

## **Dynamic Frequency Test Report**

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## 1. Test Configurations

Results for the following configurations are provided in this report:

| Operational Mode(s)<br>(802.11a/b/g/n/ac) | Data Rate with Highest Power<br>MBit/s | Channel Frequency (MHz) |     |      |
|-------------------------------------------|----------------------------------------|-------------------------|-----|------|
|                                           |                                        | Low                     | Mid | High |
| 5470 - 5725 MHz                           |                                        |                         |     |      |
| a                                         | 6                                      | 5,500.00                | --  | --   |
| ac-160                                    | 58.6                                   | 5,570.00                | --  | --   |
| ac-80                                     | 29.3                                   | 5,530.00                | --  | --   |
| HT-20                                     | 6.5                                    | 5,500.00                | --  | --   |
| HT-40                                     | 13.5                                   | 5,510.00                | --  | --   |

## 2. TEST RESULTS

### 2.1. Dynamic Frequency Selection (DFS)

| Test Conditions for Dynamic Frequency Selection (DFS) |                                                                                                                                                                                                                                             |                                             |                                        |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------|
| <b>Standard:</b>                                      | FCC 15.407                                                                                                                                                                                                                                  | <b>Ambient Temp. (°C):</b>                  | 20.0 - 24.5                            |
| <b>Test Heading:</b>                                  | Dynamic Frequency Selection (DFS)                                                                                                                                                                                                           | <b>Rel. Humidity (%):</b>                   | 32 - 45                                |
| <b>Standard Section(s):</b>                           | KDB 905462                                                                                                                                                                                                                                  | <b>Pressure (mBars):</b>                    | 999 - 1001                             |
| <b>EUT Type:</b>                                      | Master                                                                                                                                                                                                                                      | <b>Frequency Bands:</b>                     | 5,250 – 5,350 MHz<br>5,470 – 5,725 MHz |
| <b>Test Environment:</b>                              | Conducted                                                                                                                                                                                                                                   | <b>Antenna Gain used for Testing:</b>       | 4 dBi                                  |
| <b>Detection Threshold:</b>                           | -64 dBm                                                                                                                                                                                                                                     | <b>Test Radar Level: (Threshold + Gain)</b> | -60 dBm                                |
| <b>Number of Antenna Chains:</b>                      | 4                                                                                                                                                                                                                                           | <b>Duty Cycle Target:</b>                   | ≥ 17.00%                               |
| <b>Transmit Power:</b>                                | +23 dBm                                                                                                                                                                                                                                     | <b>Minimum Data Rate:</b>                   | 6 Mbit/s / MCS0                        |
| <b>Uniform Loading:</b>                               | For the above frequency band(s) the manufacturer declared that the device provides an aggregate uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm. |                                             |                                        |
| <b>Communication Method:</b>                          | The requisite MPEG video file ("TestFile.mpg" available on the NTIA website at the following link <a href="http://ntiacsd.ntia.doc.gov/dfs/">http://ntiacsd.ntia.doc.gov/dfs/</a> ) is used during this video stream.                       |                                             |                                        |
| <b>Engineer Notes:</b>                                |                                                                                                                                                                                                                                             |                                             |                                        |

#### Master Devices

a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 – 5350 MHz and 5470 – 5725 MHz bands. DFS is not required in the 5150 – 5250 MHz or 5725 – 5850 MHz bands.

b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.

c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.

d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).

e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.

f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.

g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

### 2.1.1. DFS Detection Thresholds

The table below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

#### DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

| Maximum Transmit Power                                                         | Value (see Notes 1, 2 and 3) |
|--------------------------------------------------------------------------------|------------------------------|
| EIRP $\geq$ 200 milliwatt                                                      | -64 dBm                      |
| EIRP $>$ 200 milliwatt and power density $\leq$ 10 dBm/MHz                     | -62 dBm                      |
| EIRP $>$ 200 milliwatt that do not meet the power spectral density requirement | -64 dBm                      |

**NOTE 1:** This is the level at the input of the receiver assuming a 0 dBi receive antenna

**NOTE 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

**NOTE 3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

### 2.1.2. Response Requirements

The following table provides the response requirements for Master and Client Devices incorporating DFS.

#### DFS Response Requirement Values

| Parameter                         | Value                                                                                                 |
|-----------------------------------|-------------------------------------------------------------------------------------------------------|
| Non-Occupancy Period              | Minimum 30 minutes                                                                                    |
| Channel Availability Check Time   | 60 seconds                                                                                            |
| Channel Move Time                 | 10 seconds, see NOTE 1                                                                                |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period, see NOTES 1 and 2 |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth, see NOTE 3                                |

**NOTE 1:** Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

**NOTE 2:** The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

**NOTE 3:** During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 2.1.3. Radar Test Waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

#### 2.1.3.1. Short Radar Pulses

##### Short Pulse Radar Test Waveforms

| Radar Type                  | Pulse Width (μS) | PRI (μS)                                                                                                                                           | Number of Pulses                                                                                                                     | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|-----------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------|
| 0                           | 1                | 1428                                                                                                                                               | 18                                                                                                                                   | See Note 1                                 | See Note 1               |
| 1                           | 1                | Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a                                                          | $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 60%                                        | 30                       |
|                             |                  | Test B: 15 unique PRI values randomly selected in the range 518-3066 μS, with a minimum increment of 1 μS, excluding PRI values selected in Test A |                                                                                                                                      |                                            |                          |
| 2                           | 1-5              | 150-230                                                                                                                                            | 23-29                                                                                                                                | 60%                                        | 30                       |
| 3                           | 6-10             | 200-500                                                                                                                                            | 16-18                                                                                                                                | 60%                                        | 30                       |
| 4                           | 11-20            | 200-500                                                                                                                                            | 12-16                                                                                                                                | 60%                                        | 30                       |
| Aggregate (Radar Types 1-4) |                  |                                                                                                                                                    |                                                                                                                                      | 80%                                        | 120                      |

Note 1: Short Radar Pulse Type 0 should be used for the Detection Bandwidth test, Channel Move Time and Channel Closing Time tests

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

### 2.1.3.2. Long Radar Pulse Test

#### Long Pulse Radar Test Waveforms

| Radar Type | Pulse Width (µsec) | Chirp Width (MHz) | PRI (µsec) | Number of Pulses per Burst | Number of Bursts | Minimum Percentage of Successful Detection | Minimum Trials |
|------------|--------------------|-------------------|------------|----------------------------|------------------|--------------------------------------------|----------------|
| 5          | 50-100             | 5-20              | 1000-2000  | 1-3                        | 8-20             | 80%                                        | 30             |

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms.

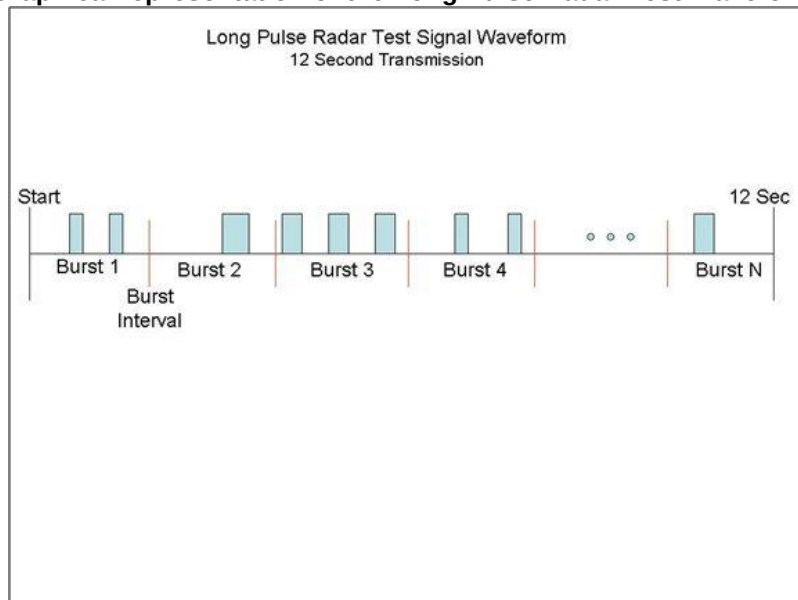
Each waveform is defined as follows:

1. The transmission period for the Long Pulse Radar test signal is 12 seconds.
2. There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst Count.
3. Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.
4. The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.
5. Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
6. If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.
7. The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst\_Count. Each interval is of length  $(12,000,000 / \text{Burst\_Count})$  microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and  $[(12,000,000 / \text{Burst\_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$  microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

**A representative example of a Long Pulse radar test waveform:**

1. The total test signal length is 12 seconds.
2. 8 Bursts are randomly generated for the Burst\_Count
3. Burst 1 has 2 randomly generated pulses.
4. The pulse width (for both pulses) is randomly selected to be 75 microseconds.
5. The PRI is randomly selected to be at 1213 microseconds.
6. Bursts 2 through 8 are generated using steps 3 – 5.
7. Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).

**Graphical representation of the Long Pulse Radar Test Waveform.**



### 2.1.3.3. Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Minimum Percentage of Successful Detection | Minimum Trials |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|--------------------------------------------|----------------|
| 6          | 1                  | 333        | 9              | .333               | 300                            | 70%                                        | 30             |

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

### 2.1.4. Radar Waveform Calibration

The following equipment setup was used to calibrate the Radar Waveform. A spectrum analyzer was used to establish the test signal level for each radar type. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) mode at the frequency of the Radar Waveform generator. Peak detection was utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz.

The signal generator amplitude was set so that the power level measured at the spectrum analyzer was equal to the DFS detection threshold +1dB (Ref Section 9.2).

## **2.1.5. Channel Availability Check**

### **2.1.5.4. Initial CAC**

This test verifies that the EUT does not emit pulse, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for Radar Waveforms for one minute on the test Channel. This test does not use any Radar Waveforms.

The EUT is instructed to power up at the appropriate center frequency. The spectrum analyzer is set on zero span with a 1 MHz resolution bandwidth and 300 second sweep time to monitor the RF output of the EUT during power up. The analyzer's sweep will be started the same time power is applied to the U-NII device.

The EUT should not transmit any pulse or data transmissions until at least 1 minute after the completion of the power-on cycle.

The first red vertical line shown on the following plot denotes the instant when the EUT completes its power-up sequence i.e. T0 (as defined within the FCC's KDB 905462 D02 Section 4.1). The power-up reference T0 is determined by the time it takes for the EUT to start "beaconing" i.e. initial beacon - 60 secs = end of power-up.

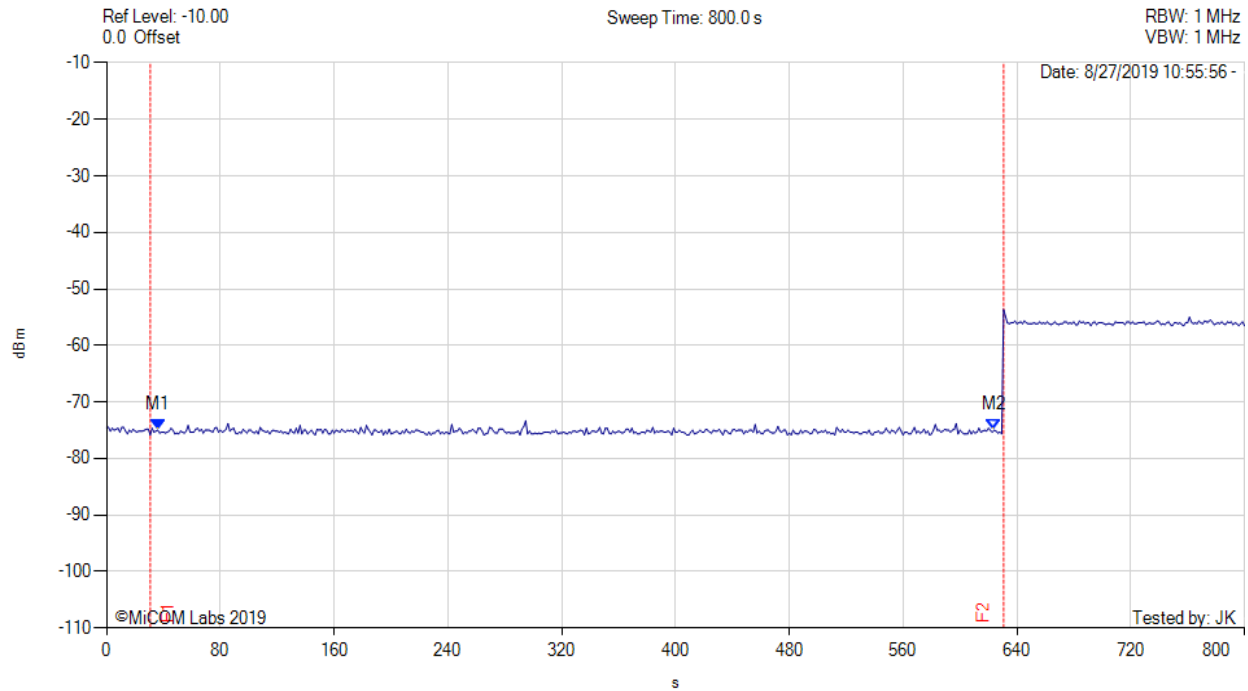
The Channel Availability Check Time commences at instant T0 and will end no sooner than T0 + 60 seconds. T0 + 60 is indicated on the plot by the second vertical line.

**NOTE:** The EUT implements a 10-minute CAC check when on ac-160, therefore all measurements have been modified to account for the extra time.

# INITIAL CAC



Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle: 17.00%, Antenna Gain: 4.00 dBi



| Analyzer Setup                                                              | Marker:Time:Amplitude                                       | Test Results                                                       |
|-----------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|
| Detector = POS<br>Sweep Count = View<br>RF Atten (dB) = 0<br>Trace Mode = 0 | M1 : 36.000 s : -75.000 dBm<br>M2 : 624.000 s : -75.000 dBm | Channel Frequency: 5570.00 MHz<br>Monitored Frequency: 5500.00 MHz |

#### 2.1.5.5. Beginning CAC

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold +1dB (Ref Section 9.2) occurs at the beginning of the Channel Availability Check Time.

A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T0 (first red vertical marker line on the plot).

Visual indication on the EUT of successful detection of the radar Burst is recorded and reported. Observation of emissions at the appropriate center frequency will continue for 2.5 minutes after the radar burst has been generated.

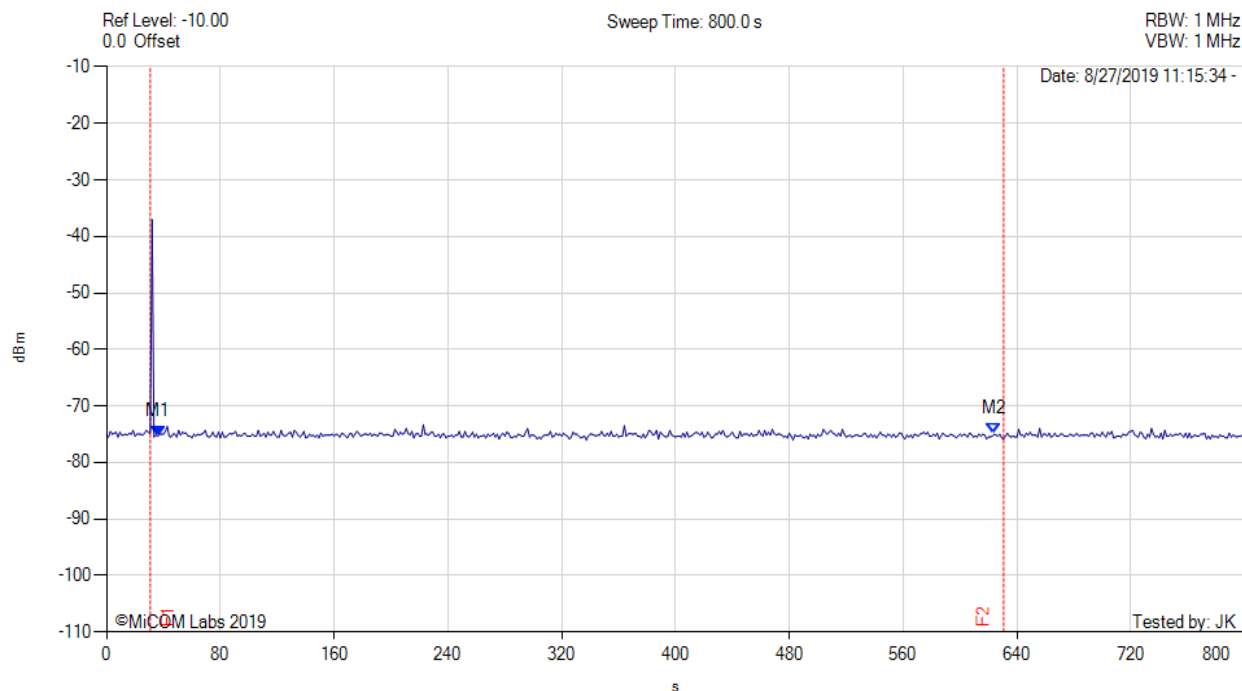
T0 + 60 is indicated on the plot by the second vertical line.

**NOTE:** The EUT implements a 10-minute CAC check when on ac-160, therefore all measurements have been modified to account for the extra time.

# BEGINNING CAC



Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle : 17.00%, Antenna Gain: 4.00 dBi



| Analyzer Setup                                                              | Marker:Time:Amplitude                                       | Test Results                                                       |
|-----------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|
| Detector = POS<br>Sweep Count = View<br>RF Atten (dB) = 0<br>Trace Mode = 0 | M1 : 36.000 s : -75.330 dBm<br>M2 : 624.000 s : -75.000 dBm | Channel Frequency: 5570.00 MHz<br>Monitored Frequency: 5500.00 MHz |

#### 2.1.5.6. End CAC

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold occurs at the end of the Channel Availability Check Time.

A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at  $T_0 + 54$  seconds. The window will commence at marker 3 and end at the red time line  $T_2$  ( $T_0 + 60$  secs)

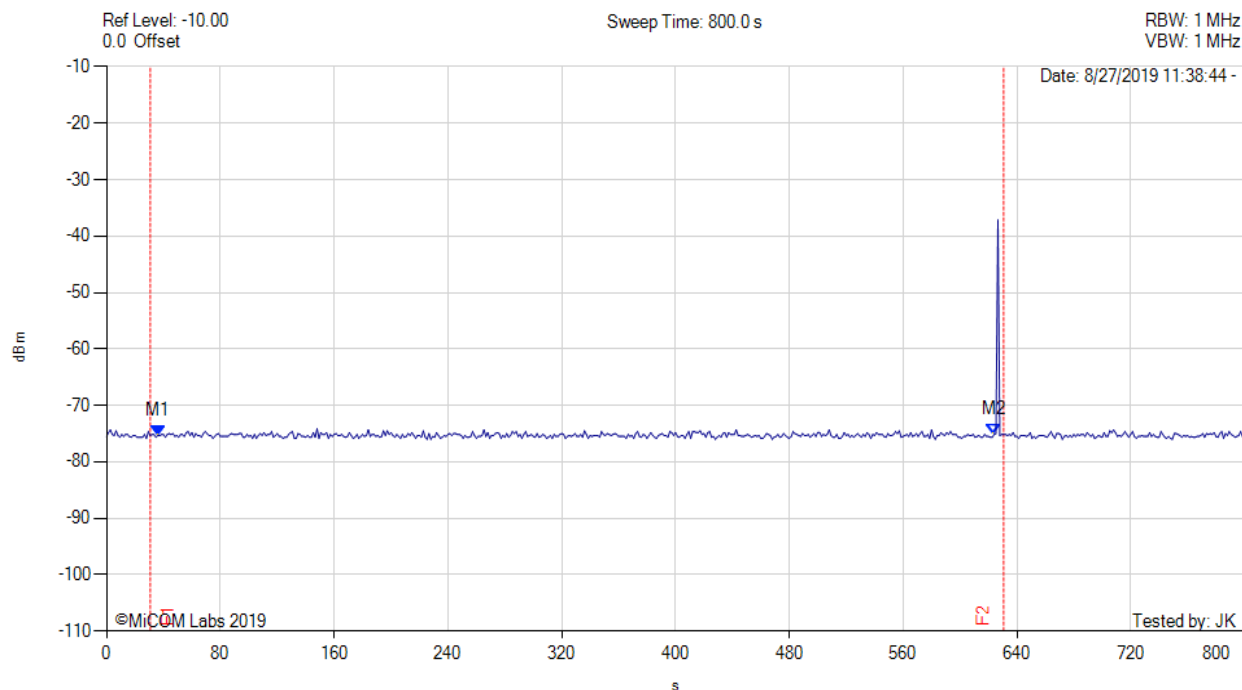
Visual indication on the EUT of successful detection of the radar Burst is recorded and reported. Observation of emissions at the appropriate center frequency will continue for 2.5 minutes after the radar burst has been generated.

**NOTE:** The EUT implements a 10-minute CAC check when on ac-160, therefore all measurements have been modified to account for the extra time.

END CAC



Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle : 17.00%, Antenna Gain: 4.00 dBi



| Analyzer Setup                                                              | Marker:Time:Amplitude                                       | Test Results                                                       |
|-----------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|
| Detector = POS<br>Sweep Count = View<br>RF Atten (dB) = 0<br>Trace Mode = 0 | M1 : 36.000 s : -75.330 dBm<br>M2 : 624.000 s : -75.160 dBm | Channel Frequency: 5570.00 MHz<br>Monitored Frequency: 5500.00 MHz |

#### **2.1.6. Channel Close / Transmission Time**

The steps below define the procedure to determine the above-mentioned parameters when a radar burst with a level of up to 10 dB above the DFS Detection threshold is injected on the Operating Channel of the EUT.

Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Compare the Channel Move Time and Channel Closing Transmission Time results to the limits defined in the DFS Response requirement values table.

##### **Channel Closing Transmission Time - Measurement**

The reference radar signature was introduced to the EUT, from which a 11 second transmission record was captured, as well as 1000ms of pre-trigger data. The Reference radar type was triggered to play at the exact time allowing the end of the pulse to occur at time  $t=0$ .

The system was setup to capture data for all transmission events above a given threshold level as determined and adjusted by the test engineer. The system time stamps all captured events with respect to T0 (zero time indicating the start of the measurement sequence) starting at the end of the radar pulse indicated by the purple vertical marker line in the Plot (on the next page).

The system captured data over a 12 second period at 10 points per microsecond. The data is analyzed by counting all "bursts" that occur above the threshold limit and aggregating the time each burst is on. The data is then compressed for presentation in one 12 second segment showing all of the activity recorded over the period.

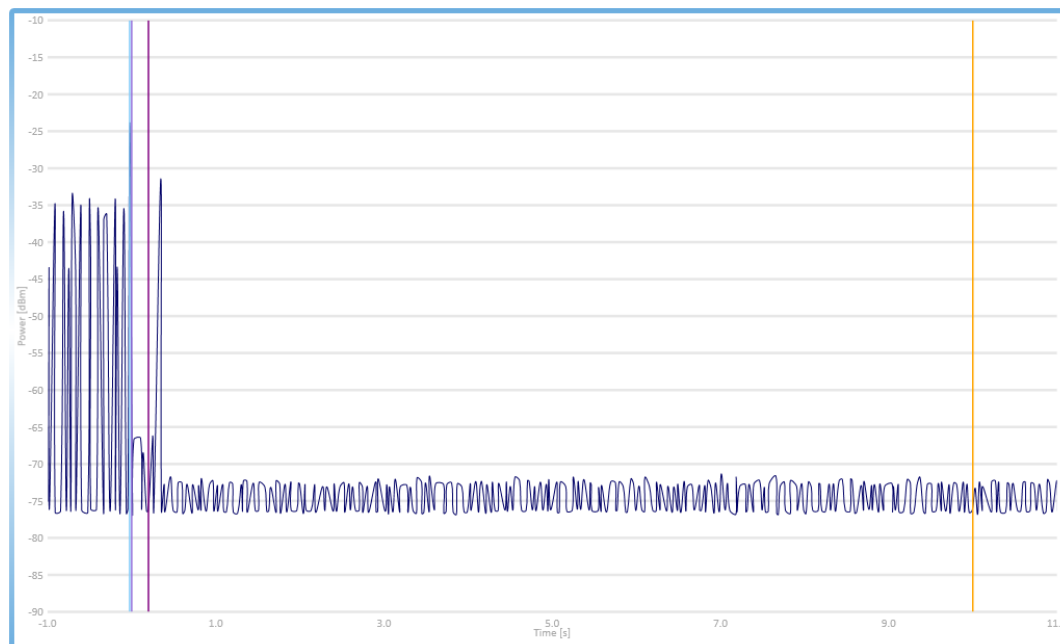
## 802.11ac-160 Channel 5570 MHz; Observed Frequency 5500 MHz

The system measures and aggregates the pulses occurring after the end of the radar pulse to determine the following parameters: -

| Test Heading                      | Time (Secs) | Limit (Secs) | Status   |
|-----------------------------------|-------------|--------------|----------|
| Channel Closing Transmission Time | 0.000600    | 0.260        | Complies |
| Channel Move Time                 | 0.361772    | 10.0         | Complies |



### Channel Move Time, Channel Closing Transmission Time 0-12 Second Capture



Calculation Threshold: -70

#### Marker Info

|                   |           |
|-------------------|-----------|
| Start Waveform    | -0.024275 |
| End Waveform      | 0.000000  |
| First Boundary    | 0.200000  |
| Main Boundary     | 10.000000 |
| Channel Move Time | 0.361772  |

#### Aggregates

|                  |          |
|------------------|----------|
| First Boundary:  | 0.000000 |
| Burst Quantity:  | 0        |
| Second Boundary: | 0.000600 |
| Burst Quantity:  | 436      |
| Total:           | 0.000600 |
| Burst Quantity:  | 436      |

#### **2.1.7. Non-Occupancy Period**

The EUT is monitored for more than 30 minutes following the channel close/move time to verify no transmissions resume on this Channel.

The device when triggered by the radar signature vacates the channel for a minimum period of 30 minutes per the standard. During this period the device can (assuming compliance to full DFS regulations) move to another frequency channel. It could also remain on the same channel and if this is the case the transmitter must remain muted for a period of 30 minutes.

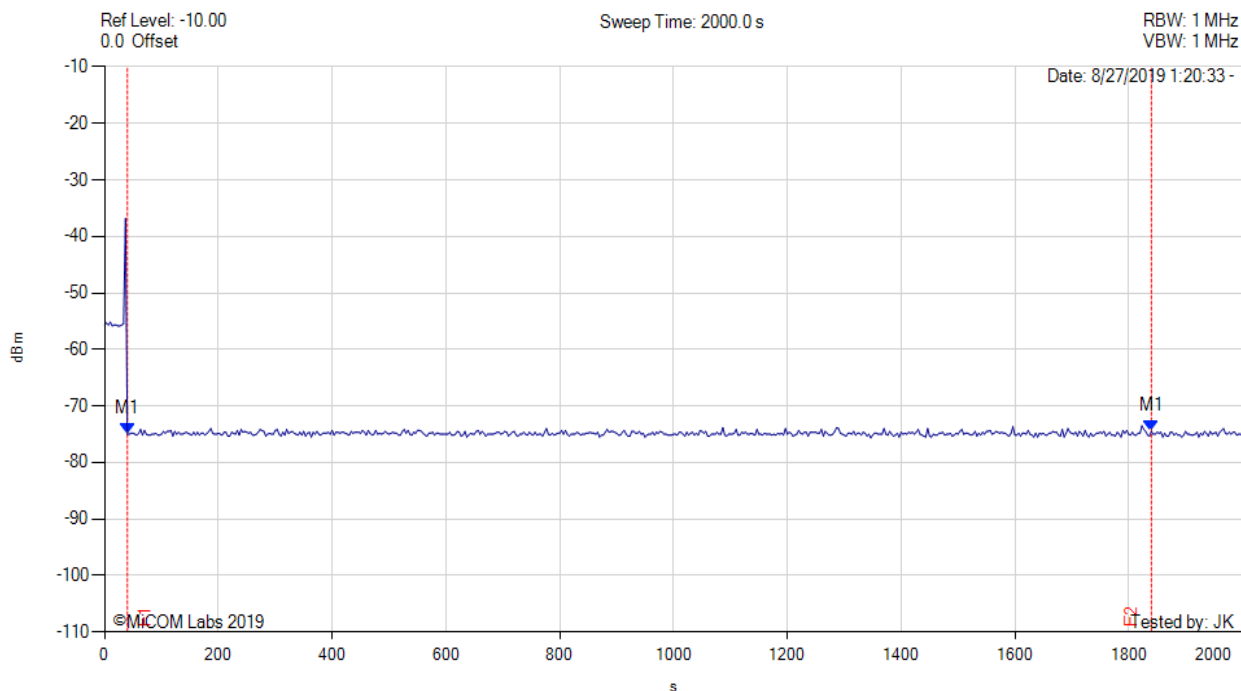
If the transmitter has moved to another channel it cannot return and transmit on the original channel for an elapsed period of 30 minutes.

In the measured plots the period between the vertical frequency lines F1 and F2 = 30 minutes and therefore no EUT transmissions should occur between these two markers.

# NON-OCCUPANCY PERIOD



Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle : 17.00%, Antenna Gain: 4.00 dBi



| Analyzer Setup                                                              | Marker:Time:Amplitude                                        | Test Results                                                       |
|-----------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|
| Detector = POS<br>Sweep Count = View<br>RF Atten (dB) = 0<br>Trace Mode = 0 | M1 : 40.000 s : -75.000 dBm<br>M1 : 1840.000 s : -74.500 dBm | Channel Frequency: 5570.00 MHz<br>Monitored Frequency: 5500.00 MHz |

### 2.1.8. Probability of Detection

The steps below define the procedure to determine the minimum percentage of detection when a radar burst with a level equal to the DFS Detection Threshold is generated on the Operating Channel of the U-NII device.

The Radar Waveform generator sends the individual waveform for each of the radar Types 1-6. Statistical data will be gathered to determine the ability of the device to detect the radar test waveforms. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The percentage of successful detection is calculated by:

$$\text{Total \# of detections} \div \text{Total \# of Trials} \times 100 = \text{Probability of Detection}$$

The Minimum number of trails, minimum percentage of successful detection and the average minimum percentage of successful detection are found in the Radar Test Waveforms section.

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4. For example, the following table indicates how to compute the aggregate of percentage of successful detections;

#### Example - Calculation of Aggregate Percentage

| Radar Type                                           | Number of Trials | Number of Successful Detections | Percentage of Successful Detections |
|------------------------------------------------------|------------------|---------------------------------|-------------------------------------|
| 1                                                    | 35               | 29                              | 82.9%                               |
| 2                                                    | 30               | 18                              | 60.0%                               |
| 3                                                    | 30               | 27                              | 90.0%                               |
| 4                                                    | 30               | 44                              | 88.0%                               |
| Aggregate (82.9% + 60.0% + 90.0% +88.0%) / 4 = 80.2% |                  |                                 |                                     |

#### 802.11a - 5500 MHz

| Statistical Performance Check                                        |                  |                                 |                                     |          |                           |
|----------------------------------------------------------------------|------------------|---------------------------------|-------------------------------------|----------|---------------------------|
| Radar Type                                                           | Number of Trials | Number of Successful Detections | Percentage of Successful Detections | Result   | Data Link                 |
| Radar Type 1                                                         | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 2                                                         | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 3                                                         | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 4                                                         | 30               | 28                              | 93.33%                              | Complies | <a href="#">View Data</a> |
| <b>Aggregate (100.00% + 100.00% + 100.00% + 93.33%) / 4 = 98.33%</b> |                  |                                 |                                     | Complies | --                        |
| Radar Type 5                                                         | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 6                                                         | 30               | 23                              | 76.67%                              | Complies | <a href="#">View Data</a> |

#### 802.11ac-160 - 5570 MHz

| Statistical Performance Check                                      |                  |                                 |                                     |          |                           |
|--------------------------------------------------------------------|------------------|---------------------------------|-------------------------------------|----------|---------------------------|
| Radar Type                                                         | Number of Trials | Number of Successful Detections | Percentage of Successful Detections | Result   | Data Link                 |
| Radar Type 1                                                       | 30               | 28                              | 93.33%                              | Complies | <a href="#">View Data</a> |
| Radar Type 2                                                       | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 3                                                       | 30               | 27                              | 90.00%                              | Complies | <a href="#">View Data</a> |
| Radar Type 4                                                       | 30               | 25                              | 83.33%                              | Complies | <a href="#">View Data</a> |
| <b>Aggregate (93.33% + 100.00% + 90.00% + 83.33%) / 4 = 91.67%</b> |                  |                                 |                                     | Complies | --                        |
| Radar Type 5                                                       | 30               | 28                              | 93.33%                              | Complies | <a href="#">View Data</a> |
| Radar Type 6                                                       | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |

#### 802.11ac-80 - 5530 MHz

| Statistical Performance Check                                     |                  |                                 |                                     |          |                           |
|-------------------------------------------------------------------|------------------|---------------------------------|-------------------------------------|----------|---------------------------|
| Radar Type                                                        | Number of Trials | Number of Successful Detections | Percentage of Successful Detections | Result   | Data Link                 |
| Radar Type 1                                                      | 30               | 28                              | 93.33%                              | Complies | <a href="#">View Data</a> |
| Radar Type 2                                                      | 30               | 24                              | 80.00%                              | Complies | <a href="#">View Data</a> |
| Radar Type 3                                                      | 30               | 29                              | 96.67%                              | Complies | <a href="#">View Data</a> |
| Radar Type 4                                                      | 30               | 24                              | 80.00%                              | Complies | <a href="#">View Data</a> |
| <b>Aggregate (93.33% + 80.00% + 96.67% + 80.00%) / 4 = 87.50%</b> |                  |                                 |                                     | Complies | --                        |
| Radar Type 5                                                      | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 6                                                      | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |

#### 802.11n HT-40 - 5510 MHz

| Statistical Performance Check                                          |                  |                                 |                                     |          |                           |
|------------------------------------------------------------------------|------------------|---------------------------------|-------------------------------------|----------|---------------------------|
| Radar Type                                                             | Number of Trials | Number of Successful Detections | Percentage of Successful Detections | Result   | Data Link                 |
| Radar Type 1                                                           | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 2                                                           | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 3                                                           | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 4                                                           | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| <b>Aggregate (100.00% + 100.00% + 100.00% + 100.00%) / 4 = 100.00%</b> |                  |                                 |                                     | Complies | --                        |
| Radar Type 5                                                           | 30               | 30                              | 100.00%                             | Complies | <a href="#">View Data</a> |
| Radar Type 6                                                           | 30               | 29                              | 96.67%                              | Complies | <a href="#">View Data</a> |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

#### Equipment Configuration for Radar Type 1

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11a     | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | 6 Mbit/s    | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5500.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5494              | 1                | 538      | 99       | 1          | 1          | 100.00         | Detected    |
| 5499              | 1                | 878      | 61       | 1          | 1          | 100.00         | Detected    |
| 5504              | 1                | 738      | 72       | 1          | 1          | 100.00         | Detected    |
| 5494              | 1                | 658      | 81       | 1          | 1          | 100.00         | Detected    |
| 5501              | 1                | 598      | 89       | 1          | 1          | 100.00         | Detected    |
| 5506              | 1                | 3066     | 18       | 1          | 1          | 100.00         | Detected    |
| 5501              | 1                | 918      | 58       | 1          | 1          | 100.00         | Detected    |
| 5508              | 1                | 638      | 83       | 1          | 1          | 100.00         | Detected    |
| 5501              | 1                | 718      | 74       | 1          | 1          | 100.00         | Detected    |
| 5509              | 1                | 558      | 95       | 1          | 1          | 100.00         | Detected    |
| 5504              | 1                | 698      | 76       | 1          | 1          | 100.00         | Detected    |
| 5493              | 1                | 618      | 86       | 1          | 1          | 100.00         | Detected    |
| 5507              | 1                | 578      | 92       | 1          | 1          | 100.00         | Detected    |
| 5507              | 1                | 838      | 63       | 1          | 1          | 100.00         | Detected    |
| 5493              | 1                | 798      | 67       | 1          | 1          | 100.00         | Detected    |
| 5501              | 1                | 678      | 78       | 1          | 1          | 100.00         | Detected    |
| 5502              | 1                | 2385     | 23       | 1          | 1          | 100.00         | Detected    |
| 5504              | 1                | 1267     | 42       | 1          | 1          | 100.00         | Detected    |
| 5501              | 1                | 1085     | 49       | 1          | 1          | 100.00         | Detected    |
| 5503              | 1                | 1937     | 28       | 1          | 1          | 100.00         | Detected    |
| 5495              | 1                | 2454     | 22       | 1          | 1          | 100.00         | Detected    |
| 5503              | 1                | 2890     | 19       | 1          | 1          | 100.00         | Detected    |
| 5500              | 1                | 843      | 63       | 1          | 1          | 100.00         | Detected    |
| 5505              | 1                | 1941     | 28       | 1          | 1          | 100.00         | Detected    |
| 5494              | 1                | 1139     | 47       | 1          | 1          | 100.00         | Detected    |
| 5506              | 1                | 2159     | 25       | 1          | 1          | 100.00         | Detected    |
| 5502              | 1                | 3028     | 18       | 1          | 1          | 100.00         | Detected    |
| 5495              | 1                | 2749     | 20       | 1          | 1          | 100.00         | Detected    |
| 5508              | 1                | 1432     | 37       | 1          | 1          | 100.00         | Detected    |
| 5507              | 1                | 2216     | 24       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 2

