

FCC Long Pulse 05-02-2022 21:24:23

Waveform Num = 1

Num of Bursts = 12

Burst Interval (us) = 1000000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 128848        | 3        | 15          | 95      | 1206             | 1189             | 1095             | 128848         | 0                         | 999999                  |
| 2       | 1774136       | 1        | 15          | 85      | 1241             | 0                | 0                | 1906474        | 1000000                   | 1999999                 |
| 3       | 468725        | 2        | 15          | 60      | 1387             | 1686             | 0                | 2376440        | 2000000                   | 2999999                 |
| 4       | 877489        | 1        | 15          | 50      | 1933             | 0                | 0                | 3257002        | 3000000                   | 3999999                 |
| 5       | 1031802       | 3        | 15          | 55      | 1712             | 1669             | 1284             | 4290737        | 4000000                   | 4999999                 |
| 6       | 1130868       | 3        | 15          | 80      | 1797             | 1438             | 1737             | 5426270        | 5000000                   | 5999999                 |
| 7       | 1406887       | 1        | 15          | 80      | 1515             | 0                | 0                | 6838129        | 6000000                   | 6999999                 |
| 8       | 501604        | 3        | 15          | 90      | 1762             | 1720             | 1335             | 7341248        | 7000000                   | 7999999                 |
| 9       | 1438808       | 2        | 15          | 55      | 1848             | 1488             | 0                | 8784873        | 8000000                   | 8999999                 |
| 10      | 776667        | 1        | 15          | 65      | 1634             | 0                | 0                | 9564876        | 9000000                   | 9999999                 |
| 11      | 817384        | 3        | 15          | 95      | 1780             | 1344             | 1301             | 10383894       | 10000000                  | 10999999                |
| 12      | 979821        | 3        | 15          | 80      | 1181             | 1429             | 1070             | 11368140       | 11000000                  | 11999999                |

Total number of pulses in waveform = 26

Waveform Num = 2  
 Num of Bursts = 8  
 Burst Interval (us) = 1500000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 681680        | 1        | 20          | 80      | 1472             | 0                | 0                | 681680         | 0                         | 1499999                 |
| 2       | 1075730       | 3        | 20          | 70      | 1352             | 1968             | 1976             | 1758882        | 1500000                   | 2999999                 |
| 3       | 1865801       | 1        | 20          | 75      | 1121             | 0                | 0                | 3629979        | 3000000                   | 4499999                 |
| 4       | 1652111       | 2        | 20          | 100     | 1266             | 1198             | 0                | 5283211        | 4500000                   | 5999999                 |
| 5       | 741872        | 2        | 20          | 70      | 1446             | 1403             | 0                | 6027547        | 6000000                   | 7499999                 |
| 6       | 1727028       | 2        | 20          | 60      | 1814             | 1531             | 0                | 7757424        | 7500000                   | 8999999                 |
| 7       | 1612742       | 2        | 20          | 85      | 1043             | 1317             | 0                | 9373511        | 9000000                   | 10499999                |
| 8       | 2599027       | 2        | 20          | 50      | 1463             | 1027             | 0                | 11974898       | 10500000                  | 11999999                |

Total number of pulses in waveform = 15

Waveform Num = 3  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 602361        | 1        | 14          | 95      | 1113             | 0                | 0                | 602361         | 0                         | 799999                  |
| 2       | 914664        | 1        | 14          | 90      | 1626             | 0                | 0                | 1518138        | 800000                    | 1599999                 |
| 3       | 116184        | 1        | 14          | 55      | 1138             | 0                | 0                | 1635948        | 1600000                   | 2399999                 |
| 4       | 1289266       | 1        | 14          | 50      | 1651             | 0                | 0                | 2926352        | 2400000                   | 3199999                 |
| 5       | 532026        | 3        | 14          | 100     | 1164             | 1805             | 1104             | 3460029        | 3200000                   | 3999999                 |
| 6       | 612128        | 3        | 14          | 100     | 1883             | 1206             | 1189             | 4076230        | 4000000                   | 4799999                 |
| 7       | 912121        | 1        | 14          | 50      | 1702             | 0                | 0                | 4992629        | 4800000                   | 5599999                 |
| 8       | 906130        | 3        | 14          | 75      | 1214             | 1387             | 1686             | 5900461        | 5600000                   | 6399999                 |
| 9       | 700754        | 1        | 14          | 50      | 1933             | 0                | 0                | 6605502        | 6400000                   | 7199999                 |
| 10      | 824882        | 3        | 14          | 55      | 1712             | 1669             | 1284             | 7432317        | 7200000                   | 7999999                 |
| 11      | 903608        | 3        | 14          | 80      | 1797             | 1438             | 1737             | 8340590        | 8000000                   | 8799999                 |
| 12      | 1124687       | 1        | 14          | 80      | 1515             | 0                | 0                | 9470249        | 8800000                   | 9599999                 |
| 13      | 400904        | 3        | 14          | 90      | 1762             | 1720             | 1335             | 9872668        | 9600000                   | 10399999                |
| 14      | 1149888       | 2        | 14          | 55      | 1848             | 1488             | 0                | 11027373       | 10400000                  | 11199999                |
| 15      | 621007        | 1        | 14          | 65      | 1634             | 0                | 0                | 11651716       | 11200000                  | 11999999                |

