473685	10105263
767964									
17	1	15.0	66	1856	0	0	10366438	10105264	10736842
400761									
18	2	15.0	54	1584	1825	0	10769055	10736843	11368421
1096065									
19	1	15.0	70	1715	0	0	11868529	11368422	12000000

Total number of pulses in waveform = 39



Waveform Num = 28

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst Off Time # Chirp PW Pulse 1 Pulse 2 Pulse 3 Start Loc Start Burst End Burst

(us) Pulses (MHz) (us) Pri(us) Pri(us) Pri(us) (us) Interval(us) Interval(us)

#	(us)	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval(us)	Interval(us)
261280										
1	3	5.0	62	1888	1799	1718	261280	0	999999	
834725										
2	1	5.0	66	1575	0	0	1101410	1000000	1999999	
1367821										
3	3	5.0	91	1997	1730	1174	2470806	2000000	2999999	
528865										
4	3	5.0	73	1869	1491	1939	3004572	3000000	3999999	
1264205										
5	3	5.0	51	1707	1459	1190	4274076	4000000	4999999	
1351354										
6	1	5.0	66	1991	0	0	5629786	5000000	5999999	
848450										
7	3	5.0	84	1332	1053	1691	6480227	6000000	6999999	
917078										
8	2	5.0	87	1645	1163	0	7401381	7000000	7999999	
1430930										
9	1	5.0	58	1210	0	0	8835119	8000000	8999999	
513943										
10	1	5.0	88	1767	0	0	9350272	9000000	9999999	
650330										
11	1	5.0	74	1555	0	0	10002369	10000000	10999999	
1938188										
12	3	5.0	91	1384	1459	1886	11942112	11000000	11999999	

Total number of pulses in waveform = 25



Compliance Testing, LLC
Testing since 1963



Waveform Num = 29

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	632929	3	11.0	92	1547	1175	1097	632929	0	857142
2	1037239	1	11.0	73	1253	0	0	1673987	857143	1714285
3	747744	3	11.0	60	1242	1146	1235	2422984	1714286	2571428
4	314991	3	11.0	100	1063	1840	1956	2741598	2571429	3428571
5	1471266	2	11.0	94	1379	1623	0	4217723	3428572	4285714
6	422080	2	11.0	94	1126	1677	0	4642805	4285715	5142857
7	699923	3	11.0	53	1030	1157	1677	5345531	5142858	6000000
8	1305055	3	11.0	55	1880	1907	1950	6654450	6000001	6857143
9	804216	1	11.0	94	1336	0	0	7464403	6857144	7714286
10	259958	3	11.0	92	1178	1894	1117	7725697	7714287	8571429
11	875181	2	11.0	90	1582	1091	0	8605067	8571430	9428572
12	1311560	3	11.0	79	1999	1506	1910	9919300	9428573	10285715



387747

13	1	11.0	67	1882	0	0	10312462	10285716	11142858
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1386729

14	1	11.0	72	1763	0	0	11701073	11142859	12000001
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Total number of pulses in waveform = 31



Waveform Num = 30

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)
693911										
1	1	1	11.0	55	1066	0	0	693911	0	999999
1279546										
2	2	2	11.0	52	1730	1713	0	1974523	1000000	1999999
176882										
3	2	2	11.0	73	1398	1875	0	2154848	2000000	2999999
1744606										
4	1	1	11.0	93	1563	0	0	3902727	3000000	3999999
221594										
5	1	1	11.0	92	1755	0	0	4125884	4000000	4999999
1702579										
6	2	2	11.0	81	1067	1979	0	5830218	5000000	5999999
1162476										
7	3	3	11.0	84	1555	1457	1142	6995740	6000000	6999999
430411										
8	3	3	11.0	52	1574	1702	1611	7430305	7000000	7999999
947544										
9	1	1	11.0	86	1650	0	0	8382736	8000000	8999999
1076846										
10	2	2	11.0	75	1315	1088	0	9461232	9000000	9999999
1433717										
11	1	1	11.0	85	1972	0	0	10897352	10000000	10999999
104779										
12	3	3	11.0	83	1970	1873	1221	11004103	11000000	11999999



Compliance Testing, LLC
Testing since 1963

Total number of pulses in waveform = 22



40 MHz Bandwidth

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	38964	1	15.0	89	1047	0	0	38964	0	705881
2	1048494	1	15.0	69	1717	0	0	1088505	705882	1411763
3	775505	1	15.0	94	1507	0	0	1865727	1411764	2117645
4	360768	1	15.0	89	1459	0	0	2228002	2117646	2823527
5	1258496	2	15.0	93	1008	1740	0	3487957	2823528	3529409
6	61381	2	15.0	96	1370	1371	0	3552086	3529410	4235291
7	1170913	3	15.0	100	1267	1865	1947	4725740	4235292	4941173
8	413387	2	15.0	85	1589	1350	0	5144206	4941174	5647055
9	1112118	3	15.0	89	1292	1666	1215	6259263	5647056	6352937
10	726536	2	15.0	100	1552	1556	0	6989972	6352938	7058819
11	426503	2	15.0	50	1429	1080	0	7419583	7058820	7764701



369074

12 3 15.0 97 1265 1103 1992 7791166 7764702 8470583

1162256

13 1 15.0 70 1370 0 0 8957782 8470584 9176465

873719

14 3 15.0 55 1663 1494 1880 9832871 9176466 9882347

323253

15 3 15.0 67 1390 1896 1997 10161161 9882348 10588229

448145

16 2 15.0 54 1927 1450 0 10614589 10588230 11294111

798832

17 1 15.0 51 1110 0 0 11416798 11294112 11999993

Total number of pulses in waveform = 33



Waveform Num = 2

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)
	514792									
1	1	1	18.0	72	1774	0	0	514792	0	599999
	263967									
2	2	2	18.0	76	1478	1812	0	780533	600000	1199999
	764624									
3	2	2	18.0	50	1287	1910	0	1548447	1200000	1799999
	541097									
4	3	3	18.0	71	1044	1723	1952	2092741	1800000	2399999
	717242									
5	2	2	18.0	54	1594	1230	0	2814702	2400000	2999999
	247617									
6	3	3	18.0	64	1179	1785	1230	3065143	3000000	3599999
	771185									
7	3	3	18.0	74	1773	1483	1716	3840522	3600000	4199999
	460585									
8	2	2	18.0	83	1442	1962	0	4306079	4200000	4799999
	769971									
9	3	3	18.0	99	1969	1006	1696	5079454	4800000	5399999
	873486									
10	1	1	18.0	83	1889	0	0	5957611	5400000	5999999
	284484									
11	2	2	18.0	93	1411	1796	0	6243984	6000000	6599999
	354081									
12	3	3	18.0	69	1714	1465	1914	6601272	6600000	7199999



664426									
13	2	18.0	54	1577	1089	0	7270791	7200000	7799999
785941									
14	1	18.0	64	1906	0	0	8059398	7800000	8399999
450002									
15	2	18.0	86	1753	1168	0	8511306	8400000	8999999
765492									
16	1	18.0	72	1079	0	0	9279719	9000000	9599999
699416									
17	3	18.0	82	1957	1413	1218	9980214	9600000	10199999
216000									
18	2	18.0	84	1171	1005	0	10200802	10200000	10799999
705845									
19	2	18.0	75	1849	1567	0	10908823	10800000	11399999
847341									
20	2	18.0	69	1367	1092	0	11759580	11400000	11999999

Total number of pulses in waveform = 42



Waveform Num = 3

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	252685	1	15.0	72	1878	0	0	252685	0	599999
2	917364	2	15.0	88	1343	1932	0	1171927	600000	1199999
3	587407	3	15.0	54	1215	1722	1293	1762609	1200000	1799999
4	494086	1	15.0	95	1625	0	0	2260925	1800000	2399999
5	347382	3	15.0	64	1613	1543	1070	2609932	2400000	2999999
6	616997	1	15.0	89	1022	0	0	3231155	3000000	3599999
7	858949	1	15.0	56	1155	0	0	4091126	3600000	4199999
8	275992	2	15.0	94	1249	1290	0	4368273	4200000	4799999
9	723589	3	15.0	51	1197	1903	1013	5094401	4800000	5399999
10	784150	3	15.0	96	1376	1595	1872	5882664	5400000	5999999
11	520567	3	15.0	93	1798	1818	1883	6408074	6000000	6599999
12	752724	3	15.0	95	1299	1096	1381	7166297	6600000	7199999



545930									
13	2	15.0	57	1469	1065	0	7716003	7200000	7799999
164532									
14	2	15.0	94	1578	1947	0	7883069	7800000	8399999
847634									
15	2	15.0	66	1888	1392	0	8734228	8400000	8999999
572192									
16	2	15.0	66	1527	1142	0	9309700	9000000	9599999
689773									
17	2	15.0	86	1022	1019	0	10002142	9600000	10199999
230998									
18	1	15.0	52	1108	0	0	10235181	10200000	10799999
741928									
19	3	15.0	61	1590	1498	1799	10978217	10800000	11399999
943821									
20	1	15.0	73	1393	0	0	11926925	11400000	11999999

Total number of pulses in waveform = 41



Waveform Num = 4

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
701111										
1		3	20.0	79	1449	1271	1322	701111	0	923076
723586										
2		1	20.0	78	1277	0	0	1428739	923077	1846153
726911										
3		2	20.0	68	1889	1725	0	2156927	1846154	2769230
630238										
4		3	20.0	63	1137	1597	1738	2790779	2769231	3692307
1478666										
5		3	20.0	91	1519	1079	1121	4273917	3692308	4615384
508569										
6		3	20.0	88	1841	1958	1969	4786205	4615385	5538461
917457										
7		2	20.0	51	1390	1310	0	5709430	5538462	6461538
1452695										
8		2	20.0	84	1759	1844	0	7164825	6461539	7384615
266747										
9		1	20.0	87	1861	0	0	7435175	7384616	8307692
1641389										
10		2	20.0	77	1302	1459	0	9078425	8307693	9230769
741891										
11		3	20.0	79	1464	1554	1095	9823077	9230770	10153846
1027758										
12		2	20.0	74	1413	1371	0	10854948	10153847	11076923



601251

13 1 20.0 92 1395 0 0 11458983 11076924 12000000

Total number of pulses in waveform = 28



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)
	317833									
1	2	17.0	57	1262	1864	0	317833	0	705881	
	822813									
2	3	17.0	98	1468	1016	1775	1143772	705882	1411763	
	703122									
3	3	17.0	90	1626	1390	1790	1851153	1411764	2117645	
	312775									
4	1	17.0	57	1547	0	0	2168734	2117646	2823527	
	765983									
5	1	17.0	53	1447	0	0	2936264	2823528	3529409	
	774172									
6	3	17.0	83	1076	1854	1831	3711883	3529410	4235291	
	1060629									
7	1	17.0	98	1708	0	0	4777273	4235292	4941173	
	180809									
8	1	17.0	84	1051	0	0	4959790	4941174	5647055	
	1179304									
9	2	17.0	60	1797	1274	0	6140145	5647056	6352937	
	383905									
10	1	17.0	66	1661	0	0	6527121	6352938	7058819	
	760024									
11	2	17.0	86	1906	1499	0	7288806	7058820	7764701	
	514208									
12	2	17.0	67	1779	1335	0	7806419	7764702	8470583	



1180503

13 3 17.0 76 1968 1167 1336 8990036 8470584 9176465

748401

14 1 17.0 91 1986 0 0 9742908 9176466 9882347

306620

15 2 17.0 75 1577 1425 0 10051514 9882348 10588229

837093

16 1 17.0 59 1288 0 0 10891609 10588230 11294111

887714

17 1 17.0 68 1283 0 0 11780611 11294112 11999993

Total number of pulses in waveform = 30



Waveform Num = 6

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)
833553										
1	2	6.0	56	1881	1995	0	0	833553	0	923076
309668										
2	1	6.0	83	1587	0	0	0	1147097	923077	1846153
783499										
3	1	6.0	99	1334	0	0	0	1932183	1846154	2769230
846898										
4	2	6.0	80	1173	1711	0	0	2780415	2769231	3692307
1093313										
5	2	6.0	71	1916	1023	0	0	3876612	3692308	4615384
1444869										
6	3	6.0	61	1026	1742	1387	0	5324420	4615385	5538461
996465										
7	1	6.0	78	1400	0	0	0	6325040	5538462	6461538
367894										
8	2	6.0	69	2000	1021	0	0	6694334	6461539	7384615
1283240										
9	1	6.0	57	1066	0	0	0	7980595	7384616	8307692
1034331										
10	3	6.0	91	1599	1510	1230	0	9015992	8307693	9230769
514120										
11	3	6.0	56	1182	1958	1050	0	9534451	9230770	10153846
1207365										
12	2	6.0	62	1470	1581	0	0	10746006	10153847	11076923



646960

13 1 6.0 79 1595 0 0 11396017 11076924 12000000

Total number of pulses in waveform = 24



Waveform Num = 7

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	613536	1	13.0	70	1165	0	0	613536	0	666666
2	654090	1	13.0	84	1388	0	0	1268791	666667	1333333
3	260524	3	13.0	87	1709	1750	1995	1530703	1333334	2000000
4	1123466	1	13.0	68	1636	0	0	2659623	2000001	2666667
5	664635	3	13.0	85	2000	1662	1488	3325894	2666668	3333334
6	319446	2	13.0	62	1311	1142	0	3650490	3333335	4000001
7	661352	3	13.0	70	1565	1950	1422	4314295	4000002	4666668
8	468434	2	13.0	83	1309	1532	0	4787666	4666669	5333335
9	565435	2	13.0	68	1503	1161	0	5355942	5333336	6000002
10	717445	2	13.0	73	1681	1416	0	6076051	6000003	6666669
11	656457	1	13.0	79	1704	0	0	6735605	6666670	7333336
12	936966	3	13.0	86	1478	1243	1596	7674275	7333337	8000003



450745
13 2 13.0 93 1693 1710 0 8129337 8000004 8666670
1086523
14 1 13.0 97 1851 0 0 9219263 8666671 9333337
328126
15 1 13.0 69 1885 0 0 9549240 9333338 10000004
480406
16 1 13.0 60 1574 0 0 10031531 10000005 10666671
1130787
17 1 13.0 79 1482 0 0 11163892 10666672 11333338
422854
18 2 13.0 80 1396 1455 0 11588228 11333339 12000005

Total number of pulses in waveform = 32



Waveform Num = 8

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	741666	2	13.0	81	1249	1243	0	741666	0	999999
2	1194646	3	13.0	92	1484	1209	1018	1938804	1000000	1999999
3	833776	1	13.0	64	1325	0	0	2776291	2000000	2999999
4	351282	1	13.0	74	1762	0	0	3128898	3000000	3999999
5	1382397	2	13.0	98	1393	1329	0	4513057	4000000	4999999
6	784544	3	13.0	86	1245	1741	1825	5300323	5000000	5999999
7	1560721	3	13.0	97	1211	1591	1123	6865855	6000000	6999999
8	744591	3	13.0	71	1615	1730	1327	7614371	7000000	7999999
9	1238710	2	13.0	63	1875	1869	0	8857753	8000000	8999999
10	614369	3	13.0	63	1511	1203	1982	9475866	9000000	9999999
11	1380576	2	13.0	50	1671	1099	0	10861138	10000000	10999999
12	646490	2	13.0	99	1462	1870	0	11510398	11000000	11999999



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Total number of pulses in waveform = 27



Waveform Num = 9

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	605995	2	7.0	84	1089	1443	0	605995	0	799999
2	680922	2	7.0	50	1559	1123	0	1289449	800000	1599999
3	1019589	3	7.0	63	1270	1506	1983	2311720	1600000	2399999
4	227279	2	7.0	91	1560	1680	0	2543758	2400000	3199999
5	1190472	1	7.0	63	1590	0	0	3737470	3200000	3999999
6	604166	3	7.0	69	1178	1457	1867	4343226	4000000	4799999
7	625790	3	7.0	90	1195	1685	1339	4973518	4800000	5599999
8	1235084	1	7.0	54	1575	0	0	6212821	5600000	6399999
9	416044	2	7.0	83	1016	2000	0	6630440	6400000	7199999
10	1176885	3	7.0	70	1590	1897	1972	7810341	7200000	7999999
11	945047	2	7.0	100	1409	1501	0	8760847	8000000	8799999
12	68410	2	7.0	94	1629	1748	0	8832167	8800000	9599999



1290314

13 1 7.0 98 1820 0 0 10125858 9600000 10399999

822018

14 3 7.0 84 1899 1189 1792 10949696 10400000 11199999

407596

15 2 7.0 70 1560 1525 0 11362172 11200000 11999999

Total number of pulses in waveform = 32



Waveform Num = 10

Num of Bursts = 11

Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	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	221712	1	16.0	83	1649	0	0	221712	0	1090908
2	923392	1	16.0	79	1628	0	0	1146753	1090909	2181817
3	1623737	1	16.0	53	1424	0	0	2772118	2181818	3272726
4	716420	1	16.0	85	1160	0	0	3489962	3272727	4363635
5	1952385	2	16.0	69	1584	1187	0	5443507	4363636	5454544
6	897209	2	16.0	78	1153	1049	0	6343487	5454545	6545453
7	1088229	2	16.0	60	1992	1949	0	7433918	6545454	7636362
8	1009753	1	16.0	50	1149	0	0	8447612	7636363	8727271
9	753485	1	16.0	90	1219	0	0	9202246	8727272	9818180
10	927702	1	16.0	78	1910	0	0	10131167	9818181	10909089
11	1017848	3	16.0	78	1473	1409	1299	11150925	10909090	11999998

Total number of pulses in waveform = 16



Waveform Num = 11

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	101283	1	9.0	66	1081	0	0	101283	0	666666
2	1163371	3	9.0	92	1906	1464	1304	1265735	666667	1333333
3	275125	1	9.0	70	1062	0	0	1545534	1333334	2000000
4	789474	3	9.0	53	1996	1276	1303	2336070	2000001	2666667
5	864671	3	9.0	80	1833	1979	1925	3205316	2666668	3333334
6	325614	1	9.0	54	1401	0	0	3536667	3333335	4000001
7	839501	1	9.0	98	1606	0	0	4377569	4000002	4666668
8	811266	2	9.0	74	1025	1800	0	5190441	4666669	5333335
9	703560	3	9.0	51	1540	1605	1159	5896826	5333336	6000002
10	489124	2	9.0	99	1793	1396	0	6390254	6000003	6666669
11	600634	1	9.0	51	1333	0	0	6994077	6666670	7333336
12	811041	3	9.0	76	1368	1528	1805	7806451	7333337	8000003