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11a     | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | 6 Mbit/s    | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5500.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5502              | 3                | 163      | 23       | 1          | 1          | 100.00         | Detected    |
| 5501              | 4                | 177      | 28       | 1          | 1          | 100.00         | Detected    |
| 5494              | 4                | 204      | 25       | 1          | 1          | 100.00         | Detected    |
| 5504              | 3                | 213      | 29       | 1          | 1          | 100.00         | Detected    |
| 5502              | 1                | 197      | 28       | 1          | 1          | 100.00         | Detected    |
| 5496              | 2                | 184      | 29       | 1          | 1          | 100.00         | Detected    |
| 5501              | 5                | 182      | 27       | 1          | 1          | 100.00         | Detected    |
| 5500              | 5                | 180      | 24       | 1          | 1          | 100.00         | Detected    |
| 5497              | 1                | 227      | 27       | 1          | 1          | 100.00         | Detected    |
| 5502              | 3                | 179      | 28       | 1          | 1          | 100.00         | Detected    |
| 5505              | 5                | 179      | 26       | 1          | 1          | 100.00         | Detected    |
| 5501              | 3                | 224      | 24       | 1          | 1          | 100.00         | Detected    |
| 5494              | 2                | 170      | 28       | 1          | 1          | 100.00         | Detected    |
| 5505              | 1                | 180      | 25       | 1          | 1          | 100.00         | Detected    |
| 5493              | 2                | 194      | 27       | 1          | 1          | 100.00         | Detected    |
| 5498              | 4                | 177      | 25       | 1          | 1          | 100.00         | Detected    |
| 5495              | 3                | 150      | 28       | 1          | 1          | 100.00         | Detected    |
| 5500              | 1                | 178      | 23       | 1          | 1          | 100.00         | Detected    |
| 5506              | 5                | 229      | 25       | 1          | 1          | 100.00         | Detected    |
| 5508              | 5                | 174      | 23       | 1          | 1          | 100.00         | Detected    |
| 5509              | 2                | 185      | 24       | 1          | 1          | 100.00         | Detected    |
| 5502              | 4                | 182      | 24       | 1          | 1          | 100.00         | Detected    |
| 5502              | 4                | 194      | 25       | 1          | 1          | 100.00         | Detected    |
| 5491              | 4                | 176      | 23       | 1          | 1          | 100.00         | Detected    |
| 5502              | 1                | 178      | 23       | 1          | 1          | 100.00         | Detected    |
| 5500              | 1                | 206      | 23       | 1          | 1          | 100.00         | Detected    |
| 5508              | 1                | 222      | 29       | 1          | 1          | 100.00         | Detected    |
| 5493              | 1                | 178      | 24       | 1          | 1          | 100.00         | Detected    |
| 5509              | 3                | 204      | 24       | 1          | 1          | 100.00         | Detected    |
| 5496              | 1                | 211      | 26       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |



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**To:** FCC CFR 47 Part 15 Subpart E 15.407  
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#### Equipment Configuration for Radar Type 3

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11a     | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | 6 Mbit/s    | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5500.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5492              | 9                | 233      | 18       | 1          | 1          | 100.00         | Detected    |
| 5501              | 6                | 223      | 16       | 1          | 1          | 100.00         | Detected    |
| 5501              | 10               | 436      | 18       | 1          | 1          | 100.00         | Detected    |
| 5500              | 7                | 379      | 18       | 1          | 1          | 100.00         | Detected    |
| 5500              | 7                | 273      | 17       | 1          | 1          | 100.00         | Detected    |
| 5505              | 8                | 223      | 17       | 1          | 1          | 100.00         | Detected    |
| 5496              | 7                | 290      | 17       | 1          | 1          | 100.00         | Detected    |
| 5491              | 6                | 441      | 17       | 1          | 1          | 100.00         | Detected    |
| 5495              | 9                | 492      | 18       | 1          | 1          | 100.00         | Detected    |
| 5492              | 10               | 359      | 18       | 1          | 1          | 100.00         | Detected    |
| 5492              | 9                | 306      | 16       | 1          | 1          | 100.00         | Detected    |
| 5495              | 8                | 427      | 18       | 1          | 1          | 100.00         | Detected    |
| 5507              | 10               | 405      | 18       | 1          | 1          | 100.00         | Detected    |
| 5508              | 7                | 442      | 17       | 1          | 1          | 100.00         | Detected    |
| 5504              | 8                | 357      | 16       | 1          | 1          | 100.00         | Detected    |
| 5505              | 8                | 231      | 17       | 1          | 1          | 100.00         | Detected    |
| 5493              | 7                | 403      | 18       | 1          | 1          | 100.00         | Detected    |
| 5495              | 10               | 420      | 17       | 1          | 1          | 100.00         | Detected    |
| 5506              | 7                | 299      | 16       | 1          | 1          | 100.00         | Detected    |
| 5493              | 10               | 313      | 18       | 1          | 1          | 100.00         | Detected    |
| 5501              | 8                | 401      | 16       | 1          | 1          | 100.00         | Detected    |
| 5499              | 10               | 361      | 18       | 1          | 1          | 100.00         | Detected    |
| 5509              | 7                | 494      | 17       | 1          | 1          | 100.00         | Detected    |
| 5497              | 7                | 240      | 17       | 1          | 1          | 100.00         | Detected    |
| 5503              | 10               | 236      | 18       | 1          | 1          | 100.00         | Detected    |
| 5505              | 6                | 351      | 18       | 1          | 1          | 100.00         | Detected    |
| 5493              | 6                | 231      | 17       | 1          | 1          | 100.00         | Detected    |
| 5491              | 10               | 332      | 18       | 1          | 1          | 100.00         | Detected    |
| 5493              | 9                | 425      | 16       | 1          | 1          | 100.00         | Detected    |
| 5507              | 10               | 487      | 16       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

#### Equipment Configuration for Radar Type 4

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11a     | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | 6 Mbit/s    | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5500.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5506              | 18               | 429      | 16       | 1          | 1          | 100.00         | Detected     |
| 5508              | 12               | 283      | 14       | 1          | 0          | 0.00           | Not Detected |
| 5495              | 18               | 304      | 13       | 1          | 1          | 100.00         | Detected     |
| 5504              | 15               | 240      | 14       | 1          | 1          | 100.00         | Detected     |
| 5491              | 18               | 214      | 13       | 1          | 1          | 100.00         | Detected     |
| 5505              | 20               | 471      | 12       | 1          | 1          | 100.00         | Detected     |
| 5508              | 12               | 332      | 15       | 1          | 1          | 100.00         | Detected     |
| 5500              | 20               | 402      | 15       | 1          | 1          | 100.00         | Detected     |
| 5509              | 19               | 219      | 16       | 1          | 1          | 100.00         | Detected     |
| 5495              | 17               | 211      | 16       | 1          | 1          | 100.00         | Detected     |
| 5505              | 16               | 298      | 13       | 1          | 1          | 100.00         | Detected     |
| 5499              | 13               | 241      | 15       | 1          | 0          | 0.00           | Not Detected |
| 5500              | 13               | 257      | 12       | 1          | 1          | 100.00         | Detected     |
| 5507              | 16               | 337      | 16       | 1          | 1          | 100.00         | Detected     |
| 5507              | 16               | 484      | 16       | 1          | 1          | 100.00         | Detected     |
| 5504              | 16               | 218      | 13       | 1          | 1          | 100.00         | Detected     |
| 5493              | 17               | 266      | 16       | 1          | 1          | 100.00         | Detected     |
| 5499              | 12               | 274      | 14       | 1          | 1          | 100.00         | Detected     |
| 5503              | 11               | 388      | 13       | 1          | 1          | 100.00         | Detected     |
| 5503              | 17               | 415      | 15       | 1          | 1          | 100.00         | Detected     |
| 5509              | 19               | 260      | 13       | 1          | 1          | 100.00         | Detected     |
| 5504              | 16               | 451      | 14       | 1          | 1          | 100.00         | Detected     |
| 5499              | 13               | 234      | 15       | 1          | 1          | 100.00         | Detected     |
| 5503              | 13               | 272      | 13       | 1          | 1          | 100.00         | Detected     |
| 5500              | 11               | 236      | 16       | 1          | 1          | 100.00         | Detected     |
| 5491              | 14               | 259      | 13       | 1          | 1          | 100.00         | Detected     |
| 5509              | 18               | 351      | 16       | 1          | 1          | 100.00         | Detected     |
| 5508              | 13               | 246      | 12       | 1          | 1          | 100.00         | Detected     |
| 5507              | 13               | 451      | 16       | 1          | 1          | 100.00         | Detected     |
| 5498              | 19               | 375      | 15       | 1          | 1          | 100.00         | Detected     |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>28</b>  | <b>93.33</b>   | <b>Pass</b>  |



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**To:** FCC CFR 47 Part 15 Subpart E 15.407  
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#### Equipment Configuration for Radar Type 5

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11a     | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | 6 Mbit/s    | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5500.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Burst Segment     | Injections | Detections | Detection Rate | Result      |
|-------------------|------------|------------|----------------|-------------|
| Type 5 #1 5500    | 1          | 1          | 100.00         | Detected    |
| Type 5 #2 5499    | 1          | 1          | 100.00         | Detected    |
| Type 5 #3 5504    | 1          | 1          | 100.00         | Detected    |
| Type 5 #4 5497    | 1          | 1          | 100.00         | Detected    |
| Type 5 #5 5500    | 1          | 1          | 100.00         | Detected    |
| Type 5 #6 5497    | 1          | 1          | 100.00         | Detected    |
| Type 5 #7 5495    | 1          | 1          | 100.00         | Detected    |
| Type 5 #8 5496    | 1          | 1          | 100.00         | Detected    |
| Type 5 #9 5493    | 1          | 1          | 100.00         | Detected    |
| Type 5 #10 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #11 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #12 5495   | 1          | 1          | 100.00         | Detected    |
| Type 5 #13 5506   | 1          | 1          | 100.00         | Detected    |
| Type 5 #14 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #15 5503   | 1          | 1          | 100.00         | Detected    |
| Type 5 #16 5497   | 1          | 1          | 100.00         | Detected    |
| Type 5 #17 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #18 5502   | 1          | 1          | 100.00         | Detected    |
| Type 5 #19 5494   | 1          | 1          | 100.00         | Detected    |
| Type 5 #20 5497   | 1          | 1          | 100.00         | Detected    |
| Type 5 #21 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #22 5506   | 1          | 1          | 100.00         | Detected    |
| Type 5 #23 5501   | 1          | 1          | 100.00         | Detected    |
| Type 5 #24 5501   | 1          | 1          | 100.00         | Detected    |
| Type 5 #25 5501   | 1          | 1          | 100.00         | Detected    |
| Type 5 #26 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #27 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #28 5500   | 1          | 1          | 100.00         | Detected    |
| Type 5 #29 5505   | 1          | 1          | 100.00         | Detected    |
| Type 5 #30 5501   | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 6

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11a     | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | 6 Mbit/s    | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5500.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

### Test Measurement Results

| Burst Segment     | Detections | Injection # | Detection Rate | Pass/Fail    |
|-------------------|------------|-------------|----------------|--------------|
| Type 6 #1         | 1          | 1           | 100            | Detected     |
| Type 6 #2         | 1          | 1           | 100            | Detected     |
| Type 6 #3         | 1          | 0           | 0              | Not Detected |
| Type 6 #4         | 1          | 1           | 100            | Detected     |
| Type 6 #5         | 1          | 1           | 100            | Detected     |
| Type 6 #6         | 1          | 1           | 100            | Detected     |
| Type 6 #7         | 1          | 0           | 0              | Not Detected |
| Type 6 #8         | 1          | 1           | 100            | Detected     |
| Type 6 #9         | 1          | 0           | 0              | Not Detected |
| Type 6 #10        | 1          | 0           | 0              | Not Detected |
| Type 6 #11        | 1          | 1           | 100            | Detected     |
| Type 6 #12        | 1          | 1           | 100            | Detected     |
| Type 6 #13        | 1          | 0           | 0              | Not Detected |
| Type 6 #14        | 1          | 1           | 100            | Detected     |
| Type 6 #15        | 1          | 1           | 100            | Detected     |
| Type 6 #16        | 1          | 1           | 100            | Detected     |
| Type 6 #17        | 1          | 1           | 100            | Detected     |
| Type 6 #18        | 1          | 0           | 0              | Not Detected |
| Type 6 #19        | 1          | 1           | 100            | Detected     |
| Type 6 #20        | 1          | 1           | 100            | Detected     |
| Type 6 #21        | 1          | 1           | 100            | Detected     |
| Type 6 #22        | 1          | 1           | 100            | Detected     |
| Type 6 #23        | 1          | 1           | 100            | Detected     |
| Type 6 #24        | 1          | 1           | 100            | Detected     |
| Type 6 #25        | 1          | 1           | 100            | Detected     |
| Type 6 #26        | 1          | 1           | 100            | Detected     |
| Type 6 #27        | 1          | 1           | 100            | Detected     |
| Type 6 #28        | 1          | 1           | 100            | Detected     |
| Type 6 #29        | 1          | 1           | 100            | Detected     |
| Type 6 #30        | 1          | 0           | 0              | Not Detected |
| <b>Aggregate:</b> | <b>30</b>  | <b>23</b>   | <b>76.67</b>   | <b>Pass</b>  |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

#### Equipment Configuration for Radar Type 1

|                                |              |                               |                |
|--------------------------------|--------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-160 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0         | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM         | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5570.00 MHz  | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |              |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5603              | 1                | 918      | 58       | 1          | 1          | 100.00         | Detected     |
| 5592              | 1                | 898      | 59       | 1          | 1          | 100.00         | Detected     |
| 5559              | 1                | 618      | 86       | 1          | 0          | 0.00           | Not Detected |
| 5500              | 1                | 638      | 83       | 1          | 1          | 100.00         | Detected     |
| 5593              | 1                | 758      | 70       | 1          | 1          | 100.00         | Detected     |
| 5611              | 1                | 3066     | 18       | 1          | 1          | 100.00         | Detected     |
| 5625              | 1                | 718      | 74       | 1          | 1          | 100.00         | Detected     |
| 5571              | 1                | 738      | 72       | 1          | 1          | 100.00         | Detected     |
| 5594              | 1                | 778      | 68       | 1          | 1          | 100.00         | Detected     |
| 5576              | 1                | 658      | 81       | 1          | 1          | 100.00         | Detected     |
| 5640              | 1                | 698      | 76       | 1          | 1          | 100.00         | Detected     |
| 5499              | 1                | 878      | 61       | 1          | 1          | 100.00         | Detected     |
| 5506              | 1                | 578      | 92       | 1          | 1          | 100.00         | Detected     |
| 5536              | 1                | 938      | 57       | 1          | 1          | 100.00         | Detected     |
| 5528              | 1                | 538      | 99       | 1          | 1          | 100.00         | Detected     |
| 5576              | 1                | 798      | 67       | 1          | 1          | 100.00         | Detected     |
| 5502              | 1                | 2820     | 19       | 1          | 1          | 100.00         | Detected     |
| 5630              | 1                | 1039     | 51       | 1          | 1          | 100.00         | Detected     |
| 5549              | 1                | 1043     | 51       | 1          | 1          | 100.00         | Detected     |
| 5594              | 1                | 2547     | 21       | 1          | 1          | 100.00         | Detected     |
| 5563              | 1                | 2312     | 23       | 1          | 0          | 0.00           | Not Detected |
| 5644              | 1                | 622      | 85       | 1          | 1          | 100.00         | Detected     |
| 5606              | 1                | 2189     | 25       | 1          | 1          | 100.00         | Detected     |
| 5639              | 1                | 2884     | 19       | 1          | 1          | 100.00         | Detected     |
| 5542              | 1                | 2360     | 23       | 1          | 1          | 100.00         | Detected     |
| 5576              | 1                | 1722     | 31       | 1          | 1          | 100.00         | Detected     |
| 5603              | 1                | 1486     | 36       | 1          | 1          | 100.00         | Detected     |
| 5602              | 1                | 1126     | 47       | 1          | 1          | 100.00         | Detected     |
| 5626              | 1                | 2387     | 23       | 1          | 1          | 100.00         | Detected     |
| 5616              | 1                | 957      | 56       | 1          | 1          | 100.00         | Detected     |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>28</b>  | <b>93.33</b>   | <b>Pass</b>  |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

#### Equipment Configuration for Radar Type 2

|                                |              |                               |                |
|--------------------------------|--------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-160 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0         | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM         | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5570.00 MHz  | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |              |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5641              | 1                | 229      | 27       | 1          | 1          | 100.00         | Detected    |
| 5492              | 2                | 222      | 29       | 1          | 1          | 100.00         | Detected    |
| 5580              | 2                | 163      | 26       | 1          | 1          | 100.00         | Detected    |
| 5635              | 4                | 220      | 24       | 1          | 1          | 100.00         | Detected    |
| 5571              | 1                | 164      | 26       | 1          | 1          | 100.00         | Detected    |
| 5542              | 2                | 203      | 26       | 1          | 1          | 100.00         | Detected    |
| 5571              | 1                | 217      | 27       | 1          | 1          | 100.00         | Detected    |
| 5523              | 4                | 178      | 27       | 1          | 1          | 100.00         | Detected    |
| 5556              | 3                | 218      | 25       | 1          | 1          | 100.00         | Detected    |
| 5605              | 2                | 152      | 26       | 1          | 1          | 100.00         | Detected    |
| 5612              | 5                | 179      | 23       | 1          | 1          | 100.00         | Detected    |
| 5580              | 1                | 195      | 29       | 1          | 1          | 100.00         | Detected    |
| 5572              | 3                | 209      | 28       | 1          | 1          | 100.00         | Detected    |
| 5579              | 2                | 218      | 27       | 1          | 1          | 100.00         | Detected    |
| 5556              | 3                | 157      | 29       | 1          | 1          | 100.00         | Detected    |
| 5553              | 2                | 210      | 29       | 1          | 1          | 100.00         | Detected    |
| 5641              | 3                | 152      | 26       | 1          | 1          | 100.00         | Detected    |
| 5633              | 3                | 192      | 23       | 1          | 1          | 100.00         | Detected    |
| 5647              | 4                | 205      | 25       | 1          | 1          | 100.00         | Detected    |
| 5648              | 4                | 227      | 25       | 1          | 1          | 100.00         | Detected    |
| 5570              | 5                | 164      | 28       | 1          | 1          | 100.00         | Detected    |
| 5634              | 3                | 156      | 23       | 1          | 1          | 100.00         | Detected    |
| 5590              | 2                | 228      | 24       | 1          | 1          | 100.00         | Detected    |
| 5535              | 1                | 159      | 26       | 1          | 1          | 100.00         | Detected    |
| 5530              | 3                | 156      | 23       | 1          | 1          | 100.00         | Detected    |
| 5500              | 1                | 155      | 23       | 1          | 1          | 100.00         | Detected    |
| 5640              | 3                | 219      | 29       | 1          | 1          | 100.00         | Detected    |
| 5597              | 3                | 198      | 28       | 1          | 1          | 100.00         | Detected    |
| 5573              | 4                | 186      | 26       | 1          | 1          | 100.00         | Detected    |
| 5494              | 1                | 151      | 26       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 3

|                                |              |                               |                |
|--------------------------------|--------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-160 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0         | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM         | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5570.00 MHz  | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |              |                               |                |

### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5561              | 10               | 443      | 17       | 1          | 0          | 0.00           | Not Detected |
| 5572              | 7                | 458      | 18       | 1          | 1          | 100.00         | Detected     |
| 5579              | 6                | 224      | 17       | 1          | 1          | 100.00         | Detected     |
| 5579              | 10               | 306      | 17       | 1          | 1          | 100.00         | Detected     |
| 5618              | 6                | 440      | 16       | 1          | 1          | 100.00         | Detected     |
| 5596              | 6                | 319      | 16       | 1          | 1          | 100.00         | Detected     |
| 5595              | 6                | 419      | 17       | 1          | 1          | 100.00         | Detected     |
| 5592              | 8                | 362      | 16       | 1          | 1          | 100.00         | Detected     |
| 5556              | 9                | 378      | 16       | 1          | 1          | 100.00         | Detected     |
| 5541              | 8                | 355      | 18       | 1          | 1          | 100.00         | Detected     |
| 5608              | 10               | 297      | 17       | 1          | 1          | 100.00         | Detected     |
| 5560              | 6                | 265      | 17       | 1          | 0          | 0.00           | Not Detected |
| 5542              | 6                | 417      | 18       | 1          | 1          | 100.00         | Detected     |
| 5523              | 9                | 431      | 16       | 1          | 1          | 100.00         | Detected     |
| 5581              | 9                | 493      | 16       | 1          | 1          | 100.00         | Detected     |
| 5577              | 7                | 279      | 18       | 1          | 1          | 100.00         | Detected     |
| 5582              | 10               | 244      | 18       | 1          | 1          | 100.00         | Detected     |
| 5542              | 7                | 217      | 17       | 1          | 1          | 100.00         | Detected     |
| 5591              | 6                | 371      | 18       | 1          | 1          | 100.00         | Detected     |
| 5629              | 10               | 401      | 17       | 1          | 1          | 100.00         | Detected     |
| 5646              | 6                | 284      | 17       | 1          | 1          | 100.00         | Detected     |
| 5628              | 9                | 213      | 18       | 1          | 1          | 100.00         | Detected     |
| 5630              | 7                | 359      | 17       | 1          | 1          | 100.00         | Detected     |
| 5563              | 6                | 239      | 17       | 1          | 0          | 0.00           | Not Detected |
| 5600              | 7                | 494      | 17       | 1          | 1          | 100.00         | Detected     |
| 5633              | 7                | 283      | 16       | 1          | 1          | 100.00         | Detected     |
| 5492              | 7                | 271      | 16       | 1          | 1          | 100.00         | Detected     |
| 5514              | 6                | 312      | 18       | 1          | 1          | 100.00         | Detected     |
| 5496              | 7                | 301      | 17       | 1          | 1          | 100.00         | Detected     |
| 5646              | 9                | 230      | 18       | 1          | 1          | 100.00         | Detected     |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>27</b>  | <b>90.00</b>   | <b>Pass</b>  |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

#### Equipment Configuration for Radar Type 4

|                                |              |                               |                |
|--------------------------------|--------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-160 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0         | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM         | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5570.00 MHz  | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |              |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5616              | 15               | 209      | 16       | 1          | 1          | 100.00         | Detected     |
| 5606              | 15               | 473      | 14       | 1          | 1          | 100.00         | Detected     |
| 5649              | 11               | 206      | 14       | 1          | 1          | 100.00         | Detected     |
| 5628              | 11               | 418      | 15       | 1          | 1          | 100.00         | Detected     |
| 5626              | 13               | 367      | 14       | 1          | 1          | 100.00         | Detected     |
| 5559              | 20               | 364      | 16       | 1          | 0          | 0.00           | Not Detected |
| 5645              | 19               | 374      | 12       | 1          | 1          | 100.00         | Detected     |
| 5627              | 18               | 352      | 16       | 1          | 1          | 100.00         | Detected     |
| 5531              | 11               | 445      | 14       | 1          | 1          | 100.00         | Detected     |
| 5534              | 13               | 303      | 14       | 1          | 0          | 0.00           | Not Detected |
| 5562              | 19               | 223      | 12       | 1          | 0          | 0.00           | Not Detected |
| 5496              | 19               | 458      | 16       | 1          | 1          | 100.00         | Detected     |
| 5591              | 17               | 368      | 15       | 1          | 1          | 100.00         | Detected     |
| 5513              | 16               | 342      | 16       | 1          | 1          | 100.00         | Detected     |
| 5635              | 13               | 201      | 16       | 1          | 1          | 100.00         | Detected     |
| 5628              | 19               | 372      | 13       | 1          | 1          | 100.00         | Detected     |
| 5583              | 11               | 279      | 15       | 1          | 1          | 100.00         | Detected     |
| 5530              | 13               | 319      | 14       | 1          | 1          | 100.00         | Detected     |
| 5628              | 20               | 218      | 15       | 1          | 1          | 100.00         | Detected     |
| 5632              | 15               | 435      | 12       | 1          | 1          | 100.00         | Detected     |
| 5641              | 17               | 342      | 12       | 1          | 1          | 100.00         | Detected     |
| 5516              | 18               | 456      | 15       | 1          | 1          | 100.00         | Detected     |
| 5586              | 20               | 360      | 12       | 1          | 1          | 100.00         | Detected     |
| 5537              | 15               | 411      | 15       | 1          | 1          | 100.00         | Detected     |
| 5527              | 18               | 344      | 12       | 1          | 1          | 100.00         | Detected     |
| 5585              | 11               | 417      | 13       | 1          | 1          | 100.00         | Detected     |
| 5534              | 11               | 470      | 12       | 1          | 0          | 0.00           | Not Detected |
| 5575              | 19               | 478      | 14       | 1          | 1          | 100.00         | Detected     |
| 5559              | 19               | 492      | 13       | 1          | 0          | 0.00           | Not Detected |
| 5543              | 14               | 236      | 16       | 1          | 1          | 100.00         | Detected     |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>25</b>  | <b>83.33</b>   | <b>Pass</b>  |

### Equipment Configuration for Radar Type 5

|                                |              |                               |                |
|--------------------------------|--------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-160 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0         | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM         | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5570.00 MHz  | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |              |                               |                |

### Test Measurement Results

| Burst Segment     | Injections | Detections | Detection Rate | Result       |
|-------------------|------------|------------|----------------|--------------|
| Type 5 #1 5642    | 1          | 1          | 100.00         | Detected     |
| Type 5 #2 5570    | 1          | 1          | 100.00         | Detected     |
| Type 5 #3 5493    | 1          | 1          | 100.00         | Detected     |
| Type 5 #4 5645    | 1          | 1          | 100.00         | Detected     |
| Type 5 #5 5646    | 1          | 1          | 100.00         | Detected     |
| Type 5 #6 5493    | 1          | 1          | 100.00         | Detected     |
| Type 5 #7 5570    | 1          | 1          | 100.00         | Detected     |
| Type 5 #8 5570    | 1          | 1          | 100.00         | Detected     |
| Type 5 #9 5643    | 1          | 1          | 100.00         | Detected     |
| Type 5 #10 5570   | 1          | 1          | 100.00         | Detected     |
| Type 5 #11 5644   | 1          | 1          | 100.00         | Detected     |
| Type 5 #12 5643   | 1          | 1          | 100.00         | Detected     |
| Type 5 #13 5499   | 1          | 1          | 100.00         | Detected     |
| Type 5 #14 5570   | 1          | 1          | 100.00         | Detected     |
| Type 5 #15 5494   | 1          | 1          | 100.00         | Detected     |
| Type 5 #16 5641   | 1          | 1          | 100.00         | Detected     |
| Type 5 #17 5498   | 1          | 0          | 0.00           | Not Detected |
| Type 5 #18 5644   | 1          | 1          | 100.00         | Detected     |
| Type 5 #19 5570   | 1          | 1          | 100.00         | Detected     |
| Type 5 #20 5494   | 1          | 1          | 100.00         | Detected     |
| Type 5 #21 5642   | 1          | 1          | 100.00         | Detected     |
| Type 5 #22 5641   | 1          | 1          | 100.00         | Detected     |
| Type 5 #23 5493   | 1          | 1          | 100.00         | Detected     |
| Type 5 #24 5570   | 1          | 1          | 100.00         | Detected     |
| Type 5 #25 5570   | 1          | 1          | 100.00         | Detected     |
| Type 5 #26 5570   | 1          | 1          | 100.00         | Detected     |
| Type 5 #27 5494   | 1          | 1          | 100.00         | Detected     |
| Type 5 #28 5499   | 1          | 0          | 0.00           | Not Detected |
| Type 5 #29 5495   | 1          | 1          | 100.00         | Detected     |
| Type 5 #30 5570   | 1          | 1          | 100.00         | Detected     |
| <b>Aggregate:</b> | <b>30</b>  | <b>28</b>  | <b>93.33</b>   | <b>Pass</b>  |

### Equipment Configuration for Radar Type 6

|                                |              |                               |                |
|--------------------------------|--------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-160 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0         | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM         | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5570.00 MHz  | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |              |                               |                |

### Test Measurement Results

| Burst Segment     | Detections | Injection # | Detection Rate | Pass/Fail   |
|-------------------|------------|-------------|----------------|-------------|
| Type 6 #1         | 1          | 1           | 100            | Detected    |
| Type 6 #2         | 1          | 1           | 100            | Detected    |
| Type 6 #3         | 1          | 1           | 100            | Detected    |
| Type 6 #4         | 1          | 1           | 100            | Detected    |
| Type 6 #5         | 1          | 1           | 100            | Detected    |
| Type 6 #6         | 1          | 1           | 100            | Detected    |
| Type 6 #7         | 1          | 1           | 100            | Detected    |
| Type 6 #8         | 1          | 1           | 100            | Detected    |
| Type 6 #9         | 1          | 1           | 100            | Detected    |
| Type 6 #10        | 1          | 1           | 100            | Detected    |
| Type 6 #11        | 1          | 1           | 100            | Detected    |
| Type 6 #12        | 1          | 1           | 100            | Detected    |
| Type 6 #13        | 1          | 1           | 100            | Detected    |
| Type 6 #14        | 1          | 1           | 100            | Detected    |
| Type 6 #15        | 1          | 1           | 100            | Detected    |
| Type 6 #16        | 1          | 1           | 100            | Detected    |
| Type 6 #17        | 1          | 1           | 100            | Detected    |
| Type 6 #18        | 1          | 1           | 100            | Detected    |
| Type 6 #19        | 1          | 1           | 100            | Detected    |
| Type 6 #20        | 1          | 1           | 100            | Detected    |
| Type 6 #21        | 1          | 1           | 100            | Detected    |
| Type 6 #22        | 1          | 1           | 100            | Detected    |
| Type 6 #23        | 1          | 1           | 100            | Detected    |
| Type 6 #24        | 1          | 1           | 100            | Detected    |
| Type 6 #25        | 1          | 1           | 100            | Detected    |
| Type 6 #26        | 1          | 1           | 100            | Detected    |
| Type 6 #27        | 1          | 1           | 100            | Detected    |
| Type 6 #28        | 1          | 1           | 100            | Detected    |
| Type 6 #29        | 1          | 1           | 100            | Detected    |
| Type 6 #30        | 1          | 1           | 100            | Detected    |
| <b>Aggregate:</b> | <b>30</b>  | <b>30</b>   | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 1

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-80 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0        | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5530.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5506              | 1                | 778      | 68       | 1          | 1          | 100            | Detected     |
| 5540              | 1                | 3066     | 18       | 1          | 0          | 0              | Not Detected |
| 5534              | 1                | 758      | 70       | 1          | 1          | 100            | Detected     |
| 5539              | 1                | 718      | 74       | 1          | 1          | 100            | Detected     |
| 5512              | 1                | 818      | 65       | 1          | 1          | 100            | Detected     |
| 5514              | 1                | 878      | 61       | 1          | 1          | 100            | Detected     |
| 5530              | 1                | 538      | 99       | 1          | 1          | 100            | Detected     |
| 5526              | 1                | 938      | 57       | 1          | 1          | 100            | Detected     |
| 5524              | 1                | 898      | 59       | 1          | 1          | 100            | Detected     |
| 5514              | 1                | 638      | 83       | 1          | 1          | 100            | Detected     |
| 5533              | 1                | 558      | 95       | 1          | 0          | 0              | Not Detected |
| 5508              | 1                | 678      | 78       | 1          | 1          | 100            | Detected     |
| 5519              | 1                | 838      | 63       | 1          | 1          | 100            | Detected     |
| 5512              | 1                | 658      | 81       | 1          | 1          | 100            | Detected     |
| 5509              | 1                | 738      | 72       | 1          | 1          | 100            | Detected     |
| 5493              | 1                | 698      | 76       | 1          | 1          | 100            | Detected     |
| 5559              | 1                | 709      | 75       | 1          | 1          | 100            | Detected     |
| 5496              | 1                | 2405     | 22       | 1          | 1          | 100            | Detected     |
| 5559              | 1                | 724      | 73       | 1          | 1          | 100            | Detected     |
| 5529              | 1                | 1140     | 47       | 1          | 1          | 100            | Detected     |
| 5504              | 1                | 2946     | 18       | 1          | 1          | 100            | Detected     |
| 5550              | 1                | 2935     | 18       | 1          | 1          | 100            | Detected     |
| 5522              | 1                | 2119     | 25       | 1          | 1          | 100            | Detected     |
| 5551              | 1                | 2332     | 23       | 1          | 1          | 100            | Detected     |
| 5568              | 1                | 2153     | 25       | 1          | 1          | 100            | Detected     |
| 5562              | 1                | 1151     | 46       | 1          | 1          | 100            | Detected     |
| 5498              | 1                | 2491     | 22       | 1          | 1          | 100            | Detected     |
| 5515              | 1                | 881      | 60       | 1          | 1          | 100            | Detected     |
| 5517              | 1                | 1143     | 47       | 1          | 1          | 100            | Detected     |
| 5539              | 1                | 2630     | 21       | 1          | 1          | 100            | Detected     |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>28</b>  | <b>93.33</b>   | <b>Pass</b>  |

### Equipment Configuration for Radar Type 2

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-80 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0        | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5530.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5516              | 2                | 171      | 28       | 1          | 1          | 100            | Detected     |
| 5539              | 4                | 225      | 26       | 1          | 1          | 100            | Detected     |
| 5565              | 4                | 159      | 25       | 1          | 1          | 100            | Detected     |
| 5520              | 1                | 164      | 27       | 1          | 1          | 100            | Detected     |
| 5513              | 2                | 229      | 28       | 1          | 1          | 100            | Detected     |
| 5565              | 3                | 180      | 27       | 1          | 1          | 100            | Detected     |
| 5538              | 4                | 188      | 23       | 1          | 0          | 0              | Not Detected |
| 5551              | 5                | 183      | 27       | 1          | 1          | 100            | Detected     |
| 5528              | 4                | 224      | 29       | 1          | 1          | 100            | Detected     |
| 5545              | 1                | 176      | 27       | 1          | 0          | 0              | Not Detected |
| 5545              | 2                | 211      | 24       | 1          | 0          | 0              | Not Detected |
| 5532              | 3                | 220      | 23       | 1          | 1          | 100            | Detected     |
| 5538              | 4                | 219      | 23       | 1          | 0          | 0              | Not Detected |
| 5511              | 5                | 221      | 28       | 1          | 1          | 100            | Detected     |
| 5559              | 4                | 161      | 28       | 1          | 1          | 100            | Detected     |
| 5511              | 5                | 202      | 23       | 1          | 1          | 100            | Detected     |
| 5514              | 3                | 220      | 28       | 1          | 1          | 100            | Detected     |
| 5501              | 2                | 222      | 24       | 1          | 1          | 100            | Detected     |
| 5564              | 2                | 152      | 27       | 1          | 1          | 100            | Detected     |
| 5553              | 1                | 154      | 23       | 1          | 1          | 100            | Detected     |
| 5561              | 3                | 190      | 23       | 1          | 1          | 100            | Detected     |
| 5496              | 2                | 180      | 27       | 1          | 1          | 100            | Detected     |
| 5551              | 1                | 153      | 23       | 1          | 1          | 100            | Detected     |
| 5559              | 3                | 183      | 29       | 1          | 1          | 100            | Detected     |
| 5544              | 4                | 230      | 23       | 1          | 1          | 100            | Detected     |
| 5546              | 1                | 224      | 25       | 1          | 0          | 0              | Not Detected |
| 5555              | 3                | 159      | 29       | 1          | 1          | 100            | Detected     |
| 5556              | 2                | 229      | 28       | 1          | 1          | 100            | Detected     |
| 5539              | 1                | 226      | 28       | 1          | 0          | 0              | Not Detected |
| 5517              | 3                | 228      | 29       | 1          | 1          | 100            | Detected     |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>24</b>  | <b>80.00</b>   | <b>Pass</b>  |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

#### Equipment Configuration for Radar Type 3

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-80 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0        | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5530.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5500              | 7                | 482      | 18       | 1          | 1          | 100            | Detected     |
| 5508              | 10               | 319      | 17       | 1          | 1          | 100            | Detected     |
| 5561              | 6                | 478      | 16       | 1          | 1          | 100            | Detected     |
| 5499              | 6                | 296      | 18       | 1          | 1          | 100            | Detected     |
| 5531              | 6                | 272      | 17       | 1          | 1          | 100            | Detected     |
| 5510              | 8                | 426      | 17       | 1          | 1          | 100            | Detected     |
| 5505              | 7                | 318      | 18       | 1          | 1          | 100            | Detected     |
| 5533              | 8                | 360      | 16       | 1          | 1          | 100            | Detected     |
| 5549              | 6                | 478      | 17       | 1          | 1          | 100            | Detected     |
| 5508              | 10               | 239      | 18       | 1          | 1          | 100            | Detected     |
| 5506              | 9                | 208      | 18       | 1          | 1          | 100            | Detected     |
| 5518              | 10               | 403      | 17       | 1          | 1          | 100            | Detected     |
| 5552              | 6                | 292      | 16       | 1          | 1          | 100            | Detected     |
| 5518              | 8                | 411      | 18       | 1          | 1          | 100            | Detected     |
| 5532              | 8                | 441      | 18       | 1          | 1          | 100            | Detected     |
| 5529              | 9                | 477      | 16       | 1          | 1          | 100            | Detected     |
| 5541              | 10               | 296      | 16       | 1          | 1          | 100            | Detected     |
| 5498              | 10               | 357      | 17       | 1          | 1          | 100            | Detected     |
| 5493              | 7                | 287      | 17       | 1          | 1          | 100            | Detected     |
| 5523              | 6                | 250      | 16       | 1          | 1          | 100            | Detected     |
| 5537              | 9                | 494      | 17       | 1          | 1          | 100            | Detected     |
| 5514              | 7                | 424      | 16       | 1          | 1          | 100            | Detected     |
| 5519              | 7                | 470      | 18       | 1          | 1          | 100            | Detected     |
| 5503              | 6                | 338      | 17       | 1          | 1          | 100            | Detected     |
| 5548              | 9                | 210      | 17       | 1          | 0          | 0              | Not Detected |
| 5537              | 9                | 355      | 18       | 1          | 1          | 100            | Detected     |
| 5543              | 9                | 247      | 16       | 1          | 1          | 100            | Detected     |
| 5507              | 6                | 280      | 17       | 1          | 1          | 100            | Detected     |
| 5511              | 8                | 305      | 18       | 1          | 1          | 100            | Detected     |
| 5542              | 8                | 208      | 16       | 1          | 1          | 100            | Detected     |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>29</b>  | <b>96.67</b>   | <b>Pass</b>  |