Total number of pulses in waveform = 28

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Waveform Num = 4
Num of Bursts = 19
Burst Interval (us) = 631579
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[illegible]

Waveform Num = 5  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 726178        | 3        | 5           | 60      | 1772             | 1146             | 1712             | 726178         | 0                         | 1090908                 |
| 2       | 957390        | 1        | 5           | 65      | 1959             | 0                | 0                | 1688198        | 1090909                   | 2181817                 |
| 3       | 1125161       | 3        | 5           | 70      | 1737             | 1428             | 1309             | 2815318        | 2181818                   | 3272726                 |
| 4       | 1281611       | 2        | 5           | 95      | 1822             | 1729             | 0                | 4101403        | 3272727                   | 4363635                 |
| 5       | 1179827       | 3        | 5           | 65      | 1343             | 1540             | 1130             | 5284781        | 4363636                   | 5454544                 |
| 6       | 855776        | 2        | 5           | 90      | 1010             | 1360             | 0                | 6144570        | 5454545                   | 6545453                 |
| 7       | 772639        | 2        | 5           | 95      | 1873             | 1780             | 0                | 6919579        | 6545454                   | 7636362                 |
| 8       | 1356938       | 1        | 5           | 70      | 1925             | 0                | 0                | 8280170        | 7636363                   | 8727271                 |
| 9       | 847872        | 1        | 5           | 70      | 1070             | 0                | 0                | 9129967        | 8727272                   | 9818180                 |
| 10      | 1359049       | 1        | 5           | 100     | 1216             | 0                | 0                | 10490086       | 9818181                   | 10909089                |
| 11      | 800761        | 2        | 5           | 75      | 1831             | 1395             | 0                | 11292063       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21

Waveform Num = 6  
 Num of Bursts = 20  
 Burst Interval (us) = 600000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 72540         | 1        | 20          | 60      | 1480             | 0                | 0                | 72540          | 0                         | 599999                  |
| 2       | 644492        | 2        | 20          | 85      | 1993             | 1266             | 0                | 718512         | 600000                    | 1199999                 |
| 3       | 718877        | 2        | 20          | 75      | 1412             | 1446             | 0                | 1440648        | 1200000                   | 1799999                 |
| 4       | 843898        | 1        | 20          | 80      | 1224             | 0                | 0                | 2287404        | 1800000                   | 2399999                 |
| 5       | 137513        | 2        | 20          | 55      | 1471             | 1694             | 0                | 2426141        | 2400000                   | 2999999                 |
| 6       | 623176        | 1        | 20          | 60      | 1574             | 0                | 0                | 3052482        | 3000000                   | 3599999                 |
| 7       | 908862        | 2        | 20          | 50      | 1985             | 1601             | 0                | 3962918        | 3600000                   | 4199999                 |
| 8       | 685057        | 1        | 20          | 95      | 1113             | 0                | 0                | 4651561        | 4200000                   | 4799999                 |
| 9       | 685564        | 1        | 20          | 90      | 1626             | 0                | 0                | 5338238        | 4800000                   | 5399999                 |
| 10      | 87084         | 1        | 20          | 55      | 1138             | 0                | 0                | 5426948        | 5400000                   | 5999999                 |
| 11      | 966406        | 1        | 20          | 50      | 1651             | 0                | 0                | 6394492        | 6000000                   | 6599999                 |
| 12      | 398546        | 3        | 20          | 100     | 1164             | 1805             | 1104             | 6794689        | 6600000                   | 7199999                 |
| 13      | 458308        | 3        | 20          | 100     | 1883             | 1206             | 1189             | 7257070        | 7200000                   | 7799999                 |
| 14      | 683021        | 1        | 20          | 50      | 1702             | 0                | 0                | 7944369        | 7800000                   | 8399999                 |
| 15      | 678870        | 3        | 20          | 75      | 1214             | 1387             | 1686             | 8624941        | 8400000                   | 8999999                 |
| 16      | 524774        | 1        | 20          | 50      | 1933             | 0                | 0                | 9154002        | 9000000                   | 9599999                 |
| 17      | 617962        | 3        | 20          | 55      | 1712             | 1669             | 1284             | 9773897        | 9600000                   | 10199999                |
| 18      | 676348        | 3        | 20          | 80      | 1797             | 1438             | 1737             | 10454910       | 10200000                  | 10799999                |
| 19      | 842487        | 1        | 20          | 80      | 1515             | 0                | 0                | 11302369       | 10800000                  | 11399999                |
| 20      | 300204        | 3        | 20          | 90      | 1762             | 1720             | 1335             | 11604088       | 11400000                  | 11999999                |