670238

13 3 9.0 99 1754 1001 1979 8481390 8000004 8666670

356404

14 2 9.0 82 1536 1607 0 8842528 8666671 9333337

520746

15 1 9.0 51 1089 0 0 9366417 9333338 1000004

968872

16 2 9.0 87 1428 1781 0 10336378 1000005 10666671

899067

17 1 9.0 81 1347 0 0 11238654 10666672 11333338

716281

18 1 9.0 94 1334 0 0 11956282 11333339 1200005

Total number of pulses in waveform = 34



Waveform Num = 12

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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	458448	3	19.0	87	1599	1618	1896	458448	0	1333332
2	2169676	3	19.0	61	1339	1510	1048	2633237	1333333	2666665
3	810520	1	19.0	50	1086	0	0	3447654	2666666	3999998
4	1252909	1	19.0	61	1146	0	0	4701649	3999999	5333331
5	1238570	2	19.0	72	1993	1436	0	5941365	5333332	6666664
6	1090635	3	19.0	72	1111	1211	1565	7035429	6666665	7999997
7	1295739	1	19.0	58	1285	0	0	8335055	7999998	9333330
8	2145765	1	19.0	87	1530	0	0	10482105	9333331	10666663
9	437952	2	19.0	59	1665	1405	0	10921587	10666664	11999996

Total number of pulses in waveform = 17



Waveform Num = 13

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	298094	3	9.0	99	1152	1424	1169	298094	0	666666
2	673473	2	9.0	69	1475	1853	0	975312	666667	1333333
3	398910	3	9.0	65	1380	1957	1860	1377550	1333334	2000000
4	1110325	3	9.0	80	1533	1763	1925	2493072	2000001	2666667
5	334913	1	9.0	57	1288	0	0	2833206	2666668	3333334
6	638900	1	9.0	87	1969	0	0	3473394	3333335	4000001
7	645884	2	9.0	72	1408	1381	0	4121247	4000002	4666668
8	573905	1	9.0	57	1741	0	0	4697941	4666669	5333335
9	1193510	1	9.0	83	1472	0	0	5893192	5333336	6000002
10	336461	3	9.0	80	1655	1781	1960	6231125	6000003	6666669
11	705725	1	9.0	87	1594	0	0	6942246	6666670	7333336
12	798396	2	9.0	89	1002	1430	0	7742236	7333337	8000003



437355

13 2 9.0 65 1051 1615 0 8182023 8000004 8666670

612039

14 2 9.0 93 1853 1848 0 8796728 8666671 9333337

1174461

15 1 9.0 63 1767 0 0 9974890 9333338 10000004

92940

16 1 9.0 70 1641 0 0 10069597 10000005 10666671

789845

17 3 9.0 80 1219 1780 1428 10861083 10666672 11333338

507960

18 3 9.0 57 1486 1777 1475 11373470 11333339 12000005

Total number of pulses in waveform = 35



Waveform Num = 14

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)
	543339									
1	3	10.0	91	1860	1895	1866	543339	0	749999	
	871753									
2	3	10.0	64	1573	1854	1961	1420713	750000	1499999	
	665714									
3	2	10.0	55	1993	1807	0	2091815	1500000	2249999	
	301509									
4	2	10.0	63	1974	1318	0	2397124	2250000	2999999	
	1111631									
5	3	10.0	66	1264	1150	1176	3512047	3000000	3749999	
	360337									
6	3	10.0	86	1605	1974	1436	3875974	3750000	4499999	
	935969									
7	1	10.0	81	1865	0	0	4816958	4500000	5249999	
	775138									
8	1	10.0	72	1990	0	0	5593961	5250000	5999999	
	928244									
9	1	10.0	61	1667	0	0	6524195	6000000	6749999	
	621777									
10	3	10.0	55	1594	1789	1237	7147639	6750000	7499999	
	1032090									
11	3	10.0	60	1311	1263	1865	8184349	7500000	8249999	
	799011									
12	2	10.0	94	1336	1450	0	8987799	8250000	8999999	



100946

13 1 10.0 52 1712 0 0 9091531 9000000 9749999

1351081

14 3 10.0 91 1773 1880 1525 10444324 9750000 10499999

152312

15 3 10.0 71 1317 1225 1525 10601814 10500000 11249999

922924

16 1 10.0 72 1063 0 0 11528805 11250000 11999999

Total number of pulses in waveform = 35



Waveform Num = 15

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	141110	3	14.0	81	1912	1536	1033	141110	0	631578
2	848302	1	14.0	84	1044	0	0	993893	631579	1263157
3	303054	1	14.0	68	1002	0	0	1297991	1263158	1894736
4	977072	1	14.0	60	1695	0	0	2276065	1894737	2526315
5	518232	3	14.0	59	1930	1884	1699	2795992	2526316	3157894
6	357035	3	14.0	62	1068	1815	1906	3158540	3157895	3789473
7	911414	1	14.0	54	1548	0	0	4074743	3789474	4421052
8	958574	1	14.0	60	1036	0	0	5034865	4421053	5052631
9	216669	3	14.0	88	1572	1725	1651	5252570	5052632	5684210
10	522386	3	14.0	95	1534	1388	1669	5779904	5684211	6315789
11	888083	1	14.0	88	1759	0	0	6672578	6315790	6947368
12	745626	1	14.0	87	1519	0	0	7419963	6947369	7578947



352841

13	2	14.0	93	1039	1107	0	7774323	7578948	8210526
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897047

14	3	14.0	100	1094	1662	1572	8673516	8210527	8842105
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758972

15	3	14.0	66	1765	1312	1183	9436816	8842106	9473684
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137805

16	2	14.0	70	1538	1801	0	9578881	9473685	10105263
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544887

17	1	14.0	73	1541	0	0	10127107	10105264	10736842
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799795

18	2	14.0	73	1196	1202	0	10928443	10736843	11368421
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864134

19	2	14.0	53	1694	1948	0	11794975	11368422	12000000
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Total number of pulses in waveform = 37



Waveform Num = 16

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	513793	1	8.0	52	1377	0	0	513793	0	705881
2	305089	1	8.0	64	1786	0	0	820259	705882	1411763
3	996102	2	8.0	81	1873	1168	0	1818147	1411764	2117645
4	455225	2	8.0	73	1526	1814	0	2276413	2117646	2823527
5	939414	2	8.0	99	1792	1970	0	3219167	2823528	3529409
6	405571	1	8.0	77	1639	0	0	3628500	3529410	4235291
7	1005497	3	8.0	80	1687	1762	1517	4635636	4235292	4941173
8	321081	3	8.0	90	1880	1767	1540	4961683	4941174	5647055
9	1197700	2	8.0	63	1436	1815	0	6164570	5647056	6352937
10	321098	2	8.0	67	1557	1776	0	6488919	6352938	7058819
11	626792	3	8.0	96	1411	1859	1394	7119044	7058820	7764701
12	722763	1	8.0	97	1459	0	0	7846471	7764702	8470583



834745

13 2 8.0 62 1472 1833 0 8682675 8470584 9176465

1108208

14 3 8.0 75 1590 1631 1229 9794188 9176466 9882347

330433

15 1 8.0 100 1697 0 0 10129071 9882348 10588229

862444

16 3 8.0 69 1784 1275 1329 10993212 10588230 11294111

557776

17 3 8.0 97 1032 1281 1355 11555376 11294112 11999993

Total number of pulses in waveform = 35



Waveform Num = 17

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	434157	3	8.0	99	1893	1026	1623	434157	0	666666
2	284228	1	8.0	61	1514	0	0	722927	666667	1333333
3	1077696	2	8.0	70	1438	1984	0	1802137	1333334	2000000
4	444721	1	8.0	53	1483	0	0	2250280	2000001	2666667
5	421971	2	8.0	70	1034	1268	0	2673734	2666668	3333334
6	963568	2	8.0	81	1356	1452	0	3639604	3333335	4000001
7	926108	2	8.0	75	1539	1823	0	4568520	4000002	4666668
8	389426	1	8.0	57	1907	0	0	4961308	4666669	5333335
9	871930	3	8.0	62	1996	1765	1147	5835145	5333336	6000002
10	548098	1	8.0	84	1690	0	0	6388151	6000003	6666669
11	837012	2	8.0	90	1904	1196	0	7226853	6666670	7333336
12	765316	3	8.0	97	1383	1786	1241	7995269	7333337	8000003



238307

13 2 8.0 51 1677 1503 0 8237986 8000004 8666670

830752

14 2 8.0 81 1917 1762 0 9071918 8666671 9333337

812908

15 1 8.0 55 1138 0 0 9888505 9333338 10000004

682228

16 1 8.0 84 1474 0 0 10571871 10000005 10666671

635727

17 3 8.0 68 1943 1187 1152 11209072 10666672 11333338

415937

18 2 8.0 69 1189 1444 0 11629291 11333339 12000005

Total number of pulses in waveform = 34



Waveform Num = 18

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)
	315701									
1	1	1	5.0	55	1450	0	0	315701	0	631578
	355183									
2	1	1	5.0	99	1450	0	0	672334	631579	1263157
	839660									
3	1	1	5.0	100	1890	0	0	1513444	1263158	1894736
	635679									
4	2	2	5.0	67	1828	1125	0	2151013	1894737	2526315
	924844									
5	3	3	5.0	50	1322	1746	1765	3078810	2526316	3157894
	233703									
6	3	3	5.0	70	1637	1570	1636	3317346	3157895	3789473
	477811									
7	1	1	5.0	63	1416	0	0	3800000	3789474	4421052
	1139184									
8	2	2	5.0	84	1688	1261	0	4940600	4421053	5052631
	278566									
9	2	2	5.0	64	1885	1302	0	5222115	5052632	5684210
	961724									
10	3	3	5.0	72	1316	1115	1099	6187026	5684211	6315789
	210885									
11	1	1	5.0	72	1004	0	0	6401441	6315790	6947368
	1033641									
12	3	3	5.0	70	1338	1438	1640	7436086	6947369	7578947



757606

13 1 5.0 68 1680 0 0 8198108 7578948 8210526

536511

14 3 5.0 74 1308 1117 1617 8736299 8210527 8842105

698233

15 2 5.0 54 1761 1989 0 9438574 8842106 9473684

218673

16 3 5.0 76 1092 1803 1037 9660997 9473685 10105263

469109

17 2 5.0 64 1995 1158 0 10134038 10105264 10736842

674799

18 2 5.0 81 1531 1427 0 10811990 10736843 11368421

592677

19 2 5.0 52 1007 1176 0 11407625 11368422 12000000

Total number of pulses in waveform = 38

Waveform Num = 19

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)
1	499292	3	12.0	80	1790	1625	1273	499292	0	1199999
2	911994	3	12.0	58	1236	1549	1686	1415974	1200000	2399999
3	2061269	3	12.0	89	1550	1084	1837	3481714	2400000	3599999
4	730436	3	12.0	55	1796	1722	1699	4216621	3600000	4799999
5	1309444	2	12.0	80	1264	1346	0	5531282	4800000	5999999
6	1615564	3	12.0	90	1971	1494	1636	7149456	6000000	7199999
7	316097	3	12.0	62	1820	1165	1265	7470654	7200000	8399999
8	1142314	2	12.0	77	1659	1587	0	8617218	8400000	9599999
9	1669092	3	12.0	89	1926	1902	1167	10289556	9600000	10799999
10	1158498	2	12.0	92	1135	1818	0	11453049	10800000	11999999

Total number of pulses in waveform = 27



Waveform Num = 20

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	33411	3	13.0	86	1674	1335	1417	33411	0	999999
2	1813470	2	13.0	76	1400	1309	0	1851307	1000000	1999999
3	411094	2	13.0	98	1883	1396	0	2265110	2000000	2999999
4	1128716	3	13.0	69	1679	1167	1969	3397105	3000000	3999999
5	1123280	3	13.0	93	1240	1443	1282	4525200	4000000	4999999
6	1311530	2	13.0	74	1166	1931	0	5840695	5000000	5999999
7	210835	3	13.0	82	1442	1984	1565	6054627	6000000	6999999
8	1909295	1	13.0	53	1948	0	0	7968913	7000000	7999999
9	828309	1	13.0	69	1003	0	0	8799170	8000000	8999999
10	871311	2	13.0	61	1984	1391	0	9671484	9000000	9999999
11	1150636	3	13.0	84	1645	1378	1826	10825495	10000000	10999999
12	609525	3	13.0	95	1684	1860	1144	11439869	11000000	11999999



Total number of pulses in waveform = 28



Waveform Num = 21

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	473798	2	14.0	58	1728	1127	0	473798	0	923076
2	509760	2	14.0	76	1172	1599	0	986413	923077	1846153
3	1113032	2	14.0	59	1536	1328	0	2102216	1846154	2769230
4	1273532	1	14.0	75	1890	0	0	3378612	2769231	3692307
5	715176	1	14.0	91	1602	0	0	4095678	3692308	4615384
6	1375417	1	14.0	88	1182	0	0	5472697	4615385	5538461
7	274990	3	14.0	74	1728	1557	1422	5748869	5538462	6461538
8	1096951	1	14.0	57	1269	0	0	6850527	6461539	7384615
9	661553	3	14.0	93	1593	1948	1217	7513349	7384616	8307692
10	1705715	2	14.0	83	1409	1700	0	9223822	8307693	9230769
11	815500	2	14.0	66	1720	1249	0	10042431	9230770	10153846
12	964535	2	14.0	76	1520	1550	0	11009935	10153847	11076923



317202

13 2 14.0 75 1730 1085 0 11330207 11076924 12000000

Total number of pulses in waveform = 24



Waveform Num = 22

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)
	379949									
1		3	16.0	81	1692	1551	1897	379949	0	599999
	621440									
2		2	16.0	64	1087	1706	0	1006529	600000	1199999
	418456									
3		2	16.0	91	1970	1033	0	1427778	1200000	1799999
	534532									
4		1	16.0	79	1645	0	0	1965313	1800000	2399999
	630262									
5		2	16.0	60	1087	1873	0	2597220	2400000	2999999
	530407									
6		2	16.0	56	1860	1329	0	3130587	3000000	3599999
	674414									
7		1	16.0	80	1721	0	0	3808190	3600000	4199999
	553900									
8		2	16.0	85	1547	1668	0	4363811	4200000	4799999
	832943									
9		1	16.0	91	1112	0	0	5199969	4800000	5399999
	690250									
10		2	16.0	78	1807	1404	0	5891331	5400000	5999999
	163528									
11		2	16.0	89	1540	1503	0	6058070	6000000	6599999
	839262									
12		1	16.0	88	1064	0	0	6900375	6600000	7199999



411310										
13	1	16.0	95	1049	0	0	7312749	7200000	7799999	
625618										
14	1	16.0	62	1528	0	0	7939416	7800000	8399999	
496900										
15	3	16.0	79	1190	1969	1830	8437844	8400000	8999999	
742706										
16	1	16.0	79	1726	0	0	9185539	9000000	9599999	
462221										
17	2	16.0	64	1840	1621	0	9649486	9600000	10199999	
594801										
18	2	16.0	59	1023	1396	0	10247748	10200000	10799999	
707569										
19	1	16.0	61	1215	0	0	10957736	10800000	11399999	
1000046										
20	2	16.0	51	1726	1653	0	11958997	11400000	11999999	

Total number of pulses in waveform = 34



Waveform Num = 23

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)
	657850									
1	1	1	17.0	87	1164	0	0	657850	0	705881
	99544									
2	2	2	17.0	65	1960	1735	0	758558	705882	1411763
	1316232									
3	3	3	17.0	85	1522	1955	1998	2078485	1411764	2117645
	249747									
4	2	2	17.0	79	1082	1272	0	2333707	2117646	2823527
	511300									
5	1	1	17.0	82	1962	0	0	2847361	2823528	3529409
	1295254									
6	2	2	17.0	53	1264	1313	0	4144577	3529410	4235291
	224029									
7	3	3	17.0	76	1644	1062	1568	4371183	4235292	4941173
	1211538									
8	3	3	17.0	82	1487	1327	1273	5586995	4941174	5647055
	57544									
9	1	1	17.0	61	1169	0	0	5648626	5647056	6352937
	1079117									
10	2	2	17.0	85	1918	1879	0	6728912	6352938	7058819
	963767									
11	1	1	17.0	59	1935	0	0	7696476	7058820	7764701
	260220									
12	3	3	17.0	71	1097	1825	1190	7958631	7764702	8470583



1090585

13 3 17.0 73 1421 1866 1467 9053328 8470584 9176465

123133

14 2 17.0 100 1026 1699 0 9181215 9176466 9882347

1367931

15 2 17.0 74 1989 1861 0 10551871 9882348 10588229

170390

16 2 17.0 75 1210 1081 0 10726111 10588230 11294111

911606

17 3 17.0 90 1311 1830 1341 11640008 11294112 11999993

Total number of pulses in waveform = 36



Waveform Num = 24

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	429598	1	12.0	89	1744	0	0	429598	0	799999
2	468968	1	12.0	95	1493	0	0	900310	800000	1599999
3	989151	2	12.0	87	1136	1749	0	1890954	1600000	2399999
4	1147926	2	12.0	55	1345	1358	0	3041765	2400000	3199999
5	793935	1	12.0	74	2000	0	0	3838403	3200000	3999999
6	641663	2	12.0	58	1769	1466	0	4482066	4000000	4799999
7	726473	2	12.0	85	1819	1487	0	5211774	4800000	5599999
8	1166833	1	12.0	65	1256	0	0	6381913	5600000	6399999
9	573537	3	12.0	59	1243	1243	1725	6956706	6400000	7199999
10	993125	3	12.0	81	1733	1322	1825	7954042	7200000	7999999
11	322344	2	12.0	81	1014	1405	0	8281266	8000000	8799999
12	1089490	2	12.0	76	1909	1976	0	9373175	8800000	9599999



869908

13 1 12.0 95 1631 0 0 10246968 9600000 10399999

546254

14 2 12.0 70 1106 1779 0 10794853 10400000 11199999

754028

15 1 12.0 51 1019 0 0 11551766 11200000 11999999

Total number of pulses in waveform = 26



Waveform Num = 25

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	67633	3	20.0	95	1081	1393	1820	67633	0	666666
2	991295	3	20.0	55	1681	1942	1191	1063222	666667	1333333
3	450676	2	20.0	50	1165	1940	0	1518712	1333334	2000000
4	1002161	2	20.0	81	1311	1234	0	2523978	2000001	2666667
5	161437	1	20.0	78	1073	0	0	2687960	2666668	3333334
6	817595	2	20.0	60	1816	1606	0	3506628	3333335	4000001
7	713153	3	20.0	53	1696	1094	1243	4223203	4000002	4666668
8	886660	2	20.0	97	1807	1856	0	5113896	4666669	5333335
9	437276	1	20.0	63	1260	0	0	5554835	5333336	6000002
10	851829	3	20.0	52	1716	1852	1101	6407924	6000003	6666669
11	271072	3	20.0	55	1438	1477	1892	6683665	6666670	7333336
12	766107	3	20.0	91	1646	1681	1905	7454579	7333337	8000003



581244

13 2 20.0 64 1914 1588 0 8041055 8000004 8666670

1068211

14 3 20.0 81 1928 1859 1844 9112768 8666671 9333337

751348

15 2 20.0 74 1236 1074 0 9869747 9333338 1000004

609970

16 3 20.0 70 1157 1082 1715 10482027 1000005 1066671

607548

17 3 20.0 65 1884 1353 1621 11093529 1066672 1133338

525997

18 3 20.0 80 1851 1087 1030 11624384 1133339 1200005

Total number of pulses in waveform = 44



Waveform Num = 26

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)
1	1042660	3	16.0	63	1984	1476	1277	1042660	0	1199999
2	635140	3	16.0	55	1867	1146	1109	1682537	1200000	2399999
3	1397676	3	16.0	90	1047	1929	1043	3084335	2400000	3599999
4	1056110	3	16.0	70	1171	1930	1029	4144464	3600000	4799999
5	1261601	2	16.0	71	1145	1537	0	5410195	4800000	5999999
6	1725367	1	16.0	68	1039	0	0	7138244	6000000	7199999
7	1089603	3	16.0	89	1572	1394	1387	8228886	7200000	8399999
8	1323029	2	16.0	83	1067	1991	0	9556268	8400000	9599999
9	470334	3	16.0	55	1468	1437	1872	10029660	9600000	10799999
10	887024	2	16.0	59	1488	1512	0	10921461	10800000	11999999