#### Equipment Configuration for Radar Type 4

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-80 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0        | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5530.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result       |
|-------------------|------------------|----------|----------|------------|------------|----------------|--------------|
| 5498              | 11               | 409      | 16       | 1          | 1          | 100            | Detected     |
| 5568              | 18               | 326      | 16       | 1          | 1          | 100            | Detected     |
| 5556              | 18               | 457      | 15       | 1          | 1          | 100            | Detected     |
| 5495              | 17               | 404      | 16       | 1          | 1          | 100            | Detected     |
| 5512              | 11               | 400      | 14       | 1          | 1          | 100            | Detected     |
| 5507              | 17               | 216      | 13       | 1          | 1          | 100            | Detected     |
| 5567              | 15               | 361      | 15       | 1          | 1          | 100            | Detected     |
| 5556              | 18               | 472      | 12       | 1          | 1          | 100            | Detected     |
| 5544              | 18               | 329      | 14       | 1          | 1          | 100            | Detected     |
| 5563              | 17               | 469      | 16       | 1          | 1          | 100            | Detected     |
| 5516              | 14               | 264      | 14       | 1          | 1          | 100            | Detected     |
| 5512              | 16               | 318      | 15       | 1          | 1          | 100            | Detected     |
| 5558              | 14               | 327      | 14       | 1          | 1          | 100            | Detected     |
| 5562              | 15               | 225      | 13       | 1          | 0          | 0              | Not Detected |
| 5492              | 15               | 459      | 14       | 1          | 1          | 100            | Detected     |
| 5507              | 19               | 499      | 12       | 1          | 1          | 100            | Detected     |
| 5555              | 18               | 202      | 13       | 1          | 1          | 100            | Detected     |
| 5509              | 12               | 209      | 14       | 1          | 1          | 100            | Detected     |
| 5506              | 18               | 266      | 16       | 1          | 1          | 100            | Detected     |
| 5529              | 16               | 492      | 14       | 1          | 1          | 100            | Detected     |
| 5496              | 20               | 424      | 14       | 1          | 1          | 100            | Detected     |
| 5518              | 14               | 269      | 13       | 1          | 1          | 100            | Detected     |
| 5543              | 11               | 354      | 14       | 1          | 0          | 0              | Not Detected |
| 5554              | 14               | 425      | 14       | 1          | 1          | 100            | Detected     |
| 5517              | 12               | 393      | 14       | 1          | 1          | 100            | Detected     |
| 5535              | 11               | 314      | 15       | 1          | 0          | 0              | Not Detected |
| 5519              | 19               | 312      | 12       | 1          | 1          | 100            | Detected     |
| 5512              | 13               | 472      | 14       | 1          | 0          | 0              | Not Detected |
| 5529              | 15               | 343      | 13       | 1          | 0          | 0              | Not Detected |
| 5497              | 16               | 420      | 14       | 1          | 0          | 0              | Not Detected |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>24</b>  | <b>80.00</b>   | <b>Pass</b>  |

### Equipment Configuration for Radar Type 5

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-80 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0        | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5530.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

### Test Measurement Results

| Burst Segment     | Injections | Detections | Detection Rate | Result      |
|-------------------|------------|------------|----------------|-------------|
| Type 5 #1 5499    | 1          | 1          | 100.00         | Detected    |
| Type 5 #2 5496    | 1          | 1          | 100.00         | Detected    |
| Type 5 #3 5565    | 1          | 1          | 100.00         | Detected    |
| Type 5 #4 5564    | 1          | 1          | 100.00         | Detected    |
| Type 5 #5 5530    | 1          | 1          | 100.00         | Detected    |
| Type 5 #6 5499    | 1          | 1          | 100.00         | Detected    |
| Type 5 #7 5565    | 1          | 1          | 100.00         | Detected    |
| Type 5 #8 5562    | 1          | 1          | 100.00         | Detected    |
| Type 5 #9 5530    | 1          | 1          | 100.00         | Detected    |
| Type 5 #10 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #11 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #12 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #13 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #14 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #15 5494   | 1          | 1          | 100.00         | Detected    |
| Type 5 #16 5499   | 1          | 1          | 100.00         | Detected    |
| Type 5 #17 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #18 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #19 5566   | 1          | 1          | 100.00         | Detected    |
| Type 5 #20 5560   | 1          | 1          | 100.00         | Detected    |
| Type 5 #21 5530   | 1          | 1          | 100.00         | Detected    |
| Type 5 #22 5580   | 1          | 1          | 100.00         | Detected    |
| Type 5 #23 5562   | 1          | 1          | 100.00         | Detected    |
| Type 5 #24 5575   | 1          | 1          | 100.00         | Detected    |
| Type 5 #25 5564   | 1          | 1          | 100.00         | Detected    |
| Type 5 #26 5561   | 1          | 1          | 100.00         | Detected    |
| Type 5 #27 5494   | 1          | 1          | 100.00         | Detected    |
| Type 5 #28 5496   | 1          | 1          | 100.00         | Detected    |
| Type 5 #29 5494   | 1          | 1          | 100.00         | Detected    |
| Type 5 #30 5565   | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 6

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-80 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0        | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5530.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

### Test Measurement Results

| Burst Segment     | Detections | Injection # | Detection Rate | Pass/Fail   |
|-------------------|------------|-------------|----------------|-------------|
| Type 6 #1         | 1          | 1           | 100            | Detected    |
| Type 6 #2         | 1          | 1           | 100            | Detected    |
| Type 6 #3         | 1          | 1           | 100            | Detected    |
| Type 6 #4         | 1          | 1           | 100            | Detected    |
| Type 6 #5         | 1          | 1           | 100            | Detected    |
| Type 6 #6         | 1          | 1           | 100            | Detected    |
| Type 6 #7         | 1          | 1           | 100            | Detected    |
| Type 6 #8         | 1          | 1           | 100            | Detected    |
| Type 6 #9         | 1          | 1           | 100            | Detected    |
| Type 6 #10        | 1          | 1           | 100            | Detected    |
| Type 6 #11        | 1          | 1           | 100            | Detected    |
| Type 6 #12        | 1          | 1           | 100            | Detected    |
| Type 6 #13        | 1          | 1           | 100            | Detected    |
| Type 6 #14        | 1          | 1           | 100            | Detected    |
| Type 6 #15        | 1          | 1           | 100            | Detected    |
| Type 6 #16        | 1          | 1           | 100            | Detected    |
| Type 6 #17        | 1          | 1           | 100            | Detected    |
| Type 6 #18        | 1          | 1           | 100            | Detected    |
| Type 6 #19        | 1          | 1           | 100            | Detected    |
| Type 6 #20        | 1          | 1           | 100            | Detected    |
| Type 6 #21        | 1          | 1           | 100            | Detected    |
| Type 6 #22        | 1          | 1           | 100            | Detected    |
| Type 6 #23        | 1          | 1           | 100            | Detected    |
| Type 6 #24        | 1          | 1           | 100            | Detected    |
| Type 6 #25        | 1          | 1           | 100            | Detected    |
| Type 6 #26        | 1          | 1           | 100            | Detected    |
| Type 6 #27        | 1          | 1           | 100            | Detected    |
| Type 6 #28        | 1          | 1           | 100            | Detected    |
| Type 6 #29        | 1          | 1           | 100            | Detected    |
| Type 6 #30        | 1          | 1           | 100            | Detected    |
| <b>Aggregate:</b> | <b>30</b>  | <b>30</b>   | <b>100.00</b>  | <b>Pass</b> |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

#### Equipment Configuration for Radar Type 1

|                                |               |                               |                |
|--------------------------------|---------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11n HT-40 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0          | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM          | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5510.00 MHz   | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |               |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5500              | 1                | 598      | 89       | 1          | 1          | 100.00         | Detected    |
| 5526              | 1                | 638      | 83       | 1          | 1          | 100.00         | Detected    |
| 5527              | 1                | 798      | 67       | 1          | 1          | 100.00         | Detected    |
| 5501              | 1                | 678      | 78       | 1          | 1          | 100.00         | Detected    |
| 5517              | 1                | 738      | 72       | 1          | 1          | 100.00         | Detected    |
| 5529              | 1                | 778      | 68       | 1          | 1          | 100.00         | Detected    |
| 5523              | 1                | 878      | 61       | 1          | 1          | 100.00         | Detected    |
| 5497              | 1                | 538      | 99       | 1          | 1          | 100.00         | Detected    |
| 5528              | 1                | 758      | 70       | 1          | 1          | 100.00         | Detected    |
| 5516              | 1                | 558      | 95       | 1          | 1          | 100.00         | Detected    |
| 5509              | 1                | 898      | 59       | 1          | 1          | 100.00         | Detected    |
| 5520              | 1                | 818      | 65       | 1          | 1          | 100.00         | Detected    |
| 5524              | 1                | 838      | 63       | 1          | 1          | 100.00         | Detected    |
| 5529              | 1                | 918      | 58       | 1          | 1          | 100.00         | Detected    |
| 5517              | 1                | 858      | 62       | 1          | 1          | 100.00         | Detected    |
| 5515              | 1                | 578      | 92       | 1          | 1          | 100.00         | Detected    |
| 5528              | 1                | 2625     | 21       | 1          | 1          | 100.00         | Detected    |
| 5517              | 1                | 1564     | 34       | 1          | 1          | 100.00         | Detected    |
| 5518              | 1                | 1338     | 40       | 1          | 1          | 100.00         | Detected    |
| 5529              | 1                | 1054     | 51       | 1          | 1          | 100.00         | Detected    |
| 5508              | 1                | 1818     | 30       | 1          | 1          | 100.00         | Detected    |
| 5509              | 1                | 2060     | 26       | 1          | 1          | 100.00         | Detected    |
| 5519              | 1                | 2192     | 25       | 1          | 1          | 100.00         | Detected    |
| 5526              | 1                | 1819     | 30       | 1          | 1          | 100.00         | Detected    |
| 5504              | 1                | 760      | 70       | 1          | 1          | 100.00         | Detected    |
| 5523              | 1                | 2317     | 23       | 1          | 1          | 100.00         | Detected    |
| 5491              | 1                | 2869     | 19       | 1          | 1          | 100.00         | Detected    |
| 5504              | 1                | 1836     | 29       | 1          | 1          | 100.00         | Detected    |
| 5506              | 1                | 1683     | 32       | 1          | 1          | 100.00         | Detected    |
| 5504              | 1                | 1530     | 35       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 2

|                                |               |                               |                |
|--------------------------------|---------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11n HT-40 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0          | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM          | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5510.00 MHz   | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |               |                               |                |

### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5514              | 3                | 202      | 23       | 1          | 1          | 100.00         | Detected    |
| 5521              | 5                | 196      | 23       | 1          | 1          | 100.00         | Detected    |
| 5492              | 4                | 178      | 27       | 1          | 1          | 100.00         | Detected    |
| 5509              | 3                | 196      | 29       | 1          | 1          | 100.00         | Detected    |
| 5500              | 1                | 208      | 24       | 1          | 1          | 100.00         | Detected    |
| 5515              | 3                | 178      | 27       | 1          | 1          | 100.00         | Detected    |
| 5522              | 5                | 160      | 23       | 1          | 1          | 100.00         | Detected    |
| 5510              | 1                | 150      | 24       | 1          | 1          | 100.00         | Detected    |
| 5528              | 3                | 200      | 29       | 1          | 1          | 100.00         | Detected    |
| 5524              | 3                | 216      | 29       | 1          | 1          | 100.00         | Detected    |
| 5494              | 5                | 189      | 27       | 1          | 1          | 100.00         | Detected    |
| 5520              | 1                | 169      | 26       | 1          | 1          | 100.00         | Detected    |
| 5504              | 2                | 171      | 24       | 1          | 1          | 100.00         | Detected    |
| 5519              | 1                | 211      | 23       | 1          | 1          | 100.00         | Detected    |
| 5499              | 1                | 168      | 28       | 1          | 1          | 100.00         | Detected    |
| 5519              | 3                | 192      | 28       | 1          | 1          | 100.00         | Detected    |
| 5520              | 1                | 205      | 29       | 1          | 1          | 100.00         | Detected    |
| 5523              | 4                | 158      | 28       | 1          | 1          | 100.00         | Detected    |
| 5504              | 5                | 158      | 28       | 1          | 1          | 100.00         | Detected    |
| 5491              | 4                | 217      | 27       | 1          | 1          | 100.00         | Detected    |
| 5517              | 3                | 204      | 23       | 1          | 1          | 100.00         | Detected    |
| 5526              | 4                | 191      | 28       | 1          | 1          | 100.00         | Detected    |
| 5522              | 3                | 203      | 28       | 1          | 1          | 100.00         | Detected    |
| 5499              | 5                | 161      | 26       | 1          | 1          | 100.00         | Detected    |
| 5505              | 4                | 218      | 27       | 1          | 1          | 100.00         | Detected    |
| 5510              | 2                | 208      | 27       | 1          | 1          | 100.00         | Detected    |
| 5501              | 3                | 223      | 29       | 1          | 1          | 100.00         | Detected    |
| 5492              | 1                | 157      | 26       | 1          | 1          | 100.00         | Detected    |
| 5500              | 3                | 163      | 24       | 1          | 1          | 100.00         | Detected    |
| 5524              | 2                | 226      | 29       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 3

|                                |               |                               |                |
|--------------------------------|---------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11n HT-40 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0          | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM          | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5510.00 MHz   | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |               |                               |                |

### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5514              | 10               | 219      | 16       | 1          | 1          | 100.00         | Detected    |
| 5491              | 7                | 382      | 17       | 1          | 1          | 100.00         | Detected    |
| 5518              | 8                | 305      | 17       | 1          | 1          | 100.00         | Detected    |
| 5526              | 6                | 242      | 16       | 1          | 1          | 100.00         | Detected    |
| 5523              | 6                | 462      | 17       | 1          | 1          | 100.00         | Detected    |
| 5524              | 9                | 429      | 18       | 1          | 1          | 100.00         | Detected    |
| 5507              | 6                | 371      | 17       | 1          | 1          | 100.00         | Detected    |
| 5522              | 10               | 402      | 18       | 1          | 1          | 100.00         | Detected    |
| 5517              | 10               | 215      | 17       | 1          | 1          | 100.00         | Detected    |
| 5502              | 8                | 392      | 18       | 1          | 1          | 100.00         | Detected    |
| 5523              | 8                | 258      | 17       | 1          | 1          | 100.00         | Detected    |
| 5517              | 9                | 371      | 16       | 1          | 1          | 100.00         | Detected    |
| 5508              | 10               | 296      | 18       | 1          | 1          | 100.00         | Detected    |
| 5511              | 8                | 233      | 18       | 1          | 1          | 100.00         | Detected    |
| 5495              | 7                | 471      | 18       | 1          | 1          | 100.00         | Detected    |
| 5519              | 10               | 367      | 18       | 1          | 1          | 100.00         | Detected    |
| 5525              | 7                | 409      | 16       | 1          | 1          | 100.00         | Detected    |
| 5496              | 8                | 206      | 17       | 1          | 1          | 100.00         | Detected    |
| 5505              | 10               | 388      | 16       | 1          | 1          | 100.00         | Detected    |
| 5507              | 7                | 228      | 18       | 1          | 1          | 100.00         | Detected    |
| 5515              | 8                | 252      | 18       | 1          | 1          | 100.00         | Detected    |
| 5516              | 10               | 340      | 16       | 1          | 1          | 100.00         | Detected    |
| 5520              | 6                | 357      | 16       | 1          | 1          | 100.00         | Detected    |
| 5510              | 10               | 268      | 18       | 1          | 1          | 100.00         | Detected    |
| 5529              | 8                | 377      | 16       | 1          | 1          | 100.00         | Detected    |
| 5491              | 8                | 475      | 18       | 1          | 1          | 100.00         | Detected    |
| 5523              | 10               | 342      | 17       | 1          | 1          | 100.00         | Detected    |
| 5524              | 9                | 367      | 18       | 1          | 1          | 100.00         | Detected    |
| 5498              | 7                | 265      | 16       | 1          | 1          | 100.00         | Detected    |
| 5522              | 8                | 220      | 16       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

#### Equipment Configuration for Radar Type 4

|                                |               |                               |                |
|--------------------------------|---------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11n HT-40 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0          | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM          | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5510.00 MHz   | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |               |                               |                |

#### Test Measurement Results

| Frequency (MHz)   | Pulse Width (us) | PRI (us) | # Pulses | Injections | Detections | Detection Rate | Result      |
|-------------------|------------------|----------|----------|------------|------------|----------------|-------------|
| 5525              | 15               | 280      | 12       | 1          | 1          | 100.00         | Detected    |
| 5529              | 11               | 484      | 14       | 1          | 1          | 100.00         | Detected    |
| 5517              | 18               | 300      | 16       | 1          | 1          | 100.00         | Detected    |
| 5517              | 18               | 403      | 12       | 1          | 1          | 100.00         | Detected    |
| 5514              | 13               | 241      | 15       | 1          | 1          | 100.00         | Detected    |
| 5504              | 19               | 305      | 16       | 1          | 1          | 100.00         | Detected    |
| 5511              | 17               | 449      | 13       | 1          | 1          | 100.00         | Detected    |
| 5513              | 11               | 214      | 13       | 1          | 1          | 100.00         | Detected    |
| 5506              | 16               | 329      | 14       | 1          | 1          | 100.00         | Detected    |
| 5501              | 19               | 485      | 16       | 1          | 1          | 100.00         | Detected    |
| 5527              | 19               | 478      | 12       | 1          | 1          | 100.00         | Detected    |
| 5508              | 17               | 242      | 14       | 1          | 1          | 100.00         | Detected    |
| 5511              | 12               | 382      | 14       | 1          | 1          | 100.00         | Detected    |
| 5508              | 13               | 416      | 12       | 1          | 1          | 100.00         | Detected    |
| 5496              | 13               | 361      | 13       | 1          | 1          | 100.00         | Detected    |
| 5497              | 17               | 498      | 15       | 1          | 1          | 100.00         | Detected    |
| 5519              | 20               | 364      | 12       | 1          | 1          | 100.00         | Detected    |
| 5504              | 12               | 440      | 15       | 1          | 1          | 100.00         | Detected    |
| 5502              | 14               | 455      | 14       | 1          | 1          | 100.00         | Detected    |
| 5527              | 13               | 355      | 16       | 1          | 1          | 100.00         | Detected    |
| 5512              | 15               | 429      | 14       | 1          | 1          | 100.00         | Detected    |
| 5507              | 15               | 479      | 12       | 1          | 1          | 100.00         | Detected    |
| 5522              | 14               | 316      | 16       | 1          | 1          | 100.00         | Detected    |
| 5503              | 17               | 392      | 13       | 1          | 1          | 100.00         | Detected    |
| 5526              | 13               | 309      | 14       | 1          | 1          | 100.00         | Detected    |
| 5493              | 20               | 221      | 13       | 1          | 1          | 100.00         | Detected    |
| 5504              | 19               | 285      | 12       | 1          | 1          | 100.00         | Detected    |
| 5508              | 13               | 229      | 16       | 1          | 1          | 100.00         | Detected    |
| 5521              | 17               | 424      | 15       | 1          | 1          | 100.00         | Detected    |
| 5525              | 16               | 276      | 13       | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> |                  |          |          | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 5

|                                |               |                               |                |
|--------------------------------|---------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11n HT-40 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0          | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM          | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5510.00 MHz   | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |               |                               |                |

### Test Measurement Results

| Burst Segment     | Injections | Detections | Detection Rate | Result      |
|-------------------|------------|------------|----------------|-------------|
| Type 5 #1 5510    | 1          | 1          | 100.00         | Detected    |
| Type 5 #2 5523    | 1          | 1          | 100.00         | Detected    |
| Type 5 #3 5510    | 1          | 1          | 100.00         | Detected    |
| Type 5 #4 5510    | 1          | 1          | 100.00         | Detected    |
| Type 5 #5 5523    | 1          | 1          | 100.00         | Detected    |
| Type 5 #6 5522    | 1          | 1          | 100.00         | Detected    |
| Type 5 #7 5525    | 1          | 1          | 100.00         | Detected    |
| Type 5 #8 5496    | 1          | 1          | 100.00         | Detected    |
| Type 5 #9 5510    | 1          | 1          | 100.00         | Detected    |
| Type 5 #10 5493   | 1          | 1          | 100.00         | Detected    |
| Type 5 #11 5510   | 1          | 1          | 100.00         | Detected    |
| Type 5 #12 5510   | 1          | 1          | 100.00         | Detected    |
| Type 5 #13 5523   | 1          | 1          | 100.00         | Detected    |
| Type 5 #14 5498   | 1          | 1          | 100.00         | Detected    |
| Type 5 #15 5525   | 1          | 1          | 100.00         | Detected    |
| Type 5 #16 5510   | 1          | 1          | 100.00         | Detected    |
| Type 5 #17 5495   | 1          | 1          | 100.00         | Detected    |
| Type 5 #18 5510   | 1          | 1          | 100.00         | Detected    |
| Type 5 #19 5510   | 1          | 1          | 100.00         | Detected    |
| Type 5 #20 5510   | 1          | 1          | 100.00         | Detected    |
| Type 5 #21 5496   | 1          | 1          | 100.00         | Detected    |
| Type 5 #22 5527   | 1          | 1          | 100.00         | Detected    |
| Type 5 #23 5495   | 1          | 1          | 100.00         | Detected    |
| Type 5 #24 5521   | 1          | 1          | 100.00         | Detected    |
| Type 5 #25 5526   | 1          | 1          | 100.00         | Detected    |
| Type 5 #26 5522   | 1          | 1          | 100.00         | Detected    |
| Type 5 #27 5495   | 1          | 1          | 100.00         | Detected    |
| Type 5 #28 5496   | 1          | 1          | 100.00         | Detected    |
| Type 5 #29 5495   | 1          | 1          | 100.00         | Detected    |
| Type 5 #30 5495   | 1          | 1          | 100.00         | Detected    |
| <b>Aggregate:</b> | <b>30</b>  | <b>30</b>  | <b>100.00</b>  | <b>Pass</b> |

### Equipment Configuration for Radar Type 6

|                                |               |                               |                |
|--------------------------------|---------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11n HT-40 | <b>Duty Cycle (%):</b>        | 17.10          |
| <b>Data Rate:</b>              | MCS0          | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM          | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5510.00 MHz   | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |               |                               |                |

### Test Measurement Results

| Burst Segment     | Detections | Injection # | Detection Rate | Pass/Fail    |
|-------------------|------------|-------------|----------------|--------------|
| Type 6 #1         | 1          | 1           | 100            | Detected     |
| Type 6 #2         | 1          | 1           | 100            | Detected     |
| Type 6 #3         | 1          | 1           | 100            | Detected     |
| Type 6 #4         | 1          | 1           | 100            | Detected     |
| Type 6 #5         | 1          | 1           | 100            | Detected     |
| Type 6 #6         | 1          | 1           | 100            | Detected     |
| Type 6 #7         | 1          | 1           | 100            | Detected     |
| Type 6 #8         | 1          | 1           | 100            | Detected     |
| Type 6 #9         | 1          | 1           | 100            | Detected     |
| Type 6 #10        | 1          | 1           | 100            | Detected     |
| Type 6 #11        | 1          | 1           | 100            | Detected     |
| Type 6 #12        | 1          | 1           | 100            | Detected     |
| Type 6 #13        | 1          | 1           | 100            | Detected     |
| Type 6 #14        | 1          | 1           | 100            | Detected     |
| Type 6 #15        | 1          | 1           | 100            | Detected     |
| Type 6 #16        | 1          | 1           | 100            | Detected     |
| Type 6 #17        | 1          | 1           | 100            | Detected     |
| Type 6 #18        | 1          | 1           | 100            | Detected     |
| Type 6 #19        | 1          | 1           | 100            | Detected     |
| Type 6 #20        | 1          | 1           | 100            | Detected     |
| Type 6 #21        | 1          | 1           | 100            | Detected     |
| Type 6 #22        | 1          | 1           | 100            | Detected     |
| Type 6 #23        | 1          | 1           | 100            | Detected     |
| Type 6 #24        | 1          | 1           | 100            | Detected     |
| Type 6 #25        | 1          | 0           | 0              | Not Detected |
| Type 6 #26        | 1          | 1           | 100            | Detected     |
| Type 6 #27        | 1          | 1           | 100            | Detected     |
| Type 6 #28        | 1          | 1           | 100            | Detected     |
| Type 6 #29        | 1          | 1           | 100            | Detected     |
| Type 6 #30        | 1          | 1           | 100            | Detected     |
| <b>Aggregate:</b> | <b>30</b>  | <b>29</b>   | <b>96.67</b>   | <b>Pass</b>  |

### **2.1.9. Detection Bandwidth**

To determine the equipment Detection Bandwidth for each applicable operational mode a single burst of the short pulse radar Type 0 was produced at the appropriate power level. The EUT was set up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio reflecting the worst case (maximum) that is user configurable during this test.

To determine the actual receiver bandwidth a single radar burst is generated for a minimum of 10 trials and the response of the EUT noted. The EUT must detect at least 9 trials in order to meet the criteria.

Starting from the actual channel center frequency the radar frequency is increased in 5 MHz steps, injecting a Type 0 ten times, until the detection rate falls below 90%. At this time the span between this decrease in detection rate and the last 5 MHz step is checked with a 1 MHz step size. The highest frequency at which detection is greater than or equal to 90% is denoted as FH.

The radar frequency is decreased in 5 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The lowest frequency at which detection is greater than or equal to 90% is denoted as FL.

The U-NII Detection Bandwidth is calculated as follows:

U-NII Detection Bandwidth = FH - FL

The U-NII Detection Bandwidth must meet the U-NII Detection Bandwidth criterion specified. Otherwise, the UUT does not comply with DFS requirements. This is essential to ensure that the UUT is capable of detecting Radar Waveforms across the same frequency spectrum that contains the significant energy from the system. In the case that the U-NII Detection Bandwidth is greater than or equal to the 99% power bandwidth for the measured FH and FL, the test can be truncated and the U-NII Detection Bandwidth can be reported as the measured FH and FL.

#### Equipment Configuration for Detection Bandwidth

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11a     | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | 6 Mbit/s    | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5500.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Frequency            | Injections           | Detections              | Result       |
|----------------------|----------------------|-------------------------|--------------|
| 5515 MHz             | 2                    | 0                       | Not Detected |
| 5511 MHz             | 2                    | 0                       | Not Detected |
| 5510 MHz             | 10                   | 10                      | Detected     |
| 5505 MHz             | 10                   | 10                      | Detected     |
| 5500 MHz             | 10                   | 10                      | Detected     |
| 5495 MHz             | 10                   | 10                      | Detected     |
| 5490 MHz             | 10                   | 10                      | Detected     |
| 5489 MHz             | 2                    | 0                       | Not Detected |
| 5485 MHz             | 2                    | 0                       | Not Detected |
| <b>FL = 5490 MHz</b> | <b>FH = 5510 MHz</b> | <b>FH - FL = 20 MHz</b> | <b>Pass</b>  |

### Equipment Configuration for Detection Bandwidth

|                                |              |                               |                |
|--------------------------------|--------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-160 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0         | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM         | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5570.00 MHz  | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |              |                               |                |

### Test Measurement Results

| Frequency | Injections | Detections | Result       |
|-----------|------------|------------|--------------|
| 5655 MHz  | 2          | 0          | Not Detected |
| 5651 MHz  | 2          | 0          | Not Detected |
| 5650 MHz  | 10         | 10         | Detected     |
| 5645 MHz  | 10         | 10         | Detected     |
| 5640 MHz  | 10         | 10         | Detected     |
| 5635 MHz  | 10         | 10         | Detected     |
| 5630 MHz  | 10         | 10         | Detected     |
| 5625 MHz  | 10         | 10         | Detected     |
| 5620 MHz  | 10         | 10         | Detected     |
| 5615 MHz  | 10         | 10         | Detected     |
| 5610 MHz  | 10         | 10         | Detected     |
| 5605 MHz  | 10         | 10         | Detected     |
| 5600 MHz  | 10         | 10         | Detected     |
| 5595 MHz  | 10         | 10         | Detected     |
| 5590 MHz  | 10         | 10         | Detected     |
| 5585 MHz  | 10         | 10         | Detected     |
| 5580 MHz  | 10         | 10         | Detected     |
| 5575 MHz  | 10         | 10         | Detected     |
| 5570 MHz  | 10         | 10         | Detected     |
| 5565 MHz  | 10         | 10         | Detected     |
| 5560 MHz  | 10         | 10         | Detected     |
| 5555 MHz  | 10         | 10         | Detected     |
| 5550 MHz  | 10         | 10         | Detected     |
| 5545 MHz  | 10         | 10         | Detected     |
| 5540 MHz  | 10         | 10         | Detected     |
| 5535 MHz  | 10         | 10         | Detected     |
| 5530 MHz  | 10         | 10         | Detected     |
| 5525 MHz  | 10         | 10         | Detected     |
| 5520 MHz  | 10         | 10         | Detected     |
| 5515 MHz  | 10         | 10         | Detected     |
| 5510 MHz  | 10         | 10         | Detected     |
| 5505 MHz  | 10         | 10         | Detected     |
| 5500 MHz  | 10         | 10         | Detected     |
| 5495 MHz  | 10         | 10         | Detected     |
| 5490 MHz  | 10         | 10         | Detected     |
| 5489 MHz  | 2          | 0          | Not Detected |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

|               |               |                   |              |
|---------------|---------------|-------------------|--------------|
| 5485 MHz      | 2             | 0                 | Not Detected |
| FL = 5490 MHz | FH = 5650 MHz | FH - FL = 160 MHz | Pass         |

#### Equipment Configuration for Detection Bandwidth

|                                |             |                               |                |
|--------------------------------|-------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11ac-80 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | MCS0        | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM        | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5530.00 MHz | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |             |                               |                |

#### Test Measurement Results

| Frequency            | Injections           | Detections              | Result       |
|----------------------|----------------------|-------------------------|--------------|
| 5575 MHz             | 2                    | 0                       | Not Detected |
| 5571 MHz             | 2                    | 0                       | Not Detected |
| 5570 MHz             | 10                   | 10                      | Detected     |
| 5565 MHz             | 10                   | 10                      | Not Detected |
| 5560 MHz             | 10                   | 10                      | Not Detected |
| 5555 MHz             | 10                   | 10                      | Not Detected |
| 5550 MHz             | 10                   | 10                      | Detected     |
| 5545 MHz             | 10                   | 10                      | Detected     |
| 5540 MHz             | 10                   | 10                      | Detected     |
| 5535 MHz             | 10                   | 10                      | Detected     |
| 5530 MHz             | 10                   | 10                      | Detected     |
| 5525 MHz             | 10                   | 10                      | Detected     |
| 5520 MHz             | 10                   | 10                      | Detected     |
| 5515 MHz             | 10                   | 10                      | Detected     |
| 5510 MHz             | 10                   | 10                      | Detected     |
| 5505 MHz             | 10                   | 10                      | Detected     |
| 5500 MHz             | 10                   | 10                      | Detected     |
| 5495 MHz             | 10                   | 10                      | Detected     |
| 5490 MHz             | 10                   | 10                      | Detected     |
| 5489 MHz             | 2                    | 0                       | Not Detected |
| 5485 MHz             | 2                    | 0                       | Not Detected |
| <b>FL = 5490 MHz</b> | <b>FH = 5570 MHz</b> | <b>FH - FL = 80 MHz</b> | <b>Pass</b>  |

#### Equipment Configuration for Detection Bandwidth

|                                |               |                               |                |
|--------------------------------|---------------|-------------------------------|----------------|
| <b>Variant:</b>                | 802.11n HT-40 | <b>Duty Cycle (%):</b>        | 17.00          |
| <b>Data Rate:</b>              | 18 Mbit/s     | <b>Antenna Gain (dBi):</b>    | 4.00           |
| <b>Modulation:</b>             | OFDM          | <b>Beam Forming Gain (Y):</b> | Not Applicable |
| <b>Channel Frequency:</b>      | 5510.00 MHz   | <b>Tested By:</b>             | JK             |
| <b>Engineering Test Notes:</b> |               |                               |                |

#### Test Measurement Results

| Frequency            | Injections           | Detections              | Result       |
|----------------------|----------------------|-------------------------|--------------|
| 5535 MHz             | 2                    | 0                       | Not Detected |
| 5531 MHz             | 2                    | 0                       | Not Detected |
| 5530 MHz             | 10                   | 10                      | Detected     |
| 5525 MHz             | 10                   | 10                      | Detected     |
| 5520 MHz             | 10                   | 10                      | Detected     |
| 5515 MHz             | 10                   | 10                      | Detected     |
| 5510 MHz             | 10                   | 10                      | Detected     |
| 5505 MHz             | 10                   | 10                      | Detected     |
| 5500 MHz             | 10                   | 10                      | Detected     |
| 5495 MHz             | 10                   | 10                      | Detected     |
| 5490 MHz             | 10                   | 10                      | Detected     |
| 5489 MHz             | 2                    | 0                       | Not Detected |
| 5485 MHz             | 2                    | 0                       | Not Detected |
| <b>FL = 5490 MHz</b> | <b>FH = 5530 MHz</b> | <b>FH - FL = 40 MHz</b> | <b>Pass</b>  |

## **A. APPENDIX – RADAR SIGNATURES**

Type 5 #1 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 11              | 1063526 | 92                    | 1531    | 1420    | 24156   | 1090909                   |
| 2             | 1                | 11              | 366381  | 85                    | 0       | 0       | 724443  | 1090909                   |
| 3             | 3                | 11              | 510010  | 53                    | 1262    | 1952    | 577526  | 1090909                   |
| 4             | 3                | 11              | 399033  | 55                    | 1125    | 1488    | 689098  | 1090909                   |
| 5             | 2                | 11              | 685260  | 75                    | 1776    | 0       | 403723  | 1090909                   |
| 6             | 3                | 11              | 27619   | 89                    | 1161    | 1773    | 1060089 | 1090909                   |
| 7             | 3                | 11              | 295879  | 76                    | 1337    | 1165    | 792300  | 1090909                   |
| 8             | 3                | 11              | 731112  | 89                    | 1552    | 1998    | 355980  | 1090909                   |
| 9             | 1                | 11              | 775015  | 56                    | 0       | 0       | 315838  | 1090909                   |
| 10            | 3                | 11              | 165699  | 64                    | 1523    | 1052    | 922443  | 1090909                   |
| 11            | 2                | 11              | 177586  | 63                    | 1037    | 0       | 912160  | 1090909                   |

Type 5 #2 5499 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 19              | 760517  | 77                    | 0       | 0       | 39406   | 800000                    |
| 2             | 1                | 19              | 123184  | 72                    | 0       | 0       | 676744  | 800000                    |
| 3             | 3                | 19              | 388614  | 86                    | 1368    | 1791    | 407969  | 800000                    |
| 4             | 3                | 19              | 199546  | 86                    | 1118    | 1820    | 597258  | 800000                    |
| 5             | 1                | 19              | 99709   | 63                    | 0       | 0       | 700228  | 800000                    |
| 6             | 1                | 19              | 87261   | 56                    | 0       | 0       | 712683  | 800000                    |
| 7             | 2                | 19              | 174204  | 79                    | 1631    | 0       | 624007  | 800000                    |
| 8             | 3                | 19              | 525243  | 63                    | 1580    | 1482    | 271506  | 800000                    |
| 9             | 3                | 19              | 20797   | 85                    | 1899    | 1052    | 775997  | 800000                    |
| 10            | 2                | 19              | 508151  | 61                    | 1158    | 0       | 290569  | 800000                    |
| 11            | 1                | 19              | 250490  | 55                    | 0       | 0       | 549455  | 800000                    |
| 12            | 3                | 19              | 140568  | 89                    | 1974    | 1308    | 655883  | 800000                    |
| 13            | 3                | 19              | 790697  | 87                    | 1530    | 1135    | 6377    | 800000                    |
| 14            | 2                | 19              | 185385  | 52                    | 1232    | 0       | 613279  | 800000                    |
| 15            | 2                | 19              | 93780   | 58                    | 1028    | 0       | 705076  | 800000                    |

Type 5 #3 5504 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 13              | 570306  | 100                   | 1502    | 1529    | 57941   | 631578                    |
| 2             | 3                | 13              | 303694  | 74                    | 1607    | 1173    | 324882  | 631578                    |
| 3             | 1                | 13              | 580650  | 98                    | 0       | 0       | 50830   | 631578                    |
| 4             | 2                | 13              | 584172  | 51                    | 1901    | 0       | 45403   | 631578                    |
| 5             | 1                | 13              | 595524  | 70                    | 0       | 0       | 35984   | 631578                    |
| 6             | 3                | 13              | 132328  | 88                    | 1774    | 1567    | 495645  | 631578                    |
| 7             | 1                | 13              | 617215  | 63                    | 0       | 0       | 14300   | 631578                    |
| 8             | 2                | 13              | 421027  | 82                    | 1548    | 0       | 208839  | 631578                    |
| 9             | 1                | 13              | 37004   | 88                    | 0       | 0       | 594486  | 631578                    |
| 10            | 2                | 13              | 472304  | 84                    | 1907    | 0       | 157199  | 631578                    |
| 11            | 1                | 13              | 442961  | 88                    | 0       | 0       | 188529  | 631578                    |
| 12            | 3                | 13              | 370740  | 81                    | 1620    | 1585    | 257390  | 631578                    |
| 13            | 3                | 13              | 606969  | 57                    | 1101    | 1914    | 21423   | 631578                    |
| 14            | 2                | 13              | 522284  | 61                    | 1942    | 0       | 107230  | 631578                    |
| 15            | 1                | 13              | 147812  | 91                    | 0       | 0       | 483675  | 631578                    |
| 16            | 3                | 13              | 164127  | 58                    | 1513    | 1345    | 464419  | 631578                    |
| 17            | 3                | 13              | 92733   | 57                    | 1024    | 1278    | 536372  | 631578                    |
| 18            | 2                | 13              | 603897  | 76                    | 1560    | 0       | 25969   | 631578                    |
| 19            | 3                | 13              | 527227  | 98                    | 1428    | 1512    | 101117  | 631578                    |