Total number of pulses in waveform = 36

Waveform Num = 7  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 8  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 268838        | 1        | 7           | 60      | 1095             | 0                | 0                | 3413640        | 3272727                   | 4363635                 |
| 5       | 1937884       | 1        | 7           | 85      | 1241             | 0                | 0                | 5352619        | 4363636                   | 5454544                 |
| 6       | 511452        | 2        | 7           | 60      | 1387             | 1686             | 0                | 5865312        | 5454545                   | 6545453                 |
| 7       | 957480        | 1        | 7           | 50      | 1933             | 0                | 0                | 6825865        | 6545454                   | 7636362                 |
| 8       | 1125857       | 3        | 7           | 55      | 1712             | 1669             | 1284             | 7953655        | 7636363                   | 8727271                 |
| 9       | 1234167       | 3        | 7           | 80      | 1797             | 1438             | 1737             | 9192487        | 8727272                   | 9818180                 |
| 10      | 1535160       | 1        | 7           | 80      | 1515             | 0                | 0                | 10732619       | 9818181                   | 10909089                |
| 11      | 547377        | 3        | 7           | 90      | 1762             | 1720             | 1335             | 11281511       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21



Waveform Num = 9  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 10  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 268838        | 1        | 7           | 60      | 1095             | 0                | 0                | 3413640        | 3272727                   | 4363635                 |
| 5       | 1937884       | 1        | 7           | 85      | 1241             | 0                | 0                | 5352619        | 4363636                   | 5454544                 |
| 6       | 511452        | 2        | 7           | 60      | 1387             | 1686             | 0                | 5865312        | 5454545                   | 6545453                 |
| 7       | 957480        | 1        | 7           | 50      | 1933             | 0                | 0                | 6825865        | 6545454                   | 7636362                 |
| 8       | 1125857       | 3        | 7           | 55      | 1712             | 1669             | 1284             | 7953655        | 7636363                   | 8727271                 |
| 9       | 1234167       | 3        | 7           | 80      | 1797             | 1438             | 1737             | 9192487        | 8727272                   | 9818180                 |
| 10      | 1535160       | 1        | 7           | 80      | 1515             | 0                | 0                | 10732619       | 9818181                   | 10909089                |
| 11      | 547377        | 3        | 7           | 90      | 1762             | 1720             | 1335             | 11281511       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21

Waveform Num = 11  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 12  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 268838        | 1        | 7           | 60      | 1095             | 0                | 0                | 3413640        | 3272727                   | 4363635                 |
| 5       | 1937884       | 1        | 7           | 85      | 1241             | 0                | 0                | 5352619        | 4363636                   | 5454544                 |
| 6       | 511452        | 2        | 7           | 60      | 1387             | 1686             | 0                | 5865312        | 5454545                   | 6545453                 |
| 7       | 957480        | 1        | 7           | 50      | 1933             | 0                | 0                | 6825865        | 6545454                   | 7636362                 |
| 8       | 1125857       | 3        | 7           | 55      | 1712             | 1669             | 1284             | 7953655        | 7636363                   | 8727271                 |
| 9       | 1234167       | 3        | 7           | 80      | 1797             | 1438             | 1737             | 9192487        | 8727272                   | 9818180                 |
| 10      | 1535160       | 1        | 7           | 80      | 1515             | 0                | 0                | 10732619       | 9818181                   | 10909089                |
| 11      | 547377        | 3        | 7           | 90      | 1762             | 1720             | 1335             | 11281511       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21

Waveform Num = 13  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 14  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 268838        | 1        | 7           | 60      | 1095             | 0                | 0                | 3413640        | 3272727                   | 4363635                 |
| 5       | 1937884       | 1        | 7           | 85      | 1241             | 0                | 0                | 5352619        | 4363636                   | 5454544                 |
| 6       | 511452        | 2        | 7           | 60      | 1387             | 1686             | 0                | 5865312        | 5454545                   | 6545453                 |
| 7       | 957480        | 1        | 7           | 50      | 1933             | 0                | 0                | 6825865        | 6545454                   | 7636362                 |
| 8       | 1125857       | 3        | 7           | 55      | 1712             | 1669             | 1284             | 7953655        | 7636363                   | 8727271                 |
| 9       | 1234167       | 3        | 7           | 80      | 1797             | 1438             | 1737             | 9192487        | 8727272                   | 9818180                 |
| 10      | 1535160       | 1        | 7           | 80      | 1515             | 0                | 0                | 10732619       | 9818181                   | 10909089                |
| 11      | 547377        | 3        | 7           | 90      | 1762             | 1720             | 1335             | 11281511       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21

Waveform Num = 15  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 16  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 268838        | 1        | 7           | 60      | 1095             | 0                | 0                | 3413640        | 3272727                   | 4363635                 |
| 5       | 1937884       | 1        | 7           | 85      | 1241             | 0                | 0                | 5352619        | 4363636                   | 5454544                 |
| 6       | 511452        | 2        | 7           | 60      | 1387             | 1686             | 0                | 5865312        | 5454545                   | 6545453                 |
| 7       | 957480        | 1        | 7           | 50      | 1933             | 0                | 0                | 6825865        | 6545454                   | 7636362                 |
| 8       | 1125857       | 3        | 7           | 55      | 1712             | 1669             | 1284             | 7953655        | 7636363                   | 8727271                 |
| 9       | 1234167       | 3        | 7           | 80      | 1797             | 1438             | 1737             | 9192487        | 8727272                   | 9818180                 |
| 10      | 1535160       | 1        | 7           | 80      | 1515             | 0                | 0                | 10732619       | 9818181                   | 10909089                |
| 11      | 547377        | 3        | 7           | 90      | 1762             | 1720             | 1335             | 11281511       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21