Total number of pulses in waveform = 25



Waveform Num = 27

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	591993	3	17.0	66	1957	2000	1365	591993	0	923076
2	874338	3	17.0	56	1104	1398	1297	1471653	923077	1846153
3	907016	3	17.0	65	1841	1793	1777	2382468	1846154	2769230
4	547693	1	17.0	78	1859	0	0	2935572	2769231	3692307
5	1662075	1	17.0	91	1813	0	0	4599506	3692308	4615384
6	835140	1	17.0	85	1641	0	0	5436459	4615385	5538461
7	514533	1	17.0	68	1791	0	0	5952633	5538462	6461538
8	718154	3	17.0	87	1256	1452	1257	6672578	6461539	7384615
9	981668	1	17.0	84	1878	0	0	7658211	7384616	8307692
10	705541	1	17.0	65	1066	0	0	8365630	8307693	9230769
11	1122778	1	17.0	73	1556	0	0	9489474	9230770	10153846
12	1542377	1	17.0	80	1713	0	0	11033407	10153847	11076923



841008

13 2 17.0 51 1730 1430 0 11876128 11076924 12000000

Total number of pulses in waveform = 22



Waveform Num = 28

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	642624	1	18.0	91	1336	0	0	642624	0	705881
2	185788	3	18.0	99	1249	1475	1155	829748	705882	1411763
3	1127828	2	18.0	91	1909	1381	0	1961455	1411764	2117645
4	665063	2	18.0	66	1037	1326	0	2629808	2117646	2823527
5	422103	2	18.0	60	1555	1494	0	3054274	2823528	3529409
6	1014327	3	18.0	50	1221	1481	1782	4071650	3529410	4235291
7	401798	1	18.0	52	1706	0	0	4477932	4235292	4941173
8	701269	1	18.0	53	1478	0	0	5180907	4941174	5647055
9	913700	2	18.0	57	1769	1452	0	6096085	5647056	6352937
10	501938	1	18.0	99	1765	0	0	6601244	6352938	7058819
11	1153051	3	18.0	96	1740	1580	1406	7756060	7058820	7764701
12	487942	1	18.0	64	1285	0	0	8248728	7764702	8470583



397114

13 1 18.0 59 1517 0 0 8647127 8470584 9176465

900278

14 2 18.0 77 1207 1685 0 9548922 9176466 9882347

713820

15 1 18.0 72 1489 0 0 10265634 9882348 10588229

757452

16 1 18.0 74 1722 0 0 11024575 10588230 11294111

749504

17 3 18.0 76 1764 1675 1830 11775801 11294112 11999993

Total number of pulses in waveform = 30



Waveform Num = 29

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	326267	3	7.0	90	1130	1487	1040	326267	0	923076
2	1121679	3	7.0	52	1904	1522	1337	1451603	923077	1846153
3	1190045	2	7.0	53	1984	1194	0	2646411	1846154	2769230
4	353291	2	7.0	62	1117	1018	0	3002880	2769231	3692307
5	1441441	2	7.0	57	1654	1759	0	4446456	3692308	4615384
6	959396	1	7.0	53	1489	0	0	5409265	4615385	5538461
7	464769	1	7.0	97	1962	0	0	5875523	5538462	6461538
8	597206	3	7.0	52	1344	1870	1852	6474691	6461539	7384615
9	1196562	2	7.0	98	1281	1001	0	7676319	7384616	8307692
10	1058167	2	7.0	74	1640	1693	0	8736768	8307693	9230769
11	1324867	3	7.0	60	1136	1311	1279	10064968	9230770	10153846
12	878917	3	7.0	63	1731	1179	1953	10947611	10153847	11076923



542830

13 2 7.0 79 1809 1912 0 11495304 11076924 12000000

Total number of pulses in waveform = 29



Waveform Num = 30

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)
	260670									
1	2	17.0	85	1734	1137	0	260670	0	749999	
	576938									
2	2	17.0	77	1376	1941	0	840479	750000	1499999	
	834346									
3	2	17.0	91	1863	1286	0	1678142	1500000	2249999	
	631177									
4	3	17.0	89	1890	1127	1253	2312468	2250000	2999999	
	904869									
5	1	17.0	83	1007	0	0	3221607	3000000	3749999	
	1057288									
6	2	17.0	61	1659	1719	0	4279902	3750000	4499999	
	311776									
7	3	17.0	79	1196	1919	1701	4595056	4500000	5249999	
	1369009									
8	2	17.0	77	1616	1196	0	5968881	5250000	5999999	
	259494									
9	3	17.0	53	1409	1307	1331	6231187	6000000	6749999	
	1005537									
10	1	17.0	51	1030	0	0	7240771	6750000	7499999	
	884527									
11	3	17.0	55	1271	1217	1820	8126328	7500000	8249999	
	322325									
12	2	17.0	66	1805	1350	0	8452961	8250000	8999999	



1292559

13 1 17.0 65 1232 0 0 9748675 9000000 9749999

667954

14 2 17.0 51 1870 1354 0 10417861 9750000 10499999

184256

15 3 17.0 60 1245 1281 1499 10605341 10500000 11249999

1016129

16 1 17.0 55 1752 0 0 11625495 11250000 11999999

Total number of pulses in waveform = 33



50 MHz Bandwidth

Waveform Num = 1

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst Off Time # Chirp PW Pulse 1 Pulse 2 Pulse 3 Start Loc Start Burst End Burst

(us) Pulses (MHz) (us) Pri(us) Pri(us) Pri(us) (us) Interval(us) Interval(us)

#	(us)	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval(us)	Interval(us)
1128385										
1	2	19.0	55	1709	1659	0	1128385	0	1333332	
1290693										
2	3	19.0	90	1814	1725	1382	2422446	1333333	2666665	
456159										
3	1	19.0	70	1398	0	0	2883526	2666666	3999998	
1707626										
4	3	19.0	97	1803	1312	1462	4592550	3999999	5333331	
1085570										
5	3	19.0	68	1257	1941	1328	5682697	5333332	6666664	
1542488										
6	2	19.0	82	1896	1340	0	7229711	6666665	7999997	
1179600										
7	2	19.0	61	1762	1672	0	8412547	7999998	9333330	
2195937										
8	3	19.0	56	1829	1248	1842	10611918	9333331	10666663	
402466										
9	2	19.0	95	1566	1174	0	11019303	10666664	11999996	

Total number of pulses in waveform = 21



Waveform Num = 2

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)
	342459									
1		3	12.0	65	1549	1488	1156	342459	0	923076
	793789									
2		2	12.0	64	1892	1172	0	1140441	923077	1846153
	930477									
3		2	12.0	76	1083	1173	0	2073982	1846154	2769230
	1567894									
4		1	12.0	59	1005	0	0	3644132	2769231	3692307
	362456									
5		2	12.0	71	1250	1382	0	4007593	3692308	4615384
	969758									
6		2	12.0	98	1275	1740	0	4979983	4615385	5538461
	1380258									
7		2	12.0	84	1587	1825	0	6363256	5538462	6461538
	623949									
8		2	12.0	70	1362	1429	0	6990617	6461539	7384615
	1200226									
9		2	12.0	56	1946	1585	0	8193634	7384616	8307692
	136053									
10		2	12.0	53	1709	1500	0	8333218	8307693	9230769
	1628294									
11		3	12.0	58	1086	1218	1028	9964721	9230770	10153846
	186163									
12		1	12.0	87	1276	0	0	10154216	10153847	11076923



1694380

13 1 12.0 51 1405 0 0 11849872 11076924 12000000

Total number of pulses in waveform = 25



Waveform Num = 3

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)
	388278									
1	2	19.0	82	1041	1275	0	388278	0	599999	
	636945									
2	1	19.0	95	1596	0	0	1027539	600000	1199999	
	634903									
3	3	19.0	93	1740	1396	1835	1664038	1200000	1799999	
	633129									
4	1	19.0	57	1489	0	0	2302138	1800000	2399999	
	495931									
5	2	19.0	79	1762	1920	0	2799558	2400000	2999999	
	469356									
6	2	19.0	55	1096	1678	0	3272596	3000000	3599999	
	462702									
7	2	19.0	57	1648	1140	0	3738072	3600000	4199999	
	876344									
8	3	19.0	88	1250	1440	1215	4617204	4200000	4799999	
	460382									
9	3	19.0	63	1897	1883	1867	5081491	4800000	5399999	
	817925									
10	2	19.0	58	1600	1504	0	5905063	5400000	5999999	
	323825									
11	2	19.0	65	1320	1984	0	6231992	6000000	6599999	
	488586									
12	3	19.0	65	1177	1976	1930	6723882	6600000	7199999	



1041414										
13	3	19.0	95	1600	1101	1241	7770379	7200000	7799999	
89786										
14	1	19.0	63	1319	0	0	7864107	7800000	8399999	
604824										
15	1	19.0	62	1988	0	0	8470250	8400000	8999999	
685853										
16	1	19.0	65	1862	0	0	9158091	9000000	9599999	
885211										
17	2	19.0	88	1043	1406	0	10045164	9600000	10199999	
667777										
18	1	19.0	79	1479	0	0	10715390	10200000	10799999	
649466										
19	1	19.0	53	1268	0	0	11366335	10800000	11399999	
365058										
20	2	19.0	61	1218	1444	0	11732661	11400000	11999999	

Total number of pulses in waveform = 38



Waveform Num = 4

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	461808	2	10.0	80	1600	1301	0	461808	0	631578
2	776798	1	10.0	99	1486	0	0	1241507	631579	1263157
3	446536	2	10.0	72	1997	1815	0	1689529	1263158	1894736
4	290029	2	10.0	75	1038	1334	0	1983370	1894737	2526315
5	626360	2	10.0	63	1301	1054	0	2612102	2526316	3157894
6	707431	3	10.0	59	1077	1603	1324	3321888	3157895	3789473
7	797415	2	10.0	83	1986	1618	0	4123307	3789474	4421052
8	356589	2	10.0	70	1995	1809	0	4483500	4421053	5052631
9	1001793	2	10.0	83	1710	1661	0	5489097	5052632	5684210
10	355449	3	10.0	71	1530	1960	1569	5847917	5684211	6315789
11	1080897	1	10.0	53	1855	0	0	6933873	6315790	6947368
12	376555	2	10.0	53	1858	1882	0	7312283	6947369	7578947



720573									
13	1	10.0	59	1512	0	0	8036596	7578948	8210526
323519									
14	1	10.0	68	1632	0	0	8361627	8210527	8842105
651671									
15	1	10.0	52	1814	0	0	9014930	8842106	9473684
839442									
16	3	10.0	91	1119	1975	1148	9856186	9473685	10105263
513934									
17	3	10.0	55	1473	1158	1432	10374362	10105264	10736842
747846									
18	1	10.0	58	1232	0	0	11126271	10736843	11368421
451458									
19	3	10.0	80	1720	1921	1580	11578961	11368422	12000000

Total number of pulses in waveform = 37



Waveform Num = 5

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1050873										
1	1	6.0	67	1915	0	0	0	1050873	0	1199999
1043572										
2	1	6.0	91	1079	0	0	0	2096360	1200000	2399999
1496929										
3	1	6.0	83	1098	0	0	0	3594368	2400000	3599999
125995										
4	2	6.0	82	1421	1911	0	0	3721461	3600000	4799999
1916178										
5	2	6.0	70	1965	1007	0	0	5640971	4800000	5999999
1257894										
6	1	6.0	84	1499	0	0	0	6901837	6000000	7199999
1122178										
7	2	6.0	75	1550	1025	0	0	8025514	7200000	8399999
1460290										
8	3	6.0	56	1722	1289	1533	0	9488379	8400000	9599999
825363										
9	3	6.0	90	1867	1793	1714	0	10318286	9600000	10799999
1100571										
10	2	6.0	66	1306	1250	0	0	11424231	10800000	11999999

Total number of pulses in waveform = 18



Waveform Num = 6

Num of Bursts = 18

Burst Interval (us) = 666667.0

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)
	631721									
1	2	16.0	85	1959	1194	0		631721 0	666666	
	604314									
2	3	16.0	68	1551	1878	1606	1239188	666667	1333333	
	626964									
3	2	16.0	54	1056	1247	0	1871187	1333334	2000000	
	453531									
4	3	16.0	98	1718	1185	1271	2327021	2000001	2666667	
	775193									
5	2	16.0	97	1276	1252	0	3106388	2666668	3333334	
	554852									
6	2	16.0	56	1022	1902	0	3663768	3333335	4000001	
	891225									
7	3	16.0	79	1829	1011	1729	4557917	4000002	4666668	
	449852									
8	1	16.0	92	1171	0	0	5012338	4666669	5333335	
	452810									
9	1	16.0	66	1966	0	0	5466319	5333336	6000002	
	676444									
10	2	16.0	92	1275	1023	0	6144729	6000003	6666669	
	784214									
11	1	16.0	100	1258	0	0	6931241	6666670	7333336	
	483587									
12	1	16.0	90	1620	0	0	7416086	7333337	8000003	



859584

13 3 16.0 66 1394 1177 1649 8277290 8000004 8666670

984909

14 1 16.0 93 1059 0 0 9266419 8666671 9333337

536055

15 3 16.0 77 1139 1245 1809 9803533 9333338 10000004

313145

16 2 16.0 75 1982 1484 0 10120871 10000005 10666671

900993

17 2 16.0 67 1430 1980 0 11025330 10666672 11333338

854802

18 3 16.0 96 1021 1760 1939 11883542 11333339 12000005

Total number of pulses in waveform = 37



Waveform Num = 7

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	183363	3	9.0	65	1999	1598	1150	183363	0	666666
2	757250	3	9.0	95	1110	1184	1551	945360	666667	1333333
3	845729	1	9.0	56	1179	0	0	1794934	1333334	2000000
4	311280	3	9.0	87	1266	1227	1308	2107393	2000001	2666667
5	1039456	3	9.0	90	1923	1398	1820	3150650	2666668	3333334
6	645623	2	9.0	65	1467	1531	0	3801414	3333335	4000001
7	810752	2	9.0	100	1428	1820	0	4615164	4000002	4666668
8	97900	3	9.0	95	1277	1052	1920	4716312	4666669	5333335
9	983247	2	9.0	82	1365	1058	0	5703808	5333336	6000002
10	930408	1	9.0	55	1992	0	0	6636639	6000003	6666669
11	676604	1	9.0	90	1517	0	0	7315235	6666670	7333336
12	222182	1	9.0	84	1168	0	0	7538934	7333337	8000003



647802

13 2 9.0 86 1732 1188 0 8187904 8000004 8666670

797000

14 2 9.0 69 1820 1619 0 8987824 8666671 9333337

795342

15 1 9.0 65 1203 0 0 9786605 9333338 10000004

424157

16 2 9.0 96 1350 1666 0 10211965 10000005 10666671

1083323

17 2 9.0 98 1667 1437 0 11298304 10666672 11333338

386915

18 3 9.0 70 1198 1489 1726 11688323 11333339 12000005

Total number of pulses in waveform = 37



Waveform Num = 8

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	124216	2	8.0	86	1512	1131	0	124216	0	1333332
2	1417722	2	8.0	89	1183	1042	0	1544581	1333333	2666665
3	1722369	1	8.0	93	1868	0	0	3269175	2666666	3999998
4	1843504	1	8.0	74	1222	0	0	5114547	3999999	5333331
5	471839	3	8.0	95	1642	1109	1781	5587608	5333332	6666664
6	1755870	1	8.0	65	1107	0	0	7348010	6666665	7999997
7	1104226	3	8.0	52	1824	1351	1147	8453343	7999998	9333330
8	1954248	3	8.0	60	1047	1081	1140	10411913	9333331	10666663
9	630910	1	8.0	99	1211	0	0	11046091	10666664	11999996

Total number of pulses in waveform = 17



Waveform Num = 9

Num of Bursts = 11

Burst Interval (us) = 1090909.0

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)
284913										
1	1	1	14.0	100	1923	0	0	284913	0	1090908
1449848										
2	1	1	14.0	79	1978	0	0	1736684	1090909	2181817
993357										
3	1	1	14.0	95	1285	0	0	2732019	2181818	3272726
1226808										
4	3	3	14.0	66	1845	1781	1761	3960112	3272727	4363635
1390180										
5	2	2	14.0	74	1431	1702	0	5355679	4363636	5454544
343834										
6	3	3	14.0	64	1827	1037	1279	5702646	5454545	6545453
1704853										
7	3	3	14.0	70	1395	1741	1803	7411642	6545454	7636362
829755										
8	2	2	14.0	72	1535	1096	0	8246336	7636363	8727271
549579										
9	3	3	14.0	55	1988	1744	1110	8798546	8727272	9818180
1105862										
10	1	1	14.0	61	1850	0	0	9909250	9818181	10909089
1027594										
11	1	1	14.0	76	1543	0	0	10938694	10909090	11999998

Total number of pulses in waveform = 21



Waveform Num = 10

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)
	870378									
1	2	11.0	100	1851	1343	0	0	870378	0	999999
	330683									
2	1	11.0	76	1181	0	0	0	1204255	1000000	1999999
	1698958									
3	2	11.0	69	1928	1290	0	0	2904394	2000000	2999999
	842696									
4	2	11.0	73	1540	1684	0	0	3750308	3000000	3999999
	1180816									
5	2	11.0	62	1505	1569	0	0	4934348	4000000	4999999
	676607									
6	1	11.0	70	1605	0	0	0	5614029	5000000	5999999
	712538									
7	1	11.0	98	1175	0	0	0	6328172	6000000	6999999
	1008478									
8	2	11.0	81	1916	1414	0	0	7337825	7000000	7999999
	1599394									
9	3	11.0	64	1507	1743	1968	0	8940549	8000000	8999999
	833108									
10	3	11.0	52	1164	1464	1204	0	9778875	9000000	9999999
	1075606									
11	2	11.0	87	1292	1461	0	0	10858313	10000000	10999999
	627150									
12	3	11.0	56	1100	1010	1579	0	11488216	11000000	11999999



Total number of pulses in waveform = 24



Waveform Num = 11

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	94787	2	7.0	97	1599	1087	0	94787	0	666666
2	1146148	3	7.0	92	1146	1353	1492	1243621	666667	1333333
3	304825	2	7.0	72	1336	1792	0	1552437	1333334	2000000
4	599573	3	7.0	57	1514	1392	1130	2155138	2000001	2666667
5	676891	2	7.0	54	1643	1308	0	2836065	2666668	3333334
6	900369	3	7.0	77	1865	1803	1042	3739385	3333335	4000001
7	606726	2	7.0	64	1644	1905	0	4350821	4000002	4666668
8	686785	1	7.0	72	1742	0	0	5041155	4666669	5333335
9	829428	3	7.0	57	1316	1954	1233	5872325	5333336	6000002
10	660763	3	7.0	57	1256	1338	1233	6537591	6000003	6666669
11	197481	2	7.0	72	1716	1795	0	6738899	6666670	7333336
12	912689	3	7.0	84	1583	1656	1962	7655099	7333337	8000003