Type 5 #4 5497 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 14              | 464281  | 50                    | 1939    | 1381    | 132249  | 600000                    |
| 2             | 2                | 14              | 196833  | 55                    | 1240    | 0       | 401817  | 600000                    |
| 3             | 1                | 14              | 381900  | 50                    | 0       | 0       | 218050  | 600000                    |
| 4             | 2                | 14              | 229028  | 91                    | 1035    | 0       | 369755  | 600000                    |
| 5             | 2                | 14              | 152100  | 94                    | 1435    | 0       | 446277  | 600000                    |
| 6             | 3                | 14              | 227930  | 95                    | 1337    | 1652    | 368796  | 600000                    |
| 7             | 3                | 14              | 91554   | 92                    | 1530    | 1103    | 505537  | 600000                    |
| 8             | 3                | 14              | 428696  | 55                    | 1736    | 1115    | 168288  | 600000                    |
| 9             | 1                | 14              | 302820  | 82                    | 0       | 0       | 297098  | 600000                    |
| 10            | 1                | 14              | 167818  | 60                    | 0       | 0       | 432122  | 600000                    |
| 11            | 3                | 14              | 340427  | 88                    | 1583    | 1989    | 255737  | 600000                    |
| 12            | 1                | 14              | 530231  | 56                    | 0       | 0       | 69713   | 600000                    |
| 13            | 1                | 14              | 94801   | 73                    | 0       | 0       | 505126  | 600000                    |
| 14            | 2                | 14              | 217528  | 64                    | 1478    | 0       | 380866  | 600000                    |
| 15            | 2                | 14              | 159865  | 52                    | 1928    | 0       | 438103  | 600000                    |
| 16            | 2                | 14              | 566618  | 57                    | 1124    | 0       | 32144   | 600000                    |
| 17            | 1                | 14              | 275011  | 95                    | 0       | 0       | 324894  | 600000                    |
| 18            | 3                | 14              | 31498   | 78                    | 1040    | 1258    | 565970  | 600000                    |
| 19            | 3                | 14              | 4214    | 53                    | 1638    | 1363    | 592626  | 600000                    |
| 20            | 3                | 14              | 15543   | 87                    | 1153    | 1101    | 581942  | 600000                    |

Type 5 #5 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 17              | 282550  | 81                    | 0       | 0       | 348947  | 631578                    |
| 2             | 3                | 17              | 627765  | 59                    | 1527    | 1991    | 118     | 631578                    |
| 3             | 1                | 17              | 12514   | 80                    | 0       | 0       | 618984  | 631578                    |
| 4             | 3                | 17              | 355887  | 96                    | 1659    | 1439    | 272305  | 631578                    |
| 5             | 1                | 17              | 270690  | 63                    | 0       | 0       | 360825  | 631578                    |
| 6             | 3                | 17              | 186153  | 56                    | 1914    | 1192    | 442151  | 631578                    |
| 7             | 3                | 17              | 587351  | 87                    | 1653    | 1253    | 41060   | 631578                    |
| 8             | 1                | 17              | 287844  | 63                    | 0       | 0       | 343671  | 631578                    |
| 9             | 3                | 17              | 346018  | 94                    | 1034    | 1799    | 282445  | 631578                    |
| 10            | 2                | 17              | 114072  | 50                    | 1089    | 0       | 516317  | 631578                    |
| 11            | 1                | 17              | 424948  | 91                    | 0       | 0       | 206539  | 631578                    |
| 12            | 1                | 17              | 301047  | 51                    | 0       | 0       | 330480  | 631578                    |
| 13            | 3                | 17              | 138914  | 63                    | 1334    | 1132    | 490009  | 631578                    |
| 14            | 1                | 17              | 49365   | 98                    | 0       | 0       | 582115  | 631578                    |
| 15            | 1                | 17              | 136042  | 89                    | 0       | 0       | 495447  | 631578                    |
| 16            | 3                | 17              | 454867  | 87                    | 1252    | 1225    | 173973  | 631578                    |
| 17            | 2                | 17              | 470797  | 76                    | 1903    | 0       | 158726  | 631578                    |
| 18            | 1                | 17              | 201631  | 77                    | 0       | 0       | 429870  | 631578                    |
| 19            | 2                | 17              | 493188  | 95                    | 1906    | 0       | 136294  | 631578                    |

Type 5 #6 5497 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 14              | 85143   | 80                    | 1376    | 0       | 913321  | 1000000                   |
| 2             | 2                | 14              | 606034  | 89                    | 1027    | 0       | 392761  | 1000000                   |
| 3             | 2                | 14              | 54194   | 92                    | 1240    | 0       | 944382  | 1000000                   |
| 4             | 1                | 14              | 386465  | 68                    | 0       | 0       | 613467  | 1000000                   |
| 5             | 2                | 14              | 654430  | 84                    | 1354    | 0       | 344048  | 1000000                   |
| 6             | 1                | 14              | 621531  | 55                    | 0       | 0       | 378414  | 1000000                   |
| 7             | 3                | 14              | 206467  | 89                    | 1227    | 1522    | 790517  | 1000000                   |
| 8             | 1                | 14              | 970106  | 92                    | 0       | 0       | 29802   | 1000000                   |
| 9             | 1                | 14              | 507708  | 70                    | 0       | 0       | 492222  | 1000000                   |
| 10            | 1                | 14              | 52546   | 86                    | 0       | 0       | 947368  | 1000000                   |
| 11            | 2                | 14              | 816797  | 97                    | 1727    | 0       | 181282  | 1000000                   |
| 12            | 1                | 14              | 893905  | 67                    | 0       | 0       | 106028  | 1000000                   |

Type 5 #7 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 9               | 227347  | 65                    | 0       | 0       | 372588  | 600000                    |
| 2             | 3                | 9               | 41622   | 99                    | 1034    | 1455    | 555592  | 600000                    |
| 3             | 2                | 9               | 107225  | 60                    | 1987    | 0       | 490668  | 600000                    |
| 4             | 1                | 9               | 84741   | 96                    | 0       | 0       | 515163  | 600000                    |
| 5             | 2                | 9               | 572179  | 57                    | 1894    | 0       | 25813   | 600000                    |
| 6             | 3                | 9               | 514040  | 59                    | 1072    | 1314    | 83397   | 600000                    |
| 7             | 2                | 9               | 107370  | 61                    | 1031    | 0       | 491477  | 600000                    |
| 8             | 1                | 9               | 159766  | 99                    | 0       | 0       | 440135  | 600000                    |
| 9             | 1                | 9               | 298660  | 82                    | 0       | 0       | 301258  | 600000                    |
| 10            | 1                | 9               | 215349  | 71                    | 0       | 0       | 384580  | 600000                    |
| 11            | 2                | 9               | 137774  | 86                    | 1783    | 0       | 460271  | 600000                    |
| 12            | 2                | 9               | 534351  | 78                    | 1125    | 0       | 64368   | 600000                    |
| 13            | 1                | 9               | 536355  | 71                    | 0       | 0       | 63574   | 600000                    |
| 14            | 3                | 9               | 109500  | 61                    | 1372    | 1652    | 487293  | 600000                    |
| 15            | 3                | 9               | 135063  | 52                    | 1985    | 1316    | 461480  | 600000                    |
| 16            | 1                | 9               | 238869  | 90                    | 0       | 0       | 361041  | 600000                    |
| 17            | 1                | 9               | 492814  | 77                    | 0       | 0       | 107109  | 600000                    |
| 18            | 2                | 9               | 112562  | 80                    | 1438    | 0       | 485840  | 600000                    |
| 19            | 2                | 9               | 182387  | 74                    | 1006    | 0       | 416459  | 600000                    |
| 20            | 3                | 9               | 148425  | 96                    | 1546    | 1196    | 448545  | 600000                    |

Type 5 #8 5496 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 13              | 642992  | 73                    | 1459    | 1004    | 211468  | 857142                    |
| 2             | 2                | 13              | 445337  | 94                    | 1691    | 0       | 409926  | 857142                    |
| 3             | 3                | 13              | 397424  | 69                    | 1118    | 1797    | 456596  | 857142                    |
| 4             | 2                | 13              | 583261  | 85                    | 1848    | 0       | 271863  | 857142                    |
| 5             | 2                | 13              | 763279  | 84                    | 1680    | 0       | 92015   | 857142                    |
| 6             | 2                | 13              | 24341   | 63                    | 1629    | 0       | 831046  | 857142                    |
| 7             | 1                | 13              | 834260  | 100                   | 0       | 0       | 22782   | 857142                    |
| 8             | 2                | 13              | 463135  | 59                    | 1084    | 0       | 392805  | 857142                    |
| 9             | 1                | 13              | 337898  | 81                    | 0       | 0       | 519163  | 857142                    |
| 10            | 2                | 13              | 485433  | 91                    | 1793    | 0       | 369734  | 857142                    |
| 11            | 1                | 13              | 562873  | 86                    | 0       | 0       | 294183  | 857142                    |
| 12            | 2                | 13              | 277773  | 52                    | 1992    | 0       | 577273  | 857142                    |
| 13            | 3                | 13              | 266700  | 93                    | 1054    | 1594    | 587515  | 857142                    |
| 14            | 2                | 13              | 707310  | 79                    | 1405    | 0       | 148269  | 857142                    |

Type 5 #9 5493 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 6               | 35223   | 61                    | 0       | 0       | 964716  | 1000000                   |
| 2             | 1                | 6               | 707081  | 54                    | 0       | 0       | 292865  | 1000000                   |
| 3             | 2                | 6               | 592271  | 79                    | 1861    | 0       | 405710  | 1000000                   |
| 4             | 3                | 6               | 863945  | 99                    | 1569    | 1860    | 132329  | 1000000                   |
| 5             | 2                | 6               | 902576  | 73                    | 1551    | 0       | 95727   | 1000000                   |
| 6             | 1                | 6               | 626464  | 70                    | 0       | 0       | 373466  | 1000000                   |
| 7             | 2                | 6               | 347657  | 92                    | 1256    | 0       | 650903  | 1000000                   |
| 8             | 1                | 6               | 508530  | 99                    | 0       | 0       | 491371  | 1000000                   |
| 9             | 1                | 6               | 94149   | 82                    | 0       | 0       | 905769  | 1000000                   |
| 10            | 3                | 6               | 811164  | 77                    | 1736    | 1631    | 185238  | 1000000                   |
| 11            | 2                | 6               | 59792   | 93                    | 1634    | 0       | 938388  | 1000000                   |
| 12            | 1                | 6               | 518143  | 91                    | 0       | 0       | 481766  | 1000000                   |

Type 5 #10 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 10              | 249095  | 85                    | 1319    | 0       | 549416  | 800000                    |
| 2             | 1                | 10              | 48893   | 93                    | 0       | 0       | 751014  | 800000                    |
| 3             | 2                | 10              | 452587  | 88                    | 1103    | 0       | 346134  | 800000                    |
| 4             | 1                | 10              | 105415  | 59                    | 0       | 0       | 694526  | 800000                    |
| 5             | 2                | 10              | 322240  | 56                    | 1780    | 0       | 475868  | 800000                    |
| 6             | 1                | 10              | 542818  | 53                    | 0       | 0       | 257129  | 800000                    |
| 7             | 2                | 10              | 196     | 73                    | 1131    | 0       | 798527  | 800000                    |
| 8             | 1                | 10              | 673106  | 88                    | 0       | 0       | 126806  | 800000                    |
| 9             | 2                | 10              | 460342  | 98                    | 1616    | 0       | 337846  | 800000                    |
| 10            | 2                | 10              | 7856    | 79                    | 1852    | 0       | 790134  | 800000                    |
| 11            | 2                | 10              | 83499   | 53                    | 1505    | 0       | 714890  | 800000                    |
| 12            | 3                | 10              | 236017  | 52                    | 1426    | 1555    | 560846  | 800000                    |
| 13            | 1                | 10              | 488025  | 80                    | 0       | 0       | 311895  | 800000                    |
| 14            | 2                | 10              | 600475  | 88                    | 1930    | 0       | 197419  | 800000                    |
| 15            | 3                | 10              | 250643  | 82                    | 1019    | 1173    | 546919  | 800000                    |

Type 5 #11 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 13              | 421266  | 53                    | 1093    | 1614    | 775868  | 1200000                   |
| 2             | 1                | 13              | 944368  | 73                    | 0       | 0       | 255559  | 1200000                   |
| 3             | 1                | 13              | 352951  | 97                    | 0       | 0       | 846952  | 1200000                   |
| 4             | 2                | 13              | 1034454 | 92                    | 1918    | 0       | 163444  | 1200000                   |
| 5             | 2                | 13              | 958133  | 80                    | 1557    | 0       | 240150  | 1200000                   |
| 6             | 1                | 13              | 950052  | 66                    | 0       | 0       | 249882  | 1200000                   |
| 7             | 1                | 13              | 481606  | 100                   | 0       | 0       | 718294  | 1200000                   |
| 8             | 2                | 13              | 831185  | 87                    | 1234    | 0       | 367407  | 1200000                   |
| 9             | 3                | 13              | 961120  | 71                    | 1411    | 1903    | 235353  | 1200000                   |
| 10            | 1                | 13              | 755050  | 71                    | 0       | 0       | 444879  | 1200000                   |

Type 5 #12 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 9               | 294976  | 98                    | 1331    | 0       | 703497  | 1000000                   |
| 2             | 2                | 9               | 138373  | 81                    | 1022    | 0       | 860443  | 1000000                   |
| 3             | 3                | 9               | 59030   | 96                    | 1803    | 1479    | 937400  | 1000000                   |
| 4             | 3                | 9               | 738743  | 56                    | 1923    | 1765    | 257401  | 1000000                   |
| 5             | 3                | 9               | 702452  | 88                    | 1013    | 1370    | 294901  | 1000000                   |
| 6             | 3                | 9               | 108669  | 92                    | 1643    | 1839    | 887573  | 1000000                   |
| 7             | 3                | 9               | 424830  | 90                    | 1904    | 1582    | 571414  | 1000000                   |
| 8             | 3                | 9               | 196014  | 69                    | 1667    | 1652    | 800460  | 1000000                   |
| 9             | 2                | 9               | 118397  | 80                    | 1829    | 0       | 879614  | 1000000                   |
| 10            | 2                | 9               | 772870  | 61                    | 1594    | 0       | 225414  | 1000000                   |
| 11            | 1                | 9               | 926566  | 79                    | 0       | 0       | 73355   | 1000000                   |
| 12            | 2                | 9               | 495451  | 97                    | 1178    | 0       | 503177  | 1000000                   |

Type 5 #13 5506 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 7               | 1445242 | 87                    | 0       | 0       | 54671   | 1500000                   |
| 2             | 1                | 7               | 1375261 | 53                    | 0       | 0       | 124686  | 1500000                   |
| 3             | 3                | 7               | 1080390 | 87                    | 1355    | 1874    | 416120  | 1500000                   |
| 4             | 1                | 7               | 403297  | 81                    | 0       | 0       | 1096622 | 1500000                   |
| 5             | 1                | 7               | 973487  | 82                    | 0       | 0       | 526431  | 1500000                   |
| 6             | 2                | 7               | 405622  | 91                    | 1879    | 0       | 1092317 | 1500000                   |
| 7             | 1                | 7               | 1399547 | 86                    | 0       | 0       | 100367  | 1500000                   |
| 8             | 1                | 7               | 1303101 | 91                    | 0       | 0       | 196808  | 1500000                   |

Type 5 #14 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 5               | 34232   | 55                    | 1180    | 0       | 670360  | 705882                    |
| 2             | 3                | 5               | 299594  | 84                    | 1402    | 1512    | 403122  | 705882                    |
| 3             | 2                | 5               | 187895  | 69                    | 1830    | 0       | 516019  | 705882                    |
| 4             | 3                | 5               | 142871  | 54                    | 1853    | 1803    | 559193  | 705882                    |
| 5             | 1                | 5               | 40679   | 91                    | 0       | 0       | 665112  | 705882                    |
| 6             | 1                | 5               | 626402  | 93                    | 0       | 0       | 79387   | 705882                    |
| 7             | 1                | 5               | 447949  | 75                    | 0       | 0       | 257858  | 705882                    |
| 8             | 2                | 5               | 586414  | 77                    | 1292    | 0       | 118022  | 705882                    |
| 9             | 2                | 5               | 240870  | 80                    | 1755    | 0       | 463097  | 705882                    |
| 10            | 2                | 5               | 187786  | 85                    | 1438    | 0       | 516488  | 705882                    |
| 11            | 2                | 5               | 632704  | 52                    | 1548    | 0       | 71526   | 705882                    |
| 12            | 1                | 5               | 260640  | 73                    | 0       | 0       | 445169  | 705882                    |
| 13            | 3                | 5               | 440066  | 100                   | 1610    | 1822    | 262084  | 705882                    |
| 14            | 1                | 5               | 527013  | 97                    | 0       | 0       | 178772  | 705882                    |
| 15            | 1                | 5               | 83344   | 53                    | 0       | 0       | 622485  | 705882                    |
| 16            | 1                | 5               | 170584  | 70                    | 0       | 0       | 535228  | 705882                    |
| 17            | 1                | 5               | 413790  | 84                    | 0       | 0       | 292008  | 705882                    |

Type 5 #15 5503 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 16              | 283877  | 79                    | 1628    | 0       | 381003  | 666666                    |
| 2             | 3                | 16              | 422765  | 80                    | 1840    | 1841    | 239980  | 666666                    |
| 3             | 2                | 16              | 462598  | 58                    | 1572    | 0       | 202380  | 666666                    |
| 4             | 1                | 16              | 621269  | 59                    | 0       | 0       | 45338   | 666666                    |
| 5             | 1                | 16              | 510507  | 76                    | 0       | 0       | 156083  | 666666                    |
| 6             | 2                | 16              | 248009  | 72                    | 1063    | 0       | 417450  | 666666                    |
| 7             | 3                | 16              | 244235  | 61                    | 1378    | 1788    | 419082  | 666666                    |
| 8             | 1                | 16              | 430494  | 55                    | 0       | 0       | 236117  | 666666                    |
| 9             | 1                | 16              | 375276  | 76                    | 0       | 0       | 291314  | 666666                    |
| 10            | 2                | 16              | 488843  | 80                    | 1425    | 0       | 176238  | 666666                    |
| 11            | 3                | 16              | 603942  | 97                    | 1435    | 1391    | 59607   | 666666                    |
| 12            | 2                | 16              | 500937  | 52                    | 1886    | 0       | 163739  | 666666                    |
| 13            | 3                | 16              | 358798  | 93                    | 1211    | 1468    | 304910  | 666666                    |
| 14            | 1                | 16              | 136878  | 90                    | 0       | 0       | 529698  | 666666                    |
| 15            | 2                | 16              | 345845  | 79                    | 1319    | 0       | 319344  | 666666                    |
| 16            | 2                | 16              | 105749  | 94                    | 1960    | 0       | 558769  | 666666                    |
| 17            | 1                | 16              | 401812  | 97                    | 0       | 0       | 264757  | 666666                    |
| 18            | 2                | 16              | 585188  | 73                    | 1844    | 0       | 79488   | 666666                    |

Type 5 #16 5497 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 15              | 745130  | 65                    | 0       | 0       | 454805  | 1200000                   |
| 2             | 3                | 15              | 359807  | 67                    | 1637    | 1752    | 836603  | 1200000                   |
| 3             | 2                | 15              | 602537  | 55                    | 1839    | 0       | 595514  | 1200000                   |
| 4             | 2                | 15              | 864739  | 54                    | 1631    | 0       | 333522  | 1200000                   |
| 5             | 1                | 15              | 25346   | 77                    | 0       | 0       | 1174577 | 1200000                   |
| 6             | 2                | 15              | 929803  | 85                    | 1049    | 0       | 268978  | 1200000                   |
| 7             | 3                | 15              | 393529  | 52                    | 1325    | 1114    | 803876  | 1200000                   |
| 8             | 1                | 15              | 432164  | 97                    | 0       | 0       | 767739  | 1200000                   |
| 9             | 3                | 15              | 118132  | 70                    | 1186    | 1802    | 1078670 | 1200000                   |
| 10            | 2                | 15              | 482532  | 50                    | 1557    | 0       | 715811  | 1200000                   |

Type 5 #17 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 15              | 580915  | 97                    | 1142    | 1199    | 216453  | 800000                    |
| 2             | 3                | 15              | 751360  | 82                    | 1256    | 1023    | 46115   | 800000                    |
| 3             | 1                | 15              | 597646  | 70                    | 0       | 0       | 202284  | 800000                    |
| 4             | 1                | 15              | 693443  | 95                    | 0       | 0       | 106462  | 800000                    |
| 5             | 3                | 15              | 392940  | 65                    | 1923    | 1129    | 403813  | 800000                    |
| 6             | 2                | 15              | 622020  | 68                    | 1646    | 0       | 176198  | 800000                    |
| 7             | 2                | 15              | 9346    | 65                    | 1668    | 0       | 788856  | 800000                    |
| 8             | 1                | 15              | 534205  | 58                    | 0       | 0       | 265737  | 800000                    |
| 9             | 1                | 15              | 60472   | 57                    | 0       | 0       | 739471  | 800000                    |
| 10            | 2                | 15              | 614949  | 53                    | 1233    | 0       | 183712  | 800000                    |
| 11            | 2                | 15              | 588939  | 77                    | 1653    | 0       | 209254  | 800000                    |
| 12            | 3                | 15              | 644406  | 70                    | 1001    | 1012    | 153371  | 800000                    |
| 13            | 1                | 15              | 14355   | 80                    | 0       | 0       | 785565  | 800000                    |
| 14            | 1                | 15              | 525239  | 68                    | 0       | 0       | 274693  | 800000                    |
| 15            | 1                | 15              | 89120   | 81                    | 0       | 0       | 710799  | 800000                    |

Type 5 #18 5502 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 168737  | 81                    | 1258    | 1565    | 919106  | 1090909                   |
| 2             | 3                | 18              | 1087114 | 56                    | 1474    | 1559    | 594     | 1090909                   |
| 3             | 1                | 18              | 772140  | 59                    | 0       | 0       | 318710  | 1090909                   |
| 4             | 2                | 18              | 905703  | 80                    | 1155    | 0       | 183891  | 1090909                   |
| 5             | 3                | 18              | 1026477 | 71                    | 1579    | 1953    | 60687   | 1090909                   |
| 6             | 2                | 18              | 389020  | 63                    | 1497    | 0       | 700266  | 1090909                   |
| 7             | 1                | 18              | 962517  | 57                    | 0       | 0       | 128335  | 1090909                   |
| 8             | 2                | 18              | 342275  | 82                    | 1000    | 0       | 747470  | 1090909                   |
| 9             | 1                | 18              | 1002320 | 95                    | 0       | 0       | 88494   | 1090909                   |
| 10            | 1                | 18              | 501767  | 81                    | 0       | 0       | 589061  | 1090909                   |
| 11            | 3                | 18              | 18034   | 59                    | 1052    | 1419    | 1070227 | 1090909                   |

Type 5 #19 5494 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 8               | 442631  | 93                    | 0       | 0       | 480352  | 923076                    |
| 2             | 2                | 8               | 711092  | 94                    | 1855    | 0       | 209941  | 923076                    |
| 3             | 1                | 8               | 286964  | 92                    | 0       | 0       | 636020  | 923076                    |
| 4             | 3                | 8               | 861097  | 86                    | 1080    | 1332    | 59309   | 923076                    |
| 5             | 2                | 8               | 285124  | 79                    | 1964    | 0       | 635830  | 923076                    |
| 6             | 1                | 8               | 127944  | 97                    | 0       | 0       | 795035  | 923076                    |
| 7             | 2                | 8               | 500184  | 84                    | 1868    | 0       | 420856  | 923076                    |
| 8             | 2                | 8               | 561269  | 51                    | 1266    | 0       | 360439  | 923076                    |
| 9             | 2                | 8               | 635670  | 57                    | 1758    | 0       | 285534  | 923076                    |
| 10            | 2                | 8               | 482544  | 67                    | 1449    | 0       | 438949  | 923076                    |
| 11            | 1                | 8               | 18081   | 86                    | 0       | 0       | 904909  | 923076                    |
| 12            | 3                | 8               | 614954  | 97                    | 1631    | 1318    | 304882  | 923076                    |
| 13            | 2                | 8               | 488441  | 72                    | 1974    | 0       | 432517  | 923076                    |

Type 5 #20 5497 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 15              | 586651  | 58                    | 1725    | 0       | 161508  | 750000                    |
| 2             | 3                | 15              | 434161  | 58                    | 1274    | 1082    | 313309  | 750000                    |
| 3             | 3                | 15              | 634512  | 68                    | 1833    | 1701    | 111750  | 750000                    |
| 4             | 2                | 15              | 7715    | 81                    | 1001    | 0       | 741122  | 750000                    |
| 5             | 1                | 15              | 133185  | 58                    | 0       | 0       | 616757  | 750000                    |
| 6             | 1                | 15              | 168417  | 94                    | 0       | 0       | 581489  | 750000                    |
| 7             | 2                | 15              | 646455  | 69                    | 1431    | 0       | 101976  | 750000                    |
| 8             | 2                | 15              | 112599  | 57                    | 1897    | 0       | 635390  | 750000                    |
| 9             | 2                | 15              | 653575  | 52                    | 1174    | 0       | 95147   | 750000                    |
| 10            | 2                | 15              | 226478  | 80                    | 1885    | 0       | 521477  | 750000                    |
| 11            | 2                | 15              | 725562  | 74                    | 1444    | 0       | 22846   | 750000                    |
| 12            | 2                | 15              | 453769  | 96                    | 1567    | 0       | 294472  | 750000                    |
| 13            | 3                | 15              | 142887  | 64                    | 1684    | 1858    | 603379  | 750000                    |
| 14            | 2                | 15              | 482107  | 76                    | 1971    | 0       | 265770  | 750000                    |
| 15            | 3                | 15              | 625946  | 72                    | 1467    | 1543    | 120828  | 750000                    |
| 16            | 2                | 15              | 117734  | 64                    | 1483    | 0       | 630655  | 750000                    |

Type 5 #21 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 17              | 173442  | 71                    | 1655    | 1585    | 423105  | 600000                    |
| 2             | 2                | 17              | 156298  | 58                    | 1360    | 0       | 442226  | 600000                    |
| 3             | 3                | 17              | 394070  | 60                    | 1073    | 1914    | 202763  | 600000                    |
| 4             | 2                | 17              | 177773  | 52                    | 1977    | 0       | 420146  | 600000                    |
| 5             | 2                | 17              | 18614   | 68                    | 1280    | 0       | 579970  | 600000                    |
| 6             | 2                | 17              | 245311  | 62                    | 1394    | 0       | 353171  | 600000                    |
| 7             | 1                | 17              | 326763  | 82                    | 0       | 0       | 273155  | 600000                    |
| 8             | 2                | 17              | 30512   | 52                    | 1083    | 0       | 568301  | 600000                    |
| 9             | 2                | 17              | 363767  | 65                    | 1520    | 0       | 234583  | 600000                    |
| 10            | 1                | 17              | 216327  | 75                    | 0       | 0       | 383598  | 600000                    |
| 11            | 2                | 17              | 374280  | 64                    | 1992    | 0       | 223600  | 600000                    |
| 12            | 2                | 17              | 194034  | 92                    | 1293    | 0       | 404489  | 600000                    |
| 13            | 1                | 17              | 581238  | 92                    | 0       | 0       | 18670   | 600000                    |
| 14            | 1                | 17              | 343291  | 93                    | 0       | 0       | 256616  | 600000                    |
| 15            | 2                | 17              | 245054  | 68                    | 1207    | 0       | 353603  | 600000                    |
| 16            | 3                | 17              | 43702   | 97                    | 1755    | 1987    | 552265  | 600000                    |
| 17            | 3                | 17              | 457347  | 64                    | 1530    | 1333    | 139598  | 600000                    |
| 18            | 3                | 17              | 426937  | 71                    | 1279    | 1018    | 170553  | 600000                    |
| 19            | 1                | 17              | 538465  | 88                    | 0       | 0       | 61447   | 600000                    |
| 20            | 1                | 17              | 169144  | 73                    | 0       | 0       | 430783  | 600000                    |

Type 5 #22 5506 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 7               | 26332   | 94                    | 0       | 0       | 605152  | 631578                    |
| 2             | 3                | 7               | 29980   | 80                    | 1753    | 1220    | 598385  | 631578                    |
| 3             | 3                | 7               | 273697  | 75                    | 1039    | 1202    | 355415  | 631578                    |
| 4             | 1                | 7               | 415733  | 78                    | 0       | 0       | 215767  | 631578                    |
| 5             | 1                | 7               | 629170  | 93                    | 0       | 0       | 2315    | 631578                    |
| 6             | 3                | 7               | 315120  | 65                    | 1642    | 1796    | 312825  | 631578                    |
| 7             | 2                | 7               | 463029  | 72                    | 1460    | 0       | 166945  | 631578                    |
| 8             | 3                | 7               | 605684  | 66                    | 1237    | 1149    | 23310   | 631578                    |
| 9             | 3                | 7               | 261661  | 56                    | 1712    | 1166    | 366871  | 631578                    |
| 10            | 1                | 7               | 12115   | 92                    | 0       | 0       | 619371  | 631578                    |
| 11            | 1                | 7               | 85651   | 87                    | 0       | 0       | 545840  | 631578                    |
| 12            | 1                | 7               | 207261  | 61                    | 0       | 0       | 424256  | 631578                    |
| 13            | 2                | 7               | 82090   | 98                    | 1957    | 0       | 547335  | 631578                    |
| 14            | 2                | 7               | 296316  | 64                    | 1045    | 0       | 334089  | 631578                    |
| 15            | 2                | 7               | 539572  | 56                    | 1917    | 0       | 89977   | 631578                    |
| 16            | 3                | 7               | 4603    | 52                    | 1723    | 1937    | 623159  | 631578                    |
| 17            | 3                | 7               | 271416  | 75                    | 1967    | 1635    | 356335  | 631578                    |
| 18            | 3                | 7               | 129064  | 62                    | 1595    | 1548    | 499185  | 631578                    |
| 19            | 3                | 7               | 625947  | 79                    | 1537    | 1004    | 2853    | 631578                    |

Type 5 #23 5501 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 19              | 568457  | 87                    | 0       | 0       | 522365  | 1090909                   |
| 2             | 1                | 19              | 307639  | 73                    | 0       | 0       | 783197  | 1090909                   |
| 3             | 1                | 19              | 1081291 | 84                    | 0       | 0       | 9534    | 1090909                   |
| 4             | 3                | 19              | 777886  | 83                    | 1038    | 1575    | 310161  | 1090909                   |
| 5             | 3                | 19              | 347085  | 94                    | 1915    | 1007    | 740620  | 1090909                   |
| 6             | 3                | 19              | 376630  | 83                    | 1729    | 1695    | 710606  | 1090909                   |
| 7             | 3                | 19              | 748497  | 92                    | 1684    | 1753    | 338699  | 1090909                   |
| 8             | 3                | 19              | 1005767 | 86                    | 1508    | 1085    | 82291   | 1090909                   |
| 9             | 2                | 19              | 477356  | 95                    | 1086    | 0       | 612277  | 1090909                   |
| 10            | 2                | 19              | 428376  | 60                    | 1309    | 0       | 661104  | 1090909                   |
| 11            | 3                | 19              | 618282  | 70                    | 1968    | 1095    | 469354  | 1090909                   |

Type 5 #24 5501 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 20              | 350597  | 81                    | 1306    | 1196    | 646658  | 1000000                   |
| 2             | 3                | 20              | 990018  | 53                    | 1206    | 1835    | 6782    | 1000000                   |
| 3             | 2                | 20              | 224107  | 97                    | 1232    | 0       | 774467  | 1000000                   |
| 4             | 2                | 20              | 386292  | 75                    | 1634    | 0       | 611924  | 1000000                   |
| 5             | 1                | 20              | 284539  | 63                    | 0       | 0       | 715398  | 1000000                   |
| 6             | 3                | 20              | 773581  | 62                    | 1896    | 1081    | 223256  | 1000000                   |
| 7             | 2                | 20              | 707318  | 81                    | 1994    | 0       | 290526  | 1000000                   |
| 8             | 1                | 20              | 555466  | 53                    | 0       | 0       | 444481  | 1000000                   |
| 9             | 3                | 20              | 675939  | 59                    | 1918    | 1913    | 320053  | 1000000                   |
| 10            | 3                | 20              | 109933  | 67                    | 1150    | 1201    | 887515  | 1000000                   |
| 11            | 3                | 20              | 409742  | 74                    | 1518    | 1552    | 586966  | 1000000                   |
| 12            | 3                | 20              | 481552  | 79                    | 1502    | 1182    | 515527  | 1000000                   |

Type 5 #25 5501 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 20              | 133105  | 65                    | 1639    | 1079    | 530648  | 666666                    |
| 2             | 1                | 20              | 405547  | 68                    | 0       | 0       | 261051  | 666666                    |
| 3             | 3                | 20              | 441344  | 96                    | 1746    | 1880    | 221408  | 666666                    |
| 4             | 3                | 20              | 552550  | 56                    | 1475    | 1910    | 110563  | 666666                    |
| 5             | 1                | 20              | 399998  | 63                    | 0       | 0       | 266605  | 666666                    |
| 6             | 1                | 20              | 379692  | 72                    | 0       | 0       | 286902  | 666666                    |
| 7             | 3                | 20              | 25670   | 53                    | 1564    | 1179    | 638094  | 666666                    |
| 8             | 2                | 20              | 263787  | 81                    | 1785    | 0       | 400932  | 666666                    |
| 9             | 3                | 20              | 290801  | 80                    | 1379    | 1820    | 372426  | 666666                    |
| 10            | 1                | 20              | 352199  | 74                    | 0       | 0       | 314393  | 666666                    |
| 11            | 3                | 20              | 146427  | 73                    | 1861    | 1294    | 516865  | 666666                    |
| 12            | 2                | 20              | 480363  | 51                    | 1104    | 0       | 185097  | 666666                    |
| 13            | 1                | 20              | 466386  | 62                    | 0       | 0       | 200218  | 666666                    |
| 14            | 2                | 20              | 129481  | 78                    | 1661    | 0       | 535368  | 666666                    |
| 15            | 1                | 20              | 343077  | 67                    | 0       | 0       | 323522  | 666666                    |
| 16            | 1                | 20              | 298438  | 61                    | 0       | 0       | 368167  | 666666                    |
| 17            | 2                | 20              | 88635   | 58                    | 1818    | 0       | 576097  | 666666                    |
| 18            | 1                | 20              | 469990  | 60                    | 0       | 0       | 196616  | 666666                    |

Type 5 #26 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 15              | 288765  | 84                    | 0       | 0       | 511151  | 800000                    |
| 2             | 2                | 15              | 467245  | 56                    | 1231    | 0       | 331412  | 800000                    |
| 3             | 2                | 15              | 238352  | 94                    | 1273    | 0       | 560187  | 800000                    |
| 4             | 2                | 15              | 740777  | 64                    | 1922    | 0       | 57173   | 800000                    |
| 5             | 2                | 15              | 31051   | 98                    | 1320    | 0       | 767433  | 800000                    |
| 6             | 1                | 15              | 520616  | 77                    | 0       | 0       | 279307  | 800000                    |
| 7             | 3                | 15              | 528648  | 80                    | 1147    | 1096    | 268869  | 800000                    |
| 8             | 3                | 15              | 258965  | 92                    | 1507    | 1870    | 537382  | 800000                    |
| 9             | 1                | 15              | 356241  | 64                    | 0       | 0       | 443695  | 800000                    |
| 10            | 1                | 15              | 252857  | 89                    | 0       | 0       | 547054  | 800000                    |
| 11            | 2                | 15              | 136796  | 80                    | 1147    | 0       | 661897  | 800000                    |
| 12            | 1                | 15              | 731033  | 87                    | 0       | 0       | 68880   | 800000                    |
| 13            | 2                | 15              | 464940  | 58                    | 1112    | 0       | 333832  | 800000                    |
| 14            | 1                | 15              | 614129  | 100                   | 0       | 0       | 185771  | 800000                    |
| 15            | 2                | 15              | 625698  | 84                    | 1321    | 0       | 172813  | 800000                    |

Type 5 #27 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 10              | 111944  | 72                    | 1672    | 1769    | 1217732 | 1333333                   |
| 2             | 2                | 10              | 1232482 | 92                    | 1926    | 0       | 98741   | 1333333                   |
| 3             | 1                | 10              | 946201  | 97                    | 0       | 0       | 387035  | 1333333                   |
| 4             | 3                | 10              | 106374  | 64                    | 1655    | 1098    | 1224014 | 1333333                   |
| 5             | 2                | 10              | 1130285 | 57                    | 1189    | 0       | 201745  | 1333333                   |
| 6             | 3                | 10              | 111123  | 54                    | 1863    | 1569    | 1218616 | 1333333                   |
| 7             | 3                | 10              | 357033  | 80                    | 1691    | 1728    | 972641  | 1333333                   |
| 8             | 1                | 10              | 701663  | 55                    | 0       | 0       | 631615  | 1333333                   |
| 9             | 3                | 10              | 978605  | 50                    | 1749    | 1204    | 351625  | 1333333                   |

Type 5 #28 5500 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 18              | 387052  | 63                    | 0       | 0       | 412885  | 800000                    |
| 2             | 3                | 18              | 284844  | 72                    | 1270    | 1349    | 512321  | 800000                    |
| 3             | 3                | 18              | 783334  | 92                    | 1343    | 1334    | 13713   | 800000                    |
| 4             | 2                | 18              | 556902  | 50                    | 1367    | 0       | 241631  | 800000                    |
| 5             | 2                | 18              | 632541  | 83                    | 1144    | 0       | 166149  | 800000                    |
| 6             | 1                | 18              | 295659  | 54                    | 0       | 0       | 504287  | 800000                    |
| 7             | 1                | 18              | 746011  | 52                    | 0       | 0       | 53937   | 800000                    |
| 8             | 2                | 18              | 395031  | 71                    | 1444    | 0       | 403383  | 800000                    |
| 9             | 3                | 18              | 84245   | 92                    | 1198    | 1549    | 712732  | 800000                    |
| 10            | 3                | 18              | 784145  | 93                    | 1248    | 1378    | 12950   | 800000                    |
| 11            | 1                | 18              | 118337  | 65                    | 0       | 0       | 681598  | 800000                    |
| 12            | 3                | 18              | 145168  | 80                    | 1139    | 1043    | 652410  | 800000                    |
| 13            | 1                | 18              | 81506   | 80                    | 0       | 0       | 718414  | 800000                    |
| 14            | 3                | 18              | 428778  | 65                    | 1412    | 1981    | 367634  | 800000                    |
| 15            | 2                | 18              | 397723  | 76                    | 1527    | 0       | 400598  | 800000                    |