Waveform Num = 17  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 18  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 268838        | 1        | 7           | 60      | 1095             | 0                | 0                | 3413640        | 3272727                   | 4363635                 |
| 5       | 1937884       | 1        | 7           | 85      | 1241             | 0                | 0                | 5352619        | 4363636                   | 5454544                 |
| 6       | 511452        | 2        | 7           | 60      | 1387             | 1686             | 0                | 5865312        | 5454545                   | 6545453                 |
| 7       | 957480        | 1        | 7           | 50      | 1933             | 0                | 0                | 6825865        | 6545454                   | 7636362                 |
| 8       | 1125857       | 3        | 7           | 55      | 1712             | 1669             | 1284             | 7953655        | 7636363                   | 8727271                 |
| 9       | 1234167       | 3        | 7           | 80      | 1797             | 1438             | 1737             | 9192487        | 8727272                   | 9818180                 |
| 10      | 1535160       | 1        | 7           | 80      | 1515             | 0                | 0                | 10732619       | 9818181                   | 10909089                |
| 11      | 547377        | 3        | 7           | 90      | 1762             | 1720             | 1335             | 11281511       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21

Waveform Num = 19  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 20  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 268838        | 1        | 7           | 60      | 1095             | 0                | 0                | 3413640        | 3272727                   | 4363635                 |
| 5       | 1937884       | 1        | 7           | 85      | 1241             | 0                | 0                | 5352619        | 4363636                   | 5454544                 |
| 6       | 511452        | 2        | 7           | 60      | 1387             | 1686             | 0                | 5865312        | 5454545                   | 6545453                 |
| 7       | 957480        | 1        | 7           | 50      | 1933             | 0                | 0                | 6825865        | 6545454                   | 7636362                 |
| 8       | 1125857       | 3        | 7           | 55      | 1712             | 1669             | 1284             | 7953655        | 7636363                   | 8727271                 |
| 9       | 1234167       | 3        | 7           | 80      | 1797             | 1438             | 1737             | 9192487        | 8727272                   | 9818180                 |
| 10      | 1535160       | 1        | 7           | 80      | 1515             | 0                | 0                | 10732619       | 9818181                   | 10909089                |
| 11      | 547377        | 3        | 7           | 90      | 1762             | 1720             | 1335             | 11281511       | 10909090                  | 11999998                |

Total number of pulses in waveform = 21

Waveform Num = 21  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 504484        | 3        | 7           | 75      | 1788             | 1010             | 1360             | 504484         | 0                         | 799999                  |
| 2       | 565381        | 2        | 7           | 95      | 1873             | 1780             | 0                | 1074023        | 800000                    | 1599999                 |
| 3       | 994146        | 1        | 7           | 70      | 1925             | 0                | 0                | 2071822        | 1600000                   | 2399999                 |
| 4       | 621458        | 1        | 7           | 70      | 1070             | 0                | 0                | 2695205        | 2400000                   | 3199999                 |
| 5       | 996255        | 1        | 7           | 100     | 1216             | 0                | 0                | 3692530        | 3200000                   | 3999999                 |
| 6       | 586798        | 2        | 7           | 75      | 1831             | 1395             | 0                | 4280544        | 4000000                   | 4799999                 |
| 7       | 612719        | 3        | 7           | 100     | 1173             | 1232             | 1480             | 4896489        | 4800000                   | 5599999                 |
| 8       | 857858        | 2        | 7           | 85      | 1993             | 1266             | 0                | 5758232        | 5600000                   | 6399999                 |
| 9       | 959757        | 2        | 7           | 75      | 1412             | 1446             | 0                | 6721248        | 6400000                   | 7199999                 |
| 10      | 1126098       | 1        | 7           | 80      | 1224             | 0                | 0                | 7850204        | 7200000                   | 7999999                 |
| 11      | 183473        | 2        | 7           | 55      | 1471             | 1694             | 0                | 8034901        | 8000000                   | 8799999                 |
| 12      | 831956        | 1        | 7           | 60      | 1574             | 0                | 0                | 8870022        | 8800000                   | 9599999                 |
| 13      | 1213022       | 2        | 7           | 50      | 1985             | 1601             | 0                | 10084618       | 9600000                   | 10399999                |
| 14      | 914157        | 1        | 7           | 95      | 1113             | 0                | 0                | 11002361       | 10400000                  | 11199999                |
| 15      | 914664        | 1        | 7           | 90      | 1626             | 0                | 0                | 11918138       | 11200000                  | 11999999                |

