

Waveform Parameters for FCC Long Pulse Radar Test Signal 5

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 1; Num of Bursts = 16; Burst Interval (us) = 750000.0; Total pulses in waveform = 33						
1	1	100	18	---	---	282425
2	2	65	10	1830	---	761371
3	3	55	16	1324	1814	1982399
4	1	70	16	---	---	2688478
5	1	90	15	---	---	3745292
6	1	85	15	---	---	3764368
7	3	80	8	1974	1924	5229663
8	1	50	12	---	---	5486845
9	2	55	20	1439	---	6543115
10	3	90	15	1474	1530	7441179
11	2	70	5	1996	---	7654495
12	3	100	19	1959	1147	8279248
13	3	75	20	1117	1565	9080373
14	2	70	8	1196	---	9856934
15	2	50	16	1836	---	11100297
16	3	95	12	1408	1491	11491499

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 2; Num of Bursts = 17; Burst Interval (us) = 705882.0; Total pulses in waveform = 33						
1	2	90	15	1917	---	409194
2	1	55	12	---	---	807671
3	3	95	6	1509	1589	1950367
4	2	95	15	1221	---	2349956
5	1	85	20	---	---	3224454
6	3	80	17	1450	1707	3655195
7	2	85	12	1361	---	4412160
8	3	80	8	1259	1711	5026191
9	3	70	12	1365	1816	5852309
10	3	70	16	1585	1478	6491890
11	1	85	14	---	---	7757839
12	2	65	6	1092	---	7841216
13	2	65	6	1366	---	8575954
14	2	90	14	1139	---	9778770
15	1	70	15	---	---	9960975
16	1	55	8	---	---	11007629
17	1	80	11	---	---	11571290

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 3; Num of Bursts = 10; Burst Interval (us) = 1200000.0; Total pulses in waveform = 18

1	1	75	14	---	---	683976
2	3	80	7	1657	1882	1440777
3	1	90	9	---	---	3435707
4	1	75	13	---	---	4765471
5	1	75	8	---	---	5513752
6	3	80	18	1614	1463	6495813
7	2	100	10	1957	---	8257094
8	3	55	15	1563	1105	8422343
9	1	60	7	---	---	9788339
10	2	55	8	1626	---	11567168

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 4; Num of Bursts = 19; Burst Interval (us) = 631579.0; Total pulses in waveform = 44

1	3	85	15	1653	1507	625278
2	3	100	9	1406	1815	804377
3	2	75	16	1738	---	1549510
4	2	60	15	1571	---	2450468
5	2	85	14	1813	---	3115683
6	3	85	15	1877	1454	3729419
7	2	85	9	1733	---	4014935
8	1	85	9	---	---	4450700
9	3	85	7	1385	1006	5527439
10	3	100	9	1620	1275	6048033
11	2	80	18	1289	---	6868352
12	2	65	12	1205	---	7031086
13	1	65	7	---	---	8148586
14	3	85	8	1828	1762	8439601
15	3	90	6	1419	1976	9373486
16	2	90	18	1221	---	10070556
17	3	50	10	1897	1747	10429232
18	3	75	20	1427	1855	10760193
19	1	55	17	---	---	11693320

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 5; Num of Bursts = 15; Burst Interval (us) = 800000.0; Total pulses in waveform = 26						
1	3	75	7	1117	1083	332240
2	3	100	17	1019	1518	1064559
3	2	60	11	1669	---	2261494
4	3	70	11	1716	1244	2434521
5	1	65	7	---	---	3829984
6	2	65	14	1059	---	4437578
7	1	75	18	---	---	4893425
8	1	70	14	---	---	5944673
9	1	65	9	---	---	6401334
10	3	95	20	1380	1718	7617467
11	2	65	15	1832	---	8286453
12	1	85	8	---	---	9079549
13	1	80	18	---	---	10298239
14	1	75	7	---	---	10540156
15	1	80	9	---	---	11624136

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 6; Num of Bursts = 10; Burst Interval (us) = 1200000.0; Total pulses in waveform = 24						
1	1	80	8	---	---	1010588
2	3	60	7	1086	1156	1251798
3	2	90	10	1167	---	2974322
4	3	80	16	1026	1981	4193827
5	3	90	18	1872	1939	4946564
6	2	85	13	1239	---	6485959
7	3	65	12	1872	1737	7975371
8	2	60	19	1237	---	8752617
9	2	85	18	1784	---	9803203
10	3	100	14	1301	1585	11473166