Type 5 #29 5505 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 11              | 757331  | 88                    | 1964    | 1783    | 161734  | 923076                    |
| 2             | 1                | 11              | 609616  | 96                    | 0       | 0       | 313364  | 923076                    |
| 3             | 2                | 11              | 236801  | 80                    | 1942    | 0       | 684173  | 923076                    |
| 4             | 2                | 11              | 760724  | 72                    | 1268    | 0       | 160940  | 923076                    |
| 5             | 2                | 11              | 599800  | 89                    | 1774    | 0       | 321324  | 923076                    |
| 6             | 3                | 11              | 152072  | 71                    | 1099    | 1511    | 768181  | 923076                    |
| 7             | 2                | 11              | 91688   | 60                    | 1221    | 0       | 830047  | 923076                    |
| 8             | 2                | 11              | 214243  | 82                    | 1311    | 0       | 707358  | 923076                    |
| 9             | 2                | 11              | 825147  | 50                    | 1868    | 0       | 95961   | 923076                    |
| 10            | 1                | 11              | 866616  | 90                    | 0       | 0       | 56370   | 923076                    |
| 11            | 2                | 11              | 885650  | 88                    | 1254    | 0       | 35996   | 923076                    |
| 12            | 1                | 11              | 122951  | 99                    | 0       | 0       | 800026  | 923076                    |
| 13            | 3                | 11              | 455647  | 70                    | 1205    | 1402    | 464612  | 923076                    |

Type 5 #30 5501 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 20              | 603855  | 80                    | 1787    | 0       | 60864   | 666666                    |
| 2             | 3                | 20              | 381519  | 88                    | 1616    | 1629    | 281638  | 666666                    |
| 3             | 2                | 20              | 174509  | 71                    | 1236    | 0       | 490779  | 666666                    |
| 4             | 3                | 20              | 472318  | 56                    | 1796    | 1496    | 190888  | 666666                    |
| 5             | 1                | 20              | 249167  | 62                    | 0       | 0       | 417437  | 666666                    |
| 6             | 2                | 20              | 416840  | 75                    | 1343    | 0       | 248333  | 666666                    |
| 7             | 3                | 20              | 114837  | 83                    | 1792    | 1916    | 547872  | 666666                    |
| 8             | 2                | 20              | 248206  | 53                    | 1648    | 0       | 416706  | 666666                    |
| 9             | 3                | 20              | 611415  | 95                    | 1829    | 1882    | 51255   | 666666                    |
| 10            | 3                | 20              | 215547  | 73                    | 1288    | 1034    | 448578  | 666666                    |
| 11            | 2                | 20              | 127983  | 82                    | 1565    | 0       | 536954  | 666666                    |
| 12            | 2                | 20              | 49545   | 78                    | 1262    | 0       | 615703  | 666666                    |
| 13            | 3                | 20              | 436803  | 95                    | 1913    | 1626    | 226039  | 666666                    |
| 14            | 1                | 20              | 98741   | 76                    | 0       | 0       | 567849  | 666666                    |
| 15            | 1                | 20              | 93124   | 98                    | 0       | 0       | 573444  | 666666                    |
| 16            | 2                | 20              | 484938  | 84                    | 1295    | 0       | 180265  | 666666                    |
| 17            | 3                | 20              | 104571  | 63                    | 1591    | 1241    | 559074  | 666666                    |
| 18            | 1                | 20              | 163494  | 70                    | 0       | 0       | 503102  | 666666                    |

**Type 6 #1 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5382 | #02-5457 | #03-5539 | #04-5325 | #05-5606 | #06-5344 | #07-5664 | #08-5296 | #09-5256 | #10-5608  |
| #11-5460 | #12-5531 | #13-5463 | #14-5609 | #15-5456 | #16-5573 | #17-5328 | #18-5392 | #19-5672 | #20-5284  |
| #21-5695 | #22-5568 | #23-5574 | #24-5324 | #25-5479 | #26-5445 | #27-5701 | #28-5583 | #29-5481 | #30-5519  |
| #31-5352 | #32-5566 | #33-5455 | #34-5526 | #35-5634 | #36-5298 | #37-5520 | #38-5576 | #39-5554 | #40-5318  |
| #41-5266 | #42-5525 | #43-5555 | #44-5333 | #45-5635 | #46-5507 | #47-5273 | #48-5407 | #49-5360 | #50-5571  |
| #51-5496 | #52-5415 | #53-5696 | #54-5367 | #55-5665 | #56-5540 | #57-5614 | #58-5461 | #59-5578 | #60-5405  |
| #61-5369 | #62-5331 | #63-5543 | #64-5458 | #65-5503 | #66-5623 | #67-5319 | #68-5662 | #69-5704 | #70-5406  |
| #71-5299 | #72-5478 | #73-5563 | #74-5604 | #75-5267 | #76-5418 | #77-5262 | #78-5491 | #79-5420 | #80-5694  |
| #81-5422 | #82-5545 | #83-5472 | #84-5643 | #85-5272 | #86-5666 | #87-5601 | #88-5342 | #89-5594 | #90-5343  |
| #91-5413 | #92-5306 | #93-5250 | #94-5395 | #95-5680 | #96-5663 | #97-5712 | #98-5346 | #99-5552 | #100-5263 |

**Type 6 #2 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5436 | #02-5339 | #03-5431 | #04-5675 | #05-5517 | #06-5267 | #07-5581 | #08-5344 | #09-5348 | #10-5494  |
| #11-5526 | #12-5368 | #13-5293 | #14-5606 | #15-5710 | #16-5552 | #17-5584 | #18-5630 | #19-5439 | #20-5569  |
| #21-5269 | #22-5705 | #23-5319 | #24-5610 | #25-5718 | #26-5717 | #27-5477 | #28-5413 | #29-5647 | #30-5332  |
| #31-5433 | #32-5644 | #33-5663 | #34-5404 | #35-5505 | #36-5331 | #37-5361 | #38-5523 | #39-5372 | #40-5254  |
| #41-5328 | #42-5503 | #43-5720 | #44-5347 | #45-5543 | #46-5297 | #47-5264 | #48-5376 | #49-5414 | #50-5380  |
| #51-5326 | #52-5333 | #53-5631 | #54-5706 | #55-5719 | #56-5460 | #57-5271 | #58-5550 | #59-5680 | #60-5525  |
| #61-5514 | #62-5419 | #63-5424 | #64-5263 | #65-5309 | #66-5604 | #67-5434 | #68-5613 | #69-5352 | #70-5627  |
| #71-5447 | #72-5308 | #73-5510 | #74-5441 | #75-5491 | #76-5493 | #77-5707 | #78-5694 | #79-5314 | #80-5667  |
| #81-5698 | #82-5362 | #83-5253 | #84-5529 | #85-5256 | #86-5359 | #87-5268 | #88-5678 | #89-5416 | #90-5301  |
| #91-5316 | #92-5545 | #93-5571 | #94-5576 | #95-5471 | #96-5640 | #97-5337 | #98-5701 | #99-5288 | #100-5660 |

**Type 6 #3 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5595 | #02-5377 | #03-5274 | #04-5509 | #05-5660 | #06-5267 | #07-5548 | #08-5446 | #09-5470 | #10-5479  |
| #11-5471 | #12-5297 | #13-5484 | #14-5262 | #15-5547 | #16-5405 | #17-5412 | #18-5624 | #19-5258 | #20-5682  |
| #21-5590 | #22-5473 | #23-5449 | #24-5299 | #25-5565 | #26-5630 | #27-5466 | #28-5663 | #29-5694 | #30-5574  |
| #31-5406 | #32-5254 | #33-5662 | #34-5374 | #35-5325 | #36-5577 | #37-5335 | #38-5469 | #39-5591 | #40-5713  |
| #41-5531 | #42-5543 | #43-5458 | #44-5657 | #45-5554 | #46-5270 | #47-5308 | #48-5555 | #49-5280 | #50-5314  |
| #51-5481 | #52-5433 | #53-5698 | #54-5334 | #55-5329 | #56-5375 | #57-5653 | #58-5704 | #59-5672 | #60-5285  |
| #61-5525 | #62-5613 | #63-5480 | #64-5622 | #65-5323 | #66-5463 | #67-5362 | #68-5357 | #69-5666 | #70-5696  |
| #71-5324 | #72-5668 | #73-5286 | #74-5272 | #75-5401 | #76-5298 | #77-5260 | #78-5520 | #79-5472 | #80-5546  |
| #81-5575 | #82-5639 | #83-5634 | #84-5632 | #85-5349 | #86-5700 | #87-5287 | #88-5580 | #89-5306 | #90-5678  |
| #91-5645 | #92-5361 | #93-5522 | #94-5557 | #95-5436 | #96-5642 | #97-5320 | #98-5564 | #99-5586 | #100-5344 |

| Type 6 #4 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5632                    | #02-5674 | #03-5613 | #04-5306 | #05-5713 | #06-5534 | #07-5400 | #08-5675 | #09-5655 | #10-5280  |
| #11-5362                    | #12-5385 | #13-5483 | #14-5376 | #15-5437 | #16-5609 | #17-5703 | #18-5568 | #19-5524 | #20-5346  |
| #21-5432                    | #22-5504 | #23-5303 | #24-5712 | #25-5297 | #26-5689 | #27-5393 | #28-5452 | #29-5557 | #30-5480  |
| #31-5701                    | #32-5419 | #33-5652 | #34-5378 | #35-5634 | #36-5617 | #37-5271 | #38-5574 | #39-5641 | #40-5529  |
| #41-5542                    | #42-5330 | #43-5644 | #44-5267 | #45-5560 | #46-5506 | #47-5592 | #48-5395 | #49-5366 | #50-5547  |
| #51-5663                    | #52-5466 | #53-5286 | #54-5485 | #55-5625 | #56-5372 | #57-5616 | #58-5624 | #59-5256 | #60-5272  |
| #61-5392                    | #62-5673 | #63-5363 | #64-5425 | #65-5304 | #66-5666 | #67-5454 | #68-5351 | #69-5463 | #70-5538  |
| #71-5585                    | #72-5374 | #73-5651 | #74-5719 | #75-5522 | #76-5347 | #77-5580 | #78-5284 | #79-5402 | #80-5510  |
| #81-5340                    | #82-5722 | #83-5329 | #84-5258 | #85-5540 | #86-5481 | #87-5383 | #88-5420 | #89-5475 | #90-5511  |
| #91-5251                    | #92-5369 | #93-5570 | #94-5620 | #95-5390 | #96-5596 | #97-5691 | #98-5470 | #99-5692 | #100-5618 |

| Type 6 #5 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5305                    | #02-5492 | #03-5657 | #04-5553 | #05-5687 | #06-5536 | #07-5541 | #08-5293 | #09-5684 | #10-5525  |
| #11-5514                    | #12-5584 | #13-5474 | #14-5465 | #15-5652 | #16-5394 | #17-5591 | #18-5356 | #19-5608 | #20-5543  |
| #21-5531                    | #22-5284 | #23-5603 | #24-5678 | #25-5535 | #26-5461 | #27-5527 | #28-5279 | #29-5579 | #30-5656  |
| #31-5382                    | #32-5360 | #33-5318 | #34-5498 | #35-5451 | #36-5577 | #37-5313 | #38-5500 | #39-5295 | #40-5254  |
| #41-5668                    | #42-5339 | #43-5454 | #44-5675 | #45-5719 | #46-5390 | #47-5619 | #48-5349 | #49-5695 | #50-5716  |
| #51-5255                    | #52-5581 | #53-5588 | #54-5396 | #55-5336 | #56-5269 | #57-5615 | #58-5704 | #59-5264 | #60-5464  |
| #61-5256                    | #62-5507 | #63-5435 | #64-5280 | #65-5392 | #66-5406 | #67-5513 | #68-5700 | #69-5262 | #70-5328  |
| #71-5335                    | #72-5341 | #73-5315 | #74-5605 | #75-5606 | #76-5444 | #77-5555 | #78-5653 | #79-5683 | #80-5400  |
| #81-5573                    | #82-5430 | #83-5316 | #84-5589 | #85-5649 | #86-5526 | #87-5494 | #88-5645 | #89-5416 | #90-5437  |
| #91-5690                    | #92-5337 | #93-5486 | #94-5552 | #95-5724 | #96-5405 | #97-5626 | #98-5427 | #99-5530 | #100-5564 |

| Type 6 #6 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5601                    | #02-5643 | #03-5338 | #04-5617 | #05-5633 | #06-5644 | #07-5517 | #08-5710 | #09-5514 | #10-5614  |
| #11-5438                    | #12-5685 | #13-5270 | #14-5587 | #15-5616 | #16-5544 | #17-5444 | #18-5571 | #19-5350 | #20-5582  |
| #21-5629                    | #22-5588 | #23-5527 | #24-5541 | #25-5359 | #26-5723 | #27-5565 | #28-5476 | #29-5600 | #30-5441  |
| #31-5537                    | #32-5369 | #33-5367 | #34-5364 | #35-5512 | #36-5658 | #37-5336 | #38-5414 | #39-5679 | #40-5257  |
| #41-5259                    | #42-5505 | #43-5378 | #44-5518 | #45-5721 | #46-5252 | #47-5311 | #48-5622 | #49-5659 | #50-5420  |
| #51-5682                    | #52-5297 | #53-5324 | #54-5670 | #55-5657 | #56-5261 | #57-5357 | #58-5507 | #59-5497 | #60-5634  |
| #61-5319                    | #62-5285 | #63-5355 | #64-5318 | #65-5322 | #66-5316 | #67-5560 | #68-5625 | #69-5323 | #70-5690  |
| #71-5454                    | #72-5278 | #73-5620 | #74-5347 | #75-5573 | #76-5373 | #77-5461 | #78-5262 | #79-5548 | #80-5363  |
| #81-5662                    | #82-5676 | #83-5547 | #84-5428 | #85-5486 | #86-5491 | #87-5295 | #88-5425 | #89-5434 | #90-5508  |
| #91-5545                    | #92-5552 | #93-5640 | #94-5292 | #95-5665 | #96-5701 | #97-5406 | #98-5309 | #99-5451 | #100-5653 |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

| Type 6 #7 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5414                    | #02-5411 | #03-5551 | #04-5695 | #05-5692 | #06-5653 | #07-5398 | #08-5707 | #09-5341 | #10-5540  |
| #11-5519                    | #12-5348 | #13-5687 | #14-5395 | #15-5700 | #16-5369 | #17-5459 | #18-5648 | #19-5552 | #20-5547  |
| #21-5271                    | #22-5386 | #23-5442 | #24-5532 | #25-5389 | #26-5627 | #27-5360 | #28-5580 | #29-5407 | #30-5602  |
| #31-5682                    | #32-5401 | #33-5529 | #34-5620 | #35-5667 | #36-5495 | #37-5368 | #38-5578 | #39-5458 | #40-5561  |
| #41-5339                    | #42-5309 | #43-5326 | #44-5616 | #45-5716 | #46-5446 | #47-5587 | #48-5488 | #49-5312 | #50-5537  |
| #51-5486                    | #52-5477 | #53-5479 | #54-5626 | #55-5632 | #56-5273 | #57-5693 | #58-5264 | #59-5554 | #60-5310  |
| #61-5536                    | #62-5543 | #63-5548 | #64-5461 | #65-5583 | #66-5364 | #67-5538 | #68-5313 | #69-5448 | #70-5447  |
| #71-5723                    | #72-5604 | #73-5435 | #74-5715 | #75-5449 | #76-5679 | #77-5300 | #78-5549 | #79-5539 | #80-5666  |
| #81-5287                    | #82-5597 | #83-5506 | #84-5592 | #85-5356 | #86-5450 | #87-5644 | #88-5631 | #89-5714 | #90-5642  |
| #91-5518                    | #92-5349 | #93-5274 | #94-5388 | #95-5267 | #96-5517 | #97-5482 | #98-5590 | #99-5283 | #100-5595 |

| Type 6 #8 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5629                    | #02-5520 | #03-5288 | #04-5590 | #05-5542 | #06-5610 | #07-5287 | #08-5488 | #09-5423 | #10-5674  |
| #11-5695                    | #12-5392 | #13-5446 | #14-5609 | #15-5272 | #16-5667 | #17-5282 | #18-5682 | #19-5352 | #20-5376  |
| #21-5449                    | #22-5635 | #23-5326 | #24-5532 | #25-5647 | #26-5614 | #27-5574 | #28-5296 | #29-5697 | #30-5651  |
| #31-5441                    | #32-5437 | #33-5511 | #34-5672 | #35-5290 | #36-5493 | #37-5556 | #38-5645 | #39-5301 | #40-5475  |
| #41-5414                    | #42-5402 | #43-5456 | #44-5293 | #45-5676 | #46-5384 | #47-5632 | #48-5389 | #49-5370 | #50-5328  |
| #51-5495                    | #52-5531 | #53-5489 | #54-5633 | #55-5395 | #56-5719 | #57-5443 | #58-5479 | #59-5666 | #60-5650  |
| #61-5279                    | #62-5718 | #63-5518 | #64-5497 | #65-5476 | #66-5505 | #67-5599 | #68-5498 | #69-5568 | #70-5502  |
| #71-5355                    | #72-5356 | #73-5630 | #74-5595 | #75-5686 | #76-5294 | #77-5424 | #78-5280 | #79-5581 | #80-5512  |
| #81-5707                    | #82-5430 | #83-5644 | #84-5613 | #85-5401 | #86-5634 | #87-5675 | #88-5598 | #89-5524 | #90-5295  |
| #91-5302                    | #92-5327 | #93-5705 | #94-5367 | #95-5439 | #96-5418 | #97-5604 | #98-5685 | #99-5535 | #100-5412 |

| Type 6 #9 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5507                    | #02-5385 | #03-5546 | #04-5596 | #05-5693 | #06-5381 | #07-5623 | #08-5615 | #09-5675 | #10-5349  |
| #11-5538                    | #12-5409 | #13-5620 | #14-5404 | #15-5669 | #16-5569 | #17-5318 | #18-5627 | #19-5337 | #20-5564  |
| #21-5552                    | #22-5723 | #23-5697 | #24-5519 | #25-5449 | #26-5279 | #27-5377 | #28-5505 | #29-5402 | #30-5506  |
| #31-5408                    | #32-5467 | #33-5470 | #34-5414 | #35-5254 | #36-5572 | #37-5614 | #38-5299 | #39-5650 | #40-5273  |
| #41-5263                    | #42-5308 | #43-5656 | #44-5426 | #45-5479 | #46-5613 | #47-5433 | #48-5548 | #49-5427 | #50-5597  |
| #51-5350                    | #52-5708 | #53-5593 | #54-5695 | #55-5586 | #56-5504 | #57-5411 | #58-5270 | #59-5389 | #60-5663  |
| #61-5252                    | #62-5360 | #63-5460 | #64-5416 | #65-5667 | #66-5320 | #67-5662 | #68-5456 | #69-5397 | #70-5345  |
| #71-5683                    | #72-5269 | #73-5704 | #74-5313 | #75-5553 | #76-5495 | #77-5317 | #78-5522 | #79-5294 | #80-5562  |
| #81-5574                    | #82-5556 | #83-5332 | #84-5530 | #85-5406 | #86-5430 | #87-5602 | #88-5500 | #89-5549 | #90-5471  |
| #91-5403                    | #92-5598 | #93-5637 | #94-5713 | #95-5272 | #96-5629 | #97-5573 | #98-5486 | #99-5481 | #100-5405 |

| Type 6 #10 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5677                     | #02-5701 | #03-5397 | #04-5327 | #05-5639 | #06-5333 | #07-5254 | #08-5529 | #09-5391 | #10-5343  |
| #11-5442                     | #12-5616 | #13-5700 | #14-5555 | #15-5340 | #16-5422 | #17-5280 | #18-5653 | #19-5258 | #20-5490  |
| #21-5449                     | #22-5412 | #23-5630 | #24-5656 | #25-5666 | #26-5338 | #27-5363 | #28-5716 | #29-5293 | #30-5650  |
| #31-5645                     | #32-5551 | #33-5288 | #34-5606 | #35-5604 | #36-5591 | #37-5409 | #38-5255 | #39-5613 | #40-5324  |
| #41-5426                     | #42-5319 | #43-5365 | #44-5462 | #45-5281 | #46-5516 | #47-5617 | #48-5329 | #49-5620 | #50-5573  |
| #51-5592                     | #52-5643 | #53-5481 | #54-5720 | #55-5688 | #56-5514 | #57-5320 | #58-5468 | #59-5387 | #60-5549  |
| #61-5696                     | #62-5264 | #63-5487 | #64-5463 | #65-5419 | #66-5608 | #67-5574 | #68-5344 | #69-5671 | #70-5470  |
| #71-5263                     | #72-5276 | #73-5290 | #74-5660 | #75-5316 | #76-5380 | #77-5301 | #78-5428 | #79-5625 | #80-5404  |
| #81-5448                     | #82-5285 | #83-5352 | #84-5447 | #85-5310 | #86-5256 | #87-5330 | #88-5298 | #89-5648 | #90-5354  |
| #91-5530                     | #92-5669 | #93-5589 | #94-5318 | #95-5364 | #96-5418 | #97-5559 | #98-5624 | #99-5294 | #100-5402 |

| Type 6 #11 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5662                     | #02-5526 | #03-5380 | #04-5402 | #05-5564 | #06-5570 | #07-5606 | #08-5545 | #09-5653 | #10-5559  |
| #11-5466                     | #12-5623 | #13-5565 | #14-5711 | #15-5354 | #16-5663 | #17-5641 | #18-5293 | #19-5401 | #20-5411  |
| #21-5535                     | #22-5529 | #23-5416 | #24-5578 | #25-5670 | #26-5318 | #27-5404 | #28-5699 | #29-5552 | #30-5630  |
| #31-5539                     | #32-5393 | #33-5377 | #34-5478 | #35-5458 | #36-5642 | #37-5625 | #38-5669 | #39-5599 | #40-5456  |
| #41-5367                     | #42-5494 | #43-5358 | #44-5330 | #45-5596 | #46-5626 | #47-5343 | #48-5605 | #49-5683 | #50-5410  |
| #51-5485                     | #52-5505 | #53-5463 | #54-5598 | #55-5575 | #56-5370 | #57-5350 | #58-5520 | #59-5451 | #60-5487  |
| #61-5407                     | #62-5633 | #63-5717 | #64-5268 | #65-5264 | #66-5313 | #67-5484 | #68-5326 | #69-5495 | #70-5435  |
| #71-5282                     | #72-5702 | #73-5415 | #74-5671 | #75-5285 | #76-5286 | #77-5418 | #78-5327 | #79-5706 | #80-5289  |
| #81-5695                     | #82-5521 | #83-5265 | #84-5387 | #85-5386 | #86-5280 | #87-5655 | #88-5506 | #89-5629 | #90-5333  |
| #91-5532                     | #92-5346 | #93-5457 | #94-5357 | #95-5298 | #96-5469 | #97-5510 | #98-5340 | #99-5316 | #100-5531 |

| Type 6 #12 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5386                     | #02-5267 | #03-5360 | #04-5491 | #05-5379 | #06-5518 | #07-5343 | #08-5529 | #09-5566 | #10-5542  |
| #11-5685                     | #12-5277 | #13-5549 | #14-5418 | #15-5523 | #16-5617 | #17-5615 | #18-5576 | #19-5607 | #20-5709  |
| #21-5389                     | #22-5708 | #23-5428 | #24-5411 | #25-5633 | #26-5661 | #27-5488 | #28-5306 | #29-5619 | #30-5544  |
| #31-5501                     | #32-5322 | #33-5261 | #34-5426 | #35-5631 | #36-5678 | #37-5412 | #38-5500 | #39-5262 | #40-5598  |
| #41-5665                     | #42-5375 | #43-5668 | #44-5337 | #45-5373 | #46-5505 | #47-5526 | #48-5292 | #49-5562 | #50-5407  |
| #51-5580                     | #52-5659 | #53-5460 | #54-5333 | #55-5388 | #56-5402 | #57-5564 | #58-5674 | #59-5584 | #60-5442  |
| #61-5274                     | #62-5286 | #63-5636 | #64-5269 | #65-5287 | #66-5610 | #67-5264 | #68-5369 | #69-5511 | #70-5570  |
| #71-5452                     | #72-5359 | #73-5561 | #74-5255 | #75-5298 | #76-5260 | #77-5296 | #78-5342 | #79-5291 | #80-5381  |
| #81-5392                     | #82-5456 | #83-5475 | #84-5465 | #85-5694 | #86-5575 | #87-5592 | #88-5654 | #89-5293 | #90-5480  |
| #91-5367                     | #92-5471 | #93-5648 | #94-5548 | #95-5581 | #96-5634 | #97-5472 | #98-5653 | #99-5310 | #100-5494 |

| Type 6 #13 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5492                     | #02-5406 | #03-5505 | #04-5718 | #05-5682 | #06-5467 | #07-5346 | #08-5456 | #09-5291 | #10-5377  |
| #11-5361                     | #12-5476 | #13-5635 | #14-5458 | #15-5307 | #16-5553 | #17-5542 | #18-5424 | #19-5301 | #20-5441  |
| #21-5272                     | #22-5338 | #23-5333 | #24-5284 | #25-5457 | #26-5708 | #27-5444 | #28-5265 | #29-5409 | #30-5393  |
| #31-5523                     | #32-5369 | #33-5285 | #34-5528 | #35-5612 | #36-5701 | #37-5669 | #38-5483 | #39-5507 | #40-5478  |
| #41-5477                     | #42-5381 | #43-5613 | #44-5637 | #45-5364 | #46-5618 | #47-5562 | #48-5436 | #49-5493 | #50-5273  |
| #51-5337                     | #52-5296 | #53-5600 | #54-5592 | #55-5472 | #56-5404 | #57-5324 | #58-5475 | #59-5522 | #60-5699  |
| #61-5276                     | #62-5331 | #63-5303 | #64-5630 | #65-5591 | #66-5721 | #67-5442 | #68-5367 | #69-5581 | #70-5332  |
| #71-5610                     | #72-5314 | #73-5653 | #74-5561 | #75-5693 | #76-5623 | #77-5455 | #78-5425 | #79-5650 | #80-5568  |
| #81-5403                     | #82-5255 | #83-5513 | #84-5384 | #85-5304 | #86-5480 | #87-5504 | #88-5422 | #89-5302 | #90-5460  |
| #91-5634                     | #92-5452 | #93-5689 | #94-5536 | #95-5447 | #96-5391 | #97-5328 | #98-5710 | #99-5294 | #100-5372 |

| Type 6 #14 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5425                     | #02-5442 | #03-5585 | #04-5403 | #05-5391 | #06-5275 | #07-5371 | #08-5291 | #09-5621 | #10-5575  |
| #11-5675                     | #12-5626 | #13-5547 | #14-5676 | #15-5544 | #16-5269 | #17-5550 | #18-5644 | #19-5571 | #20-5365  |
| #21-5474                     | #22-5268 | #23-5313 | #24-5372 | #25-5431 | #26-5408 | #27-5348 | #28-5374 | #29-5359 | #30-5555  |
| #31-5539                     | #32-5473 | #33-5380 | #34-5528 | #35-5390 | #36-5688 | #37-5399 | #38-5349 | #39-5714 | #40-5278  |
| #41-5346                     | #42-5460 | #43-5529 | #44-5457 | #45-5507 | #46-5252 | #47-5631 | #48-5263 | #49-5705 | #50-5430  |
| #51-5570                     | #52-5414 | #53-5388 | #54-5657 | #55-5620 | #56-5411 | #57-5379 | #58-5469 | #59-5701 | #60-5711  |
| #61-5653                     | #62-5724 | #63-5655 | #64-5315 | #65-5286 | #66-5459 | #67-5500 | #68-5271 | #69-5538 | #70-5589  |
| #71-5601                     | #72-5452 | #73-5656 | #74-5546 | #75-5267 | #76-5272 | #77-5472 | #78-5588 | #79-5596 | #80-5428  |
| #81-5508                     | #82-5333 | #83-5394 | #84-5663 | #85-5712 | #86-5381 | #87-5332 | #88-5451 | #89-5635 | #90-5706  |
| #91-5559                     | #92-5660 | #93-5373 | #94-5253 | #95-5347 | #96-5344 | #97-5524 | #98-5466 | #99-5422 | #100-5301 |

| Type 6 #15 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5480                     | #02-5606 | #03-5451 | #04-5368 | #05-5551 | #06-5365 | #07-5479 | #08-5567 | #09-5638 | #10-5599  |
| #11-5665                     | #12-5517 | #13-5595 | #14-5522 | #15-5452 | #16-5565 | #17-5582 | #18-5721 | #19-5325 | #20-5630  |
| #21-5366                     | #22-5297 | #23-5358 | #24-5550 | #25-5277 | #26-5667 | #27-5321 | #28-5653 | #29-5441 | #30-5645  |
| #31-5467                     | #32-5255 | #33-5415 | #34-5539 | #35-5673 | #36-5623 | #37-5608 | #38-5271 | #39-5355 | #40-5593  |
| #41-5625                     | #42-5490 | #43-5531 | #44-5284 | #45-5293 | #46-5288 | #47-5313 | #48-5575 | #49-5518 | #50-5505  |
| #51-5487                     | #52-5526 | #53-5383 | #54-5509 | #55-5659 | #56-5427 | #57-5491 | #58-5626 | #59-5339 | #60-5612  |
| #61-5292                     | #62-5553 | #63-5372 | #64-5717 | #65-5378 | #66-5661 | #67-5349 | #68-5304 | #69-5578 | #70-5555  |
| #71-5687                     | #72-5558 | #73-5614 | #74-5450 | #75-5253 | #76-5601 | #77-5481 | #78-5327 | #79-5504 | #80-5715  |
| #81-5603                     | #82-5464 | #83-5380 | #84-5666 | #85-5401 | #86-5672 | #87-5596 | #88-5632 | #89-5611 | #90-5477  |
| #91-5377                     | #92-5709 | #93-5658 | #94-5462 | #95-5545 | #96-5319 | #97-5369 | #98-5537 | #99-5635 | #100-5354 |

| Type 6 #16 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5661                     | #02-5258 | #03-5722 | #04-5689 | #05-5549 | #06-5653 | #07-5637 | #08-5647 | #09-5506 | #10-5304  |
| #11-5667                     | #12-5415 | #13-5362 | #14-5349 | #15-5256 | #16-5543 | #17-5423 | #18-5435 | #19-5562 | #20-5434  |
| #21-5309                     | #22-5448 | #23-5417 | #24-5339 | #25-5427 | #26-5698 | #27-5625 | #28-5388 | #29-5626 | #30-5655  |
| #31-5479                     | #32-5669 | #33-5418 | #34-5396 | #35-5302 | #36-5592 | #37-5475 | #38-5411 | #39-5358 | #40-5474  |
| #41-5276                     | #42-5674 | #43-5369 | #44-5556 | #45-5544 | #46-5687 | #47-5594 | #48-5555 | #49-5465 | #50-5257  |
| #51-5620                     | #52-5660 | #53-5707 | #54-5446 | #55-5300 | #56-5464 | #57-5565 | #58-5629 | #59-5512 | #60-5575  |
| #61-5278                     | #62-5499 | #63-5272 | #64-5577 | #65-5546 | #66-5250 | #67-5723 | #68-5690 | #69-5296 | #70-5384  |
| #71-5323                     | #72-5261 | #73-5328 | #74-5342 | #75-5407 | #76-5363 | #77-5330 | #78-5586 | #79-5520 | #80-5467  |
| #81-5354                     | #82-5322 | #83-5648 | #84-5618 | #85-5284 | #86-5539 | #87-5688 | #88-5699 | #89-5348 | #90-5566  |
| #91-5282                     | #92-5568 | #93-5622 | #94-5507 | #95-5447 | #96-5500 | #97-5649 | #98-5516 | #99-5255 | #100-5541 |

| Type 6 #17 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5689                     | #02-5629 | #03-5510 | #04-5328 | #05-5660 | #06-5613 | #07-5584 | #08-5614 | #09-5287 | #10-5665  |
| #11-5385                     | #12-5704 | #13-5361 | #14-5299 | #15-5472 | #16-5681 | #17-5572 | #18-5376 | #19-5542 | #20-5257  |
| #21-5286                     | #22-5274 | #23-5591 | #24-5454 | #25-5358 | #26-5479 | #27-5360 | #28-5541 | #29-5620 | #30-5632  |
| #31-5435                     | #32-5533 | #33-5578 | #34-5701 | #35-5497 | #36-5444 | #37-5531 | #38-5567 | #39-5685 | #40-5391  |
| #41-5679                     | #42-5320 | #43-5657 | #44-5404 | #45-5426 | #46-5301 | #47-5453 | #48-5573 | #49-5281 | #50-5486  |
| #51-5648                     | #52-5520 | #53-5696 | #54-5723 | #55-5503 | #56-5662 | #57-5288 | #58-5307 | #59-5695 | #60-5427  |
| #61-5501                     | #62-5293 | #63-5720 | #64-5380 | #65-5475 | #66-5570 | #67-5371 | #68-5386 | #69-5522 | #70-5275  |
| #71-5397                     | #72-5255 | #73-5416 | #74-5405 | #75-5305 | #76-5690 | #77-5341 | #78-5438 | #79-5273 | #80-5311  |
| #81-5272                     | #82-5512 | #83-5511 | #84-5383 | #85-5708 | #86-5636 | #87-5564 | #88-5583 | #89-5445 | #90-5559  |
| #91-5411                     | #92-5478 | #93-5600 | #94-5504 | #95-5610 | #96-5637 | #97-5327 | #98-5528 | #99-5650 | #100-5579 |

| Type 6 #18 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5652                     | #02-5318 | #03-5300 | #04-5255 | #05-5343 | #06-5642 | #07-5359 | #08-5542 | #09-5671 | #10-5541  |
| #11-5573                     | #12-5575 | #13-5281 | #14-5638 | #15-5408 | #16-5721 | #17-5506 | #18-5588 | #19-5399 | #20-5565  |
| #21-5260                     | #22-5514 | #23-5669 | #24-5689 | #25-5592 | #26-5641 | #27-5381 | #28-5634 | #29-5513 | #30-5389  |
| #31-5612                     | #32-5532 | #33-5504 | #34-5420 | #35-5377 | #36-5682 | #37-5455 | #38-5498 | #39-5290 | #40-5314  |
| #41-5527                     | #42-5273 | #43-5633 | #44-5624 | #45-5712 | #46-5555 | #47-5444 | #48-5685 | #49-5346 | #50-5611  |
| #51-5376                     | #52-5459 | #53-5375 | #54-5332 | #55-5566 | #56-5386 | #57-5372 | #58-5335 | #59-5390 | #60-5425  |
| #61-5508                     | #62-5445 | #63-5272 | #64-5530 | #65-5655 | #66-5286 | #67-5313 | #68-5584 | #69-5507 | #70-5451  |
| #71-5511                     | #72-5253 | #73-5549 | #74-5334 | #75-5288 | #76-5711 | #77-5606 | #78-5294 | #79-5702 | #80-5284  |
| #81-5448                     | #82-5424 | #83-5543 | #84-5628 | #85-5262 | #86-5405 | #87-5413 | #88-5431 | #89-5581 | #90-5718  |
| #91-5557                     | #92-5369 | #93-5366 | #94-5596 | #95-5528 | #96-5337 | #97-5250 | #98-5356 | #99-5699 | #100-5677 |

| Type 6 #19 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5494                     | #02-5588 | #03-5423 | #04-5622 | #05-5351 | #06-5374 | #07-5640 | #08-5294 | #09-5297 | #10-5582  |
| #11-5506                     | #12-5332 | #13-5362 | #14-5354 | #15-5702 | #16-5338 | #17-5630 | #18-5373 | #19-5521 | #20-5502  |
| #21-5603                     | #22-5613 | #23-5255 | #24-5517 | #25-5621 | #26-5394 | #27-5612 | #28-5682 | #29-5530 | #30-5676  |
| #31-5711                     | #32-5497 | #33-5317 | #34-5274 | #35-5513 | #36-5580 | #37-5722 | #38-5645 | #39-5523 | #40-5608  |
| #41-5480                     | #42-5364 | #43-5381 | #44-5720 | #45-5458 | #46-5468 | #47-5260 | #48-5264 | #49-5615 | #50-5439  |
| #51-5430                     | #52-5601 | #53-5557 | #54-5445 | #55-5322 | #56-5605 | #57-5578 | #58-5635 | #59-5250 | #60-5686  |
| #61-5483                     | #62-5684 | #63-5485 | #64-5344 | #65-5592 | #66-5256 | #67-5267 | #68-5335 | #69-5560 | #70-5370  |
| #71-5341                     | #72-5709 | #73-5567 | #74-5636 | #75-5268 | #76-5484 | #77-5477 | #78-5262 | #79-5306 | #80-5401  |
| #81-5386                     | #82-5596 | #83-5315 | #84-5342 | #85-5495 | #86-5360 | #87-5667 | #88-5594 | #89-5677 | #90-5634  |
| #91-5724                     | #92-5340 | #93-5646 | #94-5558 | #95-5379 | #96-5527 | #97-5595 | #98-5285 | #99-5380 | #100-5455 |

| Type 6 #20 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5458                     | #02-5649 | #03-5424 | #04-5497 | #05-5349 | #06-5446 | #07-5282 | #08-5652 | #09-5432 | #10-5562  |
| #11-5373                     | #12-5574 | #13-5580 | #14-5579 | #15-5553 | #16-5615 | #17-5621 | #18-5398 | #19-5576 | #20-5488  |
| #21-5312                     | #22-5390 | #23-5382 | #24-5659 | #25-5366 | #26-5250 | #27-5316 | #28-5257 | #29-5511 | #30-5464  |
| #31-5617                     | #32-5450 | #33-5612 | #34-5571 | #35-5668 | #36-5456 | #37-5420 | #38-5542 | #39-5714 | #40-5297  |
| #41-5322                     | #42-5265 | #43-5413 | #44-5363 | #45-5510 | #46-5402 | #47-5489 | #48-5314 | #49-5260 | #50-5490  |
| #51-5637                     | #52-5449 | #53-5433 | #54-5611 | #55-5392 | #56-5317 | #57-5521 | #58-5499 | #59-5376 | #60-5348  |
| #61-5379                     | #62-5276 | #63-5395 | #64-5698 | #65-5677 | #66-5655 | #67-5690 | #68-5256 | #69-5642 | #70-5347  |
| #71-5444                     | #72-5328 | #73-5416 | #74-5534 | #75-5422 | #76-5299 | #77-5706 | #78-5270 | #79-5403 | #80-5695  |
| #81-5498                     | #82-5253 | #83-5723 | #84-5277 | #85-5559 | #86-5423 | #87-5271 | #88-5252 | #89-5438 | #90-5603  |
| #91-5670                     | #92-5657 | #93-5421 | #94-5618 | #95-5646 | #96-5301 | #97-5599 | #98-5453 | #99-5426 | #100-5588 |