774847

13 1 7.0 68 1635 0 0 8435147 8000004 8666670

858570

14 2 7.0 92 1423 1159 0 9295352 8666671 9333337

384348

15 1 7.0 57 1446 0 0 9682282 9333338 10000004

717926

16 3 7.0 63 1202 1615 1814 10401654 10000005 10666671

455848

17 1 7.0 68 1091 0 0 10862133 10666672 11333338

678557

18 3 7.0 57 1117 1834 1058 11541781 11333339 12000005

Total number of pulses in waveform = 40



Waveform Num = 12

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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)
160735										
1	2	13.0	73	1516	1151	0	160735	0	1499999	
1524041										
2	1	13.0	97	1840	0	0	1687443	1500000	2999999	
2062056										
3	3	13.0	98	1806	1241	1701	3751339	3000000	4499999	
1922497										
4	3	13.0	98	1088	1640	1808	5678584	4500000	5999999	
1252129										
5	2	13.0	89	1856	1630	0	6935249	6000000	7499999	
1189999										
6	1	13.0	59	1363	0	0	8128734	7500000	8999999	
1100218										
7	2	13.0	100	1720	1820	0	9230315	9000000	10499999	
2262902										
8	1	13.0	71	1080	0	0	11496757	10500000	11999999	

Total number of pulses in waveform = 15



Waveform Num = 13

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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	87569	2	11.0	67	1076	1670	0	87569	0	1499999
2	2014985	1	11.0	75	1662	0	0	2105300	1500000	2999999
3	1160863	2	11.0	61	1867	1413	0	3267825	3000000	4499999
4	1641101	3	11.0	73	1783	1479	1986	4912206	4500000	5999999
5	2361110	1	11.0	89	1857	0	0	7278564	6000000	7499999
6	639101	3	11.0	59	1279	1934	1464	7919522	7500000	8999999
7	1565845	3	11.0	57	1835	1275	1056	9490044	9000000	10499999
8	1040790	2	11.0	50	1666	1487	0	10535000	10500000	11999999

Total number of pulses in waveform = 17



Waveform Num = 14

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	123468	2	20.0	81	1764	1507	0	123468	0	749999
2	1298777	2	20.0	56	1790	1367	0	1425516	750000	1499999
3	202629	1	20.0	75	1253	0	0	1631302	1500000	2249999
4	659712	2	20.0	82	1198	1046	0	2292267	2250000	2999999
5	839582	3	20.0	98	1736	1746	1757	3134093	3000000	3749999
6	980987	2	20.0	56	1012	1972	0	4120319	3750000	4499999
7	867253	1	20.0	98	1213	0	0	4990556	4500000	5249999
8	697778	3	20.0	51	1487	1619	1286	5689547	5250000	5999999
9	531823	1	20.0	81	1544	0	0	6225762	6000000	6749999
10	1108520	1	20.0	75	1978	0	0	7335826	6750000	7499999
11	447206	3	20.0	78	1516	1742	1507	7785010	7500000	8249999
12	700778	2	20.0	100	1736	1429	0	8490553	8250000	8999999



532440

13 2 20.0 96 1311 1634 0 9026158 9000000 9749999

845645

14 1 20.0 79 1758 0 0 9874748 9750000 10499999

961633

15 2 20.0 77 1062 1058 0 10838139 10500000 11249999

482031

16 2 20.0 62 1396 1147 0 11322290 11250000 11999999

Total number of pulses in waveform = 30



Waveform Num = 15

Num of Bursts = 11

Burst Interval (us) = 1090909.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	180150	1	9.0	80	1387	0	0	180150	0	1090908
2	1324575	1	9.0	52	1015	0	0	1506112	1090909	2181817
3	1270404	3	9.0	69	1483	1412	1108	2777531	2181818	3272726
4	1118404	1	9.0	92	1442	0	0	3899938	3272727	4363635
5	532703	3	9.0	54	1473	1039	1025	4434083	4363636	5454544
6	1715339	2	9.0	71	1783	1882	0	6152959	5454545	6545453
7	432890	2	9.0	91	1064	1290	0	6589514	6545454	7636362
8	1490146	2	9.0	57	1721	1620	0	8082014	7636363	8727271
9	1084093	3	9.0	91	1399	1651	1730	9169448	8727272	9818180
10	1218196	1	9.0	74	1814	0	0	10392424	9818181	10909089
11	1441242	3	9.0	65	1911	1491	1570	11835480	10909090	11999998

Total number of pulses in waveform = 22



Waveform Num = 16

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
638802										
1	2	15.0	65	1335	1950	0	638802	0	1499999	
1630875										
2	1	15.0	57	1419	0	0	2272962	1500000	2999999	
1840293										
3	1	15.0	70	1339	0	0	4114674	3000000	4499999	
1696361										
4	3	15.0	55	1428	1904	1379	5812374	4500000	5999999	
661214										
5	2	15.0	59	1488	1626	0	6478299	6000000	7499999	
2361845										
6	2	15.0	86	1387	1077	0	8843258	7500000	8999999	
289767										
7	2	15.0	55	1454	1189	0	9135489	9000000	10499999	
1996766										
8	1	15.0	82	1369	0	0	11134898	10500000	11999999	

Total number of pulses in waveform = 14



Waveform Num = 17

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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	454096	3	13.0	86	1802	1498	1729	454096	0	1333332
2	912380	3	13.0	85	1148	1284	1887	1371505	1333333	2666665
3	1454395	2	13.0	66	1862	1949	0	2830219	2666666	3999998
4	2158965	2	13.0	81	1551	1033	0	4992995	3999999	5333331
5	397868	3	13.0	84	1618	1340	1541	5393447	5333332	6666664
6	2095919	2	13.0	87	1209	1536	0	7493865	6666665	7999997
7	1417443	1	13.0	53	1474	0	0	8914053	7999998	9333330
8	871690	3	13.0	88	1678	1501	1235	9787217	9333331	10666663
9	2108584	3	13.0	74	1403	1653	1369	11900215	10666664	11999996

Total number of pulses in waveform = 22



Waveform Num = 18

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)
	390775									
1	3	9.0	75	1204	1451	1201	390775	0	749999	
	827793									
2	1	9.0	50	1728	0	0	1222424	750000	1499999	
	617617									
3	3	9.0	99	1086	1516	1227	1841769	1500000	2249999	
	1138724									
4	2	9.0	63	1877	1390	0	2984322	2250000	2999999	
	221649									
5	1	9.0	61	1436	0	0	3209238	3000000	3749999	
	1240941									
6	3	9.0	88	1540	1819	1476	4451615	3750000	4499999	
	557157									
7	2	9.0	83	1107	1212	0	5013607	4500000	5249999	
	710420									
8	2	9.0	55	1001	1711	0	5726346	5250000	5999999	
	565752									
9	1	9.0	62	1928	0	0	6294810	6000000	6749999	
	682645									
10	1	9.0	87	1226	0	0	6979383	6750000	7499999	
	840504									
11	3	9.0	85	1376	1070	1175	7821113	7500000	8249999	
	650043									
12	1	9.0	56	1694	0	0	8474777	8250000	8999999	



1080475

13 1 9.0 62 1906 0 0 9556946 9000000 9749999

465445

14 2 9.0 89 1163 1524 0 10024297 9750000 10499999

1173862

15 1 9.0 66 1379 0 0 11200846 10500000 11249999

250755

16 1 9.0 50 1922 0 0 11452980 11250000 11999999

Total number of pulses in waveform = 28



Waveform Num = 19

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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	1493998	3	16.0	57	1538	1734	1174	1493998	0	1499999
2	1064987	3	16.0	81	1461	1190	1346	2563431	1500000	2999999
3	844131	3	16.0	61	1877	1173	1937	3411559	3000000	4499999
4	1253677	1	16.0	67	1949	0	0	4670223	4500000	5999999
5	1456442	1	16.0	52	1546	0	0	6128614	6000000	7499999
6	2138119	1	16.0	89	1751	0	0	8268279	7500000	8999999
7	1924364	1	16.0	55	1098	0	0	10194394	9000000	10499999
8	1503496	3	16.0	86	1271	1914	1274	11698988	10500000	11999999

Total number of pulses in waveform = 16



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	188674	1	17.0	57	1618	0	0	188674	0	599999
2	583484	2	17.0	90	1446	1262	0	773776	600000	1199999
3	619915	1	17.0	66	1775	0	0	1396399	1200000	1799999
4	581426	1	17.0	53	1355	0	0	1979600	1800000	2399999
5	938410	2	17.0	79	1611	1669	0	2919365	2400000	2999999
6	298635	2	17.0	72	1526	1918	0	3221280	3000000	3599999
7	592139	1	17.0	56	1066	0	0	3816863	3600000	4199999
8	939149	2	17.0	92	1328	1408	0	4757078	4200000	4799999
9	460508	2	17.0	98	1874	1677	0	5220322	4800000	5399999
10	608402	3	17.0	51	1672	1158	1959	5832275	5400000	5999999
11	394386	1	17.0	91	1639	0	0	6231450	6000000	6599999
12	826620	1	17.0	96	1741	0	0	7059709	6600000	7199999



380377									
13	3	17.0	54	1413	1354	1385	7441827	7200000	7799999
355975									
14	2	17.0	64	1437	1313	0	7801954	7800000	8399999
664714									
15	3	17.0	52	1110	1449	1344	8469418	8400000	8999999
943609									
16	3	17.0	52	1164	1265	1384	9416930	9000000	9599999
723340									
17	3	17.0	70	1288	1619	1530	10144083	9600000	10199999
84772									
18	1	17.0	92	1859	0	0	10233292	10200000	10799999
852798									
19	2	17.0	63	1779	1000	0	11087949	10800000	11399999
828836									
20	3	17.0	86	1847	1868	1370	11919564	11400000	11999999

Total number of pulses in waveform = 39



Waveform Num = 21

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	706185	1	19.0	61	1543	0	0	706185	0	857142
2	866521	3	19.0	74	1345	1020	1635	1574249	857143	1714285
3	207693	1	19.0	50	1493	0	0	1785942	1714286	2571428
4	1060522	3	19.0	75	1176	1286	1526	2847957	2571429	3428571
5	1313986	1	19.0	80	1607	0	0	4165931	3428572	4285714
6	605790	3	19.0	83	1067	1288	1025	4773328	4285715	5142857
7	773838	1	19.0	78	1949	0	0	5550546	5142858	6000000
8	543544	2	19.0	97	1808	1883	0	6096039	6000001	6857143
9	1202784	1	19.0	97	1839	0	0	7302514	6857144	7714286
10	1080143	2	19.0	66	1526	1223	0	8384496	7714287	8571429
11	760186	3	19.0	51	1321	1891	1128	9147431	8571430	9428572
12	905101	2	19.0	64	1857	1483	0	10056872	9428573	10285715



641983

13 1 19.0 72 1753 0 0 10702195 10285716 11142858

1044453

14 3 19.0 88 1674 1216 1348 11748401 11142859 12000001

Total number of pulses in waveform = 27



Waveform Num = 22

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)
	355540									
1	3	11.0	93	1417	1719	1647	355540	0	599999	
	462210									
2	2	11.0	98	1266	1859	0	822533	600000	1199999	
	681871									
3	2	11.0	52	1879	1562	0	1507529	1200000	1799999	
	696416									
4	2	11.0	54	1634	1010	0	2207386	1800000	2399999	
	423327									
5	1	11.0	75	1432	0	0	2633357	2400000	2999999	
	489467									
6	3	11.0	71	1849	1275	1785	3124256	3000000	3599999	
	778401									
7	1	11.0	50	1677	0	0	3907566	3600000	4199999	
	783328									
8	1	11.0	67	1352	0	0	4692571	4200000	4799999	
	452978									
9	2	11.0	80	1646	1697	0	5146901	4800000	5399999	
	347007									
10	3	11.0	52	1554	1969	1238	5497251	5400000	5999999	
	810053									
11	1	11.0	72	1963	0	0	6312065	6000000	6599999	
	522232									
12	2	11.0	83	1194	1949	0	6836260	6600000	7199999	



407826									
13	2	11.0	64	1579	1595	0	7247229	7200000	7799999
624253									
14	2	11.0	87	1211	1675	0	7874656	7800000	8399999
686417									
15	1	11.0	70	1632	0	0	8563959	8400000	8999999
718978									
16	1	11.0	71	1612	0	0	9284569	9000000	9599999
630191									
17	3	11.0	89	1090	1880	1153	9916372	9600000	10199999
672295									
18	1	11.0	74	1700	0	0	10592790	10200000	10799999
740359									
19	3	11.0	98	1931	1929	1879	11334849	10800000	11399999
284848									
20	1	11.0	95	1191	0	0	11625436	11400000	11999999

Total number of pulses in waveform = 37



Waveform Num = 23

Num of Bursts = 11

Burst Interval (us) = 1090909.0

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)
387423										
1	2	12.0	87	1342	1582	0	387423	0	1090908	
1751458										
2	3	12.0	67	1905	1412	1179	2141805	1090909	2181817	
438548										
3	1	12.0	77	1744	0	0	2584849	2181818	3272726	
1692213										
4	1	12.0	84	1078	0	0	4278806	3272727	4363635	
86143										
5	1	12.0	99	1091	0	0	4366027	4363636	5454544	
1935914										
6	3	12.0	79	1939	1739	1834	6303032	5454545	6545453	
610492										
7	3	12.0	53	1849	1588	1640	6919036	6545454	7636362	
1572084										
8	1	12.0	73	1890	0	0	8496197	7636363	8727271	
364003										
9	2	12.0	84	1470	1639	0	8862090	8727272	9818180	
1501119										
10	3	12.0	79	1498	1650	1473	10366318	9818181	10909089	
912580										
11	1	12.0	62	1403	0	0	11283519	10909090	11999998	

Total number of pulses in waveform = 21



Waveform Num = 24

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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	910369	2	7.0	85	1678	1904	0	910369	0	1333332
2	932214	3	7.0	96	1746	1252	1470	1846165	1333333	2666665
3	1767575	1	7.0	88	1635	0	0	3618208	2666666	3999998
4	1466896	1	7.0	87	1242	0	0	5086739	3999999	5333331
5	525386	3	7.0	93	1469	1102	1026	5613367	5333332	6666664
6	1502063	2	7.0	66	1300	1862	0	7119027	6666665	7999997
7	1924141	1	7.0	91	1043	0	0	9046330	7999998	9333330
8	545965	1	7.0	93	1665	0	0	9593338	9333331	10666663
9	2126718	1	7.0	96	1021	0	0	11721721	10666664	11999996

Total number of pulses in waveform = 15



Waveform Num = 25

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	182443	2	10.0	92	1781	1057	0	182443	0	705881
2	742816	1	10.0	53	1881	0	0	928097	705882	1411763
3	1071721	3	10.0	98	1432	1320	1679	2001699	1411764	2117645
4	284413	3	10.0	84	1909	1385	1650	2290543	2117646	2823527
5	759737	1	10.0	82	1439	0	0	3055224	2823528	3529409
6	698592	3	10.0	65	1074	1075	1454	3755255	3529410	4235291
7	960729	2	10.0	55	1416	1210	0	4719587	4235292	4941173
8	783080	3	10.0	74	1864	1853	1334	5505293	4941174	5647055
9	323846	2	10.0	87	1072	1521	0	5834190	5647056	6352937
10	676191	2	10.0	73	1946	1899	0	6512974	6352938	7058819
11	1229375	3	10.0	64	1351	1601	1808	7746194	7058820	7764701
12	214480	3	10.0	95	1086	1350	1587	7965434	7764702	8470583



1046417

13 2 10.0 97 1764 1142 0 9015874 8470584 9176465

247792

14 1 10.0 53 1825 0 0 9266572 9176466 9882347

1163781

15 1 10.0 78 1502 0 0 10432178 9882348 10588229

482433

16 1 10.0 62 1937 0 0 10916113 10588230 11294111

485528

17 3 10.0 64 1956 1542 1359 11403578 11294112 11999993

Total number of pulses in waveform = 36



Waveform Num = 26

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)
	171744									
1	2	9.0	53	1159	1870	0	171744	0	799999	
	736304									
2	1	9.0	95	1309	0	0	911077	800000	1599999	
	921057									
3	2	9.0	99	1262	1557	0	1833443	1600000	2399999	
	1069324									
4	2	9.0	82	1897	1801	0	2905586	2400000	3199999	
	1037808									
5	2	9.0	92	1818	1666	0	3947092	3200000	3999999	
	670982									
6	2	9.0	85	1791	1360	0	4621558	4000000	4799999	
	653247									
7	2	9.0	96	1311	1317	0	5277956	4800000	5599999	
	788905									
8	2	9.0	100	1524	1100	0	6069489	5600000	6399999	
	1064340									
9	3	9.0	63	1105	1613	1749	7136453	6400000	7199999	
	183353									
10	1	9.0	82	1818	0	0	7324273	7200000	7999999	
	1259462									
11	1	9.0	91	1235	0	0	8585553	8000000	8799999	
	358901									
12	1	9.0	62	1580	0	0	8945689	8800000	9599999	



723668

13 3 9.0 67 1320 1327 1548 9670937 9600000 10399999

1382033

14 1 9.0 83 1444 0 0 11057165 10400000 11199999

932233

15 2 9.0 55 1811 1882 0 11990842 11200000 11999999

Total number of pulses in waveform = 27



Waveform Num = 27

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	695326	1	20.0	61	1722	0	0	695326	0	1199999
2	1404878	2	20.0	82	1725	1328	0	2101926	1200000	2399999
3	299485	3	20.0	84	1272	1763	1626	2404464	2400000	3599999
4	2034789	2	20.0	58	1823	1564	0	4443914	3600000	4799999
5	1005499	2	20.0	63	1541	1551	0	5452800	4800000	5999999
6	1148152	3	20.0	62	1354	1016	1120	6604044	6000000	7199999
7	1388221	1	20.0	53	1969	0	0	7995755	7200000	8399999
8	992460	3	20.0	66	1054	1759	1566	8990184	8400000	9599999
9	1170656	1	20.0	64	1960	0	0	10165219	9600000	10799999
10	1119078	2	20.0	87	1009	1990	0	11286257	10800000	11999999

Total number of pulses in waveform = 20



Waveform Num = 28

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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	33857	3	16.0	94	1125	1683	1311	33857	0	1499999
2	1866964	3	16.0	84	1445	1606	1261	1904940	1500000	2999999
3	2449333	3	16.0	58	1480	1986	1216	4358585	3000000	4499999
4	1385749	1	16.0	90	1349	0	0	5749016	4500000	5999999
5	1286223	2	16.0	71	1317	1057	0	7036588	6000000	7499999
6	901661	3	16.0	74	1284	1148	1197	7940623	7500000	8999999
7	1572920	3	16.0	92	1112	1634	1814	9517172	9000000	10499999
8	1071697	2	16.0	62	1527	1878	0	10593429	10500000	11999999