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 7; Num of Bursts = 9; Burst Interval (us) = 1333333.0; Total pulses in waveform = 21						
1	1	60	9	---	---	1026755
2	2	55	7	1012	---	2072368
3	3	70	16	1672	1965	3351704
4	3	70	16	1090	1217	4463126
5	3	65	12	1043	1959	6294237
6	3	50	14	1963	1294	7852474
7	2	55	19	1574	---	8709463
8	2	95	15	1347	---	10058331
9	2	90	7	1424	---	10756647

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 8; Num of Bursts = 15; Burst Interval (us) = 800000.0; Total pulses in waveform = 32						
1	3	75	14	1861	1172	316354
2	1	75	9	---	---	1208720
3	3	75	14	1103	1791	2184208
4	1	65	8	---	---	2761197
5	2	80	17	1214	---	3383397
6	3	55	18	1541	1097	4783415
7	3	85	8	1993	1501	5002780
8	2	50	11	1821	---	6375552
9	3	55	12	1518	1803	6691128
10	2	85	7	1891	---	7880236
11	2	95	7	1093	---	8741341
12	2	55	16	1048	---	9249950
13	2	80	11	1503	---	10075740
14	1	90	17	---	---	10622850
15	2	85	12	1200	---	11292717

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 9; Num of Bursts = 8; Burst Interval (us) = 1500000.0; Total pulses in waveform = 15						
1	1	55	8	---	---	504719
2	1	60	12	---	---	2213298
3	3	60	7	1510	1264	4275935
4	1	85	15	---	---	5442523
5	3	75	17	1898	1432	6870988
6	1	65	8	---	---	8069942
7	2	95	15	1080	---	9389493
8	3	90	14	1321	1417	11922167

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 10; Num of Bursts = 18; Burst Interval (us) = 666667.0; Total pulses in waveform = 29						
1	3	75	8	1343	1062	433988
2	2	55	8	1733	---	956952
3	1	85	13	---	---	1817303
4	1	60	14	---	---	2284848
5	3	75	6	1620	1837	3127053
6	1	55	16	---	---	3992030
7	2	85	15	1525	---	4288832
8	1	75	7	---	---	4829379
9	3	70	7	1308	1795	5728779
10	2	75	7	1255	---	6180463
11	1	100	18	---	---	6993565
12	1	90	14	---	---	7534960
13	1	100	17	---	---	8375349
14	1	85	7	---	---	8919102
15	2	90	16	1761	---	9402020
16	1	80	18	---	---	10504888
17	2	50	10	1113	---	10851957
18	1	75	18	---	---	11481082

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 11; Num of Bursts = 15; Burst Interval (us) = 800000.0; Total pulses in waveform = 26						
1	2	55	13	1893	---	385214
2	2	70	18	1224	---	1568212
3	3	80	15	1007	1352	1721058
4	1	55	8	---	---	2812518
5	3	50	19	1357	1752	3487300
6	1	85	17	---	---	4164120
7	2	70	20	1485	---	5224024
8	1	60	13	---	---	5819747
9	1	85	8	---	---	7101029
10	1	95	14	---	---	7364499
11	2	75	7	1276	---	8591271
12	2	50	6	1894	---	9213197
13	1	75	14	---	---	10341377
14	3	60	8	1218	1757	10435650
15	1	75	17	---	---	11974076

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 12; Num of Bursts = 12; Burst Interval (us) = 1000000.0; Total pulses in waveform = 22

1	2	100	19	1417	---	709175
2	3	50	9	1670	1484	1426756
3	2	55	15	1630	---	2923735
4	1	100	5	---	---	3572605
5	1	70	7	---	---	4603636
6	1	55	16	---	---	5121125
7	2	75	19	1583	---	6043001
8	2	65	10	1481	---	7203973
9	1	65	13	---	---	8029767
10	3	75	15	1019	1408	9615862
11	1	60	16	---	---	10228816
12	3	50	14	1994	1270	11239578

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 13; Num of Bursts = 19; Burst Interval (us) = 631579.0; Total pulses in waveform = 40

1	2	70	8	1430	---	345643
2	3	80	8	1097	1128	1033347
3	3	100	9	1605	1901	1757943
4	1	60	6	---	---	2332873
5	2	65	9	1524	---	2786283
6	3	55	12	1042	1225	3288556
7	3	50	10	1032	1887	4205855
8	2	60	10	1530	---	4773126
9	2	100	17	1215	---	5351191
10	3	95	13	1637	1667	6153314
11	2	100	15	1246	---	6507088
12	1	65	14	---	---	7541052
13	2	95	17	1246	---	8038416
14	1	85	14	---	---	8799780
15	2	85	6	1180	---	8857528
16	3	80	11	1373	1122	9867556
17	3	75	6	1558	1894	10416092
18	1	90	17	---	---	10937974
19	1	95	16	---	---	11926387