Total number of pulses in waveform = 25

Waveform Num = 22  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 38907         | 1        | 7           | 50      | 1078             | 0                | 0                | 38907          | 0                         | 1090908                 |
| 2       | 1229105       | 2        | 7           | 85      | 1857             | 1916             | 0                | 1269090        | 1090909                   | 2181817                 |
| 3       | 1866984       | 3        | 7           | 55      | 1327             | 1677             | 1951             | 3139847        | 2181818                   | 3272726                 |
| 4       | 847638        | 1        | 7           | 60      | 1095             | 0                | 0                | 3992440        | 3272727                   | 4363635                 |
| 5       | 401426        | 2        | 7           | 60      | 1773             | 1439             | 0                | 4394961        | 4363636                   | 5454544                 |
| 6       | 1634446       | 3        | 7           | 100     | 1217             | 1909             | 1790             | 6032619        | 5454545                   | 6545453                 |
| 7       | 771633        | 2        | 7           | 90      | 1302             | 1678             | 0                | 6809168        | 6545454                   | 7636362                 |
| 8       | 1357322       | 1        | 7           | 90      | 1824             | 0                | 0                | 8169470        | 7636363                   | 8727271                 |
| 9       | 847596        | 1        | 7           | 65      | 1969             | 0                | 0                | 9018890        | 8727272                   | 9818180                 |
| 10      | 1181493       | 3        | 7           | 95      | 1114             | 1046             | 1370             | 10202352       | 9818181                   | 10909089                |
| 11      | 1646853       | 1        | 7           | 65      | 1250             | 0                | 0                | 11852735       | 10909090                  | 11999998                |

Total number of pulses in waveform = 20

```
Waveform Num = 23
Num of Bursts = 19
Burst Interval (us) = 631579
```

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 340735        | 2        | 6           | 70      | 1019             | 1318             | 0                | 340735         | 0                         | 631578                  |
| 2       | 483457        | 3        | 6           | 55      | 1096             | 1421             | 1404             | 826529         | 631579                    | 1263157                 |
| 3       | 879443        | 3        | 6           | 95      | 1917             | 1456             | 1122             | 1709893        | 1263158                   | 1894736                 |
| 4       | 648429        | 3        | 6           | 80      | 1901             | 1592             | 1473             | 2362817        | 1894737                   | 2526315                 |
| 5       | 386067        | 1        | 6           | 50      | 1987             | 0                | 0                | 2753850        | 2526316                   | 3157894                 |
| 6       | 880484        | 3        | 6           | 95      | 1499             | 1507             | 1705             | 3636321        | 3157895                   | 3789473                 |
| 7       | 258186        | 1        | 6           | 85      | 1952             | 0                | 0                | 3899218        | 3789474                   | 4421052                 |
| 8       | 543085        | 2        | 6           | 90      | 1730             | 1054             | 0                | 4444255        | 4421053                   | 5052631                 |
| 9       | 1079045       | 3        | 6           | 100     | 1935             | 1550             | 1088             | 5526084        | 5052632                   | 5684210                 |
| 10      | 295113        | 2        | 6           | 50      | 1703             | 1002             | 0                | 5825770        | 5684211                   | 6315789                 |
| 11      | 876413        | 2        | 6           | 95      | 1781             | 1105             | 0                | 6704888        | 6315790                   | 6947368                 |
| 12      | 745534        | 3        | 6           | 80      | 1516             | 1131             | 1139             | 7453308        | 6947369                   | 7578947                 |
| 13      | 295315        | 2        | 6           | 85      | 1285             | 1584             | 0                | 7752409        | 7578948                   | 8210526                 |
| 14      | 887885        | 1        | 6           | 70      | 1832             | 0                | 0                | 8643163        | 8210527                   | 8842105                 |
| 15      | 316596        | 3        | 6           | 80      | 1610             | 1567             | 1182             | 8961591        | 8842106                   | 9473684                 |
| 16      | 906863        | 2        | 6           | 70      | 1695             | 1336             | 0                | 9872813        | 9473685                   | 10105263                |
| 17      | 681136        | 3        | 6           | 60      | 1481             | 1413             | 1738             | 10556980       | 10105264                  | 10736842                |
| 18      | 660861        | 2        | 6           | 85      | 1618             | 1233             | 0                | 11222473       | 10736843                  | 11368421                |
| 19      | 279355        | 2        | 6           | 50      | 1746             | 1918             | 0                | 11504679       | 11368422                  | 12000000                |

Total number of pulses in waveform = 43

```
Waveform Num = 24
Num of Bursts = 19
Burst Interval (us) = 631579
```

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 425989        | 2        | 17          | 75      | 1789             | 1302             | 0                | 425989         | 0                         | 631578                  |
| 2       | 720983        | 1        | 17          | 60      | 1816             | 0                | 0                | 1150063        | 631579                    | 1263157                 |
| 3       | 279533        | 2        | 17          | 50      | 1328             | 1969             | 0                | 1431412        | 1263158                   | 1894736                 |
| 4       | 681918        | 3        | 17          | 95      | 1114             | 1046             | 1370             | 2116627        | 1894737                   | 2526315                 |
| 5       | 952024        | 1        | 17          | 65      | 1250             | 0                | 0                | 3072181        | 2526316                   | 3157894                 |
| 6       | 284391        | 3        | 17          | 50      | 1662             | 1379             | 1019             | 3357822        | 3157895                   | 3789473                 |
| 7       | 692787        | 2        | 17          | 95      | 1165             | 1096             | 0                | 4054669        | 3789474                   | 4421052                 |
| 8       | 939755        | 2        | 17          | 65      | 1876             | 1833             | 0                | 4996685        | 4421053                   | 5052631                 |
| 9       | 429923        | 2        | 17          | 55      | 1713             | 1961             | 0                | 5430317        | 5052632                   | 5684210                 |
| 10      | 252352        | 3        | 17          | 80      | 1473             | 1747             | 1147             | 5686343        | 5684211                   | 6315789                 |
| 11      | 942536        | 3        | 17          | 65      | 1926             | 1884             | 1499             | 6633246        | 6315790                   | 6947368                 |
| 12      | 418093        | 3        | 17          | 90      | 1011             | 1653             | 1952             | 7056648        | 6947369                   | 7578947                 |
| 13      | 540886        | 2        | 17          | 90      | 1730             | 1054             | 0                | 7602150        | 7578948                   | 8210526                 |
| 14      | 1079045       | 3        | 17          | 100     | 1935             | 1550             | 1088             | 8683979        | 8210527                   | 8842105                 |
| 15      | 295113        | 2        | 17          | 50      | 1703             | 1002             | 0                | 8983665        | 8842106                   | 9473684                 |
| 16      | 876413        | 2        | 17          | 95      | 1781             | 1105             | 0                | 9862783        | 9473685                   | 10105263                |
| 17      | 745534        | 3        | 17          | 80      | 1516             | 1131             | 1139             | 10611203       | 10105264                  | 10736842                |
| 18      | 295315        | 2        | 17          | 85      | 1285             | 1584             | 0                | 10910304       | 10736843                  | 11368421                |
| 19      | 887885        | 1        | 17          | 70      | 1832             | 0                | 0                | 11801058       | 11368422                  | 12000000                |