Total number of pulses in waveform = 20



Waveform Num = 29

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	97397	1	20.0	98	1637	0	0	97397	0	799999
2	1248286	3	20.0	97	1111	1249	1889	1347320	800000	1599999
3	532050	1	20.0	100	1546	0	0	1883619	1600000	2399999
4	1139299	3	20.0	72	1617	1481	1847	3024464	2400000	3199999
5	828240	2	20.0	95	1431	1178	0	3857649	3200000	3999999
6	532927	3	20.0	85	1265	1065	1506	4393185	4000000	4799999
7	406520	3	20.0	65	1620	1369	1326	4803541	4800000	5599999
8	1530901	1	20.0	60	1677	0	0	6338757	5600000	6399999
9	806952	3	20.0	83	1530	1105	1723	7147386	6400000	7199999
10	464443	1	20.0	70	1796	0	0	7616187	7200000	7999999
11	905507	3	20.0	60	1999	1782	1568	8523490	8000000	8799999
12	483783	2	20.0	91	1545	1643	0	9012622	8800000	9599999



704853

13 3 20.0 75 1021 1502 1672 9720663 9600000 10399999

1209188

14 3 20.0 98 1876 1406 1881 10934046 10400000 11199999

835539

15 1 20.0 64 1344 0 0 11774748 11200000 11999999

Total number of pulses in waveform = 33



Waveform Num = 30

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)
452156										
1	2	13.0	52	1757	1768	0	452156	0	1499999	
1232381										
2	3	13.0	90	1710	1024	1240	1688062	1500000	2999999	
1592094										
3	2	13.0	54	1193	1722	0	3284130	3000000	4499999	
2510752										
4	3	13.0	57	1381	1696	1344	5797797	4500000	5999999	
927674										
5	3	13.0	80	1272	1085	1858	6729892	6000000	7499999	
1328040										
6	2	13.0	68	1346	1543	0	8062147	7500000	8999999	
1986057										
7	3	13.0	50	1603	1066	1602	10051093	9000000	10499999	
1785662										
8	2	13.0	91	1732	1194	0	11841026	10500000	11999999	
Total number of pulses in waveform = 20										



60 MHz Bandwidth

Waveform Num = 1

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)
340167										
1	1	1	11.0	56	1901	0	0	340167	0	1333332
2004904										
2	2	2	11.0	88	1132	1715	0	2346972	1333333	2666665
1329710										
3	1	1	11.0	54	1873	0	0	3679529	2666666	3999998
505578										
4	2	2	11.0	84	1766	1222	0	4186980	3999999	5333331
1312737										
5	1	1	11.0	96	1716	0	0	5502705	5333332	6666664
1794917										
6	2	2	11.0	50	1065	1127	0	7299338	6666665	7999997
756266										
7	3	3	11.0	54	1397	1653	1243	8057796	7999998	9333330
2482297										
8	3	3	11.0	99	1215	1517	1064	10544386	9333331	10666663
863743										
9	3	3	11.0	88	1656	1685	1016	11411925	10666664	11999996

Total number of pulses in waveform = 18



Waveform Num = 2

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	319169	1	7.0	88	1671	0	0	319169	0	631578
2	716327	3	7.0	69	1115	1987	1682	1037167	631579	1263157
3	736093	1	7.0	94	1420	0	0	1778044	1263158	1894736
4	625754	3	7.0	93	1736	1498	1258	2405218	1894737	2526315
5	348408	2	7.0	50	1389	1745	0	2758118	2526316	3157894
6	881113	3	7.0	85	1081	1071	1528	3642365	3157895	3789473
7	369005	1	7.0	97	1611	0	0	4015050	3789474	4421052
8	999216	1	7.0	93	1866	0	0	5015877	4421053	5052631
9	465299	3	7.0	72	1570	1077	1196	5483042	5052632	5684210
10	572740	3	7.0	82	1733	1873	1442	6059625	5684211	6315789
11	258509	1	7.0	63	1354	0	0	6323182	6315790	6947368
12	839271	1	7.0	91	1526	0	0	7163807	6947369	7578947



670942									
13	2	7.0	86	1997	1917	0	7836275	7578948	8210526
395895									
14	2	7.0	98	1402	1807	0	8236084	8210527	8842105
1104171									
15	3	7.0	60	1341	1268	1379	9343464	8842106	9473684
404736									
16	2	7.0	59	1487	1228	0	9752188	9473685	10105263
564827									
17	2	7.0	80	1247	1367	0	10319730	10105264	10736842
739111									
18	2	7.0	87	1365	1174	0	11061455	10736843	11368421
612720									
19	3	7.0	76	1980	1759	1417	11676714	11368422	12000000
Total number of pulses in waveform = 39									



Waveform Num = 3

Num of Bursts = 11

Burst Interval (us) = 1090909.0

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)
1047521										
1	3	19.0	79	1599	1103	1530	1047521	0	1090908	
1086057										
2	1	19.0	75	1917	0	0	2137810	1090909	2181817	
381295										
3	3	19.0	95	1188	1859	1906	2521022	2181818	3272726	
1375204										
4	1	19.0	87	1791	0	0	3901179	3272727	4363635	
584983										
5	3	19.0	50	1102	1246	1575	4487953	4363636	5454544	
1675116										
6	1	19.0	91	1230	0	0	6166992	5454545	6545453	
1297522										
7	2	19.0	51	1163	1669	0	7465744	6545454	7636362	
847665										
8	2	19.0	56	1366	1818	0	8316241	7636363	8727271	
537879										
9	3	19.0	84	1200	1651	1953	8857304	8727272	9818180	
1299758										
10	1	19.0	62	1202	0	0	10161866	9818181	10909089	
1204565										
11	2	19.0	89	1932	1593	0	11367633	10909090	11999998	

Total number of pulses in waveform = 22



Waveform Num = 4

Num of Bursts = 19

Burst Interval (us) = 631579.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	Pulse 1 (us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	346371									
1	3	5.0	54	1194	1272	1569	346371	0	631578	
	396606									
2	3	5.0	52	1184	1503	1022	747012	631579	1263157	
	889540									
3	2	5.0	57	1386	1472	0	1640261	1263158	1894736	
	461994									
4	3	5.0	67	1943	1841	1025	2105113	1894737	2526315	
	974200									
5	3	5.0	59	1662	1489	1608	3084122	2526316	3157894	
	295605									
6	2	5.0	80	1678	1905	0	3384486	3157895	3789473	
	449142									
7	2	5.0	65	1376	1926	0	3837211	3789474	4421052	
	1204137									
8	1	5.0	69	1116	0	0	5044650	4421053	5052631	
	627457									
9	1	5.0	61	1519	0	0	5673223	5052632	5684210	
	504285									
10	2	5.0	73	1050	1949	0	6179027	5684211	6315789	
	746809									
11	2	5.0	85	1968	1828	0	6928835	6315790	6947368	
	420719									
12	2	5.0	79	1903	1004	0	7353350	6947369	7578947	



789846
13 1 5.0 70 1382 0 0 8146103 7578948 8210526
554158
14 3 5.0 57 1581 1464 1690 8701643 8210527 8842105
153973
15 1 5.0 99 1632 0 0 8860351 8842106 9473684
1027552
16 2 5.0 52 1058 1466 0 9889535 9473685 10105263
337002
17 1 5.0 53 1836 0 0 10229061 10105264 10736842
987441
18 3 5.0 78 1010 1699 1702 11218338 10736843 11368421
676974
19 1 5.0 71 1334 0 0 11899723 11368422 12000000

Total number of pulses in waveform = 38



Waveform Num = 5

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	735127									
1	1	20.0	62	1691	0	0	735127	0	1333332	
	893110									
2	1	20.0	82	1773	0	0	1629928	1333333	2666665	
	1185526									
3	2	20.0	81	1146	1830	0	2817227	2666666	3999998	
	1492039									
4	3	20.0	88	1872	1261	1719	4312242	3999999	5333331	
	1308295									
5	2	20.0	78	1434	1565	0	5625389	5333332	6666664	
	2277358									
6	1	20.0	67	1896	0	0	7905746	6666665	7999997	
	228578									
7	1	20.0	89	1467	0	0	8136220	7999998	9333330	
	2452792									
8	1	20.0	82	1623	0	0	10590479	9333331	10666663	
	762198									
9	2	20.0	61	1460	1813	0	11354300	10666664	11999996	

Total number of pulses in waveform = 14



Waveform Num = 6

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	123689	3	10.0	98	1990	1257	1009	123689	0	749999
2	641654	2	10.0	59	1434	1155	0	769599	750000	1499999
3	1407613	3	10.0	84	1850	1335	1457	2179801	1500000	2249999
4	661390	2	10.0	87	1335	1752	0	2845833	2250000	2999999
5	707189	3	10.0	51	2000	1804	1844	3556109	3000000	3749999
6	494553	2	10.0	98	1155	1427	0	4056310	3750000	4499999
7	735333	3	10.0	67	1995	1744	1795	4794225	4500000	5249999
8	1114135	1	10.0	64	1640	0	0	5913894	5250000	5999999
9	646864	3	10.0	96	1077	1048	1641	6562398	6000000	6749999
10	604968	2	10.0	60	1159	1473	0	7171132	6750000	7499999
11	1057311	2	10.0	71	1572	1623	0	8231075	7500000	8249999
12	310734	3	10.0	51	1713	1529	1347	8545004	8250000	8999999



475897

13	3	10.0	59	1799	1194	1769	9025490	9000000	9749999
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1460238

14	2	10.0	82	1756	1753	0	10490490	9750000	10499999
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330237

15	1	10.0	65	1607	0	0	10824236	10500000	11249999
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1091989

16	1	10.0	79	1510	0	0	11917832	11250000	11999999
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Total number of pulses in waveform = 36



Waveform Num = 7

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1097491										
1	1	1	7.0	95	1299	0	0	1097491	0	1199999
509141										
2	1	1	7.0	52	1684	0	0	1607931	1200000	2399999
1304383										
3	2	2	7.0	72	1417	1078	0	2913998	2400000	3599999
1084666										
4	3	3	7.0	85	1203	1666	1894	4001159	3600000	4799999
1625050										
5	1	1	7.0	75	1102	0	0	5630972	4800000	5999999
538539										
6	2	2	7.0	93	1802	1296	0	6170613	6000000	7199999
2035721										
7	1	1	7.0	100	1878	0	0	8209432	7200000	8399999
669581										
8	1	1	7.0	70	1472	0	0	8880891	8400000	9599999
1439847										
9	1	1	7.0	68	1138	0	0	10322210	9600000	10799999
911686										
10	2	2	7.0	59	1621	1248	0	11235034	10800000	11999999

Total number of pulses in waveform = 15



Waveform Num = 8

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	383283	2	16.0	61	1573	1830	0	383283	0	705881
2	1017673	2	16.0	99	1389	1045	0	1404359	705882	1411763
3	619650	1	16.0	53	1578	0	0	2026443	1411764	2117645
4	468012	2	16.0	70	1888	1559	0	2496033	2117646	2823527
5	854554	2	16.0	90	1911	1951	0	3354034	2823528	3529409
6	654467	1	16.0	52	1369	0	0	4012363	3529410	4235291
7	844131	3	16.0	86	1700	1933	1978	4857863	4235292	4941173
8	771509	1	16.0	98	1445	0	0	5634983	4941174	5647055
9	143950	2	16.0	97	1664	1704	0	5780378	5647056	6352937
10	1135448	3	16.0	70	1291	1708	1199	6919194	6352938	7058819
11	593562	1	16.0	63	1939	0	0	7516954	7058820	7764701
12	631856	2	16.0	81	1366	1305	0	8150749	7764702	8470583



337215

13	1	16.0	69	1701	0	0	8490635	8470584	9176465
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1204630

14	3	16.0	81	1760	1685	1882	9696966	9176466	9882347
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476055

15	2	16.0	95	1131	1080	0	10178348	9882348	10588229
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909219

16	2	16.0	74	1062	1350	0	11089778	10588230	11294111
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770722

17	2	16.0	53	1538	1737	0	11862912	11294112	11999993
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Total number of pulses in waveform = 32



Waveform Num = 9

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	260593	1	18.0	83	1294	0	0	260593	0	705881
2	1144988	1	18.0	60	1370	0	0	1406875	705882	1411763
3	87382	1	18.0	56	1616	0	0	1495627	1411764	2117645
4	1032756	2	18.0	75	1125	1110	0	2529999	2117646	2823527
5	631748	1	18.0	87	1843	0	0	3163982	2823528	3529409
6	452132	1	18.0	69	1211	0	0	3617957	3529410	4235291
7	1244930	1	18.0	93	1642	0	0	4864098	4235292	4941173
8	501112	2	18.0	82	1526	1115	0	5366852	4941174	5647055
9	641825	3	18.0	53	1030	1257	1468	6011318	5647056	6352937
10	370439	1	18.0	93	1454	0	0	6385512	6352938	7058819
11	758148	3	18.0	81	1860	1886	1887	7145114	7058820	7764701
12	992394	2	18.0	95	1965	1071	0	8143141	7764702	8470583



966559
13 1 18.0 53 1246 0 0 9112736 8470584 9176465
251323
14 3 18.0 73 1415 1188 1614 9365305 9176466 9882347
889574
15 3 18.0 97 1019 1466 1820 10259096 9882348 10588229
531763
16 3 18.0 84 1565 1381 1902 10795164 10588230 11294111
580050
17 2 18.0 81 1128 1452 0 11380062 11294112 11999993
Total number of pulses in waveform = 31



Waveform Num = 10

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	275779	1	19.0	81	1716	0	0	275779	0	705881
2	629124	3	19.0	56	1230	1939	1766	906619	705882	1411763
3	1060455	2	19.0	58	1539	1646	0	1972009	1411764	2117645
4	784534	3	19.0	67	1544	1387	1337	2759728	2117646	2823527
5	755413	1	19.0	75	1657	0	0	3519409	2823528	3529409
6	345287	1	19.0	74	1473	0	0	3866353	3529410	4235291
7	605344	2	19.0	51	1253	1497	0	4473170	4235292	4941173
8	882212	3	19.0	77	1242	1405	1045	5358132	4941174	5647055
9	943203	2	19.0	98	1152	1037	0	6305027	5647056	6352937
10	670791	2	19.0	91	1277	1708	0	6978007	6352938	7058819
11	780169	2	19.0	61	1329	1509	0	7761161	7058820	7764701
12	238197	3	19.0	51	1502	1368	1558	8002196	7764702	8470583



815614									
13	2	19.0	72	1050	1674	0	8822238	8470584	9176465
552893									
14	2	19.0	54	1107	1818	0	9377855	9176466	9882347
752871									
15	2	19.0	90	1165	1948	0	10133651	9882348	10588229
779119									
16	2	19.0	65	1722	1876	0	10915883	10588230	11294111
823044									
17	2	19.0	84	1849	1701	0	11742525	11294112	11999993
Total number of pulses in waveform = 35									



Waveform Num = 11

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
877221											
1	3	5.0	51	1996	1014	1662	877221	0	1499999		
719393											
2	2	5.0	90	1236	1381	0	1601286	1500000	2999999		
1993093											
3	1	5.0	76	1118	0	0	3596996	3000000	4499999		
2071358											
4	1	5.0	78	1112	0	0	5669472	4500000	5999999		
1377903											
5	2	5.0	71	1538	1100	0	7048487	6000000	7499999		
881900											
6	3	5.0	52	1463	1086	1568	7933025	7500000	8999999		
1672582											
7	3	5.0	89	1768	1104	1166	9609724	9000000	10499999		
1937191											
8	3	5.0	85	1501	1268	1330	11550953	10500000	11999999		

Total number of pulses in waveform = 18



Waveform Num = 12

Num of Bursts = 18

Burst Interval (us) = 666667.0

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	647960	2	20.0	59	1597	1049	0	647960	0	666666
2	421961	3	20.0	60	1398	1463	1656	1072567	666667	1333333
3	758565	2	20.0	53	1466	1304	0	1835649	1333334	2000000
4	776558	3	20.0	97	1711	1561	1463	2614977	2000001	2666667
5	292498	2	20.0	55	1119	1767	0	2912210	2666668	3333334
6	1005330	1	20.0	92	1986	0	0	3920426	3333335	4000001
7	739169	1	20.0	83	1555	0	0	4661581	4000002	4666668
8	19877	2	20.0	71	1066	1593	0	4683013	4666669	5333335
9	973292	1	20.0	68	1216	0	0	5658964	5333336	6000002
10	841756	3	20.0	100	1181	1407	1553	6501936	6000003	6666669
11	579066	3	20.0	83	1394	1012	1067	7085143	6666670	7333336
12	898424	1	20.0	54	1228	0	0	7987040	7333337	8000003



191157
13 1 20.0 94 1246 0 0 8179425 8000004 8666670
1143078
14 2 20.0 55 1097 1960 0 9323749 8666671 9333337
608446
15 3 20.0 80 1808 1186 1625 9935252 9333338 10000004
402073
16 3 20.0 91 1332 1127 1197 10341944 10000005 10666671
520010
17 2 20.0 59 1616 1186 0 10865610 10666672 11333338
527722
18 1 20.0 84 1532 0 0 11396134 11333339 12000005

Total number of pulses in waveform = 36



Waveform Num = 13

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	372786	3	19.0	95	1334	1574	1479	372786	0	599999
2	685114	2	19.0	89	1170	1139	0	1062287	600000	1199999
3	268902	2	19.0	65	1533	1131	0	1333498	1200000	1799999
4	517196	3	19.0	67	1509	1291	1792	1853358	1800000	2399999
5	1119445	1	19.0	83	1319	0	0	2977395	2400000	2999999
6	440939	2	19.0	89	1884	1955	0	3419653	3000000	3599999
7	741377	1	19.0	55	1828	0	0	4164869	3600000	4199999
8	174656	2	19.0	56	1657	1017	0	4341353	4200000	4799999
9	895210	2	19.0	80	1413	1742	0	5239237	4800000	5399999
10	624031	1	19.0	56	1591	0	0	5866423	5400000	5999999
11	281972	2	19.0	97	1698	1707	0	6149986	6000000	6599999
12	465933	2	19.0	76	1760	1908	0	6619324	6600000	7199999



1144167									
13	2	19.0	57	1402	1135	0	7767159	7200000	7799999
488563									
14	2	19.0	73	1733	1482	0	8258259	7800000	8399999
460329									
15	1	19.0	63	1946	0	0	8721803	8400000	8999999
743214									
16	2	19.0	83	1934	1512	0	9466963	9000000	9599999
694377									
17	2	19.0	98	1394	1374	0	10164786	9600000	10199999
574432									
18	2	19.0	74	1199	1030	0	10741986	10200000	10799999
243763									
19	1	19.0	96	1718	0	0	10987978	10800000	11399999
616377									
20	1	19.0	95	1332	0	0	11606073	11400000	11999999
Total number of pulses in waveform = 36									