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 14; Num of Bursts = 20; Burst Interval (us) = 600000.0; Total pulses in waveform = 40

1	2	75	12	1478	---	27628
2	1	75	7	---	---	930001
3	1	85	6	---	---	1265389
4	2	60	11	1961	---	2157071
5	1	70	20	---	---	2747236
6	2	75	6	1991	---	3274426
7	2	80	6	1405	---	4147719
8	1	90	11	---	---	4550647
9	2	65	11	1305	---	5166111
10	1	70	14	---	---	5658543
11	3	80	11	1386	1857	6535868
12	2	65	8	1451	---	6828907
13	2	100	5	1599	---	7377803
14	1	95	17	---	---	8131230
15	3	80	11	1588	1732	8457061
16	2	85	15	1819	---	9214357
17	3	80	10	1356	1992	9884228
18	3	85	9	1759	1581	10744147
19	3	55	13	1991	1543	11084348
20	3	50	8	1518	1723	11482540

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 15; Num of Bursts = 14; Burst Interval (us) = 857143.0; Total pulses in waveform = 22

1	1	75	19	---	---	161224
2	1	100	14	---	---	1220115
3	3	75	20	1791	1217	1973730
4	1	55	12	---	---	2877901
5	1	90	10	---	---	3725141
6	1	80	13	---	---	5127821
7	1	65	14	---	---	5400288
8	2	100	12	1277	---	6389777
9	2	75	11	1478	---	6870464
10	3	90	5	1725	1169	8307711
11	2	100	15	1848	---	8656866
12	1	70	9	---	---	9906473
13	1	75	19	---	---	10694093
14	2	70	20	1376	---	11625796

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 16; Num of Bursts = 19; Burst Interval (us) = 631579.0; Total pulses in waveform = 32

1	1	55	17	---	---	374477
2	2	90	8	1129	---	840771
3	1	85	14	---	---	1437404
4	3	55	9	1877	1266	2329234
5	2	50	7	1515	---	2552681
6	1	80	15	---	---	3776189
7	3	95	18	1524	1737	3929833
8	2	55	5	1451	---	4610711
9	1	85	19	---	---	5349442
10	1	85	13	---	---	5777255
11	1	80	9	---	---	6827319
12	1	70	20	---	---	7082079
13	3	50	16	1468	1454	7975065
14	1	75	15	---	---	8547788
15	2	70	8	1222	---	9051840
16	1	80	9	---	---	9814649
17	2	70	17	1113	---	10390503
18	2	60	15	1230	---	11165143
19	2	85	10	1108	---	11651184

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 17; Num of Bursts = 11; Burst Interval (us) = 1090909.0; Total pulses in waveform = 21

1	2	100	6	1605	---	666992
2	3	90	16	1644	1681	1391322
3	3	90	8	1689	1563	2532933
4	2	70	9	1695	---	3771259
5	1	75	12	---	---	4824358
6	1	95	15	---	---	5613234
7	1	80	14	---	---	6669400
8	2	75	12	1022	---	7890576
9	3	60	19	1615	1246	9708085
10	1	60	10	---	---	10665257
11	2	80	5	1658	---	10983268

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 18; Num of Bursts = 18; Burst Interval (us) = 666667.0; Total pulses in waveform = 35						
1	1	95	12	---	---	603046
2	1	90	15	---	---	981856
3	2	100	16	1858	---	1893561
4	1	65	8	---	---	2269613
5	2	90	5	1669	---	3182987
6	2	65	13	1955	---	3353344
7	2	50	11	1456	---	4338484
8	1	65	7	---	---	5110372
9	3	95	9	1665	1117	5379803
10	3	90	13	1730	1552	6640819
11	3	75	16	1489	1003	7109385
12	3	95	7	1029	1633	7805554
13	3	70	17	1049	1164	8393570
14	1	60	8	---	---	8839438
15	3	80	14	1738	1961	9529927
16	1	50	12	---	---	10223677
17	1	85	5	---	---	10880240
18	2	60	11	1792	---	11921149