Total number of pulses in waveform = 42



Waveform Num = 25  
 Num of Bursts = 16  
 Burst Interval (us) = 750000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 290005        | 2        | 14          | 80      | 1182             | 1190             | 0                | 290005         | 0                         | 749999                  |
| 2       | 1098500       | 2        | 14          | 85      | 1336             | 1635             | 0                | 1390877        | 750000                    | 1499999                 |
| 3       | 658460        | 1        | 14          | 75      | 1413             | 0                | 0                | 2052308        | 1500000                   | 2249999                 |
| 4       | 772094        | 3        | 14          | 80      | 1661             | 1618             | 1233             | 2825815        | 2250000                   | 2999999                 |
| 5       | 331628        | 2        | 14          | 50      | 1746             | 1918             | 0                | 3161955        | 3000000                   | 3749999                 |
| 6       | 809808        | 3        | 14          | 90      | 1532             | 1464             | 1789             | 3975427        | 3750000                   | 4499999                 |
| 7       | 884544        | 3        | 14          | 60      | 1199             | 1816             | 1824             | 4864756        | 4500000                   | 5249999                 |
| 8       | 580727        | 1        | 14          | 65      | 1969             | 0                | 0                | 5450322        | 5250000                   | 5999999                 |
| 9       | 811437        | 3        | 14          | 95      | 1114             | 1046             | 1370             | 6263728        | 6000000                   | 6749999                 |
| 10      | 1131160       | 1        | 14          | 65      | 1250             | 0                | 0                | 7398418        | 6750000                   | 7499999                 |
| 11      | 337988        | 3        | 14          | 50      | 1662             | 1379             | 1019             | 7737656        | 7500000                   | 8249999                 |
| 12      | 823381        | 2        | 14          | 95      | 1165             | 1096             | 0                | 8565097        | 8250000                   | 8999999                 |
| 13      | 1116842       | 2        | 14          | 65      | 1876             | 1833             | 0                | 9684200        | 9000000                   | 9749999                 |
| 14      | 511006        | 2        | 14          | 55      | 1713             | 1961             | 0                | 10198915       | 9750000                   | 10499999                |
| 15      | 299946        | 3        | 14          | 80      | 1473             | 1747             | 1147             | 10502535       | 10500000                  | 11249999                |
| 16      | 1120582       | 3        | 14          | 65      | 1926             | 1884             | 1499             | 11627484       | 11250000                  | 11999999                |

Total number of pulses in waveform = 36

Waveform Num = 26  
 Num of Bursts = 17  
 Burst Interval (us) = 705882

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 122695        | 1        | 17          | 85      | 1952             | 0                | 0                | 122695         | 0                         | 705881                  |
| 2       | 607179        | 2        | 17          | 90      | 1730             | 1054             | 0                | 731826         | 705882                    | 1411763                 |
| 3       | 1206713       | 3        | 17          | 100     | 1935             | 1550             | 1088             | 1941323        | 1411764                   | 2117645                 |
| 4       | 330035        | 2        | 17          | 50      | 1703             | 1002             | 0                | 2275931        | 2117646                   | 2823527                 |
| 5       | 979976        | 2        | 17          | 95      | 1781             | 1105             | 0                | 3258612        | 2823528                   | 3529409                 |
| 6       | 833731        | 3        | 17          | 80      | 1516             | 1131             | 1139             | 4095229        | 3529410                   | 4235291                 |
| 7       | 330238        | 2        | 17          | 85      | 1285             | 1584             | 0                | 4429253        | 4235292                   | 4941173                 |
| 8       | 992735        | 1        | 17          | 70      | 1832             | 0                | 0                | 5424857        | 4941174                   | 5647055                 |
| 9       | 354007        | 3        | 17          | 80      | 1610             | 1567             | 1182             | 5780696        | 5647056                   | 6352937                 |
| 10      | 1014194       | 2        | 17          | 70      | 1695             | 1336             | 0                | 6799249        | 6352938                   | 7058819                 |
| 11      | 761791        | 3        | 17          | 60      | 1481             | 1413             | 1738             | 7564071        | 7058820                   | 7764701                 |
| 12      | 739020        | 2        | 17          | 85      | 1618             | 1233             | 0                | 8307723        | 7764702                   | 8470583                 |
| 13      | 312391        | 2        | 17          | 50      | 1746             | 1918             | 0                | 8622965        | 8470584                   | 9176465                 |
| 14      | 761919        | 3        | 17          | 90      | 1532             | 1464             | 1789             | 9388548        | 9176466                   | 9882347                 |
| 15      | 832176        | 3        | 17          | 60      | 1199             | 1816             | 1824             | 10225509       | 9882348                   | 10588229                |
| 16      | 546390        | 1        | 17          | 65      | 1969             | 0                | 0                | 10776738       | 10588230                  | 11294111                |
| 17      | 763546        | 3        | 17          | 95      | 1114             | 1046             | 1370             | 11542253       | 11294112                  | 11999993                |