| Type 6 #21 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5439                     | #02-5479 | #03-5399 | #04-5636 | #05-5294 | #06-5557 | #07-5285 | #08-5628 | #09-5442 | #10-5343  |
| #11-5336                     | #12-5498 | #13-5348 | #14-5411 | #15-5587 | #16-5376 | #17-5277 | #18-5369 | #19-5394 | #20-5510  |
| #21-5635                     | #22-5687 | #23-5555 | #24-5290 | #25-5410 | #26-5516 | #27-5639 | #28-5526 | #29-5610 | #30-5371  |
| #31-5429                     | #32-5514 | #33-5578 | #34-5541 | #35-5504 | #36-5259 | #37-5581 | #38-5335 | #39-5706 | #40-5722  |
| #41-5381                     | #42-5363 | #43-5537 | #44-5332 | #45-5513 | #46-5422 | #47-5562 | #48-5255 | #49-5279 | #50-5523  |
| #51-5268                     | #52-5482 | #53-5303 | #54-5644 | #55-5678 | #56-5478 | #57-5656 | #58-5360 | #59-5480 | #60-5509  |
| #61-5650                     | #62-5488 | #63-5269 | #64-5321 | #65-5647 | #66-5554 | #67-5651 | #68-5536 | #69-5632 | #70-5579  |
| #71-5525                     | #72-5670 | #73-5389 | #74-5396 | #75-5375 | #76-5520 | #77-5403 | #78-5466 | #79-5502 | #80-5713  |
| #81-5683                     | #82-5630 | #83-5491 | #84-5338 | #85-5351 | #86-5674 | #87-5458 | #88-5666 | #89-5592 | #90-5274  |
| #91-5329                     | #92-5465 | #93-5589 | #94-5446 | #95-5323 | #96-5619 | #97-5345 | #98-5462 | #99-5419 | #100-5692 |

| Type 6 #22 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5498                     | #02-5274 | #03-5351 | #04-5430 | #05-5721 | #06-5327 | #07-5343 | #08-5631 | #09-5513 | #10-5409  |
| #11-5326                     | #12-5436 | #13-5583 | #14-5491 | #15-5554 | #16-5265 | #17-5717 | #18-5654 | #19-5692 | #20-5695  |
| #21-5339                     | #22-5706 | #23-5667 | #24-5602 | #25-5488 | #26-5303 | #27-5331 | #28-5663 | #29-5317 | #30-5481  |
| #31-5422                     | #32-5658 | #33-5298 | #34-5540 | #35-5463 | #36-5651 | #37-5528 | #38-5313 | #39-5346 | #40-5273  |
| #41-5577                     | #42-5555 | #43-5401 | #44-5431 | #45-5672 | #46-5622 | #47-5609 | #48-5348 | #49-5616 | #50-5309  |
| #51-5623                     | #52-5416 | #53-5495 | #54-5447 | #55-5596 | #56-5516 | #57-5330 | #58-5470 | #59-5664 | #60-5666  |
| #61-5722                     | #62-5399 | #63-5561 | #64-5278 | #65-5709 | #66-5389 | #67-5382 | #68-5288 | #69-5275 | #70-5619  |
| #71-5461                     | #72-5649 | #73-5558 | #74-5669 | #75-5370 | #76-5507 | #77-5552 | #78-5487 | #79-5652 | #80-5586  |
| #81-5417                     | #82-5710 | #83-5294 | #84-5255 | #85-5579 | #86-5254 | #87-5414 | #88-5574 | #89-5665 | #90-5675  |
| #91-5569                     | #92-5308 | #93-5376 | #94-5400 | #95-5279 | #96-5428 | #97-5715 | #98-5372 | #99-5445 | #100-5530 |

| Type 6 #23 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5491                     | #02-5570 | #03-5318 | #04-5721 | #05-5574 | #06-5694 | #07-5580 | #08-5549 | #09-5327 | #10-5340  |
| #11-5682                     | #12-5562 | #13-5535 | #14-5322 | #15-5495 | #16-5259 | #17-5356 | #18-5554 | #19-5421 | #20-5704  |
| #21-5699                     | #22-5526 | #23-5349 | #24-5326 | #25-5296 | #26-5404 | #27-5527 | #28-5410 | #29-5640 | #30-5665  |
| #31-5513                     | #32-5436 | #33-5294 | #34-5375 | #35-5350 | #36-5576 | #37-5642 | #38-5299 | #39-5409 | #40-5613  |
| #41-5400                     | #42-5591 | #43-5500 | #44-5579 | #45-5714 | #46-5260 | #47-5490 | #48-5302 | #49-5629 | #50-5267  |
| #51-5323                     | #52-5415 | #53-5673 | #54-5463 | #55-5556 | #56-5686 | #57-5470 | #58-5716 | #59-5670 | #60-5422  |
| #61-5417                     | #62-5423 | #63-5634 | #64-5384 | #65-5545 | #66-5496 | #67-5516 | #68-5413 | #69-5698 | #70-5648  |
| #71-5341                     | #72-5301 | #73-5395 | #74-5533 | #75-5553 | #76-5361 | #77-5276 | #78-5494 | #79-5337 | #80-5285  |
| #81-5633                     | #82-5475 | #83-5506 | #84-5623 | #85-5598 | #86-5357 | #87-5484 | #88-5561 | #89-5542 | #90-5385  |
| #91-5352                     | #92-5653 | #93-5354 | #94-5711 | #95-5447 | #96-5703 | #97-5676 | #98-5367 | #99-5277 | #100-5465 |

| Type 6 #24 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5467                     | #02-5329 | #03-5327 | #04-5703 | #05-5649 | #06-5268 | #07-5263 | #08-5391 | #09-5633 | #10-5446  |
| #11-5659                     | #12-5700 | #13-5625 | #14-5632 | #15-5511 | #16-5665 | #17-5637 | #18-5262 | #19-5513 | #20-5441  |
| #21-5259                     | #22-5683 | #23-5592 | #24-5560 | #25-5545 | #26-5414 | #27-5675 | #28-5408 | #29-5339 | #30-5571  |
| #31-5406                     | #32-5634 | #33-5465 | #34-5591 | #35-5541 | #36-5550 | #37-5395 | #38-5524 | #39-5698 | #40-5574  |
| #41-5340                     | #42-5347 | #43-5648 | #44-5346 | #45-5450 | #46-5373 | #47-5274 | #48-5442 | #49-5451 | #50-5503  |
| #51-5313                     | #52-5666 | #53-5575 | #54-5558 | #55-5456 | #56-5505 | #57-5457 | #58-5487 | #59-5400 | #60-5483  |
| #61-5315                     | #62-5580 | #63-5299 | #64-5307 | #65-5286 | #66-5273 | #67-5484 | #68-5283 | #69-5342 | #70-5686  |
| #71-5519                     | #72-5364 | #73-5291 | #74-5664 | #75-5355 | #76-5638 | #77-5285 | #78-5500 | #79-5365 | #80-5425  |
| #81-5394                     | #82-5486 | #83-5688 | #84-5562 | #85-5514 | #86-5471 | #87-5311 | #88-5630 | #89-5389 | #90-5288  |
| #91-5350                     | #92-5636 | #93-5377 | #94-5469 | #95-5516 | #96-5493 | #97-5298 | #98-5596 | #99-5314 | #100-5432 |

| Type 6 #25 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5617                     | #02-5715 | #03-5353 | #04-5491 | #05-5712 | #06-5676 | #07-5624 | #08-5637 | #09-5457 | #10-5542  |
| #11-5471                     | #12-5682 | #13-5375 | #14-5704 | #15-5338 | #16-5558 | #17-5613 | #18-5464 | #19-5521 | #20-5539  |
| #21-5686                     | #22-5574 | #23-5614 | #24-5299 | #25-5583 | #26-5603 | #27-5713 | #28-5544 | #29-5398 | #30-5582  |
| #31-5585                     | #32-5413 | #33-5431 | #34-5654 | #35-5522 | #36-5394 | #37-5371 | #38-5436 | #39-5564 | #40-5550  |
| #41-5561                     | #42-5388 | #43-5414 | #44-5563 | #45-5529 | #46-5378 | #47-5497 | #48-5383 | #49-5363 | #50-5671  |
| #51-5593                     | #52-5547 | #53-5309 | #54-5484 | #55-5459 | #56-5285 | #57-5339 | #58-5296 | #59-5631 | #60-5348  |
| #61-5689                     | #62-5319 | #63-5479 | #64-5597 | #65-5679 | #66-5300 | #67-5489 | #68-5440 | #69-5420 | #70-5663  |
| #71-5427                     | #72-5419 | #73-5623 | #74-5694 | #75-5700 | #76-5533 | #77-5399 | #78-5293 | #79-5483 | #80-5445  |
| #81-5344                     | #82-5569 | #83-5422 | #84-5451 | #85-5718 | #86-5279 | #87-5345 | #88-5667 | #89-5434 | #90-5488  |
| #91-5298                     | #92-5320 | #93-5534 | #94-5461 | #95-5592 | #96-5490 | #97-5638 | #98-5545 | #99-5612 | #100-5476 |

| Type 6 #26 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5616                     | #02-5309 | #03-5691 | #04-5433 | #05-5489 | #06-5418 | #07-5655 | #08-5346 | #09-5517 | #10-5650  |
| #11-5606                     | #12-5295 | #13-5536 | #14-5428 | #15-5252 | #16-5368 | #17-5622 | #18-5278 | #19-5603 | #20-5645  |
| #21-5677                     | #22-5548 | #23-5257 | #24-5660 | #25-5605 | #26-5357 | #27-5610 | #28-5407 | #29-5351 | #30-5459  |
| #31-5629                     | #32-5580 | #33-5411 | #34-5258 | #35-5557 | #36-5293 | #37-5601 | #38-5720 | #39-5692 | #40-5543  |
| #41-5354                     | #42-5256 | #43-5403 | #44-5510 | #45-5607 | #46-5261 | #47-5511 | #48-5361 | #49-5462 | #50-5474  |
| #51-5591                     | #52-5608 | #53-5670 | #54-5695 | #55-5527 | #56-5317 | #57-5304 | #58-5284 | #59-5546 | #60-5384  |
| #61-5529                     | #62-5494 | #63-5721 | #64-5311 | #65-5273 | #66-5276 | #67-5611 | #68-5526 | #69-5589 | #70-5685  |
| #71-5483                     | #72-5630 | #73-5318 | #74-5312 | #75-5538 | #76-5671 | #77-5396 | #78-5465 | #79-5303 | #80-5596  |
| #81-5564                     | #82-5499 | #83-5674 | #84-5597 | #85-5583 | #86-5274 | #87-5642 | #88-5441 | #89-5447 | #90-5487  |
| #91-5715                     | #92-5568 | #93-5417 | #94-5553 | #95-5267 | #96-5577 | #97-5263 | #98-5348 | #99-5486 | #100-5581 |

| Type 6 #27 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5373                     | #02-5710 | #03-5490 | #04-5502 | #05-5711 | #06-5690 | #07-5544 | #08-5609 | #09-5400 | #10-5585  |
| #11-5644                     | #12-5557 | #13-5705 | #14-5670 | #15-5536 | #16-5277 | #17-5546 | #18-5366 | #19-5439 | #20-5723  |
| #21-5354                     | #22-5413 | #23-5326 | #24-5347 | #25-5691 | #26-5635 | #27-5454 | #28-5476 | #29-5289 | #30-5679  |
| #31-5655                     | #32-5297 | #33-5697 | #34-5437 | #35-5473 | #36-5578 | #37-5262 | #38-5418 | #39-5611 | #40-5619  |
| #41-5449                     | #42-5279 | #43-5292 | #44-5586 | #45-5568 | #46-5403 | #47-5589 | #48-5469 | #49-5265 | #50-5712  |
| #51-5283                     | #52-5613 | #53-5625 | #54-5491 | #55-5474 | #56-5680 | #57-5628 | #58-5385 | #59-5527 | #60-5321  |
| #61-5482                     | #62-5314 | #63-5564 | #64-5440 | #65-5649 | #66-5593 | #67-5577 | #68-5511 | #69-5441 | #70-5682  |
| #71-5264                     | #72-5375 | #73-5475 | #74-5540 | #75-5517 | #76-5327 | #77-5369 | #78-5459 | #79-5500 | #80-5533  |
| #81-5298                     | #82-5708 | #83-5457 | #84-5305 | #85-5648 | #86-5293 | #87-5392 | #88-5451 | #89-5686 | #90-5516  |
| #91-5672                     | #92-5597 | #93-5608 | #94-5538 | #95-5382 | #96-5381 | #97-5428 | #98-5569 | #99-5660 | #100-5699 |

| Type 6 #28 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5547                     | #02-5325 | #03-5275 | #04-5308 | #05-5696 | #06-5628 | #07-5388 | #08-5334 | #09-5697 | #10-5401  |
| #11-5560                     | #12-5418 | #13-5611 | #14-5720 | #15-5273 | #16-5499 | #17-5576 | #18-5514 | #19-5519 | #20-5607  |
| #21-5450                     | #22-5377 | #23-5552 | #24-5653 | #25-5257 | #26-5392 | #27-5490 | #28-5662 | #29-5408 | #30-5383  |
| #31-5617                     | #32-5526 | #33-5527 | #34-5525 | #35-5714 | #36-5695 | #37-5682 | #38-5404 | #39-5331 | #40-5270  |
| #41-5631                     | #42-5313 | #43-5481 | #44-5538 | #45-5683 | #46-5505 | #47-5711 | #48-5614 | #49-5513 | #50-5609  |
| #51-5533                     | #52-5644 | #53-5301 | #54-5303 | #55-5493 | #56-5417 | #57-5492 | #58-5347 | #59-5297 | #60-5555  |
| #61-5384                     | #62-5447 | #63-5649 | #64-5564 | #65-5503 | #66-5282 | #67-5613 | #68-5335 | #69-5254 | #70-5302  |
| #71-5541                     | #72-5422 | #73-5431 | #74-5494 | #75-5702 | #76-5385 | #77-5620 | #78-5263 | #79-5691 | #80-5469  |
| #81-5403                     | #82-5598 | #83-5391 | #84-5518 | #85-5575 | #86-5693 | #87-5468 | #88-5467 | #89-5277 | #90-5548  |
| #91-5445                     | #92-5588 | #93-5354 | #94-5501 | #95-5610 | #96-5429 | #97-5381 | #98-5648 | #99-5281 | #100-5654 |

| Type 6 #29 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5619                     | #02-5628 | #03-5610 | #04-5465 | #05-5322 | #06-5364 | #07-5463 | #08-5529 | #09-5327 | #10-5362  |
| #11-5525                     | #12-5485 | #13-5380 | #14-5552 | #15-5400 | #16-5512 | #17-5305 | #18-5381 | #19-5714 | #20-5540  |
| #21-5536                     | #22-5392 | #23-5304 | #24-5435 | #25-5581 | #26-5680 | #27-5312 | #28-5654 | #29-5614 | #30-5519  |
| #31-5723                     | #32-5697 | #33-5706 | #34-5289 | #35-5578 | #36-5498 | #37-5711 | #38-5650 | #39-5444 | #40-5456  |
| #41-5478                     | #42-5667 | #43-5393 | #44-5637 | #45-5268 | #46-5687 | #47-5452 | #48-5530 | #49-5350 | #50-5344  |
| #51-5372                     | #52-5258 | #53-5656 | #54-5467 | #55-5365 | #56-5477 | #57-5571 | #58-5425 | #59-5612 | #60-5367  |
| #61-5296                     | #62-5539 | #63-5641 | #64-5533 | #65-5360 | #66-5555 | #67-5501 | #68-5333 | #69-5695 | #70-5623  |
| #71-5521                     | #72-5379 | #73-5658 | #74-5500 | #75-5301 | #76-5590 | #77-5721 | #78-5394 | #79-5413 | #80-5609  |
| #81-5469                     | #82-5506 | #83-5550 | #84-5513 | #85-5391 | #86-5712 | #87-5285 | #88-5486 | #89-5649 | #90-5343  |
| #91-5655                     | #92-5535 | #93-5282 | #94-5323 | #95-5409 | #96-5670 | #97-5273 | #98-5587 | #99-5522 | #100-5438 |

| Type 6 #30 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5437                     | #02-5369 | #03-5560 | #04-5455 | #05-5548 | #06-5718 | #07-5325 | #08-5403 | #09-5411 | #10-5502  |
| #11-5482                     | #12-5427 | #13-5262 | #14-5250 | #15-5624 | #16-5519 | #17-5712 | #18-5375 | #19-5386 | #20-5376  |
| #21-5515                     | #22-5263 | #23-5414 | #24-5599 | #25-5693 | #26-5713 | #27-5342 | #28-5581 | #29-5341 | #30-5361  |
| #31-5566                     | #32-5385 | #33-5597 | #34-5696 | #35-5429 | #36-5350 | #37-5672 | #38-5340 | #39-5690 | #40-5405  |
| #41-5637                     | #42-5612 | #43-5324 | #44-5401 | #45-5593 | #46-5480 | #47-5525 | #48-5286 | #49-5435 | #50-5620  |
| #51-5679                     | #52-5627 | #53-5453 | #54-5397 | #55-5654 | #56-5426 | #57-5681 | #58-5687 | #59-5488 | #60-5557  |
| #61-5623                     | #62-5472 | #63-5306 | #64-5296 | #65-5660 | #66-5345 | #67-5556 | #68-5288 | #69-5547 | #70-5520  |
| #71-5569                     | #72-5618 | #73-5408 | #74-5708 | #75-5464 | #76-5626 | #77-5657 | #78-5260 | #79-5252 | #80-5466  |
| #81-5443                     | #82-5305 | #83-5396 | #84-5451 | #85-5407 | #86-5662 | #87-5656 | #88-5448 | #89-5291 | #90-5253  |
| #91-5391                     | #92-5709 | #93-5582 | #94-5380 | #95-5506 | #96-5418 | #97-5551 | #98-5279 | #99-5468 | #100-5499 |

Type 5 #1 5642 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 17              | 457615  | 63                    | 1441    | 0       | 631727  | 1090909                   |
| 2             | 2                | 17              | 570542  | 54                    | 1003    | 0       | 519256  | 1090909                   |
| 3             | 3                | 17              | 919193  | 95                    | 1128    | 1924    | 168379  | 1090909                   |
| 4             | 3                | 17              | 685536  | 56                    | 1753    | 1071    | 402381  | 1090909                   |
| 5             | 2                | 17              | 924862  | 73                    | 1446    | 0       | 164455  | 1090909                   |
| 6             | 3                | 17              | 510335  | 82                    | 1830    | 1989    | 576509  | 1090909                   |
| 7             | 2                | 17              | 937395  | 97                    | 1743    | 0       | 151577  | 1090909                   |
| 8             | 1                | 17              | 458238  | 72                    | 0       | 0       | 632599  | 1090909                   |
| 9             | 2                | 17              | 220256  | 68                    | 1093    | 0       | 869424  | 1090909                   |
| 10            | 2                | 17              | 516157  | 99                    | 1995    | 0       | 572559  | 1090909                   |
| 11            | 2                | 17              | 938421  | 59                    | 1639    | 0       | 150731  | 1090909                   |

Type 5 #2 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 10              | 909062  | 77                    | 1997    | 1419    | 10367   | 923076                    |
| 2             | 2                | 10              | 281503  | 69                    | 1846    | 0       | 639589  | 923076                    |
| 3             | 1                | 10              | 31040   | 85                    | 0       | 0       | 891951  | 923076                    |
| 4             | 2                | 10              | 655827  | 54                    | 1110    | 0       | 266031  | 923076                    |
| 5             | 2                | 10              | 265939  | 68                    | 1516    | 0       | 655485  | 923076                    |
| 6             | 3                | 10              | 3277    | 61                    | 1883    | 1471    | 916262  | 923076                    |
| 7             | 3                | 10              | 89086   | 71                    | 1058    | 1710    | 831009  | 923076                    |
| 8             | 3                | 10              | 575555  | 84                    | 1470    | 1557    | 344242  | 923076                    |
| 9             | 2                | 10              | 675264  | 56                    | 1941    | 0       | 245759  | 923076                    |
| 10            | 3                | 10              | 649895  | 81                    | 1763    | 1997    | 269178  | 923076                    |
| 11            | 3                | 10              | 530825  | 79                    | 1018    | 1552    | 389444  | 923076                    |
| 12            | 3                | 10              | 375737  | 76                    | 1918    | 1829    | 543364  | 923076                    |
| 13            | 3                | 10              | 119973  | 82                    | 1264    | 1199    | 800394  | 923076                    |

Type 5 #3 5493 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 5               | 352798  | 67                    | 0       | 0       | 353017  | 705882                    |
| 2             | 1                | 5               | 5260    | 93                    | 0       | 0       | 700529  | 705882                    |
| 3             | 3                | 5               | 383703  | 86                    | 1345    | 1121    | 319455  | 705882                    |
| 4             | 3                | 5               | 561142  | 54                    | 1714    | 1029    | 141835  | 705882                    |
| 5             | 2                | 5               | 329919  | 86                    | 1114    | 0       | 374677  | 705882                    |
| 6             | 2                | 5               | 169468  | 68                    | 1633    | 0       | 534645  | 705882                    |
| 7             | 2                | 5               | 168688  | 84                    | 1854    | 0       | 535172  | 705882                    |
| 8             | 3                | 5               | 403822  | 78                    | 1257    | 1472    | 299097  | 705882                    |
| 9             | 1                | 5               | 203955  | 84                    | 0       | 0       | 501843  | 705882                    |
| 10            | 1                | 5               | 221229  | 69                    | 0       | 0       | 484584  | 705882                    |
| 11            | 2                | 5               | 662054  | 60                    | 1124    | 0       | 42584   | 705882                    |
| 12            | 2                | 5               | 22431   | 80                    | 1233    | 0       | 682058  | 705882                    |
| 13            | 2                | 5               | 350222  | 75                    | 1622    | 0       | 353888  | 705882                    |
| 14            | 1                | 5               | 607971  | 84                    | 0       | 0       | 97827   | 705882                    |
| 15            | 1                | 5               | 323132  | 51                    | 0       | 0       | 382699  | 705882                    |
| 16            | 2                | 5               | 35838   | 81                    | 1222    | 0       | 668660  | 705882                    |
| 17            | 3                | 5               | 225726  | 51                    | 1325    | 1244    | 477434  | 705882                    |

Type 5 #4 5645 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 10              | 27069   | 78                    | 1870    | 0       | 602483  | 631578                    |
| 2             | 2                | 10              | 606644  | 98                    | 1556    | 0       | 23182   | 631578                    |
| 3             | 2                | 10              | 175624  | 94                    | 1523    | 0       | 454243  | 631578                    |
| 4             | 3                | 10              | 123264  | 88                    | 1567    | 1734    | 504749  | 631578                    |
| 5             | 2                | 10              | 116271  | 62                    | 1672    | 0       | 513511  | 631578                    |
| 6             | 3                | 10              | 223126  | 65                    | 1248    | 1462    | 405547  | 631578                    |
| 7             | 2                | 10              | 415021  | 76                    | 1657    | 0       | 214748  | 631578                    |
| 8             | 1                | 10              | 171321  | 76                    | 0       | 0       | 460181  | 631578                    |
| 9             | 3                | 10              | 454670  | 94                    | 1035    | 1409    | 174182  | 631578                    |
| 10            | 1                | 10              | 180060  | 52                    | 0       | 0       | 451466  | 631578                    |
| 11            | 3                | 10              | 197191  | 79                    | 1200    | 1136    | 431814  | 631578                    |
| 12            | 1                | 10              | 458606  | 76                    | 0       | 0       | 172896  | 631578                    |
| 13            | 2                | 10              | 164912  | 65                    | 1713    | 0       | 464823  | 631578                    |
| 14            | 2                | 10              | 104032  | 100                   | 1759    | 0       | 525587  | 631578                    |
| 15            | 2                | 10              | 203710  | 52                    | 1694    | 0       | 426070  | 631578                    |
| 16            | 2                | 10              | 292218  | 60                    | 1262    | 0       | 337978  | 631578                    |
| 17            | 2                | 10              | 546893  | 63                    | 1865    | 0       | 82694   | 631578                    |
| 18            | 3                | 10              | 289801  | 57                    | 1392    | 1549    | 338665  | 631578                    |
| 19            | 3                | 10              | 102240  | 83                    | 1316    | 1621    | 526152  | 631578                    |

Type 5 #5 5646 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 8               | 824696  | 89                    | 0       | 0       | 98291   | 923076                    |
| 2             | 3                | 8               | 241847  | 91                    | 1444    | 1112    | 678400  | 923076                    |
| 3             | 2                | 8               | 493860  | 54                    | 1391    | 0       | 427717  | 923076                    |
| 4             | 2                | 8               | 194284  | 75                    | 1370    | 0       | 727272  | 923076                    |
| 5             | 2                | 8               | 348855  | 85                    | 1806    | 0       | 572245  | 923076                    |
| 6             | 3                | 8               | 301734  | 88                    | 1502    | 1398    | 618178  | 923076                    |
| 7             | 3                | 8               | 54115   | 58                    | 1010    | 1647    | 866130  | 923076                    |
| 8             | 3                | 8               | 484400  | 70                    | 1578    | 1105    | 435783  | 923076                    |
| 9             | 2                | 8               | 112711  | 63                    | 1227    | 0       | 809012  | 923076                    |
| 10            | 2                | 8               | 113130  | 72                    | 1655    | 0       | 808147  | 923076                    |
| 11            | 1                | 8               | 888674  | 82                    | 0       | 0       | 34320   | 923076                    |
| 12            | 2                | 8               | 867817  | 76                    | 1933    | 0       | 53174   | 923076                    |
| 13            | 3                | 8               | 350435  | 91                    | 1935    | 1660    | 568773  | 923076                    |

Type 5 #6 5493 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 5               | 213174  | 78                    | 0       | 0       | 386748  | 600000                    |
| 2             | 1                | 5               | 382213  | 57                    | 0       | 0       | 217730  | 600000                    |
| 3             | 3                | 5               | 553990  | 99                    | 1460    | 1769    | 42484   | 600000                    |
| 4             | 2                | 5               | 217810  | 56                    | 1450    | 0       | 380628  | 600000                    |
| 5             | 2                | 5               | 423664  | 76                    | 1164    | 0       | 175020  | 600000                    |
| 6             | 2                | 5               | 195364  | 80                    | 1315    | 0       | 403161  | 600000                    |
| 7             | 2                | 5               | 58433   | 56                    | 1038    | 0       | 540417  | 600000                    |
| 8             | 1                | 5               | 364738  | 53                    | 0       | 0       | 235209  | 600000                    |
| 9             | 1                | 5               | 252875  | 68                    | 0       | 0       | 347057  | 600000                    |
| 10            | 1                | 5               | 99506   | 88                    | 0       | 0       | 500406  | 600000                    |
| 11            | 1                | 5               | 399778  | 100                   | 0       | 0       | 200122  | 600000                    |
| 12            | 3                | 5               | 563305  | 83                    | 1253    | 1513    | 33680   | 600000                    |
| 13            | 1                | 5               | 322906  | 74                    | 0       | 0       | 277020  | 600000                    |
| 14            | 3                | 5               | 252278  | 88                    | 1310    | 1371    | 344777  | 600000                    |
| 15            | 1                | 5               | 190041  | 76                    | 0       | 0       | 409883  | 600000                    |
| 16            | 3                | 5               | 60878   | 93                    | 1372    | 1000    | 536471  | 600000                    |
| 17            | 1                | 5               | 210705  | 80                    | 0       | 0       | 389215  | 600000                    |
| 18            | 2                | 5               | 497995  | 66                    | 1852    | 0       | 100021  | 600000                    |
| 19            | 2                | 5               | 121934  | 90                    | 1070    | 0       | 476816  | 600000                    |
| 20            | 3                | 5               | 354750  | 93                    | 1768    | 1738    | 241465  | 600000                    |

Type 5 #7 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 13              | 499243  | 84                    | 0       | 0       | 100673  | 600000                    |
| 2             | 1                | 13              | 241290  | 62                    | 0       | 0       | 358648  | 600000                    |
| 3             | 3                | 13              | 303595  | 81                    | 1126    | 1488    | 293548  | 600000                    |
| 4             | 3                | 13              | 68963   | 83                    | 1541    | 1367    | 527880  | 600000                    |
| 5             | 3                | 13              | 379166  | 79                    | 1464    | 1935    | 217198  | 600000                    |
| 6             | 2                | 13              | 406931  | 77                    | 1992    | 0       | 190923  | 600000                    |
| 7             | 2                | 13              | 101545  | 68                    | 1026    | 0       | 497293  | 600000                    |
| 8             | 3                | 13              | 115617  | 50                    | 1179    | 1532    | 481522  | 600000                    |
| 9             | 2                | 13              | 453448  | 61                    | 1736    | 0       | 144694  | 600000                    |
| 10            | 1                | 13              | 92388   | 85                    | 0       | 0       | 507527  | 600000                    |
| 11            | 2                | 13              | 374966  | 65                    | 1865    | 0       | 223039  | 600000                    |
| 12            | 1                | 13              | 393087  | 97                    | 0       | 0       | 206816  | 600000                    |
| 13            | 3                | 13              | 430694  | 93                    | 1410    | 1440    | 166177  | 600000                    |
| 14            | 1                | 13              | 435688  | 98                    | 0       | 0       | 164214  | 600000                    |
| 15            | 3                | 13              | 436814  | 77                    | 1188    | 1104    | 160663  | 600000                    |
| 16            | 1                | 13              | 478609  | 61                    | 0       | 0       | 121330  | 600000                    |
| 17            | 3                | 13              | 77831   | 73                    | 1831    | 1529    | 518590  | 600000                    |
| 18            | 1                | 13              | 300299  | 75                    | 0       | 0       | 299626  | 600000                    |
| 19            | 3                | 13              | 492662  | 93                    | 1247    | 1526    | 104286  | 600000                    |
| 20            | 3                | 13              | 479800  | 96                    | 1291    | 1016    | 117605  | 600000                    |

Type 5 #8 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 8               | 733551  | 94                    | 1406    | 0       | 264855  | 1000000                   |
| 2             | 3                | 8               | 189989  | 89                    | 1328    | 1028    | 807388  | 1000000                   |
| 3             | 3                | 8               | 772194  | 81                    | 1611    | 1534    | 224418  | 1000000                   |
| 4             | 3                | 8               | 944881  | 64                    | 1662    | 1354    | 51911   | 1000000                   |
| 5             | 1                | 8               | 634772  | 97                    | 0       | 0       | 365131  | 1000000                   |
| 6             | 1                | 8               | 923597  | 91                    | 0       | 0       | 76312   | 1000000                   |
| 7             | 2                | 8               | 543160  | 89                    | 1907    | 0       | 454755  | 1000000                   |
| 8             | 1                | 8               | 289654  | 99                    | 0       | 0       | 710247  | 1000000                   |
| 9             | 3                | 8               | 480127  | 71                    | 1795    | 1903    | 515962  | 1000000                   |
| 10            | 2                | 8               | 201749  | 78                    | 1267    | 0       | 796828  | 1000000                   |
| 11            | 2                | 8               | 820076  | 66                    | 1699    | 0       | 178093  | 1000000                   |
| 12            | 3                | 8               | 697563  | 55                    | 1045    | 1551    | 299676  | 1000000                   |

Type 5 #9 5643 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 16              | 1294417 | 100                   | 1790    | 0       | 203593  | 1500000                   |
| 2             | 1                | 16              | 1225380 | 96                    | 0       | 0       | 274524  | 1500000                   |
| 3             | 1                | 16              | 1170639 | 79                    | 0       | 0       | 329282  | 1500000                   |
| 4             | 1                | 16              | 981527  | 91                    | 0       | 0       | 518382  | 1500000                   |
| 5             | 1                | 16              | 94749   | 66                    | 0       | 0       | 1405185 | 1500000                   |
| 6             | 1                | 16              | 1380387 | 81                    | 0       | 0       | 119532  | 1500000                   |
| 7             | 2                | 16              | 933978  | 99                    | 1052    | 0       | 564772  | 1500000                   |
| 8             | 3                | 16              | 414040  | 58                    | 1440    | 1695    | 1082651 | 1500000                   |

Type 5 #10 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 19              | 392097  | 95                    | 0       | 0       | 274474  | 666666                    |
| 2             | 3                | 19              | 433427  | 62                    | 1890    | 1457    | 229706  | 666666                    |
| 3             | 1                | 19              | 187283  | 99                    | 0       | 0       | 479284  | 666666                    |
| 4             | 2                | 19              | 25309   | 91                    | 1890    | 0       | 639285  | 666666                    |
| 5             | 3                | 19              | 12607   | 51                    | 1193    | 1100    | 651613  | 666666                    |
| 6             | 1                | 19              | 61229   | 53                    | 0       | 0       | 605384  | 666666                    |
| 7             | 1                | 19              | 188787  | 78                    | 0       | 0       | 477801  | 666666                    |
| 8             | 1                | 19              | 298901  | 62                    | 0       | 0       | 367703  | 666666                    |
| 9             | 1                | 19              | 109069  | 91                    | 0       | 0       | 557506  | 666666                    |
| 10            | 2                | 19              | 313221  | 55                    | 1291    | 0       | 352044  | 666666                    |
| 11            | 1                | 19              | 108431  | 87                    | 0       | 0       | 558148  | 666666                    |
| 12            | 2                | 19              | 593397  | 73                    | 1278    | 0       | 71845   | 666666                    |
| 13            | 3                | 19              | 114668  | 90                    | 1145    | 1568    | 549015  | 666666                    |
| 14            | 2                | 19              | 158910  | 68                    | 1258    | 0       | 506362  | 666666                    |
| 15            | 3                | 19              | 370480  | 75                    | 1029    | 1650    | 293282  | 666666                    |
| 16            | 2                | 19              | 59765   | 65                    | 1696    | 0       | 605075  | 666666                    |
| 17            | 3                | 19              | 421677  | 73                    | 1550    | 1034    | 242186  | 666666                    |
| 18            | 3                | 19              | 173584  | 88                    | 1087    | 1721    | 490010  | 666666                    |

Type 5 #11 5644 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 13              | 1040343 | 54                    | 1846    | 1193    | 289789  | 1333333                   |
| 2             | 2                | 13              | 1263197 | 86                    | 1249    | 0       | 68715   | 1333333                   |
| 3             | 3                | 13              | 1299941 | 99                    | 1234    | 1317    | 30544   | 1333333                   |
| 4             | 3                | 13              | 579919  | 50                    | 1653    | 1840    | 749771  | 1333333                   |
| 5             | 2                | 13              | 310278  | 50                    | 1518    | 0       | 1021437 | 1333333                   |
| 6             | 2                | 13              | 479394  | 86                    | 1054    | 0       | 852713  | 1333333                   |
| 7             | 3                | 13              | 1006010 | 95                    | 1485    | 1244    | 324309  | 1333333                   |
| 8             | 3                | 13              | 1077368 | 74                    | 1627    | 1385    | 252731  | 1333333                   |
| 9             | 1                | 13              | 1258928 | 88                    | 0       | 0       | 74317   | 1333333                   |

Type 5 #12 5643 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 16              | 157472  | 83                    | 0       | 0       | 699587  | 857142                    |
| 2             | 1                | 16              | 100962  | 72                    | 0       | 0       | 756108  | 857142                    |
| 3             | 2                | 16              | 176995  | 88                    | 1154    | 0       | 678817  | 857142                    |
| 4             | 2                | 16              | 801177  | 92                    | 1477    | 0       | 54304   | 857142                    |
| 5             | 1                | 16              | 289403  | 58                    | 0       | 0       | 567681  | 857142                    |
| 6             | 1                | 16              | 655011  | 85                    | 0       | 0       | 202046  | 857142                    |
| 7             | 1                | 16              | 637620  | 64                    | 0       | 0       | 219458  | 857142                    |
| 8             | 2                | 16              | 688010  | 52                    | 1893    | 0       | 167135  | 857142                    |
| 9             | 3                | 16              | 131045  | 95                    | 1432    | 1573    | 722807  | 857142                    |
| 10            | 2                | 16              | 403550  | 93                    | 1373    | 0       | 452033  | 857142                    |
| 11            | 2                | 16              | 519573  | 89                    | 1111    | 0       | 336280  | 857142                    |
| 12            | 3                | 16              | 290406  | 75                    | 1291    | 1502    | 563718  | 857142                    |
| 13            | 2                | 16              | 29806   | 63                    | 1419    | 0       | 825791  | 857142                    |
| 14            | 1                | 16              | 92267   | 90                    | 0       | 0       | 764785  | 857142                    |

Type 5 #13 5499 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 19              | 394338  | 97                    | 1022    | 0       | 404446  | 800000                    |
| 2             | 3                | 19              | 142128  | 51                    | 1440    | 1214    | 655065  | 800000                    |
| 3             | 2                | 19              | 480395  | 56                    | 1767    | 0       | 317726  | 800000                    |
| 4             | 2                | 19              | 127784  | 52                    | 1495    | 0       | 670617  | 800000                    |
| 5             | 1                | 19              | 208689  | 54                    | 0       | 0       | 591257  | 800000                    |
| 6             | 1                | 19              | 588718  | 53                    | 0       | 0       | 211229  | 800000                    |
| 7             | 2                | 19              | 543364  | 61                    | 1113    | 0       | 255401  | 800000                    |
| 8             | 1                | 19              | 640576  | 78                    | 0       | 0       | 159346  | 800000                    |
| 9             | 1                | 19              | 667431  | 70                    | 0       | 0       | 132499  | 800000                    |
| 10            | 1                | 19              | 499652  | 90                    | 0       | 0       | 300258  | 800000                    |
| 11            | 2                | 19              | 493313  | 77                    | 1556    | 0       | 304977  | 800000                    |
| 12            | 2                | 19              | 166596  | 75                    | 1330    | 0       | 631924  | 800000                    |
| 13            | 3                | 19              | 391265  | 96                    | 1442    | 1446    | 405559  | 800000                    |
| 14            | 3                | 19              | 365560  | 92                    | 1210    | 1064    | 431890  | 800000                    |
| 15            | 2                | 19              | 640897  | 100                   | 1331    | 0       | 157572  | 800000                    |