Waveform Num = 14

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
130681										
1	1	1	16.0	86	1500	0	0	130681	0	1199999
2261556										
2	1	1	16.0	76	1243	0	0	2393737	1200000	2399999
577531										
3	3	3	16.0	82	1849	1841	1727	2972511	2400000	3599999
1756368										
4	2	2	16.0	55	1487	1614	0	4734296	3600000	4799999
597228										
5	3	3	16.0	64	1507	1256	1297	5334625	4800000	5999999
1756647										
6	1	1	16.0	95	1956	0	0	7095332	6000000	7199999
1161449										
7	2	2	16.0	63	1759	1595	0	8258737	7200000	8399999
1085166										
8	2	2	16.0	76	1739	1451	0	9347257	8400000	9599999
810095										
9	1	1	16.0	58	1603	0	0	10160542	9600000	10799999
1154798										
10	2	2	16.0	60	1055	1606	0	11316943	10800000	11999999

Total number of pulses in waveform = 18



Waveform Num = 15

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)
	325570									
1	2	14.0	94	1622	1112	0	325570	0	799999	
	531009									
2	3	14.0	81	1648	1994	1751	859313	800000	1599999	
	816967									
3	2	14.0	82	1169	1796	0	1681673	1600000	2399999	
	1114171									
4	1	14.0	86	1691	0	0	2798809	2400000	3199999	
	583031									
5	2	14.0	98	1046	1918	0	3383531	3200000	3999999	
	914517									
6	1	14.0	89	1566	0	0	4301012	4000000	4799999	
	835667									
7	3	14.0	65	1680	1333	1060	5138245	4800000	5599999	
	697438									
8	3	14.0	68	1387	1462	1696	5839756	5600000	6399999	
	983131									
9	1	14.0	64	1865	0	0	6827432	6400000	7199999	
	851829									
10	3	14.0	61	1689	1884	1377	7681126	7200000	7999999	
	1062661									
11	3	14.0	92	1387	1922	1439	8748737	8000000	8799999	
	745791									
12	1	14.0	57	1184	0	0	9499276	8800000	9599999	



876670

13 3 14.0 99 1310 1458 1077 10377130 9600000 10399999

262946

14 1 14.0 77 1767 0 0 10643921 10400000 11199999

1041209

15 2 14.0 60 1831 1011 0 11686897 11200000 11999999

Total number of pulses in waveform = 31



Waveform Num = 16

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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)
1276871										
1	3	16.0	73	1498	1791	1849	1276871	0	1333332	
934370										
2	1	16.0	96	1658	0	0	2216379	1333333	2666665	
767572										
3	2	16.0	88	1597	1541	0	2985609	2666666	3999998	
2122360										
4	1	16.0	76	1662	0	0	5111107	3999999	5333331	
1347945										
5	2	16.0	68	1612	1978	0	6460714	5333332	6666664	
956719										
6	3	16.0	75	1856	1133	1577	7421023	6666665	7999997	
1722253										
7	2	16.0	70	1856	1791	0	9147842	7999998	9333330	
1258680										
8	1	16.0	76	1497	0	0	10410169	9333331	10666663	
936784										
9	3	16.0	86	1351	1542	1425	11348450	10666664	11999996	

Total number of pulses in waveform = 18



Waveform Num = 17

Num of Bursts = 18

Burst Interval (us) = 666667.0

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)
	348561									
1	3	17.0	61	1525	1537	1635	348561	0	666666	
	594845									
2	3	17.0	64	1530	1208	1257	948103	666667	1333333	
	1008688									
3	2	17.0	86	1020	1524	0	1960786	1333334	2000000	
	465394									
4	2	17.0	97	1812	1374	0	2428724	2000001	2666667	
	478506									
5	2	17.0	99	1066	1755	0	2910416	2666668	3333334	
	466732									
6	2	17.0	95	1353	1569	0	3379969	3333335	4000001	
	1054810									
7	2	17.0	58	1127	1027	0	4437701	4000002	4666668	
	266966									
8	1	17.0	84	1368	0	0	4706821	4666669	5333335	
	877855									
9	2	17.0	77	1447	1835	0	5586044	5333336	6000002	
	1027787									
10	1	17.0	77	1057	0	0	6617113	6000003	6666669	
	95718									
11	1	17.0	69	1483	0	0	6713888	6666670	7333336	
	838123									
12	3	17.0	77	1400	1253	1365	7553494	7333337	8000003	



589571
13 3 17.0 73 1654 1274 1608 8147083 8000004 8666670
785544
14 1 17.0 93 1045 0 0 8937163 8666671 9333337
618674
15 3 17.0 66 1888 1071 1173 9556882 9333338 10000004
569202
16 1 17.0 53 1068 0 0 10130216 10000005 10666671
663740
17 2 17.0 83 1378 1708 0 10795024 10666672 11333338
683877
18 2 17.0 91 1280 1568 0 11481987 11333339 12000005

Total number of pulses in waveform = 36



Waveform Num = 18

Num of Bursts = 14

Burst Interval (us) = 857143.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	657823										
1	3	7.0	67	1831	1633	1549	657823	0	857142		
	870266										
2	1	7.0	81	1688	0	0	1533102	857143	1714285		
	459915										
3	1	7.0	82	1631	0	0	1994705	1714286	2571428		
	1406499										
4	3	7.0	50	1890	1378	1375	3402835	2571429	3428571		
	620178										
5	2	7.0	53	1813	1021	0	4027656	3428572	4285714		
	1044290										
6	2	7.0	65	1128	1277	0	5074780	4285715	5142857		
	235100										
7	2	7.0	94	1104	1753	0	5312285	5142858	6000000		
	1129434										
8	2	7.0	93	1455	1565	0	6444576	6000001	6857143		
	1028043										
9	1	7.0	83	1259	0	0	7475639	6857144	7714286		
	988209										
10	2	7.0	69	1920	1449	0	8465107	7714287	8571429		
	350152										
11	1	7.0	89	1865	0	0	8818628	8571430	9428572		
	1337337										
12	3	7.0	67	1402	1045	1669	10157830	9428573	10285715		



514571

13 1 7.0 85 1081 0 0 10676517 10285716 11142858

1185109

14 1 7.0 59 1013 0 0 11862707 11142859 12000001

Total number of pulses in waveform = 25



Waveform Num = 19

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	731628	1	6.0	99	1665	0	0	731628	0	999999	
2	949563	3	6.0	95	1559	1645	1400	1682856	1000000	1999999	
3	1076002	3	6.0	96	1233	1461	1278	2763462	2000000	2999999	
4	643745	3	6.0	95	1914	1684	1242	3411179	3000000	3999999	
5	994281	2	6.0	81	1255	1585	0	4410300	4000000	4999999	
6	739421	2	6.0	55	1134	1443	0	5152561	5000000	5999999	
7	1678176	2	6.0	76	1716	1028	0	6833314	6000000	6999999	
8	1156181	1	6.0	80	1156	0	0	7992239	7000000	7999999	
9	61774	3	6.0	81	1359	1619	1802	8055169	8000000	8999999	
10	1483376	3	6.0	73	1259	1415	1650	9543325	9000000	9999999	
11	787284	1	6.0	74	1396	0	0	10334933	10000000	10999999	
12	1370625	2	6.0	93	1303	1804	0	11706954	11000000	11999999	



Total number of pulses in waveform = 26



Waveform Num = 20

Num of Bursts = 13

Burst Interval (us) = 923077.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	532656	2	5.0	63	1203	1401	0	532656	0	923076	
2	917280	2	5.0	73	1948	1693	0	1452540	923077	1846153	
3	1299096	3	5.0	95	1370	1094	1251	2755277	1846154	2769230	
4	564893	2	5.0	66	1225	1528	0	3323885	2769231	3692307	
5	781741	3	5.0	54	1079	1546	1515	4108379	3692308	4615384	
6	1100894	3	5.0	91	1240	1749	1908	5213413	4615385	5538461	
7	456632	1	5.0	61	1075	0	0	5674942	5538462	6461538	
8	1512380	1	5.0	81	1993	0	0	7188397	6461539	7384615	
9	1079507	3	5.0	58	1515	1896	1172	8269897	7384616	8307692	
10	781815	1	5.0	68	1085	0	0	9056295	8307693	9230769	
11	497769	3	5.0	94	1419	1336	1583	9555149	9230770	10153846	
12	672224	1	5.0	87	1998	0	0	10231711	10153847	11076923	



1434448

13 3 5.0 96 1561 1661 1510 11668157 11076924 12000000

Total number of pulses in waveform = 28



Waveform Num = 21

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)
	687140									
1	1	1	15.0	79	1838	0	0	687140	0	999999
	834500									
2	2	2	15.0	52	1344	1569	0	1523478	1000000	1999999
	759785									
3	3	3	15.0	64	1255	1592	1026	2286176	2000000	2999999
	1086050									
4	3	3	15.0	97	1874	1259	1882	3376099	3000000	3999999
	1094357									
5	1	1	15.0	80	1575	0	0	4475471	4000000	4999999
	1503191									
6	2	2	15.0	77	1430	1557	0	5980237	5000000	5999999
	652985									
7	1	1	15.0	74	1473	0	0	6636209	6000000	6999999
	821216									
8	1	1	15.0	100	1281	0	0	7458898	7000000	7999999
	1473873									
9	2	2	15.0	68	1573	1111	0	8934052	8000000	8999999
	241721									
10	3	3	15.0	89	1563	1287	1373	9178457	9000000	9999999
	1308368									
11	3	3	15.0	69	1045	1525	1379	10491048	10000000	10999999
	563378									
12	1	1	15.0	70	1338	0	0	11058375	11000000	11999999

Total number of pulses in waveform = 23



Waveform Num = 22

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)
	26217									
1	2	9.0	96	1902	1458	0	26217	0	599999	
	945614									
2	1	9.0	62	1149	0	0	975191	600000	1199999	
	353578									
3	2	9.0	51	1570	1149	0	1329918	1200000	1799999	
	540929									
4	1	9.0	81	1930	0	0	1873566	1800000	2399999	
	688535									
5	3	9.0	84	1041	1207	1737	2564031	2400000	2999999	
	514492									
6	1	9.0	60	1086	0	0	3082508	3000000	3599999	
	909062									
7	1	9.0	74	1145	0	0	3992656	3600000	4199999	
	713272									
8	2	9.0	83	1519	1725	0	4707073	4200000	4799999	
	566557									
9	1	9.0	69	1060	0	0	5276874	4800000	5399999	
	583011									
10	3	9.0	74	1209	1647	1047	5860945	5400000	5999999	
	493852									
11	3	9.0	91	1478	1766	1564	6358700	6000000	6599999	
	740483									
12	3	9.0	59	1246	1431	1730	7103991	6600000	7199999	



472308										
13	1	9.0	100	1938	0	0	7580706	7200000	7799999	
326253										
14	1	9.0	72	1713	0	0	7908897	7800000	8399999	
602156										
15	2	9.0	68	1446	1660	0	8512766	8400000	8999999	
556436										
16	2	9.0	56	1668	1654	0	9072308	9000000	9599999	
753424										
17	2	9.0	56	1762	1626	0	9829054	9600000	10199999	
764735										
18	3	9.0	97	1061	1278	1992	10597177	10200000	10799999	
347531										
19	1	9.0	50	1036	0	0	10949039	10800000	11399999	
779779										
20	2	9.0	55	1139	1280	0	11729854	11400000	11999999	
Total number of pulses in waveform = 37										



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	51171	2	15.0	53	1223	1806	0	51171	0	631578
2	1063024	1	15.0	80	1952	0	0	1117224	631579	1263157
3	642894	1	15.0	54	1675	0	0	1762070	1263158	1894736
4	468465	3	15.0	68	1842	1786	1041	2232210	1894737	2526315
5	822458	1	15.0	54	1231	0	0	3059337	2526316	3157894
6	602029	1	15.0	50	1245	0	0	3662597	3157895	3789473
7	390756	2	15.0	91	1611	1442	0	4054598	3789474	4421052
8	651060	1	15.0	65	1400	0	0	4708711	4421053	5052631
9	808046	3	15.0	61	1076	1741	1753	5518157	5052632	5684210
10	604688	2	15.0	74	1553	1488	0	6127415	5684211	6315789
11	664659	1	15.0	69	1288	0	0	6795115	6315790	6947368
12	670464	2	15.0	78	1568	1089	0	7466867	6947369	7578947



212899										
13	1	15.0	54	1989	0	0	7682423	7578948	8210526	
556199										
14	1	15.0	87	1624	0	0	8240611	8210527	8842105	
955428										
15	3	15.0	87	1310	1506	1270	9197663	8842106	9473684	
304756										
16	1	15.0	74	1746	0	0	9506505	9473685	10105263	
963402										
17	1	15.0	77	1283	0	0	10471653	10105264	10736842	
770538										
18	2	15.0	82	1590	1978	0	11243474	10736843	11368421	
168347										
19	1	15.0	100	1415	0	0	11415389	11368422	12000000	

Total number of pulses in waveform = 30



Waveform Num = 24

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)
418204										
1	2	11.0	92	1463	1052	0	418204	0	999999	
1227255										
2	2	11.0	98	1788	1243	0	1647974	1000000	1999999	
372957										
3	2	11.0	74	1997	1634	0	2023962	2000000	2999999	
1858200										
4	1	11.0	76	1645	0	0	3885793	3000000	3999999	
150804										
5	1	11.0	85	1696	0	0	4038242	4000000	4999999	
1404459										
6	3	11.0	80	1916	1833	1708	5444397	5000000	5999999	
1211952										
7	1	11.0	77	1558	0	0	6661806	6000000	6999999	
1071017										
8	2	11.0	59	1771	1014	0	7734381	7000000	7999999	
926710										
9	2	11.0	89	1348	1313	0	8663876	8000000	8999999	
1129664										
10	1	11.0	54	1671	0	0	9796201	9000000	9999999	
810130										
11	3	11.0	71	1584	1348	1066	10608002	10000000	10999999	
491552										
12	3	11.0	75	1583	1661	1907	11103552	11000000	11999999	



Compliance Testing, LLC
Testing since 1963

Total number of pulses in waveform = 23



Waveform Num = 25

Num of Bursts = 8

Burst Interval (us) = 1500000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	Pulse 1 (us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
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975880

1	3	16.0	80	1098	1818	1630	975880	0	1499999
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1533288

2	1	16.0	58	1156	0	0	2513714	1500000	2999999
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529352

3	3	16.0	86	1981	1960	1585	3044222	3000000	4499999
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2024706

4	2	16.0	77	1943	1344	0	5074454	4500000	5999999
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1683267

5	1	16.0	67	1587	0	0	6761008	6000000	7499999
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1832671

6	2	16.0	56	1265	1779	0	8595266	7500000	8999999
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1064448

7	3	16.0	88	1954	1887	1099	9662758	9000000	10499999
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1830310

8	3	16.0	98	1674	1804	1019	11498008	10500000	11999999
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Total number of pulses in waveform = 18



Waveform Num = 26

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	198429	3	17.0	51	1875	1074	1377	198429	0	749999
2	1152204	3	17.0	99	1464	1892	1290	1354959	750000	1499999
3	725012	1	17.0	59	1831	0	0	2084617	1500000	2249999
4	227161	3	17.0	59	1279	1360	1783	2313609	2250000	2999999
5	1083780	3	17.0	77	1185	1351	1218	3401811	3000000	3749999
6	487982	3	17.0	89	1423	1540	1711	3893547	3750000	4499999
7	1011814	3	17.0	73	1414	1617	1163	4910035	4500000	5249999
8	886716	3	17.0	85	1690	1014	1481	5800945	5250000	5999999
9	519879	3	17.0	92	1474	1201	1264	6325009	6000000	6749999
10	517591	1	17.0	83	1115	0	0	6846539	6750000	7499999
11	755286	2	17.0	58	1674	1009	0	7602940	7500000	8249999
12	766909	1	17.0	96	1758	0	0	8372532	8250000	8999999



940753

13 2 17.0 64 1780 1025 0 9315043 9000000 9749999

997280

14 3 17.0 76 1674 1970 1244 10315128 9750000 10499999

842442

15 1 17.0 58 1025 0 0 11162458 10500000 11249999

321816

16 2 17.0 62 1812 1939 0 11485299 11250000 11999999

Total number of pulses in waveform = 37



Waveform Num = 27

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
30486											
1	1	7.0	82	1449	0	0	30486	0	749999		
1445234											
2	2	7.0	50	1809	1782	0	1477169	750000	1499999		
101637											
3	2	7.0	54	1723	1816	0	1582397	1500000	2249999		
1155752											
4	1	7.0	72	1268	0	0	2741688	2250000	2999999		
737338											
5	3	7.0	66	1280	1597	1737	3480294	3000000	3749999		
799533											
6	3	7.0	58	1515	1814	1435	4284441	3750000	4499999		
887586											
7	3	7.0	99	1353	1540	1915	5176791	4500000	5249999		
273780											
8	2	7.0	54	1403	1106	0	5455379	5250000	5999999		
650392											
9	2	7.0	64	1616	1605	0	6108280	6000000	6749999		
1257028											
10	1	7.0	66	1005	0	0	7368529	6750000	7499999		
336156											
11	3	7.0	67	1081	1458	1304	7705690	7500000	8249999		
603287											
12	1	7.0	70	1423	0	0	8312820	8250000	8999999		



1249645

13 1 7.0 85 1724 0 0 9563888 9000000 9749999

691428

14 2 7.0 82 1432 1556 0 10257040 9750000 10499999

768997

15 1 7.0 80 1658 0 0 11029025 10500000 11249999

463172

16 2 7.0 70 1560 1436 0 11493855 11250000 11999999

Total number of pulses in waveform = 30



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)	
307240											
1	1	1	13.0	77	1417	0	0	307240	0	631578	
686547											
2	1	1	13.0	99	1135	0	0	995204	631579	1263157	
588458											
3	3	3	13.0	70	1092	1672	1280	1584797	1263158	1894736	
866690											
4	3	3	13.0	95	1259	1193	1946	2455531	1894737	2526315	
92290											
5	2	2	13.0	61	1320	1290	0	2552219	2526316	3157894	
744845											
6	3	3	13.0	83	1331	1349	1822	3299674	3157895	3789473	
1100570											
7	2	2	13.0	67	1663	1790	0	4404746	3789474	4421052	
56965											
8	3	3	13.0	97	1606	1207	1607	4465164	4421053	5052631	
681015											
9	1	1	13.0	86	1166	0	0	5150599	5052632	5684210	
820207											
10	1	1	13.0	68	1394	0	0	5971972	5684211	6315789	
550362											
11	1	1	13.0	62	1101	0	0	6523728	6315790	6947368	
896012											
12	2	2	13.0	76	1555	1037	0	7420841	6947369	7578947	



698929
13 1 13.0 74 1666 0 0 8122362 7578948 8210526
293728
14 3 13.0 68 1978 1695 1704 8417756 8210527 8842105
587933
15 3 13.0 80 1766 1130 1833 9011066 8842106 9473684
1033559
16 1 13.0 56 1024 0 0 10049354 9473685 10105263
145231
17 3 13.0 52 1972 1301 1241 10195609 10105264 10736842
926625
18 3 13.0 70 1711 1940 1348 11126748 10736843 11368421
741115
19 1 13.0 94 1024 0 0 11872862 11368422 12000000