Total number of pulses in waveform = 38

Waveform Num = 27  
 Num of Bursts = 11  
 Burst Interval (us) = 1090909

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 77866         | 1        | 9           | 95      | 1874             | 0                | 0                | 77866          | 0                         | 1090908                 |
| 2       | 1600631       | 2        | 9           | 70      | 1019             | 1318             | 0                | 1680371        | 1090909                   | 2181817                 |
| 3       | 836728        | 3        | 9           | 55      | 1096             | 1421             | 1404             | 2519436        | 2181818                   | 3272726                 |
| 4       | 1523332       | 3        | 9           | 95      | 1917             | 1456             | 1122             | 4046689        | 3272727                   | 4363635                 |
| 5       | 1123652       | 3        | 9           | 80      | 1901             | 1592             | 1473             | 5174836        | 4363636                   | 5454544                 |
| 6       | 668279        | 1        | 9           | 50      | 1987             | 0                | 0                | 5848081        | 5454545                   | 6545453                 |
| 7       | 1524373       | 3        | 9           | 95      | 1499             | 1507             | 1705             | 7374441        | 6545454                   | 7636362                 |
| 8       | 447016        | 1        | 9           | 85      | 1952             | 0                | 0                | 7826168        | 7636363                   | 8727271                 |
| 9       | 939303        | 2        | 9           | 90      | 1730             | 1054             | 0                | 8767423        | 8727272                   | 9818180                 |
| 10      | 1868267       | 3        | 9           | 100     | 1935             | 1550             | 1088             | 10638474       | 9818181                   | 10909089                |
| 11      | 510997        | 2        | 9           | 50      | 1703             | 1002             | 0                | 11154044       | 10909090                  | 11999998                |

Total number of pulses in waveform = 24

Waveform Num = 28  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 410210        | 3        | 18          | 55      | 1619             | 1995             | 1559             | 410210         | 0                         | 799999                  |
| 2       | 700702        | 1        | 18          | 55      | 1806             | 0                | 0                | 1116085        | 800000                    | 1599999                 |
| 3       | 607260        | 2        | 18          | 65      | 1584             | 1276             | 0                | 1725151        | 1600000                   | 2399999                 |
| 4       | 1130935       | 2        | 18          | 95      | 1687             | 1670             | 0                | 2858946        | 2400000                   | 3199999                 |
| 5       | 647097        | 2        | 18          | 80      | 1182             | 1190             | 0                | 3509400        | 3200000                   | 3999999                 |
| 6       | 1172000       | 2        | 18          | 85      | 1336             | 1635             | 0                | 4683772        | 4000000                   | 4799999                 |
| 7       | 702455        | 1        | 18          | 75      | 1413             | 0                | 0                | 5389198        | 4800000                   | 5599999                 |
| 8       | 823824        | 3        | 18          | 80      | 1661             | 1618             | 1233             | 6214435        | 5600000                   | 6399999                 |
| 9       | 353858        | 2        | 18          | 50      | 1746             | 1918             | 0                | 6572805        | 6400000                   | 7199999                 |
| 10      | 864083        | 3        | 18          | 90      | 1532             | 1464             | 1789             | 7440552        | 7200000                   | 7999999                 |
| 11      | 943894        | 3        | 18          | 60      | 1199             | 1816             | 1824             | 8389231        | 8000000                   | 8799999                 |
| 12      | 619642        | 1        | 18          | 65      | 1969             | 0                | 0                | 9013712        | 8800000                   | 9599999                 |
| 13      | 865712        | 3        | 18          | 95      | 1114             | 1046             | 1370             | 9881393        | 9600000                   | 10399999                |
| 14      | 1206795       | 1        | 18          | 65      | 1250             | 0                | 0                | 11091718       | 10400000                  | 11199999                |
| 15      | 360618        | 3        | 18          | 50      | 1662             | 1379             | 1019             | 11453586       | 11200000                  | 11999999                |