Type 5 #14 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 9               | 653688  | 69                    | 1526    | 0       | 435557  | 1090909                   |
| 2             | 3                | 9               | 116135  | 88                    | 1612    | 1334    | 971564  | 1090909                   |
| 3             | 3                | 9               | 136128  | 68                    | 1358    | 1809    | 951410  | 1090909                   |
| 4             | 1                | 9               | 865930  | 69                    | 0       | 0       | 224910  | 1090909                   |
| 5             | 2                | 9               | 877830  | 60                    | 1088    | 0       | 211871  | 1090909                   |
| 6             | 3                | 9               | 283211  | 84                    | 1408    | 1698    | 804340  | 1090909                   |
| 7             | 2                | 9               | 377239  | 82                    | 1805    | 0       | 711701  | 1090909                   |
| 8             | 2                | 9               | 493823  | 55                    | 1055    | 0       | 595921  | 1090909                   |
| 9             | 2                | 9               | 1052498 | 77                    | 1345    | 0       | 36912   | 1090909                   |
| 10            | 2                | 9               | 218043  | 100                   | 1564    | 0       | 871102  | 1090909                   |
| 11            | 2                | 9               | 196003  | 87                    | 1469    | 0       | 893263  | 1090909                   |

Type 5 #15 5494 [\[Back to Summary\]](#)

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 8               | 1085605 | 74                    | 1847    | 0       | 412400  | 1500000                   |
| 2             | 2                | 8               | 31134   | 88                    | 1183    | 0       | 1467507 | 1500000                   |
| 3             | 1                | 8               | 53151   | 55                    | 0       | 0       | 1446794 | 1500000                   |
| 4             | 2                | 8               | 729734  | 87                    | 1323    | 0       | 768769  | 1500000                   |
| 5             | 3                | 8               | 1199301 | 93                    | 1191    | 1240    | 297989  | 1500000                   |
| 6             | 1                | 8               | 1365366 | 92                    | 0       | 0       | 134542  | 1500000                   |
| 7             | 1                | 8               | 606960  | 65                    | 0       | 0       | 892975  | 1500000                   |
| 8             | 1                | 8               | 748697  | 100                   | 0       | 0       | 751203  | 1500000                   |

Type 5 #16 5641 [\[Back to Summary\]](#)

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 19              | 129030  | 62                    | 0       | 0       | 870908  | 1000000                   |
| 2             | 3                | 19              | 410980  | 76                    | 1694    | 1094    | 586004  | 1000000                   |
| 3             | 2                | 19              | 155146  | 68                    | 1445    | 0       | 843273  | 1000000                   |
| 4             | 2                | 19              | 274340  | 78                    | 1724    | 0       | 723780  | 1000000                   |
| 5             | 2                | 19              | 91001   | 86                    | 1166    | 0       | 907661  | 1000000                   |
| 6             | 1                | 19              | 278390  | 79                    | 0       | 0       | 721531  | 1000000                   |
| 7             | 2                | 19              | 309700  | 83                    | 1448    | 0       | 688686  | 1000000                   |
| 8             | 1                | 19              | 44219   | 72                    | 0       | 0       | 955709  | 1000000                   |
| 9             | 3                | 19              | 744780  | 68                    | 1215    | 1987    | 251814  | 1000000                   |
| 10            | 1                | 19              | 846096  | 95                    | 0       | 0       | 153809  | 1000000                   |
| 11            | 2                | 19              | 380181  | 82                    | 1690    | 0       | 617965  | 1000000                   |
| 12            | 1                | 19              | 78916   | 67                    | 0       | 0       | 921017  | 1000000                   |

Type 5 #17 5498 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 18              | 125020  | 88                    | 1920    | 0       | 795960  | 923076                    |
| 2             | 1                | 18              | 468529  | 86                    | 0       | 0       | 454461  | 923076                    |
| 3             | 3                | 18              | 386883  | 75                    | 1058    | 1558    | 533352  | 923076                    |
| 4             | 3                | 18              | 586641  | 60                    | 1499    | 1739    | 333017  | 923076                    |
| 5             | 3                | 18              | 545248  | 77                    | 1067    | 1356    | 375174  | 923076                    |
| 6             | 2                | 18              | 391805  | 63                    | 1006    | 0       | 530139  | 923076                    |
| 7             | 3                | 18              | 913558  | 58                    | 2000    | 1988    | 5356    | 923076                    |
| 8             | 2                | 18              | 168690  | 84                    | 1635    | 0       | 752583  | 923076                    |
| 9             | 1                | 18              | 718412  | 94                    | 0       | 0       | 204570  | 923076                    |
| 10            | 1                | 18              | 773116  | 83                    | 0       | 0       | 149877  | 923076                    |
| 11            | 2                | 18              | 413314  | 60                    | 1548    | 0       | 508094  | 923076                    |
| 12            | 1                | 18              | 149424  | 93                    | 0       | 0       | 773559  | 923076                    |
| 13            | 2                | 18              | 774592  | 67                    | 1950    | 0       | 146400  | 923076                    |

Type 5 #18 5644 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 13              | 245955  | 54                    | 0       | 0       | 677067  | 923076                    |
| 2             | 1                | 13              | 175806  | 87                    | 0       | 0       | 747183  | 923076                    |
| 3             | 1                | 13              | 655085  | 60                    | 0       | 0       | 267931  | 923076                    |
| 4             | 1                | 13              | 208449  | 58                    | 0       | 0       | 714569  | 923076                    |
| 5             | 1                | 13              | 714535  | 100                   | 0       | 0       | 208441  | 923076                    |
| 6             | 1                | 13              | 90662   | 73                    | 0       | 0       | 832341  | 923076                    |
| 7             | 1                | 13              | 402896  | 73                    | 0       | 0       | 520107  | 923076                    |
| 8             | 3                | 13              | 632153  | 88                    | 1390    | 1766    | 287503  | 923076                    |
| 9             | 2                | 13              | 888749  | 65                    | 1135    | 0       | 33062   | 923076                    |
| 10            | 3                | 13              | 96431   | 98                    | 1662    | 1231    | 823458  | 923076                    |
| 11            | 2                | 13              | 787910  | 96                    | 1331    | 0       | 133643  | 923076                    |
| 12            | 1                | 13              | 609492  | 70                    | 0       | 0       | 313514  | 923076                    |
| 13            | 1                | 13              | 892164  | 88                    | 0       | 0       | 30824   | 923076                    |

Type 5 #19 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 13              | 269516  | 86                    | 1481    | 1345    | 650476  | 923076                    |
| 2             | 1                | 13              | 766728  | 97                    | 0       | 0       | 156251  | 923076                    |
| 3             | 3                | 13              | 609658  | 80                    | 1221    | 1283    | 310674  | 923076                    |
| 4             | 2                | 13              | 630211  | 67                    | 1195    | 0       | 291536  | 923076                    |
| 5             | 3                | 13              | 428925  | 99                    | 1568    | 1397    | 490889  | 923076                    |
| 6             | 1                | 13              | 626958  | 65                    | 0       | 0       | 296053  | 923076                    |
| 7             | 1                | 13              | 146681  | 63                    | 0       | 0       | 776332  | 923076                    |
| 8             | 2                | 13              | 875522  | 57                    | 1573    | 0       | 45867   | 923076                    |
| 9             | 3                | 13              | 633503  | 56                    | 1368    | 1971    | 286066  | 923076                    |
| 10            | 2                | 13              | 179868  | 78                    | 1972    | 0       | 741080  | 923076                    |
| 11            | 3                | 13              | 684523  | 82                    | 1448    | 1871    | 234988  | 923076                    |
| 12            | 3                | 13              | 578070  | 98                    | 1669    | 1827    | 341216  | 923076                    |
| 13            | 3                | 13              | 114684  | 57                    | 1711    | 1332    | 805178  | 923076                    |

Type 5 #20 5494 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 7               | 773677  | 81                    | 1995    | 0       | 315075  | 1090909                   |
| 2             | 2                | 7               | 22895   | 96                    | 1200    | 0       | 1066622 | 1090909                   |
| 3             | 3                | 7               | 711629  | 74                    | 1822    | 1809    | 375427  | 1090909                   |
| 4             | 1                | 7               | 132435  | 81                    | 0       | 0       | 958393  | 1090909                   |
| 5             | 3                | 7               | 387055  | 75                    | 1556    | 1820    | 700253  | 1090909                   |
| 6             | 3                | 7               | 141682  | 72                    | 1374    | 1802    | 945835  | 1090909                   |
| 7             | 2                | 7               | 816859  | 63                    | 1325    | 0       | 272599  | 1090909                   |
| 8             | 1                | 7               | 1004401 | 62                    | 0       | 0       | 86446   | 1090909                   |
| 9             | 3                | 7               | 555677  | 82                    | 1792    | 1165    | 532029  | 1090909                   |
| 10            | 3                | 7               | 481744  | 89                    | 1943    | 1272    | 605683  | 1090909                   |
| 11            | 1                | 7               | 75318   | 67                    | 0       | 0       | 1015524 | 1090909                   |

Type 5 #21 5642 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 18              | 74161   | 91                    | 0       | 0       | 782890  | 857142                    |
| 2             | 2                | 18              | 50663   | 74                    | 1156    | 0       | 805175  | 857142                    |
| 3             | 2                | 18              | 753509  | 90                    | 1201    | 0       | 102252  | 857142                    |
| 4             | 3                | 18              | 558883  | 83                    | 1889    | 1846    | 294275  | 857142                    |
| 5             | 2                | 18              | 227680  | 77                    | 1863    | 0       | 627445  | 857142                    |
| 6             | 3                | 18              | 757261  | 64                    | 1119    | 1574    | 96996   | 857142                    |
| 7             | 3                | 18              | 264891  | 72                    | 1893    | 1434    | 588708  | 857142                    |
| 8             | 1                | 18              | 534540  | 98                    | 0       | 0       | 322504  | 857142                    |
| 9             | 1                | 18              | 562057  | 60                    | 0       | 0       | 295025  | 857142                    |
| 10            | 3                | 18              | 620265  | 60                    | 1157    | 1304    | 234236  | 857142                    |
| 11            | 2                | 18              | 571043  | 54                    | 1820    | 0       | 284171  | 857142                    |
| 12            | 3                | 18              | 31551   | 58                    | 1821    | 1619    | 821977  | 857142                    |
| 13            | 1                | 18              | 688411  | 75                    | 0       | 0       | 168656  | 857142                    |
| 14            | 3                | 18              | 633347  | 61                    | 1446    | 1778    | 220388  | 857142                    |

Type 5 #22 5641 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 19              | 131527  | 67                    | 0       | 0       | 868406  | 1000000                   |
| 2             | 3                | 19              | 624770  | 52                    | 1842    | 1376    | 371856  | 1000000                   |
| 3             | 2                | 19              | 326874  | 89                    | 1044    | 0       | 671904  | 1000000                   |
| 4             | 2                | 19              | 719915  | 52                    | 1586    | 0       | 278395  | 1000000                   |
| 5             | 2                | 19              | 711929  | 93                    | 1167    | 0       | 286718  | 1000000                   |
| 6             | 2                | 19              | 78473   | 58                    | 1984    | 0       | 919427  | 1000000                   |
| 7             | 3                | 19              | 477769  | 50                    | 1350    | 1047    | 519684  | 1000000                   |
| 8             | 3                | 19              | 124875  | 53                    | 1221    | 1277    | 872468  | 1000000                   |
| 9             | 3                | 19              | 202537  | 56                    | 1735    | 1679    | 793881  | 1000000                   |
| 10            | 2                | 19              | 685739  | 78                    | 1953    | 0       | 312152  | 1000000                   |
| 11            | 2                | 19              | 755466  | 71                    | 1181    | 0       | 243211  | 1000000                   |
| 12            | 2                | 19              | 755747  | 64                    | 1878    | 0       | 242247  | 1000000                   |

Type 5 #23 5493 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 5               | 40572   | 72                    | 1993    | 1364    | 555855  | 600000                    |
| 2             | 2                | 5               | 19747   | 98                    | 1037    | 0       | 579020  | 600000                    |
| 3             | 3                | 5               | 205275  | 99                    | 1570    | 1070    | 391788  | 600000                    |
| 4             | 1                | 5               | 573769  | 88                    | 0       | 0       | 26143   | 600000                    |
| 5             | 1                | 5               | 561345  | 56                    | 0       | 0       | 38599   | 600000                    |
| 6             | 2                | 5               | 175818  | 90                    | 1369    | 0       | 422633  | 600000                    |
| 7             | 1                | 5               | 118085  | 63                    | 0       | 0       | 481852  | 600000                    |
| 8             | 2                | 5               | 153086  | 55                    | 1961    | 0       | 444843  | 600000                    |
| 9             | 2                | 5               | 310947  | 54                    | 1230    | 0       | 287715  | 600000                    |
| 10            | 2                | 5               | 410444  | 75                    | 1904    | 0       | 187502  | 600000                    |
| 11            | 3                | 5               | 31594   | 75                    | 1185    | 1663    | 565333  | 600000                    |
| 12            | 2                | 5               | 18668   | 65                    | 1348    | 0       | 579854  | 600000                    |
| 13            | 1                | 5               | 447658  | 99                    | 0       | 0       | 152243  | 600000                    |
| 14            | 1                | 5               | 467051  | 89                    | 0       | 0       | 132860  | 600000                    |
| 15            | 1                | 5               | 157403  | 99                    | 0       | 0       | 442498  | 600000                    |
| 16            | 1                | 5               | 435067  | 61                    | 0       | 0       | 164872  | 600000                    |
| 17            | 1                | 5               | 262976  | 81                    | 0       | 0       | 336943  | 600000                    |
| 18            | 2                | 5               | 479235  | 75                    | 1684    | 0       | 118931  | 600000                    |
| 19            | 1                | 5               | 86257   | 80                    | 0       | 0       | 513663  | 600000                    |
| 20            | 1                | 5               | 391135  | 90                    | 0       | 0       | 208775  | 600000                    |

Type 5 #24 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 13              | 660566  | 72                    | 1126    | 0       | 261240  | 923076                    |
| 2             | 2                | 13              | 778209  | 61                    | 1126    | 0       | 143619  | 923076                    |
| 3             | 1                | 13              | 84504   | 69                    | 0       | 0       | 838503  | 923076                    |
| 4             | 3                | 13              | 870216  | 77                    | 1766    | 1288    | 49575   | 923076                    |
| 5             | 3                | 13              | 166456  | 58                    | 1695    | 1634    | 753117  | 923076                    |
| 6             | 2                | 13              | 387287  | 81                    | 1834    | 0       | 533793  | 923076                    |
| 7             | 2                | 13              | 921141  | 89                    | 1099    | 0       | 658     | 923076                    |
| 8             | 2                | 13              | 523491  | 61                    | 1969    | 0       | 397494  | 923076                    |
| 9             | 3                | 13              | 85261   | 58                    | 1518    | 1814    | 834309  | 923076                    |
| 10            | 2                | 13              | 761944  | 83                    | 1689    | 0       | 159277  | 923076                    |
| 11            | 3                | 13              | 454371  | 72                    | 1567    | 1444    | 465478  | 923076                    |
| 12            | 1                | 13              | 573884  | 77                    | 0       | 0       | 349115  | 923076                    |
| 13            | 1                | 13              | 893934  | 73                    | 0       | 0       | 29069   | 923076                    |

Type 5 #25 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 13              | 31097   | 82                    | 0       | 0       | 1168821 | 1200000                   |
| 2             | 1                | 13              | 410812  | 59                    | 0       | 0       | 789129  | 1200000                   |
| 3             | 1                | 13              | 174257  | 51                    | 0       | 0       | 1025692 | 1200000                   |
| 4             | 2                | 13              | 638347  | 80                    | 1486    | 0       | 560007  | 1200000                   |
| 5             | 1                | 13              | 1113853 | 62                    | 0       | 0       | 86085   | 1200000                   |
| 6             | 2                | 13              | 833130  | 94                    | 1947    | 0       | 364735  | 1200000                   |
| 7             | 1                | 13              | 595334  | 93                    | 0       | 0       | 604573  | 1200000                   |
| 8             | 1                | 13              | 1140487 | 83                    | 0       | 0       | 59430   | 1200000                   |
| 9             | 2                | 13              | 520647  | 62                    | 1071    | 0       | 678158  | 1200000                   |
| 10            | 2                | 13              | 1131710 | 84                    | 1957    | 0       | 66165   | 1200000                   |

Type 5 #26 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 9               | 249732  | 62                    | 0       | 0       | 607348  | 857142                    |
| 2             | 2                | 9               | 337927  | 95                    | 1749    | 0       | 517276  | 857142                    |
| 3             | 1                | 9               | 262237  | 54                    | 0       | 0       | 594851  | 857142                    |
| 4             | 2                | 9               | 455237  | 99                    | 1294    | 0       | 400413  | 857142                    |
| 5             | 1                | 9               | 850391  | 62                    | 0       | 0       | 6689    | 857142                    |
| 6             | 3                | 9               | 801030  | 84                    | 1202    | 1971    | 52687   | 857142                    |
| 7             | 1                | 9               | 227627  | 74                    | 0       | 0       | 629441  | 857142                    |
| 8             | 2                | 9               | 786178  | 88                    | 1431    | 0       | 69357   | 857142                    |
| 9             | 1                | 9               | 429617  | 67                    | 0       | 0       | 427458  | 857142                    |
| 10            | 2                | 9               | 600640  | 57                    | 1118    | 0       | 255270  | 857142                    |
| 11            | 2                | 9               | 449721  | 93                    | 1982    | 0       | 405253  | 857142                    |
| 12            | 2                | 9               | 63387   | 87                    | 1244    | 0       | 792337  | 857142                    |
| 13            | 2                | 9               | 771250  | 53                    | 1088    | 0       | 84698   | 857142                    |
| 14            | 3                | 9               | 519289  | 57                    | 1911    | 1608    | 334163  | 857142                    |

Type 5 #27 5494 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 8               | 595610  | 87                    | 1611    | 0       | 325681  | 923076                    |
| 2             | 1                | 8               | 122141  | 75                    | 0       | 0       | 800860  | 923076                    |
| 3             | 3                | 8               | 111608  | 96                    | 1959    | 1251    | 807970  | 923076                    |
| 4             | 3                | 8               | 637426  | 68                    | 1327    | 1858    | 282261  | 923076                    |
| 5             | 3                | 8               | 615534  | 85                    | 1492    | 1236    | 304559  | 923076                    |
| 6             | 1                | 8               | 773510  | 55                    | 0       | 0       | 149511  | 923076                    |
| 7             | 3                | 8               | 386571  | 56                    | 1260    | 1274    | 533803  | 923076                    |
| 8             | 1                | 8               | 542166  | 93                    | 0       | 0       | 380817  | 923076                    |
| 9             | 1                | 8               | 220710  | 89                    | 0       | 0       | 702277  | 923076                    |
| 10            | 3                | 8               | 741552  | 68                    | 1294    | 1486    | 178540  | 923076                    |
| 11            | 3                | 8               | 44800   | 76                    | 1248    | 1503    | 875297  | 923076                    |
| 12            | 1                | 8               | 491120  | 81                    | 0       | 0       | 431875  | 923076                    |
| 13            | 2                | 8               | 846035  | 61                    | 1439    | 0       | 75480   | 923076                    |

Type 5 #28 5499 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 20              | 217205  | 68                    | 1954    | 0       | 637847  | 857142                    |
| 2             | 1                | 20              | 521413  | 57                    | 0       | 0       | 335672  | 857142                    |
| 3             | 1                | 20              | 406807  | 95                    | 0       | 0       | 450240  | 857142                    |
| 4             | 3                | 20              | 532086  | 88                    | 1528    | 1459    | 321805  | 857142                    |
| 5             | 3                | 20              | 632994  | 66                    | 1177    | 1105    | 221668  | 857142                    |
| 6             | 1                | 20              | 38898   | 56                    | 0       | 0       | 818188  | 857142                    |
| 7             | 3                | 20              | 590902  | 76                    | 1678    | 1335    | 262999  | 857142                    |
| 8             | 1                | 20              | 742520  | 90                    | 0       | 0       | 114532  | 857142                    |
| 9             | 1                | 20              | 687632  | 100                   | 0       | 0       | 169410  | 857142                    |
| 10            | 3                | 20              | 200405  | 78                    | 1099    | 1443    | 653961  | 857142                    |
| 11            | 3                | 20              | 574115  | 57                    | 1004    | 1505    | 280347  | 857142                    |
| 12            | 2                | 20              | 798083  | 63                    | 1626    | 0       | 57307   | 857142                    |
| 13            | 1                | 20              | 630703  | 90                    | 0       | 0       | 226349  | 857142                    |
| 14            | 3                | 20              | 531549  | 60                    | 1684    | 1954    | 321775  | 857142                    |

Type 5 #29 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 11              | 1055905 | 89                    | 0       | 0       | 144006  | 1200000                   |
| 2             | 1                | 11              | 863053  | 56                    | 0       | 0       | 336891  | 1200000                   |
| 3             | 2                | 11              | 373606  | 58                    | 1562    | 0       | 824716  | 1200000                   |
| 4             | 3                | 11              | 230096  | 58                    | 1127    | 1934    | 966669  | 1200000                   |
| 5             | 3                | 11              | 586842  | 53                    | 1191    | 1339    | 610469  | 1200000                   |
| 6             | 3                | 11              | 247877  | 81                    | 1987    | 1914    | 947979  | 1200000                   |
| 7             | 1                | 11              | 121796  | 75                    | 0       | 0       | 1078129 | 1200000                   |
| 8             | 3                | 11              | 5303    | 72                    | 1053    | 1966    | 1191462 | 1200000                   |
| 9             | 1                | 11              | 145830  | 62                    | 0       | 0       | 1054108 | 1200000                   |
| 10            | 1                | 11              | 680903  | 95                    | 0       | 0       | 519002  | 1200000                   |

Type 5 #30 5570 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 9               | 518241  | 72                    | 1224    | 1389    | 478930  | 1000000                   |
| 2             | 2                | 9               | 517899  | 91                    | 1948    | 0       | 479971  | 1000000                   |
| 3             | 2                | 9               | 676116  | 65                    | 1772    | 0       | 321982  | 1000000                   |
| 4             | 3                | 9               | 952300  | 60                    | 1534    | 1825    | 44161   | 1000000                   |
| 5             | 1                | 9               | 859818  | 65                    | 0       | 0       | 140117  | 1000000                   |
| 6             | 3                | 9               | 506668  | 71                    | 1800    | 1066    | 490253  | 1000000                   |
| 7             | 1                | 9               | 408261  | 85                    | 0       | 0       | 591654  | 1000000                   |
| 8             | 1                | 9               | 139265  | 83                    | 0       | 0       | 860652  | 1000000                   |
| 9             | 3                | 9               | 752310  | 60                    | 1289    | 1072    | 245149  | 1000000                   |
| 10            | 2                | 9               | 621968  | 99                    | 1246    | 0       | 376588  | 1000000                   |
| 11            | 3                | 9               | 139070  | 50                    | 1516    | 1259    | 858005  | 1000000                   |
| 12            | 3                | 9               | 5779    | 50                    | 1589    | 1657    | 990825  | 1000000                   |

**Type 6 #1 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5553 | #02-5683 | #03-5462 | #04-5352 | #05-5575 | #06-5436 | #07-5323 | #08-5648 | #09-5565 | #10-5357  |
| #11-5579 | #12-5548 | #13-5383 | #14-5670 | #15-5331 | #16-5421 | #17-5461 | #18-5320 | #19-5490 | #20-5556  |
| #21-5455 | #22-5302 | #23-5377 | #24-5391 | #25-5567 | #26-5693 | #27-5480 | #28-5609 | #29-5345 | #30-5443  |
| #31-5336 | #32-5532 | #33-5518 | #34-5707 | #35-5410 | #36-5407 | #37-5719 | #38-5442 | #39-5362 | #40-5539  |
| #41-5419 | #42-5451 | #43-5415 | #44-5684 | #45-5361 | #46-5426 | #47-5394 | #48-5620 | #49-5605 | #50-5559  |
| #51-5460 | #52-5602 | #53-5493 | #54-5511 | #55-5329 | #56-5501 | #57-5560 | #58-5315 | #59-5516 | #60-5615  |
| #61-5685 | #62-5441 | #63-5552 | #64-5368 | #65-5267 | #66-5291 | #67-5280 | #68-5401 | #69-5513 | #70-5653  |
| #71-5428 | #72-5265 | #73-5687 | #74-5676 | #75-5382 | #76-5255 | #77-5621 | #78-5418 | #79-5275 | #80-5387  |
| #81-5550 | #82-5594 | #83-5253 | #84-5522 | #85-5712 | #86-5470 | #87-5290 | #88-5257 | #89-5627 | #90-5641  |
| #91-5584 | #92-5649 | #93-5657 | #94-5482 | #95-5585 | #96-5703 | #97-5628 | #98-5293 | #99-5665 | #100-5314 |

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|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5391 | #02-5717 | #03-5356 | #04-5677 | #05-5377 | #06-5439 | #07-5638 | #08-5538 | #09-5373 | #10-5328  |
| #11-5608 | #12-5387 | #13-5294 | #14-5375 | #15-5311 | #16-5345 | #17-5443 | #18-5283 | #19-5392 | #20-5532  |
| #21-5254 | #22-5276 | #23-5511 | #24-5599 | #25-5323 | #26-5510 | #27-5341 | #28-5460 | #29-5349 | #30-5415  |
| #31-5361 | #32-5576 | #33-5487 | #34-5686 | #35-5722 | #36-5558 | #37-5484 | #38-5300 | #39-5397 | #40-5528  |
| #41-5556 | #42-5482 | #43-5613 | #44-5546 | #45-5277 | #46-5446 | #47-5604 | #48-5533 | #49-5422 | #50-5490  |
| #51-5518 | #52-5594 | #53-5637 | #54-5385 | #55-5312 | #56-5366 | #57-5465 | #58-5491 | #59-5614 | #60-5601  |
| #61-5348 | #62-5438 | #63-5448 | #64-5693 | #65-5699 | #66-5286 | #67-5636 | #68-5334 | #69-5381 | #70-5489  |
| #71-5595 | #72-5394 | #73-5626 | #74-5591 | #75-5705 | #76-5505 | #77-5399 | #78-5692 | #79-5572 | #80-5612  |
| #81-5640 | #82-5540 | #83-5284 | #84-5587 | #85-5625 | #86-5495 | #87-5667 | #88-5343 | #89-5628 | #90-5610  |
| #91-5339 | #92-5720 | #93-5420 | #94-5520 | #95-5425 | #96-5363 | #97-5281 | #98-5648 | #99-5568 | #100-5713 |

**Type 6 #3 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
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| #01-5534 | #02-5513 | #03-5399 | #04-5659 | #05-5619 | #06-5373 | #07-5694 | #08-5292 | #09-5404 | #10-5536  |
| #11-5696 | #12-5491 | #13-5639 | #14-5724 | #15-5685 | #16-5535 | #17-5394 | #18-5578 | #19-5319 | #20-5451  |
| #21-5346 | #22-5531 | #23-5437 | #24-5494 | #25-5386 | #26-5594 | #27-5692 | #28-5347 | #29-5414 | #30-5588  |
| #31-5463 | #32-5475 | #33-5369 | #34-5579 | #35-5317 | #36-5365 | #37-5383 | #38-5350 | #39-5691 | #40-5496  |
| #41-5523 | #42-5622 | #43-5667 | #44-5331 | #45-5635 | #46-5573 | #47-5324 | #48-5419 | #49-5557 | #50-5610  |
| #51-5693 | #52-5428 | #53-5568 | #54-5359 | #55-5615 | #56-5250 | #57-5318 | #58-5629 | #59-5516 | #60-5272  |
| #61-5406 | #62-5593 | #63-5602 | #64-5539 | #65-5314 | #66-5466 | #67-5367 | #68-5305 | #69-5654 | #70-5566  |
| #71-5401 | #72-5289 | #73-5614 | #74-5549 | #75-5657 | #76-5450 | #77-5590 | #78-5349 | #79-5584 | #80-5533  |
| #81-5509 | #82-5519 | #83-5511 | #84-5525 | #85-5625 | #86-5281 | #87-5636 | #88-5258 | #89-5689 | #90-5315  |
| #91-5290 | #92-5477 | #93-5556 | #94-5671 | #95-5336 | #96-5656 | #97-5266 | #98-5378 | #99-5263 | #100-5418 |

| Type 6 #4 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5455                    | #02-5268 | #03-5492 | #04-5713 | #05-5459 | #06-5648 | #07-5541 | #08-5271 | #09-5432 | #10-5412  |
| #11-5384                    | #12-5696 | #13-5294 | #14-5705 | #15-5484 | #16-5607 | #17-5326 | #18-5323 | #19-5643 | #20-5285  |
| #21-5563                    | #22-5361 | #23-5348 | #24-5583 | #25-5525 | #26-5645 | #27-5462 | #28-5670 | #29-5461 | #30-5250  |
| #31-5434                    | #32-5465 | #33-5338 | #34-5418 | #35-5333 | #36-5502 | #37-5283 | #38-5533 | #39-5320 | #40-5697  |
| #41-5473                    | #42-5612 | #43-5554 | #44-5528 | #45-5661 | #46-5322 | #47-5438 | #48-5580 | #49-5435 | #50-5457  |
| #51-5582                    | #52-5672 | #53-5458 | #54-5706 | #55-5581 | #56-5346 | #57-5646 | #58-5632 | #59-5437 | #60-5540  |
| #61-5433                    | #62-5598 | #63-5535 | #64-5426 | #65-5704 | #66-5649 | #67-5608 | #68-5600 | #69-5622 | #70-5712  |
| #71-5570                    | #72-5516 | #73-5253 | #74-5673 | #75-5538 | #76-5677 | #77-5529 | #78-5544 | #79-5642 | #80-5443  |
| #81-5448                    | #82-5604 | #83-5480 | #84-5255 | #85-5389 | #86-5485 | #87-5254 | #88-5355 | #89-5561 | #90-5714  |
| #91-5573                    | #92-5369 | #93-5336 | #94-5501 | #95-5505 | #96-5595 | #97-5321 | #98-5364 | #99-5546 | #100-5263 |

| Type 6 #5 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5438                    | #02-5562 | #03-5680 | #04-5448 | #05-5607 | #06-5306 | #07-5667 | #08-5510 | #09-5411 | #10-5628  |
| #11-5535                    | #12-5348 | #13-5712 | #14-5713 | #15-5331 | #16-5554 | #17-5360 | #18-5527 | #19-5284 | #20-5465  |
| #21-5643                    | #22-5498 | #23-5286 | #24-5635 | #25-5384 | #26-5450 | #27-5429 | #28-5472 | #29-5412 | #30-5669  |
| #31-5598                    | #32-5414 | #33-5724 | #34-5633 | #35-5261 | #36-5617 | #37-5651 | #38-5285 | #39-5370 | #40-5338  |
| #41-5545                    | #42-5467 | #43-5670 | #44-5658 | #45-5423 | #46-5476 | #47-5383 | #48-5349 | #49-5421 | #50-5678  |
| #51-5486                    | #52-5521 | #53-5328 | #54-5326 | #55-5341 | #56-5662 | #57-5525 | #58-5293 | #59-5311 | #60-5404  |
| #61-5599                    | #62-5446 | #63-5346 | #64-5471 | #65-5275 | #66-5369 | #67-5351 | #68-5324 | #69-5701 | #70-5441  |
| #71-5626                    | #72-5321 | #73-5408 | #74-5673 | #75-5644 | #76-5431 | #77-5558 | #78-5354 | #79-5464 | #80-5631  |
| #81-5309                    | #82-5329 | #83-5296 | #84-5469 | #85-5439 | #86-5327 | #87-5336 | #88-5645 | #89-5547 | #90-5320  |
| #91-5350                    | #92-5608 | #93-5699 | #94-5692 | #95-5474 | #96-5357 | #97-5376 | #98-5459 | #99-5629 | #100-5301 |

| Type 6 #6 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5376                    | #02-5310 | #03-5377 | #04-5710 | #05-5299 | #06-5413 | #07-5364 | #08-5389 | #09-5415 | #10-5640  |
| #11-5357                    | #12-5427 | #13-5561 | #14-5407 | #15-5341 | #16-5523 | #17-5399 | #18-5613 | #19-5283 | #20-5675  |
| #21-5284                    | #22-5437 | #23-5513 | #24-5627 | #25-5343 | #26-5269 | #27-5353 | #28-5449 | #29-5464 | #30-5548  |
| #31-5307                    | #32-5356 | #33-5454 | #34-5409 | #35-5514 | #36-5253 | #37-5682 | #38-5315 | #39-5420 | #40-5273  |
| #41-5691                    | #42-5673 | #43-5491 | #44-5629 | #45-5694 | #46-5648 | #47-5298 | #48-5549 | #49-5600 | #50-5668  |
| #51-5680                    | #52-5488 | #53-5423 | #54-5683 | #55-5271 | #56-5669 | #57-5529 | #58-5479 | #59-5615 | #60-5279  |
| #61-5312                    | #62-5646 | #63-5654 | #64-5590 | #65-5582 | #66-5252 | #67-5704 | #68-5410 | #69-5620 | #70-5340  |
| #71-5565                    | #72-5334 | #73-5456 | #74-5262 | #75-5712 | #76-5339 | #77-5670 | #78-5605 | #79-5656 | #80-5429  |
| #81-5698                    | #82-5534 | #83-5567 | #84-5511 | #85-5586 | #86-5546 | #87-5660 | #88-5489 | #89-5382 | #90-5558  |
| #91-5455                    | #92-5458 | #93-5424 | #94-5383 | #95-5690 | #96-5293 | #97-5267 | #98-5612 | #99-5295 | #100-5689 |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
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| Type 6 #7 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5670                    | #02-5616 | #03-5644 | #04-5507 | #05-5352 | #06-5595 | #07-5283 | #08-5404 | #09-5697 | #10-5659  |
| #11-5723                    | #12-5639 | #13-5537 | #14-5442 | #15-5306 | #16-5497 | #17-5328 | #18-5392 | #19-5253 | #20-5284  |
| #21-5316                    | #22-5463 | #23-5274 | #24-5313 | #25-5609 | #26-5363 | #27-5634 | #28-5320 | #29-5298 | #30-5667  |
| #31-5323                    | #32-5308 | #33-5564 | #34-5695 | #35-5478 | #36-5335 | #37-5611 | #38-5311 | #39-5413 | #40-5716  |
| #41-5516                    | #42-5510 | #43-5519 | #44-5448 | #45-5562 | #46-5536 | #47-5640 | #48-5702 | #49-5331 | #50-5439  |
| #51-5687                    | #52-5597 | #53-5608 | #54-5259 | #55-5622 | #56-5457 | #57-5587 | #58-5579 | #59-5621 | #60-5718  |
| #61-5685                    | #62-5690 | #63-5360 | #64-5278 | #65-5584 | #66-5664 | #67-5332 | #68-5561 | #69-5692 | #70-5701  |
| #71-5603                    | #72-5268 | #73-5709 | #74-5261 | #75-5488 | #76-5525 | #77-5665 | #78-5545 | #79-5468 | #80-5329  |
| #81-5440                    | #82-5652 | #83-5714 | #84-5573 | #85-5700 | #86-5436 | #87-5415 | #88-5544 | #89-5324 | #90-5269  |
| #91-5458                    | #92-5281 | #93-5408 | #94-5412 | #95-5280 | #96-5540 | #97-5399 | #98-5484 | #99-5572 | #100-5614 |

| Type 6 #8 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5458                    | #02-5319 | #03-5258 | #04-5349 | #05-5554 | #06-5669 | #07-5615 | #08-5600 | #09-5489 | #10-5342  |
| #11-5511                    | #12-5287 | #13-5361 | #14-5548 | #15-5523 | #16-5279 | #17-5702 | #18-5498 | #19-5302 | #20-5399  |
| #21-5499                    | #22-5497 | #23-5500 | #24-5675 | #25-5487 | #26-5584 | #27-5586 | #28-5546 | #29-5708 | #30-5672  |
| #31-5380                    | #32-5431 | #33-5699 | #34-5579 | #35-5593 | #36-5374 | #37-5649 | #38-5619 | #39-5280 | #40-5284  |
| #41-5553                    | #42-5540 | #43-5315 | #44-5705 | #45-5477 | #46-5422 | #47-5645 | #48-5588 | #49-5617 | #50-5724  |
| #51-5568                    | #52-5628 | #53-5432 | #54-5426 | #55-5369 | #56-5684 | #57-5541 | #58-5308 | #59-5581 | #60-5694  |
| #61-5333                    | #62-5318 | #63-5618 | #64-5535 | #65-5685 | #66-5327 | #67-5311 | #68-5496 | #69-5678 | #70-5394  |
| #71-5354                    | #72-5332 | #73-5463 | #74-5265 | #75-5565 | #76-5679 | #77-5429 | #78-5514 | #79-5438 | #80-5312  |
| #81-5658                    | #82-5720 | #83-5650 | #84-5707 | #85-5351 | #86-5470 | #87-5721 | #88-5512 | #89-5451 | #90-5629  |
| #91-5549                    | #92-5585 | #93-5281 | #94-5306 | #95-5667 | #96-5475 | #97-5643 | #98-5486 | #99-5266 | #100-5402 |

| Type 6 #9 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5361                    | #02-5392 | #03-5632 | #04-5470 | #05-5619 | #06-5487 | #07-5409 | #08-5419 | #09-5589 | #10-5416  |
| #11-5503                    | #12-5277 | #13-5595 | #14-5521 | #15-5284 | #16-5339 | #17-5390 | #18-5639 | #19-5442 | #20-5460  |
| #21-5329                    | #22-5524 | #23-5296 | #24-5299 | #25-5571 | #26-5493 | #27-5301 | #28-5410 | #29-5319 | #30-5335  |
| #31-5279                    | #32-5665 | #33-5505 | #34-5285 | #35-5680 | #36-5526 | #37-5342 | #38-5438 | #39-5341 | #40-5594  |
| #41-5320                    | #42-5558 | #43-5657 | #44-5291 | #45-5383 | #46-5533 | #47-5721 | #48-5494 | #49-5272 | #50-5587  |
| #51-5348                    | #52-5262 | #53-5310 | #54-5543 | #55-5330 | #56-5573 | #57-5353 | #58-5591 | #59-5633 | #60-5386  |
| #61-5445                    | #62-5251 | #63-5359 | #64-5513 | #65-5395 | #66-5574 | #67-5511 | #68-5566 | #69-5577 | #70-5496  |
| #71-5252                    | #72-5688 | #73-5555 | #74-5585 | #75-5398 | #76-5509 | #77-5605 | #78-5257 | #79-5652 | #80-5295  |
| #81-5499                    | #82-5544 | #83-5389 | #84-5466 | #85-5716 | #86-5268 | #87-5615 | #88-5694 | #89-5689 | #90-5368  |
| #91-5431                    | #92-5482 | #93-5539 | #94-5685 | #95-5407 | #96-5321 | #97-5457 | #98-5404 | #99-5638 | #100-5547 |