Total number of pulses in waveform = 38



Waveform Num = 29

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	401091	1	14.0	94	1805	0	0	401091	0	631578
2	300997	3	14.0	99	1116	1694	1386	703893	631579	1263157
3	834722	2	14.0	88	1756	1469	0	1542811	1263158	1894736
4	856980	1	14.0	88	1061	0	0	2403016	1894737	2526315
5	266303	1	14.0	63	1686	0	0	2670380	2526316	3157894
6	626909	2	14.0	56	1584	1915	0	3298975	3157895	3789473
7	757352	1	14.0	81	1516	0	0	4059826	3789474	4421052
8	781799	3	14.0	92	1994	1343	1023	4843141	4421053	5052631
9	590697	3	14.0	63	1859	1238	1281	5438198	5052632	5684210
10	305809	2	14.0	66	1357	1929	0	5748385	5684211	6315789
11	760464	3	14.0	59	1315	1273	1364	6512135	6315790	6947368
12	519256	2	14.0	54	1693	1018	0	7035343	6947369	7578947



858182									
13	2	14.0	94	1991	1290	0	7896236	7578948	8210526
617470									
14	3	14.0	91	1842	1519	1209	8516987	8210527	8842105
874963									
15	3	14.0	50	1883	1666	1160	9396520	8842106	9473684
546073									
16	2	14.0	93	1400	1253	0	9947302	9473685	10105263
556281									
17	2	14.0	71	1273	1845	0	10506236	10105264	10736842
658850									
18	3	14.0	94	1851	1255	1911	11168204	10736843	11368421
313882									
19	3	14.0	98	1535	1119	1126	11487103	11368422	12000000

Total number of pulses in waveform = 42



Waveform Num = 30

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	539991										
1	3	9.0	57	1865	1402	1343	539991	0	799999		
	949670										
2	1	9.0	61	1496	0	0	1494271	800000	1599999		
	697502										
3	3	9.0	96	1961	1256	1852	2193269	1600000	2399999		
	353071										
4	1	9.0	84	1385	0	0	2551409	2400000	3199999		
	964488										
5	3	9.0	52	1456	1635	1854	3517282	3200000	3999999		
	969059										
6	2	9.0	60	1583	1527	0	4491286	4000000	4799999		
	423173										
7	3	9.0	80	1873	1273	1165	4917569	4800000	5599999		
	696688										
8	3	9.0	94	1222	1733	1905	5618568	5600000	6399999		
	907427										
9	3	9.0	58	1434	1050	1569	6530855	6400000	7199999		
	927946										
10	2	9.0	88	1270	1050	0	7462854	7200000	7999999		
	1238612										
11	3	9.0	51	1425	1976	1172	8703786	8000000	8799999		
	219632										
12	2	9.0	58	1926	1064	0	8927991	8800000	9599999		



928915

13 3 9.0 79 1660 1324 1519 9859896 9600000 10399999

952695

14 2 9.0 95 1132 1134 0 10817094 10400000 11199999

1046028

15 3 9.0 93 1499 1302 1721 11865388 11200000 11999999

Total number of pulses in waveform = 37



80 MHz Bandwidth

Waveform Num = 1

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)
377262										
1	1	1	14.0	62	1625	0	0	377262	0	999999
1377463										
2	2	2	14.0	64	1771	1714	0	1756350	1000000	1999999
1131108										
3	3	3	14.0	95	1048	1207	1954	2890943	2000000	2999999
859175										
4	2	2	14.0	80	1114	1393	0	3754327	3000000	3999999
245825										
5	2	2	14.0	67	1244	1234	0	4002659	4000000	4999999
1978866										
6	1	1	14.0	100	1467	0	0	5984003	5000000	5999999
959535										
7	3	3	14.0	50	1825	1272	1297	6945005	6000000	6999999
192526										
8	2	2	14.0	72	1120	1762	0	7141925	7000000	7999999
1024272										
9	1	1	14.0	94	1220	0	0	8169079	8000000	8999999
1470531										
10	2	2	14.0	54	1665	1699	0	9640830	9000000	9999999
1297614										



11	3	14.0	65	1243	1927	1199	10941808	10000000	10999999
319202									
12	2	14.0	91	1069	1528	0	11265379	11000000	11999999

Total number of pulses in waveform = 24



Waveform Num = 2

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)
	397815									
1	3	10.0	89	1708	1305	1931	397815	0	749999	
	562964									
2	2	10.0	94	1977	1077	0	965723	750000	1499999	
	888207									
3	3	10.0	60	1057	1810	1844	1856984	1500000	2249999	
	754869									
4	3	10.0	83	1237	1479	1313	2616564	2250000	2999999	
	682749									
5	3	10.0	93	1314	1828	1006	3303342	3000000	3749999	
	646996									
6	3	10.0	72	1755	1546	1307	3954486	3750000	4499999	
	741513									
7	3	10.0	80	1095	1899	1555	4700607	4500000	5249999	
	672713									
8	3	10.0	63	1411	1241	1563	5377869	5250000	5999999	
	708720									
9	2	10.0	69	1957	1310	0	6090804	6000000	6749999	
	915079									
10	3	10.0	62	1326	1645	1884	7009150	6750000	7499999	
	742034									
11	3	10.0	91	1875	1474	1973	7756039	7500000	8249999	
	532820									
12	3	10.0	61	1814	1897	1593	8294181	8250000	8999999	



762001

13 1 10.0 86 1052 0 0 9061486 9000000 9749999

1174146

14 1 10.0 60 1003 0 0 10236684 9750000 10499999

373143

15 2 10.0 77 1522 1540 0 10610830 10500000 11249999

974251

16 1 10.0 89 1661 0 0 11588143 11250000 11999999

Total number of pulses in waveform = 39



Waveform Num = 3

Num of Bursts = 11

Burst Interval (us) = 1090909.0

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)
500984										
1	1	1	18.0	50	1114	0	0	500984	0	1090908
1220953										
2	1	1	18.0	83	1218	0	0	1723051	1090909	2181817
482552										
3	2	2	18.0	78	1486	1861	0	2206821	2181818	3272726
2097618										
4	2	2	18.0	56	1748	1950	0	4307786	3272727	4363635
109391										
5	3	3	18.0	92	1108	1891	1659	4420875	4363636	5454544
2036608										
6	2	2	18.0	92	1435	1498	0	6462141	5454545	6545453
167430										
7	3	3	18.0	53	1743	1642	1505	6632504	6545454	7636362
2080872										
8	3	3	18.0	100	1291	1626	1408	8718266	7636363	8727271
827802										
9	1	1	18.0	62	1019	0	0	9550393	8727272	9818180
1028860										
10	1	1	18.0	57	1999	0	0	10580272	9818181	10909089
430980										
11	3	3	18.0	77	1848	1159	1017	11013251	10909090	11999998

Total number of pulses in waveform = 22



Waveform Num = 4

Num of Bursts = 11

Burst Interval (us) = 1090909.0

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)
81384										
1	3	10.0	74	1247	1306	1775	81384	0	1090908	
1711379										
2	1	10.0	99	1220	0	0	1797091	1090909	2181817	
907529										
3	3	10.0	89	1340	1296	1410	2705840	2181818	3272726	
886475										
4	2	10.0	64	1047	1492	0	3596361	3272727	4363635	
823373										
5	3	10.0	62	1741	1438	1231	4422273	4363636	5454544	
1619675										
6	1	10.0	98	1463	0	0	6046358	5454545	6545453	
1274488										
7	2	10.0	59	1983	1384	0	7322309	6545454	7636362	
707718										
8	2	10.0	99	1239	1038	0	8033394	7636363	8727271	
1765788										
9	1	10.0	65	1674	0	0	9801459	8727272	9818180	
331328										
10	3	10.0	96	1387	1611	1298	10134461	9818181	10909089	
1295794										
11	3	10.0	59	1014	1845	1836	11434551	10909090	11999998	

Total number of pulses in waveform = 24



Waveform Num = 5

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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)
834018										
1	1	1	6.0	83	1103	0	0	834018	0	1333332
1740631										
2	1	1	6.0	74	1718	0	0	2575752	1333333	2666665
626643										
3	2	2	6.0	69	1946	1804	0	3204113	2666666	3999998
983032										
4	1	1	6.0	60	1630	0	0	4190895	3999999	5333331
1567018										
5	1	1	6.0	71	1042	0	0	5759543	5333332	6666664
1049971										
6	2	2	6.0	50	1776	1053	0	6810556	6666665	7999997
2504443										
7	1	1	6.0	69	1205	0	0	9317828	7999998	9333330
410666										
8	2	2	6.0	50	1793	1554	0	9729699	9333331	10666663
2090643										
9	1	1	6.0	93	1333	0	0	11823689	10666664	11999996

Total number of pulses in waveform = 12



Waveform Num = 6

Num of Bursts = 16

Burst Interval (us) = 750000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	338865	2	5.0	89	1805	1776	0	338865	0	749999	
2	676274	1	5.0	87	1363	0	0	1018720	750000	1499999	
3	1018185	3	5.0	90	1880	1578	1909	2038268	1500000	2249999	
4	215421	3	5.0	78	1186	1724	1804	2259056	2250000	2999999	
5	1199890	3	5.0	59	1833	1128	1648	3463660	3000000	3749999	
6	1015987	3	5.0	82	1322	1165	1743	4484256	3750000	4499999	
7	486202	2	5.0	84	1480	1368	0	4974688	4500000	5249999	
8	996081	3	5.0	58	1289	1594	1306	5973617	5250000	5999999	
9	304602	3	5.0	89	1535	1332	1816	6282408	6000000	6749999	
10	687951	1	5.0	80	1806	0	0	6975042	6750000	7499999	
11	794552	1	5.0	92	1126	0	0	7771400	7500000	8249999	
12	996540	2	5.0	76	1147	1607	0	8769066	8250000	8999999	



437471

13	2	5.0	71	1989	1185	0	9209291	9000000	9749999
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774658

14	2	5.0	55	1754	1685	0	9987123	9750000	10499999
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646771

15	3	5.0	68	1977	1896	1581	10637333	10500000	11249999
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1042551

16	3	5.0	55	1688	1761	1617	11685338	11250000	11999999
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Total number of pulses in waveform = 37



Waveform Num = 7

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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	267922	2	17.0	74	1872	1823	0	267922	0	1333332
2	1493181	1	17.0	68	1341	0	0	1764798	1333333	2666665
3	1778669	2	17.0	65	1515	1114	0	3544808	2666666	3999998
4	1595013	3	17.0	87	1329	1579	1180	5142450	3999999	5333331
5	344382	1	17.0	58	1635	0	0	5490920	5333332	6666664
6	1834563	1	17.0	97	1820	0	0	7327118	6666665	7999997
7	1413041	2	17.0	91	1893	1798	0	8741979	7999998	9333330
8	679385	3	17.0	73	1779	1200	1412	9425055	9333331	10666663
9	1526306	2	17.0	87	1299	1563	0	10955752	10666664	11999996

Total number of pulses in waveform = 17



Waveform Num = 8

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	2915	2	14.0	70	1004	1698	0	2915	0	599999
2	677763	1	14.0	56	1286	0	0	683380	600000	1199999
3	1012250	2	14.0	86	1043	1094	0	1696916	1200000	1799999
4	598212	1	14.0	60	1464	0	0	2297265	1800000	2399999
5	305346	3	14.0	73	1881	1383	1596	2604075	2400000	2999999
6	694078	3	14.0	95	1873	1887	1789	3303013	3000000	3599999
7	484171	2	14.0	68	1526	1416	0	3792733	3600000	4199999
8	800925	1	14.0	68	1865	0	0	4596600	4200000	4799999
9	638580	3	14.0	60	1764	1058	1649	5237045	4800000	5399999
10	161926	1	14.0	60	1205	0	0	5403442	5400000	5999999
11	878769	1	14.0	56	1836	0	0	6283416	6000000	6599999
12	394458	1	14.0	72	1230	0	0	6679710	6600000	7199999



943429									
13	1	14.0	90	1360	0	0	7624369	7200000	7799999
602128									
14	3	14.0	85	1132	1949	1313	8227857	7800000	8399999
755441									
15	1	14.0	68	1065	0	0	8987692	8400000	8999999
140720									
16	2	14.0	65	1814	1723	0	9129477	9000000	9599999
622677									
17	2	14.0	71	1421	1713	0	9755691	9600000	10199999
639353									
18	3	14.0	86	1191	1188	1919	10398178	10200000	10799999
874573									
19	3	14.0	88	1258	1020	1076	11277049	10800000	11399999
183869									
20	3	14.0	81	1730	1058	1722	11464272	11400000	11999999
Total number of pulses in waveform = 39									



Waveform Num = 9

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
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#	(us)	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval(us)	Interval(us)
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552512

1	2	11.0	98	1753	1639	0	552512	0	1333332	
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1682266

2	1	11.0	74	1306	0	0	2238170	1333333	2666665	
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1044102

3	2	11.0	55	1773	1360	0	3283578	2666666	3999998	
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1081662

4	2	11.0	60	1292	1017	0	4368373	3999999	5333331	
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1282468

5	3	11.0	61	1213	1017	1669	5653150	5333332	6666664	
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2322391

6	1	11.0	62	1376	0	0	7979440	6666665	7999997	
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1077953

7	2	11.0	87	1190	1112	0	9058769	7999998	9333330	
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1088909

8	2	11.0	94	1364	1030	0	10149980	9333331	10666663	
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1749655

9	1	11.0	66	1901	0	0	11902029	10666664	11999996	
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Total number of pulses in waveform = 16



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	78576	1	6.0	77	1838	0	0	78576	0	705881
2	785704	3	6.0	100	1042	1487	1256	866118	705882	1411763
3	1215209	1	6.0	93	1852	0	0	2085112	1411764	2117645
4	173876	3	6.0	57	1322	1547	1841	2260840	2117646	2823527
5	924049	3	6.0	98	1565	1648	1042	3189599	2823528	3529409
6	730405	2	6.0	80	1332	1165	0	3924259	3529410	4235291
7	724732	1	6.0	77	1585	0	0	4651488	4235292	4941173
8	319009	2	6.0	81	1964	1843	0	4972082	4941174	5647055
9	728953	3	6.0	76	1258	1590	1802	5704842	5647056	6352937
10	1182185	2	6.0	59	1932	1520	0	6891677	6352938	7058819
11	738644	3	6.0	98	1069	1973	1376	7633773	7058820	7764701
12	253333	2	6.0	62	1491	1062	0	7891524	7764702	8470583



809507

13 1 6.0 53 1208 0 0 8703584 8470584 9176465

815463

14 2 6.0 89 1835 1751 0 9520255 9176466 9882347

644875

15 3 6.0 94 1839 1038 1092 10168716 9882348 10588229

547230

16 2 6.0 76 1506 1911 0 10719915 10588230 11294111

627917

17 3 6.0 55 1752 1669 1639 11351249 11294112 11999993

Total number of pulses in waveform = 37



Waveform Num = 11

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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)
	164384									
1	3	8.0	84	1645	1373	1217	164384	0	1333332	
	1343614									
2	3	8.0	69	1681	1068	1313	1512233	1333333	2666665	
	1551445									
3	3	8.0	59	1204	1630	1414	3067740	2666666	3999998	
	1826155									
4	3	8.0	91	1829	1737	1668	4898143	3999999	5333331	
	1603952									
5	1	8.0	55	1718	0	0	6507329	5333332	6666664	
	1075589									
6	3	8.0	90	1140	1645	1583	7584636	6666665	7999997	
	1170789									
7	1	8.0	88	1417	0	0	8759793	7999998	9333330	
	857615									
8	3	8.0	74	1381	1984	1449	9618825	9333331	10666663	
	1738544									
9	1	8.0	65	1485	0	0	11362183	10666664	11999996	

Total number of pulses in waveform = 21



Waveform Num = 12

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	573805	1	9.0	95	1339	0	0	573805	0	749999
2	355645	3	9.0	65	1549	1384	1581	930789	750000	1499999
3	1050808	2	9.0	68	1285	1604	0	1986111	1500000	2249999
4	798389	3	9.0	61	1913	1139	1885	2787389	2250000	2999999
5	389483	3	9.0	68	1644	1972	1931	3181809	3000000	3749999
6	738666	2	9.0	57	1657	1644	0	3926022	3750000	4499999
7	1256492	1	9.0	83	1175	0	0	5185815	4500000	5249999
8	539591	2	9.0	93	1703	1255	0	5726581	5250000	5999999
9	494789	1	9.0	75	1086	0	0	6224328	6000000	6749999
10	581659	3	9.0	66	1304	1809	1399	6807073	6750000	7499999
11	1423702	3	9.0	76	1787	1555	1711	8235287	7500000	8249999
12	408014	1	9.0	60	1951	0	0	8648354	8250000	8999999



757061

13	2	9.0	54	1495	1922	0	9407366	9000000	9749999
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345138

14	2	9.0	64	1687	1981	0	9755921	9750000	10499999
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1022335

15	3	9.0	88	1566	1536	1939	10781924	10500000	11249999
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861969

16	2	9.0	96	1348	1670	0	11648934	11250000	11999999
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Total number of pulses in waveform = 34



Waveform Num = 13

Num of Bursts = 9

Burst Interval (us) = 1333333.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	187570	2	18.0	88	1996	1635	0	187570	0	1333332	
2	2087433	3	18.0	91	1382	1510	1501	2278634	1333333	2666665	
3	1198049	2	18.0	57	1854	1163	0	3481076	2666666	3999998	
4	1491264	1	18.0	85	1149	0	0	4975357	3999999	5333331	
5	1092354	1	18.0	81	1395	0	0	6068860	5333332	6666664	
6	612453	3	18.0	89	1148	1060	1446	6682708	6666665	7999997	
7	2379082	2	18.0	91	1259	1487	0	9065444	7999998	9333330	
8	1137394	2	18.0	77	1530	1592	0	10205584	9333331	10666663	
9	658762	3	18.0	96	1794	1907	1788	10867468	10666664	11999996	

Total number of pulses in waveform = 19



Waveform Num = 14

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	669033	3	11.0	70	1268	1153	1874	669033	0	705881
2	152015	2	11.0	68	1554	1705	0	825343	705882	1411763
3	1086694	1	11.0	75	1387	0	0	1915296	1411764	2117645
4	794543	2	11.0	50	1900	1804	0	2711226	2117646	2823527
5	342904	3	11.0	63	1310	1733	1355	3057834	2823528	3529409
6	730522	2	11.0	77	1899	1392	0	3792754	3529410	4235291
7	872476	2	11.0	53	1657	1149	0	4668521	4235292	4941173
8	383016	2	11.0	74	1265	1062	0	5054343	4941174	5647055
9	991872	3	11.0	53	1978	1404	1132	6048542	5647056	6352937
10	704689	2	11.0	58	1555	1890	0	6757745	6352938	7058819
11	991177	2	11.0	60	1502	1179	0	7752367	7058820	7764701
12	553544	3	11.0	79	1126	1454	1683	8308592	7764702	8470583



489279

13	1	11.0	69	1812	0	0	8802134	8470584	9176465
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847682

14	1	11.0	68	1795	0	0	9651628	9176466	9882347
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454834

15	3	11.0	61	1108	1718	1990	10108257	9882348	10588229
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574365