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 19; Num of Bursts = 10; Burst Interval (us) = 1200000.0; Total pulses in waveform = 19						
1	2	65	7	1210	---	655969
2	2	95	11	1221	---	1800286
3	3	50	8	1065	1482	2740478
4	3	85	12	1478	1132	3909853
5	3	60	7	1465	1401	5424509
6	1	65	6	---	---	6674253
7	1	50	9	---	---	7370356
8	1	90	14	---	---	9333377
9	2	50	11	1060	---	9905038
10	1	60	13	---	---	11496628

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 20; Num of Bursts = 10; Burst Interval (us) = 1200000.0; Total pulses in waveform = 18						
1	2	95	9	1741	---	180963
2	2	100	15	1482	---	2355423
3	1	75	8	---	---	3287637
4	1	50	19	---	---	3988150
5	3	100	11	1670	1879	5007737
6	2	50	14	1229	---	6868943
7	3	75	8	1457	1996	7720899
8	1	50	10	---	---	9117077
9	1	70	16	---	---	9839126
10	2	65	13	1219	---	11327703

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 21; Num of Bursts = 18; Burst Interval (us) = 666667.0; Total pulses in waveform = 33						
1	3	75	7	1472	1939	307081
2	2	70	8	1255	---	1080603
3	1	70	18	---	---	1433569
4	2	90	14	1925	---	2102017
5	1	85	15	---	---	2683073
6	3	85	20	1218	1350	3352287
7	3	70	11	1616	1855	4394530
8	2	50	15	1728	---	4941855
9	1	70	8	---	---	5629372
10	1	55	11	---	---	6072458
11	1	60	17	---	---	6856532
12	3	90	6	1387	1700	7827846
13	1	80	16	---	---	8071770
14	1	70	19	---	---	8868054
15	2	50	10	1524	---	9945342
16	1	100	15	---	---	10628499
17	2	80	17	1240	---	11009210
18	3	65	11	1020	1757	11656013

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
1	2	80	20	1535	---	202846
2	3	80	9	1276	1389	1116260
3	2	75	13	1252	---	1349287
4	3	85	11	1363	1928	2047756
5	2	85	7	1272	---	2612886
6	2	60	5	1040	---	3686543
7	3	55	11	1748	1619	4333757
8	2	90	9	1242	---	4926292
9	2	60	20	1547	---	5166549
10	1	75	7	---	---	5815669
11	3	50	20	1611	1646	6768975
12	2	80	12	1208	---	7130437
13	2	80	16	1867	---	7760306
14	1	100	8	---	---	8624509
15	3	75	11	1859	1132	9388995
16	2	100	6	1657	---	9908176
17	1	70	15	---	---	10301033
18	2	80	6	1609	---	10749822
19	1	55	8	---	---	11650224

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 23; Num of Bursts = 17; Burst Interval (us) = 705882.0; Total pulses in waveform = 33						
1	2	75	15	1875	---	695558
2	1	50	9	---	---	990932
3	3	50	5	1718	1486	1418236
4	2	95	6	1024	---	2594054
5	1	85	17	---	---	3134554
6	1	100	14	---	---	4164564
7	3	55	14	1250	1048	4426680
8	3	65	15	1075	1404	5593062
9	1	60	9	---	---	6130158
10	3	95	19	1860	1702	6844235
11	1	80	20	---	---	7215114
12	2	85	16	1209	---	8069674
13	2	50	16	1204	---	9145976
14	1	80	5	---	---	9408831
15	3	55	13	1174	1570	10024276
16	3	75	12	1851	1980	10800074
17	1	55	16	---	---	11358526

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 24; Num of Bursts = 12; Burst Interval (us) = 1000000.0; Total pulses in waveform = 28

1	2	60	5	1628	---	125772
2	2	95	7	1890	---	1538301
3	2	90	18	1222	---	2678394
4	1	50	7	---	---	3210599
5	3	100	15	1361	1260	4432233
6	2	90	7	1386	---	5047484
7	1	100	15	---	---	6429294
8	3	75	20	1457	1172	7029392
9	3	95	17	1488	1874	8222900
10	3	75	13	1545	1083	9605503
11	3	80	6	1002	1271	10077209
12	3	80	16	1137	1651	11492648

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 25; Num of Bursts = 18; Burst Interval (us) = 666667.0; Total pulses in waveform = 35