Total number of pulses in waveform = 32

Waveform Num = 29  
 Num of Bursts = 15  
 Burst Interval (us) = 800000

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 322706        | 1        | 19          | 55      | 1421             | 0                | 0                | 322706         | 0                         | 799999                  |
| 2       | 1207633       | 1        | 19          | 95      | 1833             | 0                | 0                | 1531760        | 800000                    | 1599999                 |
| 3       | 545397        | 2        | 19          | 55      | 1713             | 1961             | 0                | 2078990        | 1600000                   | 2399999                 |
| 4       | 320041        | 3        | 19          | 80      | 1473             | 1747             | 1147             | 2402705        | 2400000                   | 3199999                 |
| 5       | 1195757       | 3        | 19          | 65      | 1926             | 1884             | 1499             | 3602829        | 3200000                   | 3999999                 |
| 6       | 530497        | 3        | 19          | 90      | 1011             | 1653             | 1952             | 4138635        | 4000000                   | 4799999                 |
| 7       | 686166        | 2        | 19          | 90      | 1730             | 1054             | 0                | 4829417        | 4800000                   | 5599999                 |
| 8       | 1368426       | 3        | 19          | 100     | 1935             | 1550             | 1088             | 6200627        | 5600000                   | 6399999                 |
| 9       | 374271        | 2        | 19          | 50      | 1703             | 1002             | 0                | 6579471        | 6400000                   | 7199999                 |
| 10      | 1111158       | 2        | 19          | 95      | 1781             | 1105             | 0                | 7693334        | 7200000                   | 7999999                 |
| 11      | 945449        | 3        | 19          | 80      | 1516             | 1131             | 1139             | 8641669        | 8000000                   | 8799999                 |
| 12      | 374473        | 2        | 19          | 85      | 1285             | 1584             | 0                | 9019928        | 8800000                   | 9599999                 |
| 13      | 1125545       | 1        | 19          | 70      | 1832             | 0                | 0                | 10148342       | 9600000                   | 10399999                |
| 14      | 401395        | 3        | 19          | 80      | 1610             | 1567             | 1182             | 10551569       | 10400000                  | 11199999                |
| 15      | 1150147       | 2        | 19          | 70      | 1695             | 1336             | 0                | 11706075       | 11200000                  | 11999999                |

Total number of pulses in waveform = 33

```
Waveform Num = 30
Num of Bursts = 19
Burst Interval (us) = 631579
```

| Burst # | Off Time (us) | # Pulses | Chirp (MHz) | PW (us) | Pulse 1 Pri (us) | Pulse 2 Pri (us) | Pulse 3 Pri (us) | Start Loc (us) | Start Burst Interval (us) | End Burst Interval (us) |
|---------|---------------|----------|-------------|---------|------------------|------------------|------------------|----------------|---------------------------|-------------------------|
| 1       | 393831        | 2        | 8           | 70      | 1738             | 1721             | 0                | 393831         | 0                         | 631578                  |
| 2       | 510044        | 2        | 8           | 80      | 1233             | 1773             | 0                | 907334         | 631579                    | 1263157                 |
| 3       | 550962        | 2        | 8           | 55      | 1324             | 1624             | 0                | 1461302        | 1263158                   | 1894736                 |
| 4       | 553343        | 1        | 8           | 100     | 1871             | 0                | 0                | 2017593        | 1894737                   | 2526315                 |
| 5       | 650960        | 3        | 8           | 50      | 1649             | 1606             | 1221             | 2670424        | 2526316                   | 3157894                 |
| 6       | 712464        | 3        | 8           | 75      | 1735             | 1375             | 1675             | 3387364        | 3157895                   | 3789473                 |
| 7       | 886996        | 1        | 8           | 75      | 1453             | 0                | 0                | 4279145        | 3789474                   | 4421052                 |
| 8       | 316377        | 3        | 8           | 85      | 1700             | 1657             | 1272             | 4596975        | 4421053                   | 5052631                 |
| 9       | 906721        | 2        | 8           | 50      | 1785             | 1426             | 0                | 5508325        | 5052632                   | 5684210                 |
| 10      | 680658        | 3        | 8           | 65      | 1572             | 1504             | 1828             | 6192194        | 5684211                   | 6315789                 |
| 11      | 450394        | 3        | 8           | 65      | 1239             | 1323             | 1863             | 6647492        | 6315790                   | 6947368                 |
| 12      | 489100        | 1        | 8           | 70      | 1008             | 0                | 0                | 7141017        | 6947369                   | 7578947                 |
| 13      | 683264        | 3        | 8           | 95      | 1153             | 1554             | 1410             | 7825289        | 7578948                   | 8210526                 |
| 14      | 450533        | 3        | 8           | 65      | 1290             | 1906             | 1914             | 8279939        | 8210527                   | 8842105                 |
| 15      | 782783        | 1        | 8           | 70      | 1058             | 0                | 0                | 9067832        | 8842106                   | 9473684                 |
| 16      | 694685        | 2        | 8           | 100     | 1204             | 1136             | 0                | 9763575        | 9473685                   | 10105263                |
| 17      | 940599        | 2        | 8           | 65      | 1383             | 1340             | 0                | 10706514       | 10105264                  | 10736842                |
| 18      | 96536         | 2        | 8           | 55      | 1752             | 1469             | 0                | 10805773       | 10736843                  | 11368421                |
| 19      | 676990        | 2        | 8           | 80      | 1982             | 1255             | 0                | 11485984       | 11368422                  | 12000000                |

Total number of pulses in waveform = 41