16	1	11.0	95	1419	0	0	10687438	10588230	11294111
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825181

17	1	11.0	90	1538	0	0	11514038	11294112	11999993
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Total number of pulses in waveform = 34



Waveform Num = 15

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	27466	2	9.0	82	1375	1877	0	27466	0	857142
2	1371469	2	9.0	89	1760	1385	0	1402187	857143	1714285
3	1074995	1	9.0	66	1375	0	0	2480327	1714286	2571428
4	446018	3	9.0	88	1558	1158	1712	2927720	2571429	3428571
5	1009479	2	9.0	78	1605	1657	0	3941627	3428572	4285714
6	792438	2	9.0	72	1276	1525	0	4737327	4285715	5142857
7	786206	1	9.0	64	1535	0	0	5526334	5142858	6000000
8	1114487	2	9.0	57	1803	1069	0	6642356	6000001	6857143
9	464158	1	9.0	80	1264	0	0	7109386	6857144	7714286
10	700060	3	9.0	90	1546	1435	1685	7810710	7714287	8571429
11	1250172	2	9.0	56	1226	1500	0	9065548	8571430	9428572
12	737251	1	9.0	78	1520	0	0	9805525	9428573	10285715



951569

13	1	9.0	88	1821	0	0	10758614	10285716	11142858
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472156

14	1	9.0	72	1465	0	0	11232591	11142859	12000001
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Total number of pulses in waveform = 24



Waveform Num = 16

Num of Bursts = 8

Burst Interval (us) = 1500000.0

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	271082	3	19.0	57	1329	1126	1458	271082	0	1499999
2	2326988	1	19.0	56	1957	0	0	2601983	1500000	2999999
3	1043966	3	19.0	68	1755	1238	1741	3647906	3000000	4499999
4	2063401	3	19.0	51	1377	1333	1230	5716041	4500000	5999999
5	1620753	3	19.0	96	1509	1190	1993	7340734	6000000	7499999
6	966723	2	19.0	99	1041	1179	0	8312149	7500000	8999999
7	828882	3	19.0	63	1017	1609	1256	9143251	9000000	10499999
8	2630972	1	19.0	88	1113	0	0	11778105	10500000	11999999

Total number of pulses in waveform = 19



Waveform Num = 17

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	684566	1	14.0	80	1774	0	0	684566	0	923076
2	1038766	3	14.0	54	1503	1279	1812	1725106	923077	1846153
3	949120	2	14.0	70	1311	1991	0	2678820	1846154	2769230
4	170001	2	14.0	85	1071	1058	0	2852123	2769231	3692307
5	1282720	1	14.0	63	1080	0	0	4136972	3692308	4615384
6	832423	3	14.0	69	1748	1084	1804	4970475	4615385	5538461
7	1081931	1	14.0	66	1494	0	0	6057042	5538462	6461538
8	893101	2	14.0	91	1933	1954	0	6951637	6461539	7384615
9	790255	3	14.0	86	1499	1894	1838	7745779	7384616	8307692
10	1254167	2	14.0	95	1477	1439	0	9005177	8307693	9230769
11	1068601	1	14.0	58	1801	0	0	10076694	9230770	10153846
12	820936	3	14.0	61	1831	1677	1197	10899431	10153847	11076923



385854

13 3 14.0 52 1499 1352 1627 11289990 11076924 12000000

Total number of pulses in waveform = 27



Waveform Num = 18

Num of Bursts = 15

Burst Interval (us) = 800000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	657432	3	8.0	78	1254	1969	1141	657432	0	799999	
2	799462	1	8.0	79	1075	0	0	1461258	800000	1599999	
3	541886	3	8.0	84	1760	1215	1352	2004219	1600000	2399999	
4	441215	2	8.0	69	1396	1005	0	2449761	2400000	3199999	
5	949211	2	8.0	61	1979	1726	0	3401373	3200000	3999999	
6	1209962	1	8.0	54	1901	0	0	4615040	4000000	4799999	
7	423062	2	8.0	94	1341	1213	0	5040003	4800000	5599999	
8	1300898	3	8.0	87	1927	1278	1129	6343455	5600000	6399999	
9	328158	3	8.0	59	1141	1152	1733	6675947	6400000	7199999	
10	694541	3	8.0	67	1508	1290	1488	7374514	7200000	7999999	
11	723331	2	8.0	53	1314	1397	0	8102131	8000000	8799999	
12	1328671	2	8.0	67	1083	1385	0	9433513	8800000	9599999	



698045

13 3 8.0 59 1242 1589 1627 10134026 9600000 10399999

717624

14 3 8.0 65 1081 1237 1981 10856108 10400000 11199999

1075673

15 2 8.0 96 1528 1317 0 11936080 11200000 11999999

Total number of pulses in waveform = 35



Waveform Num = 19

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)
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1	159325	1	20.0	85	1109	0	0	159325	0	1199999
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159325

2	1377721	3	20.0	57	1407	1868	1897	1538155	1200000	2399999
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1377721

3	975482	1	20.0	50	1422	0	0	2518809	2400000	3599999
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975482

4	2136978	1	20.0	79	1924	0	0	4657209	3600000	4799999
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2136978

5	546801	2	20.0	50	1498	1787	0	5205934	4800000	5999999
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546801

6	1854379	3	20.0	75	1916	1198	1729	7063598	6000000	7199999
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1854379

7	661078	3	20.0	61	1364	1499	1411	7729519	7200000	8399999
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661078

8	925911	2	20.0	89	1779	1196	0	8659704	8400000	9599999
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925911

9	972956	3	20.0	80	1330	1681	1459	9635635	9600000	10799999
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972956

10	2022255	1	20.0	63	1895	0	0	11662360	10800000	11999999
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2022255

10	2022255	1	20.0	63	1895	0	0	11662360	10800000	11999999
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Total number of pulses in waveform = 20



Waveform Num = 20

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	180750	2	11.0	93	1579	1847	0	180750	0	631578
2	820977	3	11.0	79	1074	1135	1143	1005153	631579	1263157
3	372897	2	11.0	87	1483	1517	0	1381402	1263158	1894736
4	829168	3	11.0	70	1226	1931	1152	2213570	1894737	2526315
5	535948	2	11.0	52	1398	1567	0	2753827	2526316	3157894
6	704062	2	11.0	58	1278	1164	0	3460854	3157895	3789473
7	536057	2	11.0	82	1212	1506	0	3999353	3789474	4421052
8	438199	3	11.0	78	1381	1981	1710	4440270	4421053	5052631
9	1019629	3	11.0	58	1739	1453	1579	5464971	5052632	5684210
10	623820	3	11.0	83	1548	1167	1456	6093562	5684211	6315789
11	267015	2	11.0	100	1396	1183	0	6364748	6315790	6947368
12	896542	3	11.0	63	1633	1728	1174	7263869	6947369	7578947



621933
13 1 11.0 70 1760 0 0 7890337 7578948 8210526
373186
14 3 11.0 96 1228 1662 1396 8265283 8210527 8842105
961071
15 3 11.0 59 1305 1386 1746 9230640 8842106 9473684
759015
16 1 11.0 70 1901 0 0 9994092 9473685 10105263
351418
17 1 11.0 71 1236 0 0 10347411 10105264 10736842
998737
18 2 11.0 54 1903 1363 0 11347384 10736843 11368421
146054
19 2 11.0 90 1001 1179 0 11496704 11368422 12000000
Total number of pulses in waveform = 43



Waveform Num = 21

Num of Bursts = 12

Burst Interval (us) = 1000000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	891330										
1	3	6.0	77	1974	1190	1821	891330	0	999999		
	685485										
2	3	6.0	100	1555	1309	1708	1581800	1000000	1999999		
	1069091										
3	1	6.0	67	1439	0	0	2655463	2000000	2999999		
	834264										
4	2	6.0	51	1492	1692	0	3491166	3000000	3999999		
	1262174										
5	2	6.0	81	1995	1924	0	4756524	4000000	4999999		
	722450										
6	1	6.0	50	1815	0	0	5482893	5000000	5999999		
	1474565										
7	2	6.0	61	1934	1837	0	6959273	6000000	6999999		
	562841										
8	2	6.0	78	1357	1394	0	7525885	7000000	7999999		
	844763										
9	2	6.0	98	1525	1926	0	8373399	8000000	8999999		
	1617663										
10	1	6.0	60	1674	0	0	9994513	9000000	9999999		
	550582										
11	2	6.0	88	1854	1856	0	10546769	10000000	10999999		
	501555										
12	3	6.0	91	1249	1123	1641	11052034	11000000	11999999		



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Testing since 1963

Total number of pulses in waveform = 24



Waveform Num = 22

Num of Bursts = 10

Burst Interval (us) = 1200000.0

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
286547										
1	3	20.0	56	1337	1302	1578	286547	0	1199999	
1802288										
2	1	20.0	69	1172	0	0	2093052	1200000	2399999	
1071973										
3	3	20.0	82	1019	1221	1863	3166197	2400000	3599999	
1133945										
4	1	20.0	80	1419	0	0	4304245	3600000	4799999	
1445351										
5	2	20.0	67	1708	1864	0	5751015	4800000	5999999	
1258877										
6	1	20.0	99	1105	0	0	7013464	6000000	7199999	
476342										
7	1	20.0	57	1682	0	0	7490911	7200000	8399999	
1234505										
8	2	20.0	67	1255	1302	0	8727098	8400000	9599999	
1198240										
9	2	20.0	54	1749	1605	0	9927895	9600000	10799999	
1467812										
10	3	20.0	100	1545	1860	1555	11399061	10800000	11999999	

Total number of pulses in waveform = 19



Waveform Num = 23

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	196944	1	13.0	78	1920	0	0	196944	0	705881
2	1045908	2	13.0	88	1517	1171	0	1244772	705882	1411763
3	215267	3	13.0	71	1709	1835	1246	1462727	1411764	2117645
4	1140196	2	13.0	62	1026	1070	0	2607713	2117646	2823527
5	903523	2	13.0	95	1392	1627	0	3513332	2823528	3529409
6	406151	3	13.0	58	1138	1694	1323	3922502	3529410	4235291
7	347282	3	13.0	74	1280	1128	1949	4273939	4235292	4941173
8	1012253	2	13.0	99	1419	1482	0	5290549	4941174	5647055
9	644029	1	13.0	82	1307	0	0	5937479	5647056	6352937
10	861443	3	13.0	50	1096	1862	1580	6800229	6352938	7058819
11	790593	2	13.0	59	1248	1573	0	7595360	7058820	7764701
12	524048	3	13.0	87	1944	1546	1609	8122229	7764702	8470583



831010
13 3 13.0 77 1526 1522 1379 8958338 8470584 9176465
496883
14 1 13.0 74 1146 0 0 9459648 9176466 9882347
455762
15 3 13.0 96 1653 1943 1647 9916556 9882348 10588229
952946
16 2 13.0 66 1963 1944 0 10874745 10588230 11294111
1031606
17 3 13.0 89 1486 1956 1254 11910258 11294112 11999993
Total number of pulses in waveform = 39



1021034

13 2 16.0 60 1157 1162 0 11541292 11076924 12000000

Total number of pulses in waveform = 26



Waveform Num = 25

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	124866	2	18.0	60	1403	1973	0	124866	0	799999
2	1392638	2	18.0	97	1544	1894	0	1520880	800000	1599999
3	804235	3	18.0	95	1403	1697	1452	2328553	1600000	2399999
4	254220	2	18.0	59	1044	1140	0	2587325	2400000	3199999
5	741679	2	18.0	73	1484	1534	0	3331188	3200000	3999999
6	740883	3	18.0	81	1385	1981	1229	4075089	4000000	4799999
7	820481	2	18.0	80	1968	1807	0	4900165	4800000	5599999
8	1371500	3	18.0	74	1141	1373	1395	6275440	5600000	6399999
9	525638	3	18.0	96	1599	1642	1892	6804987	6400000	7199999
10	744870	1	18.0	53	1452	0	0	7554990	7200000	7999999
11	713131	3	18.0	56	1277	1692	1311	8269573	8000000	8799999
12	673912	2	18.0	52	1451	1419	0	8947765	8800000	9599999



1400369

13	3	18.0	59	1797	1823	1955	10351004	9600000	10399999
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310495

14	3	18.0	90	1412	1973	1661	10667074	10400000	11199999
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1124315

15	3	18.0	61	1539	1896	1064	11796435	11200000	11999999
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Total number of pulses in waveform = 37



Waveform Num = 26

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)
	108577									
1	2	16.0	65	1243	1373	0	108577	0	799999	
	1292824									
2	3	16.0	93	1502	1962	1502	1404017	800000	1599999	
	970766									
3	2	16.0	61	1974	1147	0	2379749	1600000	2399999	
	619465									
4	2	16.0	76	1085	1417	0	3002335	2400000	3199999	
	463162									
5	1	16.0	53	1491	0	0	3467999	3200000	3999999	
	1228950									
6	3	16.0	57	1933	1043	1903	4698440	4000000	4799999	
	246656									
7	1	16.0	88	1581	0	0	4949975	4800000	5599999	
	1261296									
8	2	16.0	94	1427	1814	0	6212852	5600000	6399999	
	793488									
9	2	16.0	96	1710	1731	0	7009581	6400000	7199999	
	639115									
10	3	16.0	83	1968	1283	1465	7652137	7200000	7999999	
	1114237									
11	1	16.0	88	1333	0	0	8771090	8000000	8799999	
	771771									
12	2	16.0	59	1596	1931	0	9544194	8800000	9599999	



188120

13 2 16.0 55 1225 1688 0 9735841 9600000 10399999

857646

14 3 16.0 57 1235 1669 1940 10596400 10400000 11199999

784154

15 2 16.0 65 1158 1877 0 11385398 11200000 11999999

Total number of pulses in waveform = 31



Waveform Num = 27

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	255674	3	5.0	81	1135	1563	1553	255674	0	705881
2	1071374	3	5.0	74	1724	1337	1872	1331299	705882	1411763
3	406287	2	5.0	72	1937	1573	0	1742519	1411764	2117645
4	895429	3	5.0	82	1156	1147	1599	2641458	2117646	2823527
5	848324	1	5.0	55	1352	0	0	3493684	2823528	3529409
6	688224	3	5.0	98	1552	1995	1637	4183260	3529410	4235291
7	488711	1	5.0	63	1429	0	0	4677155	4235292	4941173
8	334381	2	5.0	90	1647	1345	0	5012965	4941174	5647055
9	700931	3	5.0	64	1656	1583	1243	5716888	5647056	6352937
10	950847	3	5.0	86	1778	1297	1879	6672217	6352938	7058819
11	456278	1	5.0	88	1125	0	0	7133449	7058820	7764701
12	720091	2	5.0	74	1267	1417	0	7854665	7764702	8470583



777175

13 3 5.0 70 1513 1846 1082 8634524 8470584 9176465

987764

14 1 5.0 59 1443 0 0 9626729 9176466 9882347

316100

15 2 5.0 62 1517 1980 0 9944272 9882348 10588229

1164818

16 1 5.0 62 1830 0 0 11112587 10588230 11294111

446999

17 3 5.0 59 1662 1718 1759 11561416 11294112 11999993

Total number of pulses in waveform = 37



Waveform Num = 28

Num of Bursts = 9

Burst Interval (us) = 1333333.0

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)
951490										
1	2	18.0	90	1055	1339	0	951490	0	1333332	
953195										
2	1	18.0	98	1573	0	0	1907079	1333333	2666665	
2014486										
3	3	18.0	85	1595	1507	1236	3923138	2666666	3999998	
804954										
4	1	18.0	63	1476	0	0	4732430	3999999	5333331	
1655991										
5	2	18.0	61	1008	1016	0	6389897	5333332	6666664	
1083382										
6	2	18.0	60	1099	1861	0	7475303	6666665	7999997	
1698117										
7	2	18.0	59	1133	1065	0	9176380	7999998	9333330	
491636										
8	2	18.0	94	1983	1436	0	9670214	9333331	10666663	
2110448										
9	3	18.0	62	1302	1559	1909	11784081	10666664	11999996	

Total number of pulses in waveform = 18



Waveform Num = 29

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	470600	2	18.0	78	1251	1852	0	470600	0	857142
2	664888	2	18.0	65	1147	1196	0	1138591	857143	1714285
3	1247331	2	18.0	67	1395	1254	0	2388265	1714286	2571428
4	732681	3	18.0	85	1928	1906	1167	3123595	2571429	3428571
5	555738	2	18.0	89	1742	1930	0	3684334	3428572	4285714
6	1271261	1	18.0	93	1940	0	0	4959267	4285715	5142857
7	819069	2	18.0	89	1334	1574	0	5780276	5142858	6000000
8	461870	2	18.0	70	1607	1895	0	6245054	6000001	6857143
9	1084244	2	18.0	87	1465	1977	0	7332800	6857144	7714286
10	570658	3	18.0	84	1647	1384	1950	7906900	7714287	8571429
11	1137372	3	18.0	56	1661	1756	1082	9049253	8571430	9428572
12	1064918	1	18.0	51	1450	0	0	10118670	9428573	10285715



396155

13 3 18.0 97 1282 1884 1868 10516275 10285716 11142858

1188324

14 3 18.0 61 1049 1088 1758 11709633 11142859 12000001

Total number of pulses in waveform = 31



Waveform Num = 30

Num of Bursts = 20

Burst Interval (us) = 600000.0

Burst #	Off Time (us)	Time #	Chirp	PW (MHz)	Pulse 1 (us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	319704									
1	3	6.0	57	1386	1938	1378	319704	0	599999	
	715768									
2	1	6.0	50	1829	0	0	1040174	600000	1199999	
	371022									
3	3	6.0	99	1186	1323	1971	1413025	1200000	1799999	
	567994									
4	3	6.0	88	1730	1352	1835	1985499	1800000	2399999	
	858946									
5	3	6.0	50	1405	1938	1596	2849362	2400000	2999999	
	188545									
6	1	6.0	66	1855	0	0	3042846	3000000	3599999	
	1137255									
7	2	6.0	56	1814	1207	0	4181956	3600000	4199999	
	396422									
8	2	6.0	88	1377	1620	0	4581399	4200000	4799999	
	420840									
9	2	6.0	65	1020	1435	0	5005236	4800000	5399999	
	666694									
10	3	6.0	68	1947	1814	1601	5674385	5400000	5999999	
	823258									
11	1	6.0	96	1501	0	0	6503005	6000000	6599999	
	429467									
12	2	6.0	62	1963	1224	0	6933973	6600000	7199999	



805492									
13	3	6.0	57	1871	1294	1953	7742652	7200000	7799999
595951									
14	2	6.0	50	1945	1733	0	8343721	7800000	8399999
461976									
15	3	6.0	60	1889	1126	1623	8809375	8400000	8999999
687344									
16	2	6.0	77	1114	1737	0	9501357	9000000	9599999
364329									
17	2	6.0	71	1884	1733	0	9868537	9600000	10199999
503129									
18	2	6.0	68	1681	1156	0	10375283	10200000	10799999
475437									
19	2	6.0	58	1268	1662	0	10853557	10800000	11399999
706983									
20	2	6.0	86	1913	1877	0	11563470	11400000	11999999
Total number of pulses in waveform = 44									