1	1	100	5	---	---	379926
2	2	85	20	1084	---	1057410
3	1	100	8	---	---	1835633
4	3	100	9	1788	1476	2367089
5	2	100	12	1363	---	3096039
6	2	90	7	1985	---	3771415
7	1	100	12	---	---	4213791
8	3	85	8	1472	1097	4802729
9	3	55	15	1950	1094	5698610
10	1	95	17	---	---	6139114
11	2	55	12	1455	---	6836404
12	3	55	15	1387	1432	7588720
13	1	75	5	---	---	8097820
14	3	55	20	1881	1246	9224450
15	1	50	13	---	---	9885066
16	2	80	6	1404	---	10619585
17	1	100	16	---	---	11320728
18	3	85	17	1681	1425	11991749

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 26; Num of Bursts = 13; Burst Interval (us) = 923077.0; Total pulses in waveform = 29						
1	3	50	13	1491	1154	268327
2	3	100	8	1518	1172	1289886
3	3	55	13	1015	1730	2214330
4	3	100	13	1658	1861	3672498
5	1	70	18	---	---	4003024
6	2	100	8	1046	---	4769184
7	2	55	16	1680	---	5931658
8	3	70	12	1476	1146	6510793
9	1	100	15	---	---	8102796
10	2	75	16	1097	---	9082899
11	3	80	6	1099	1317	10025544
12	1	75	12	---	---	10943208
13	2	50	20	1086	---	11876481

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
Waveform Num = 27; Num of Bursts = 19; Burst Interval (us) = 631579.0; Total pulses in waveform = 35						
1	1	55	18	---	---	463108
2	1	55	15	---	---	1020677
3	1	100	19	---	---	1644523
4	3	80	12	1631	1463	2010295
5	1	85	13	---	---	2996751
6	3	95	13	1582	1643	3347478
7	1	100	15	---	---	3918603
8	3	50	7	1171	1245	4714486
9	2	85	19	1381	---	5614334
10	1	90	8	---	---	5938937
11	3	100	6	1403	1148	6373140
12	3	100	5	1304	1327	7352604
13	3	80	19	1191	1455	7881280
14	2	50	13	1949	---	8452833
15	2	75	10	1098	---	9081198
16	2	50	17	1745	---	9513179
17	1	75	14	---	---	10622582
18	1	55	10	---	---	11109158
19	1	65	5	---	---	11555533

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 28; Num of Bursts = 14; Burst Interval (us) = 857143.0; Total pulses in waveform = 33

1	2	75	16	1534	---	110803
2	1	65	5	---	---	1001931
3	3	65	18	1118	1646	2324015
4	1	65	10	---	---	2769898
5	3	100	20	1246	1814	3830634
6	2	70	6	1169	---	4426675
7	3	65	20	1703	1045	5933156
8	3	95	17	1719	1948	6639841
9	3	50	16	1177	1894	6912791
10	3	75	20	1853	1369	8248689
11	1	60	16	---	---	9294079
12	3	75	18	1841	1670	9875062
13	3	95	8	1419	1780	10444039
14	2	50	11	1309	---	11374884

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 29; Num of Bursts = 19; Burst Interval (us) = 631579.0; Total pulses in waveform = 36

1	3	90	7	1543	1941	415096
2	1	95	10	---	---	1163105
3	3	80	10	1043	1183	1603008
4	1	70	16	---	---	2091997
5	3	90	7	1406	1002	3130042
6	2	100	19	1419	---	3202479
7	2	90	16	1577	---	4175617
8	2	65	7	1196	---	5006226
9	3	85	13	1430	1439	5297397
10	1	100	12	---	---	6148926
11	3	100	14	1929	1295	6906421
12	1	65	19	---	---	7305173
13	2	85	7	1560	---	7730922
14	1	55	15	---	---	8218135
15	1	100	17	---	---	9110820
16	1	60	13	---	---	9591773
17	2	95	18	1212	---	10371938
18	3	95	7	1559	1357	10784295
19	1	50	10	---	---	11475730

Burst	Number of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1 to 2 PRI (us)	Pulse 2 to 3 PRI (us)	Starting Location (us)
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Waveform Num = 30; Num of Bursts = 9; Burst Interval (us) = 1333333.0; Total pulses in waveform = 18

1	3	65	14	1064	1417	699251
2	2	75	17	1902	---	2513342
3	2	75	12	1972	---	2883903
4	1	60	20	---	---	4987341
5	1	55	9	---	---	6450994
6	3	85	6	1701	1705	7281483
7	1	55	15	---	---	8171443
8	2	55	7	1779	---	10039877
9	3	100	5	1213	1233	11085177