| Type 6 #10 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5272                     | #02-5412 | #03-5646 | #04-5510 | #05-5580 | #06-5384 | #07-5440 | #08-5455 | #09-5393 | #10-5547  |
| #11-5698                     | #12-5337 | #13-5665 | #14-5584 | #15-5610 | #16-5626 | #17-5592 | #18-5614 | #19-5512 | #20-5366  |
| #21-5687                     | #22-5535 | #23-5597 | #24-5453 | #25-5313 | #26-5495 | #27-5398 | #28-5589 | #29-5422 | #30-5320  |
| #31-5299                     | #32-5445 | #33-5349 | #34-5353 | #35-5268 | #36-5331 | #37-5618 | #38-5600 | #39-5607 | #40-5578  |
| #41-5550                     | #42-5400 | #43-5543 | #44-5387 | #45-5386 | #46-5333 | #47-5538 | #48-5676 | #49-5318 | #50-5499  |
| #51-5450                     | #52-5563 | #53-5611 | #54-5508 | #55-5576 | #56-5459 | #57-5534 | #58-5436 | #59-5442 | #60-5328  |
| #61-5710                     | #62-5573 | #63-5277 | #64-5316 | #65-5492 | #66-5501 | #67-5713 | #68-5560 | #69-5565 | #70-5525  |
| #71-5259                     | #72-5720 | #73-5257 | #74-5661 | #75-5540 | #76-5532 | #77-5718 | #78-5457 | #79-5314 | #80-5704  |
| #81-5684                     | #82-5448 | #83-5515 | #84-5652 | #85-5602 | #86-5461 | #87-5562 | #88-5566 | #89-5493 | #90-5529  |
| #91-5514                     | #92-5417 | #93-5396 | #94-5518 | #95-5604 | #96-5702 | #97-5363 | #98-5468 | #99-5627 | #100-5617 |

| Type 6 #11 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5348                     | #02-5704 | #03-5359 | #04-5519 | #05-5489 | #06-5454 | #07-5555 | #08-5673 | #09-5692 | #10-5290  |
| #11-5465                     | #12-5326 | #13-5371 | #14-5464 | #15-5374 | #16-5507 | #17-5304 | #18-5354 | #19-5447 | #20-5279  |
| #21-5663                     | #22-5398 | #23-5307 | #24-5277 | #25-5256 | #26-5564 | #27-5569 | #28-5463 | #29-5312 | #30-5568  |
| #31-5419                     | #32-5498 | #33-5571 | #34-5435 | #35-5610 | #36-5706 | #37-5345 | #38-5724 | #39-5412 | #40-5396  |
| #41-5636                     | #42-5617 | #43-5600 | #44-5466 | #45-5320 | #46-5444 | #47-5305 | #48-5666 | #49-5403 | #50-5343  |
| #51-5649                     | #52-5265 | #53-5276 | #54-5592 | #55-5672 | #56-5679 | #57-5646 | #58-5332 | #59-5516 | #60-5653  |
| #61-5615                     | #62-5346 | #63-5612 | #64-5383 | #65-5599 | #66-5698 | #67-5490 | #68-5660 | #69-5581 | #70-5393  |
| #71-5414                     | #72-5303 | #73-5669 | #74-5300 | #75-5373 | #76-5296 | #77-5525 | #78-5570 | #79-5685 | #80-5538  |
| #81-5505                     | #82-5624 | #83-5311 | #84-5694 | #85-5638 | #86-5402 | #87-5469 | #88-5701 | #89-5486 | #90-5648  |
| #91-5309                     | #92-5262 | #93-5461 | #94-5483 | #95-5506 | #96-5541 | #97-5252 | #98-5472 | #99-5585 | #100-5350 |

| Type 6 #12 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5680                     | #02-5368 | #03-5331 | #04-5257 | #05-5656 | #06-5591 | #07-5322 | #08-5700 | #09-5469 | #10-5622  |
| #11-5406                     | #12-5326 | #13-5373 | #14-5699 | #15-5401 | #16-5716 | #17-5283 | #18-5643 | #19-5464 | #20-5452  |
| #21-5484                     | #22-5514 | #23-5426 | #24-5654 | #25-5335 | #26-5397 | #27-5569 | #28-5438 | #29-5526 | #30-5555  |
| #31-5294                     | #32-5303 | #33-5709 | #34-5586 | #35-5582 | #36-5385 | #37-5541 | #38-5301 | #39-5284 | #40-5298  |
| #41-5329                     | #42-5493 | #43-5483 | #44-5590 | #45-5499 | #46-5706 | #47-5617 | #48-5488 | #49-5334 | #50-5513  |
| #51-5509                     | #52-5336 | #53-5254 | #54-5387 | #55-5593 | #56-5420 | #57-5669 | #58-5403 | #59-5648 | #60-5512  |
| #61-5272                     | #62-5611 | #63-5428 | #64-5639 | #65-5578 | #66-5354 | #67-5345 | #68-5515 | #69-5367 | #70-5264  |
| #71-5429                     | #72-5705 | #73-5612 | #74-5418 | #75-5377 | #76-5717 | #77-5280 | #78-5563 | #79-5413 | #80-5355  |
| #81-5508                     | #82-5333 | #83-5359 | #84-5262 | #85-5297 | #86-5687 | #87-5302 | #88-5577 | #89-5722 | #90-5423  |
| #91-5449                     | #92-5396 | #93-5384 | #94-5506 | #95-5275 | #96-5451 | #97-5317 | #98-5571 | #99-5259 | #100-5402 |

| Type 6 #13 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5614                     | #02-5357 | #03-5370 | #04-5316 | #05-5337 | #06-5527 | #07-5449 | #08-5564 | #09-5259 | #10-5599  |
| #11-5387                     | #12-5356 | #13-5715 | #14-5546 | #15-5254 | #16-5666 | #17-5505 | #18-5414 | #19-5593 | #20-5617  |
| #21-5303                     | #22-5493 | #23-5513 | #24-5677 | #25-5548 | #26-5283 | #27-5577 | #28-5360 | #29-5393 | #30-5659  |
| #31-5651                     | #32-5440 | #33-5553 | #34-5267 | #35-5464 | #36-5399 | #37-5689 | #38-5289 | #39-5650 | #40-5495  |
| #41-5489                     | #42-5460 | #43-5566 | #44-5375 | #45-5279 | #46-5335 | #47-5404 | #48-5561 | #49-5498 | #50-5333  |
| #51-5664                     | #52-5630 | #53-5701 | #54-5371 | #55-5340 | #56-5374 | #57-5573 | #58-5422 | #59-5497 | #60-5304  |
| #61-5678                     | #62-5339 | #63-5426 | #64-5325 | #65-5673 | #66-5671 | #67-5530 | #68-5700 | #69-5330 | #70-5584  |
| #71-5705                     | #72-5468 | #73-5485 | #74-5347 | #75-5378 | #76-5571 | #77-5653 | #78-5391 | #79-5644 | #80-5462  |
| #81-5607                     | #82-5266 | #83-5588 | #84-5305 | #85-5722 | #86-5273 | #87-5467 | #88-5435 | #89-5649 | #90-5343  |
| #91-5552                     | #92-5519 | #93-5520 | #94-5598 | #95-5544 | #96-5403 | #97-5287 | #98-5487 | #99-5429 | #100-5331 |

| Type 6 #14 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5532                     | #02-5427 | #03-5476 | #04-5640 | #05-5355 | #06-5445 | #07-5390 | #08-5603 | #09-5720 | #10-5496  |
| #11-5441                     | #12-5430 | #13-5498 | #14-5283 | #15-5420 | #16-5658 | #17-5478 | #18-5363 | #19-5328 | #20-5649  |
| #21-5455                     | #22-5342 | #23-5295 | #24-5714 | #25-5277 | #26-5435 | #27-5674 | #28-5615 | #29-5528 | #30-5697  |
| #31-5533                     | #32-5413 | #33-5685 | #34-5564 | #35-5652 | #36-5425 | #37-5517 | #38-5671 | #39-5673 | #40-5525  |
| #41-5605                     | #42-5586 | #43-5434 | #44-5398 | #45-5622 | #46-5366 | #47-5269 | #48-5483 | #49-5418 | #50-5612  |
| #51-5646                     | #52-5644 | #53-5400 | #54-5504 | #55-5600 | #56-5433 | #57-5374 | #58-5485 | #59-5608 | #60-5645  |
| #61-5494                     | #62-5500 | #63-5320 | #64-5270 | #65-5692 | #66-5275 | #67-5468 | #68-5660 | #69-5349 | #70-5718  |
| #71-5383                     | #72-5531 | #73-5409 | #74-5530 | #75-5289 | #76-5588 | #77-5630 | #78-5614 | #79-5335 | #80-5629  |
| #81-5405                     | #82-5438 | #83-5440 | #84-5635 | #85-5297 | #86-5602 | #87-5257 | #88-5424 | #89-5686 | #90-5464  |
| #91-5298                     | #92-5279 | #93-5310 | #94-5274 | #95-5280 | #96-5354 | #97-5515 | #98-5411 | #99-5443 | #100-5594 |

| Type 6 #15 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5625                     | #02-5337 | #03-5378 | #04-5431 | #05-5474 | #06-5367 | #07-5482 | #08-5603 | #09-5464 | #10-5263  |
| #11-5532                     | #12-5491 | #13-5395 | #14-5703 | #15-5486 | #16-5306 | #17-5309 | #18-5414 | #19-5697 | #20-5332  |
| #21-5268                     | #22-5290 | #23-5700 | #24-5616 | #25-5669 | #26-5361 | #27-5471 | #28-5391 | #29-5505 | #30-5658  |
| #31-5328                     | #32-5468 | #33-5430 | #34-5472 | #35-5256 | #36-5326 | #37-5312 | #38-5260 | #39-5419 | #40-5656  |
| #41-5382                     | #42-5385 | #43-5692 | #44-5671 | #45-5660 | #46-5540 | #47-5610 | #48-5336 | #49-5523 | #50-5696  |
| #51-5297                     | #52-5351 | #53-5447 | #54-5359 | #55-5582 | #56-5587 | #57-5366 | #58-5496 | #59-5493 | #60-5365  |
| #61-5626                     | #62-5343 | #63-5355 | #64-5538 | #65-5661 | #66-5313 | #67-5308 | #68-5650 | #69-5695 | #70-5415  |
| #71-5721                     | #72-5296 | #73-5724 | #74-5289 | #75-5678 | #76-5609 | #77-5324 | #78-5278 | #79-5677 | #80-5394  |
| #81-5483                     | #82-5396 | #83-5595 | #84-5534 | #85-5611 | #86-5707 | #87-5273 | #88-5325 | #89-5613 | #90-5406  |
| #91-5686                     | #92-5551 | #93-5507 | #94-5301 | #95-5281 | #96-5286 | #97-5277 | #98-5423 | #99-5259 | #100-5597 |

| Type 6 #16 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5474                     | #02-5683 | #03-5362 | #04-5358 | #05-5700 | #06-5723 | #07-5347 | #08-5401 | #09-5402 | #10-5691  |
| #11-5513                     | #12-5330 | #13-5535 | #14-5349 | #15-5611 | #16-5488 | #17-5469 | #18-5550 | #19-5643 | #20-5676  |
| #21-5287                     | #22-5712 | #23-5285 | #24-5548 | #25-5444 | #26-5423 | #27-5523 | #28-5669 | #29-5258 | #30-5639  |
| #31-5582                     | #32-5633 | #33-5268 | #34-5329 | #35-5631 | #36-5515 | #37-5273 | #38-5485 | #39-5553 | #40-5609  |
| #41-5603                     | #42-5595 | #43-5646 | #44-5645 | #45-5604 | #46-5600 | #47-5262 | #48-5396 | #49-5412 | #50-5514  |
| #51-5538                     | #52-5450 | #53-5487 | #54-5306 | #55-5557 | #56-5481 | #57-5648 | #58-5533 | #59-5637 | #60-5521  |
| #61-5442                     | #62-5395 | #63-5386 | #64-5477 | #65-5355 | #66-5598 | #67-5311 | #68-5448 | #69-5434 | #70-5341  |
| #71-5461                     | #72-5708 | #73-5720 | #74-5281 | #75-5320 | #76-5413 | #77-5314 | #78-5366 | #79-5665 | #80-5564  |
| #81-5408                     | #82-5373 | #83-5506 | #84-5464 | #85-5346 | #86-5377 | #87-5392 | #88-5688 | #89-5498 | #90-5397  |
| #91-5594                     | #92-5458 | #93-5573 | #94-5274 | #95-5414 | #96-5454 | #97-5456 | #98-5411 | #99-5541 | #100-5255 |

| Type 6 #17 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5542                     | #02-5533 | #03-5684 | #04-5317 | #05-5303 | #06-5560 | #07-5457 | #08-5458 | #09-5709 | #10-5392  |
| #11-5420                     | #12-5529 | #13-5599 | #14-5325 | #15-5366 | #16-5324 | #17-5619 | #18-5651 | #19-5383 | #20-5704  |
| #21-5455                     | #22-5350 | #23-5680 | #24-5289 | #25-5476 | #26-5255 | #27-5387 | #28-5694 | #29-5594 | #30-5591  |
| #31-5682                     | #32-5627 | #33-5552 | #34-5656 | #35-5271 | #36-5598 | #37-5413 | #38-5439 | #39-5411 | #40-5514  |
| #41-5644                     | #42-5660 | #43-5702 | #44-5352 | #45-5701 | #46-5314 | #47-5581 | #48-5494 | #49-5630 | #50-5336  |
| #51-5557                     | #52-5525 | #53-5278 | #54-5553 | #55-5520 | #56-5438 | #57-5575 | #58-5641 | #59-5565 | #60-5296  |
| #61-5421                     | #62-5484 | #63-5586 | #64-5364 | #65-5431 | #66-5511 | #67-5699 | #68-5665 | #69-5300 | #70-5487  |
| #71-5634                     | #72-5424 | #73-5483 | #74-5589 | #75-5307 | #76-5515 | #77-5370 | #78-5574 | #79-5311 | #80-5404  |
| #81-5390                     | #82-5613 | #83-5309 | #84-5503 | #85-5277 | #86-5400 | #87-5601 | #88-5722 | #89-5378 | #90-5551  |
| #91-5269                     | #92-5492 | #93-5600 | #94-5360 | #95-5341 | #96-5406 | #97-5321 | #98-5585 | #99-5646 | #100-5435 |

| Type 6 #18 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5341                     | #02-5645 | #03-5443 | #04-5391 | #05-5426 | #06-5383 | #07-5291 | #08-5414 | #09-5500 | #10-5255  |
| #11-5318                     | #12-5250 | #13-5582 | #14-5412 | #15-5631 | #16-5537 | #17-5430 | #18-5332 | #19-5337 | #20-5282  |
| #21-5646                     | #22-5703 | #23-5538 | #24-5476 | #25-5473 | #26-5392 | #27-5559 | #28-5375 | #29-5505 | #30-5629  |
| #31-5453                     | #32-5516 | #33-5662 | #34-5605 | #35-5316 | #36-5477 | #37-5422 | #38-5649 | #39-5330 | #40-5623  |
| #41-5361                     | #42-5440 | #43-5481 | #44-5377 | #45-5493 | #46-5271 | #47-5644 | #48-5442 | #49-5464 | #50-5540  |
| #51-5707                     | #52-5716 | #53-5507 | #54-5613 | #55-5522 | #56-5362 | #57-5359 | #58-5696 | #59-5651 | #60-5286  |
| #61-5558                     | #62-5642 | #63-5638 | #64-5594 | #65-5533 | #66-5532 | #67-5313 | #68-5701 | #69-5340 | #70-5405  |
| #71-5364                     | #72-5510 | #73-5251 | #74-5439 | #75-5652 | #76-5459 | #77-5482 | #78-5407 | #79-5711 | #80-5449  |
| #81-5475                     | #82-5366 | #83-5641 | #84-5692 | #85-5653 | #86-5460 | #87-5261 | #88-5295 | #89-5334 | #90-5680  |
| #91-5358                     | #92-5452 | #93-5723 | #94-5293 | #95-5315 | #96-5446 | #97-5530 | #98-5604 | #99-5574 | #100-5682 |

| Type 6 #19 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5680                     | #02-5663 | #03-5345 | #04-5302 | #05-5418 | #06-5449 | #07-5715 | #08-5312 | #09-5690 | #10-5309  |
| #11-5608                     | #12-5676 | #13-5710 | #14-5450 | #15-5536 | #16-5435 | #17-5251 | #18-5667 | #19-5669 | #20-5324  |
| #21-5518                     | #22-5270 | #23-5612 | #24-5388 | #25-5293 | #26-5636 | #27-5507 | #28-5679 | #29-5371 | #30-5455  |
| #31-5653                     | #32-5593 | #33-5559 | #34-5278 | #35-5490 | #36-5531 | #37-5272 | #38-5584 | #39-5522 | #40-5446  |
| #41-5467                     | #42-5671 | #43-5332 | #44-5276 | #45-5321 | #46-5408 | #47-5464 | #48-5523 | #49-5482 | #50-5605  |
| #51-5439                     | #52-5577 | #53-5655 | #54-5496 | #55-5409 | #56-5657 | #57-5299 | #58-5684 | #59-5259 | #60-5502  |
| #61-5660                     | #62-5285 | #63-5664 | #64-5485 | #65-5376 | #66-5262 | #67-5366 | #68-5685 | #69-5683 | #70-5254  |
| #71-5414                     | #72-5390 | #73-5396 | #74-5474 | #75-5578 | #76-5570 | #77-5659 | #78-5587 | #79-5322 | #80-5607  |
| #81-5425                     | #82-5712 | #83-5447 | #84-5488 | #85-5263 | #86-5334 | #87-5658 | #88-5318 | #89-5589 | #90-5555  |
| #91-5483                     | #92-5316 | #93-5574 | #94-5274 | #95-5511 | #96-5432 | #97-5256 | #98-5566 | #99-5623 | #100-5310 |

| Type 6 #20 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5292                     | #02-5506 | #03-5565 | #04-5476 | #05-5441 | #06-5302 | #07-5432 | #08-5435 | #09-5643 | #10-5566  |
| #11-5719                     | #12-5434 | #13-5614 | #14-5371 | #15-5325 | #16-5678 | #17-5559 | #18-5426 | #19-5475 | #20-5294  |
| #21-5322                     | #22-5300 | #23-5342 | #24-5376 | #25-5498 | #26-5351 | #27-5539 | #28-5375 | #29-5689 | #30-5397  |
| #31-5570                     | #32-5347 | #33-5690 | #34-5261 | #35-5573 | #36-5647 | #37-5399 | #38-5698 | #39-5295 | #40-5684  |
| #41-5623                     | #42-5482 | #43-5400 | #44-5275 | #45-5564 | #46-5299 | #47-5428 | #48-5459 | #49-5670 | #50-5557  |
| #51-5601                     | #52-5552 | #53-5344 | #54-5583 | #55-5709 | #56-5716 | #57-5415 | #58-5444 | #59-5706 | #60-5340  |
| #61-5493                     | #62-5309 | #63-5473 | #64-5501 | #65-5723 | #66-5624 | #67-5471 | #68-5602 | #69-5529 | #70-5404  |
| #71-5531                     | #72-5590 | #73-5381 | #74-5516 | #75-5394 | #76-5571 | #77-5630 | #78-5312 | #79-5536 | #80-5447  |
| #81-5650                     | #82-5329 | #83-5425 | #84-5379 | #85-5522 | #86-5260 | #87-5252 | #88-5359 | #89-5277 | #90-5582  |
| #91-5484                     | #92-5680 | #93-5713 | #94-5675 | #95-5446 | #96-5567 | #97-5257 | #98-5628 | #99-5278 | #100-5663 |

| Type 6 #21 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5552                     | #02-5549 | #03-5650 | #04-5514 | #05-5275 | #06-5260 | #07-5419 | #08-5554 | #09-5431 | #10-5389  |
| #11-5339                     | #12-5352 | #13-5630 | #14-5511 | #15-5418 | #16-5410 | #17-5607 | #18-5340 | #19-5701 | #20-5711  |
| #21-5620                     | #22-5362 | #23-5572 | #24-5678 | #25-5649 | #26-5574 | #27-5597 | #28-5428 | #29-5318 | #30-5557  |
| #31-5559                     | #32-5251 | #33-5285 | #34-5596 | #35-5619 | #36-5348 | #37-5405 | #38-5638 | #39-5355 | #40-5507  |
| #41-5567                     | #42-5425 | #43-5656 | #44-5613 | #45-5484 | #46-5377 | #47-5301 | #48-5453 | #49-5506 | #50-5283  |
| #51-5686                     | #52-5644 | #53-5653 | #54-5293 | #55-5295 | #56-5441 | #57-5705 | #58-5697 | #59-5588 | #60-5426  |
| #61-5385                     | #62-5717 | #63-5479 | #64-5595 | #65-5548 | #66-5334 | #67-5315 | #68-5280 | #69-5617 | #70-5320  |
| #71-5254                     | #72-5693 | #73-5710 | #74-5442 | #75-5393 | #76-5448 | #77-5437 | #78-5681 | #79-5443 | #80-5519  |
| #81-5521                     | #82-5394 | #83-5642 | #84-5287 | #85-5598 | #86-5641 | #87-5325 | #88-5718 | #89-5544 | #90-5429  |
| #91-5369                     | #92-5435 | #93-5296 | #94-5657 | #95-5373 | #96-5575 | #97-5667 | #98-5305 | #99-5309 | #100-5400 |

| Type 6 #22 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5312                     | #02-5270 | #03-5560 | #04-5441 | #05-5280 | #06-5714 | #07-5657 | #08-5462 | #09-5625 | #10-5573  |
| #11-5255                     | #12-5273 | #13-5507 | #14-5323 | #15-5629 | #16-5716 | #17-5325 | #18-5445 | #19-5723 | #20-5637  |
| #21-5262                     | #22-5329 | #23-5456 | #24-5438 | #25-5674 | #26-5544 | #27-5647 | #28-5307 | #29-5318 | #30-5539  |
| #31-5503                     | #32-5382 | #33-5622 | #34-5292 | #35-5460 | #36-5502 | #37-5562 | #38-5453 | #39-5258 | #40-5609  |
| #41-5708                     | #42-5588 | #43-5346 | #44-5700 | #45-5422 | #46-5352 | #47-5651 | #48-5697 | #49-5278 | #50-5386  |
| #51-5506                     | #52-5474 | #53-5308 | #54-5397 | #55-5391 | #56-5710 | #57-5540 | #58-5373 | #59-5492 | #60-5463  |
| #61-5319                     | #62-5601 | #63-5400 | #64-5339 | #65-5324 | #66-5600 | #67-5376 | #68-5472 | #69-5587 | #70-5380  |
| #71-5410                     | #72-5595 | #73-5439 | #74-5366 | #75-5655 | #76-5403 | #77-5706 | #78-5483 | #79-5266 | #80-5578  |
| #81-5619                     | #82-5673 | #83-5283 | #84-5659 | #85-5288 | #86-5284 | #87-5332 | #88-5486 | #89-5627 | #90-5478  |
| #91-5686                     | #92-5443 | #93-5685 | #94-5526 | #95-5546 | #96-5362 | #97-5446 | #98-5254 | #99-5633 | #100-5551 |

| Type 6 #23 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5700                     | #02-5434 | #03-5362 | #04-5623 | #05-5702 | #06-5635 | #07-5284 | #08-5666 | #09-5465 | #10-5715  |
| #11-5252                     | #12-5313 | #13-5355 | #14-5637 | #15-5563 | #16-5368 | #17-5568 | #18-5463 | #19-5299 | #20-5289  |
| #21-5524                     | #22-5615 | #23-5562 | #24-5366 | #25-5415 | #26-5689 | #27-5629 | #28-5638 | #29-5541 | #30-5540  |
| #31-5678                     | #32-5703 | #33-5566 | #34-5439 | #35-5597 | #36-5430 | #37-5555 | #38-5380 | #39-5677 | #40-5373  |
| #41-5721                     | #42-5381 | #43-5262 | #44-5632 | #45-5467 | #46-5618 | #47-5331 | #48-5297 | #49-5681 | #50-5424  |
| #51-5508                     | #52-5701 | #53-5676 | #54-5587 | #55-5272 | #56-5332 | #57-5588 | #58-5722 | #59-5455 | #60-5261  |
| #61-5255                     | #62-5372 | #63-5374 | #64-5644 | #65-5286 | #66-5276 | #67-5469 | #68-5633 | #69-5291 | #70-5386  |
| #71-5526                     | #72-5441 | #73-5506 | #74-5648 | #75-5296 | #76-5396 | #77-5600 | #78-5652 | #79-5613 | #80-5511  |
| #81-5599                     | #82-5575 | #83-5679 | #84-5364 | #85-5281 | #86-5698 | #87-5271 | #88-5697 | #89-5418 | #90-5513  |
| #91-5556                     | #92-5554 | #93-5643 | #94-5663 | #95-5367 | #96-5590 | #97-5259 | #98-5341 | #99-5592 | #100-5443 |

| Type 6 #24 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5405                     | #02-5421 | #03-5260 | #04-5552 | #05-5622 | #06-5323 | #07-5445 | #08-5282 | #09-5551 | #10-5606  |
| #11-5454                     | #12-5666 | #13-5350 | #14-5669 | #15-5379 | #16-5397 | #17-5417 | #18-5255 | #19-5616 | #20-5309  |
| #21-5254                     | #22-5495 | #23-5472 | #24-5498 | #25-5544 | #26-5692 | #27-5519 | #28-5569 | #29-5531 | #30-5419  |
| #31-5383                     | #32-5515 | #33-5303 | #34-5430 | #35-5360 | #36-5439 | #37-5576 | #38-5377 | #39-5475 | #40-5685  |
| #41-5510                     | #42-5714 | #43-5400 | #44-5543 | #45-5315 | #46-5628 | #47-5466 | #48-5704 | #49-5541 | #50-5697  |
| #51-5433                     | #52-5253 | #53-5453 | #54-5546 | #55-5440 | #56-5641 | #57-5677 | #58-5492 | #59-5262 | #60-5655  |
| #61-5534                     | #62-5604 | #63-5478 | #64-5376 | #65-5471 | #66-5664 | #67-5613 | #68-5648 | #69-5562 | #70-5670  |
| #71-5554                     | #72-5287 | #73-5508 | #74-5657 | #75-5526 | #76-5268 | #77-5338 | #78-5654 | #79-5424 | #80-5642  |
| #81-5474                     | #82-5538 | #83-5279 | #84-5563 | #85-5712 | #86-5372 | #87-5312 | #88-5485 | #89-5716 | #90-5442  |
| #91-5483                     | #92-5328 | #93-5363 | #94-5542 | #95-5395 | #96-5630 | #97-5486 | #98-5271 | #99-5318 | #100-5371 |

| Type 6 #25 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5261                     | #02-5542 | #03-5395 | #04-5596 | #05-5396 | #06-5397 | #07-5470 | #08-5519 | #09-5264 | #10-5425  |
| #11-5550                     | #12-5273 | #13-5314 | #14-5343 | #15-5431 | #16-5718 | #17-5577 | #18-5645 | #19-5398 | #20-5341  |
| #21-5604                     | #22-5375 | #23-5660 | #24-5363 | #25-5437 | #26-5476 | #27-5646 | #28-5694 | #29-5508 | #30-5623  |
| #31-5504                     | #32-5321 | #33-5587 | #34-5300 | #35-5632 | #36-5662 | #37-5392 | #38-5410 | #39-5415 | #40-5565  |
| #41-5637                     | #42-5520 | #43-5473 | #44-5541 | #45-5624 | #46-5463 | #47-5266 | #48-5277 | #49-5361 | #50-5409  |
| #51-5305                     | #52-5570 | #53-5600 | #54-5704 | #55-5500 | #56-5613 | #57-5610 | #58-5283 | #59-5414 | #60-5653  |
| #61-5479                     | #62-5501 | #63-5262 | #64-5366 | #65-5649 | #66-5477 | #67-5412 | #68-5260 | #69-5440 | #70-5495  |
| #71-5578                     | #72-5419 | #73-5484 | #74-5559 | #75-5432 | #76-5331 | #77-5633 | #78-5365 | #79-5466 | #80-5697  |
| #81-5457                     | #82-5620 | #83-5583 | #84-5345 | #85-5568 | #86-5668 | #87-5449 | #88-5611 | #89-5529 | #90-5270  |
| #91-5301                     | #92-5357 | #93-5721 | #94-5492 | #95-5335 | #96-5383 | #97-5512 | #98-5353 | #99-5627 | #100-5394 |

| Type 6 #26 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5303                     | #02-5254 | #03-5565 | #04-5595 | #05-5557 | #06-5615 | #07-5338 | #08-5292 | #09-5522 | #10-5418  |
| #11-5708                     | #12-5491 | #13-5543 | #14-5442 | #15-5443 | #16-5586 | #17-5646 | #18-5640 | #19-5523 | #20-5709  |
| #21-5276                     | #22-5525 | #23-5458 | #24-5414 | #25-5439 | #26-5464 | #27-5417 | #28-5717 | #29-5468 | #30-5294  |
| #31-5552                     | #32-5520 | #33-5471 | #34-5317 | #35-5643 | #36-5449 | #37-5302 | #38-5710 | #39-5513 | #40-5677  |
| #41-5575                     | #42-5401 | #43-5334 | #44-5358 | #45-5284 | #46-5536 | #47-5544 | #48-5529 | #49-5296 | #50-5477  |
| #51-5463                     | #52-5596 | #53-5560 | #54-5638 | #55-5368 | #56-5500 | #57-5516 | #58-5392 | #59-5398 | #60-5342  |
| #61-5440                     | #62-5345 | #63-5553 | #64-5479 | #65-5598 | #66-5431 | #67-5268 | #68-5478 | #69-5531 | #70-5716  |
| #71-5537                     | #72-5662 | #73-5371 | #74-5579 | #75-5381 | #76-5603 | #77-5435 | #78-5349 | #79-5377 | #80-5636  |
| #81-5653                     | #82-5622 | #83-5674 | #84-5718 | #85-5558 | #86-5686 | #87-5691 | #88-5562 | #89-5671 | #90-5383  |
| #91-5658                     | #92-5629 | #93-5556 | #94-5412 | #95-5480 | #96-5472 | #97-5585 | #98-5583 | #99-5488 | #100-5576 |

| Type 6 #27 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5514                     | #02-5315 | #03-5251 | #04-5305 | #05-5670 | #06-5531 | #07-5466 | #08-5708 | #09-5501 | #10-5499  |
| #11-5310                     | #12-5416 | #13-5266 | #14-5495 | #15-5421 | #16-5554 | #17-5399 | #18-5560 | #19-5649 | #20-5630  |
| #21-5470                     | #22-5435 | #23-5532 | #24-5384 | #25-5308 | #26-5628 | #27-5351 | #28-5679 | #29-5339 | #30-5633  |
| #31-5260                     | #32-5586 | #33-5584 | #34-5534 | #35-5368 | #36-5585 | #37-5617 | #38-5616 | #39-5296 | #40-5274  |
| #41-5468                     | #42-5709 | #43-5309 | #44-5422 | #45-5332 | #46-5491 | #47-5614 | #48-5314 | #49-5252 | #50-5659  |
| #51-5333                     | #52-5279 | #53-5661 | #54-5590 | #55-5359 | #56-5334 | #57-5513 | #58-5593 | #59-5722 | #60-5292  |
| #61-5432                     | #62-5516 | #63-5622 | #64-5596 | #65-5488 | #66-5451 | #67-5559 | #68-5459 | #69-5380 | #70-5565  |
| #71-5664                     | #72-5509 | #73-5510 | #74-5629 | #75-5409 | #76-5485 | #77-5377 | #78-5360 | #79-5304 | #80-5544  |
| #81-5264                     | #82-5289 | #83-5682 | #84-5408 | #85-5557 | #86-5707 | #87-5653 | #88-5719 | #89-5428 | #90-5288  |
| #91-5326                     | #92-5276 | #93-5621 | #94-5255 | #95-5571 | #96-5684 | #97-5345 | #98-5442 | #99-5658 | #100-5605 |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

| Type 6 #28 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5658                     | #02-5403 | #03-5659 | #04-5413 | #05-5721 | #06-5543 | #07-5492 | #08-5283 | #09-5427 | #10-5591  |
| #11-5676                     | #12-5399 | #13-5533 | #14-5430 | #15-5277 | #16-5387 | #17-5562 | #18-5462 | #19-5291 | #20-5507  |
| #21-5526                     | #22-5565 | #23-5281 | #24-5338 | #25-5490 | #26-5635 | #27-5615 | #28-5504 | #29-5306 | #30-5454  |
| #31-5397                     | #32-5665 | #33-5425 | #34-5426 | #35-5609 | #36-5586 | #37-5352 | #38-5514 | #39-5408 | #40-5258  |
| #41-5466                     | #42-5619 | #43-5545 | #44-5563 | #45-5334 | #46-5646 | #47-5465 | #48-5439 | #49-5703 | #50-5428  |
| #51-5365                     | #52-5603 | #53-5392 | #54-5394 | #55-5325 | #56-5342 | #57-5369 | #58-5574 | #59-5650 | #60-5332  |
| #61-5657                     | #62-5714 | #63-5702 | #64-5696 | #65-5444 | #66-5262 | #67-5700 | #68-5356 | #69-5548 | #70-5417  |
| #71-5285                     | #72-5298 | #73-5301 | #74-5279 | #75-5294 | #76-5634 | #77-5270 | #78-5452 | #79-5251 | #80-5576  |
| #81-5423                     | #82-5433 | #83-5531 | #84-5605 | #85-5339 | #86-5527 | #87-5519 | #88-5276 | #89-5351 | #90-5518  |
| #91-5471                     | #92-5513 | #93-5596 | #94-5324 | #95-5330 | #96-5482 | #97-5643 | #98-5577 | #99-5372 | #100-5323 |

| Type 6 #29 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5668                     | #02-5356 | #03-5616 | #04-5532 | #05-5392 | #06-5319 | #07-5550 | #08-5366 | #09-5355 | #10-5420  |
| #11-5321                     | #12-5650 | #13-5569 | #14-5325 | #15-5642 | #16-5479 | #17-5438 | #18-5350 | #19-5610 | #20-5645  |
| #21-5473                     | #22-5675 | #23-5259 | #24-5282 | #25-5682 | #26-5501 | #27-5433 | #28-5703 | #29-5678 | #30-5542  |
| #31-5720                     | #32-5426 | #33-5327 | #34-5652 | #35-5624 | #36-5310 | #37-5531 | #38-5718 | #39-5458 | #40-5266  |
| #41-5697                     | #42-5399 | #43-5641 | #44-5651 | #45-5442 | #46-5535 | #47-5663 | #48-5512 | #49-5405 | #50-5572  |
| #51-5287                     | #52-5534 | #53-5684 | #54-5448 | #55-5574 | #56-5721 | #57-5343 | #58-5580 | #59-5575 | #60-5611  |
| #61-5605                     | #62-5565 | #63-5409 | #64-5528 | #65-5417 | #66-5615 | #67-5564 | #68-5635 | #69-5416 | #70-5571  |
| #71-5667                     | #72-5436 | #73-5608 | #74-5587 | #75-5670 | #76-5317 | #77-5274 | #78-5328 | #79-5555 | #80-5385  |
| #81-5549                     | #82-5637 | #83-5530 | #84-5347 | #85-5494 | #86-5427 | #87-5462 | #88-5597 | #89-5320 | #90-5628  |
| #91-5693                     | #92-5674 | #93-5382 | #94-5557 | #95-5372 | #96-5368 | #97-5709 | #98-5352 | #99-5474 | #100-5537 |

| Type 6 #30 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5691                     | #02-5275 | #03-5343 | #04-5554 | #05-5630 | #06-5571 | #07-5646 | #08-5340 | #09-5502 | #10-5500  |
| #11-5694                     | #12-5264 | #13-5268 | #14-5436 | #15-5307 | #16-5696 | #17-5281 | #18-5315 | #19-5286 | #20-5715  |
| #21-5404                     | #22-5690 | #23-5563 | #24-5515 | #25-5610 | #26-5719 | #27-5303 | #28-5301 | #29-5464 | #30-5544  |
| #31-5344                     | #32-5641 | #33-5575 | #34-5269 | #35-5426 | #36-5533 | #37-5548 | #38-5713 | #39-5446 | #40-5656  |
| #41-5509                     | #42-5379 | #43-5353 | #44-5547 | #45-5662 | #46-5674 | #47-5653 | #48-5676 | #49-5506 | #50-5408  |
| #51-5348                     | #52-5642 | #53-5327 | #54-5486 | #55-5395 | #56-5723 | #57-5435 | #58-5550 | #59-5664 | #60-5629  |
| #61-5516                     | #62-5593 | #63-5597 | #64-5680 | #65-5411 | #66-5300 | #67-5414 | #68-5724 | #69-5259 | #70-5491  |
| #71-5393                     | #72-5290 | #73-5587 | #74-5354 | #75-5453 | #76-5274 | #77-5591 | #78-5263 | #79-5574 | #80-5655  |
| #81-5317                     | #82-5352 | #83-5510 | #84-5309 | #85-5450 | #86-5419 | #87-5566 | #88-5337 | #89-5598 | #90-5429  |
| #91-5355                     | #92-5721 | #93-5297 | #94-5532 | #95-5389 | #96-5635 | #97-5496 | #98-5392 | #99-5386 | #100-5611 |

Type 5 #1 5499 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 17              | 442245  | 77                    | 1619    | 1358    | 411689  | 857142                    |
| 2             | 2                | 17              | 202328  | 54                    | 1265    | 0       | 653441  | 857142                    |
| 3             | 3                | 17              | 493331  | 71                    | 1816    | 1687    | 360095  | 857142                    |
| 4             | 1                | 17              | 446421  | 50                    | 0       | 0       | 410671  | 857142                    |
| 5             | 2                | 17              | 18108   | 100                   | 1908    | 0       | 836926  | 857142                    |
| 6             | 3                | 17              | 13142   | 87                    | 1327    | 1605    | 840807  | 857142                    |
| 7             | 2                | 17              | 423456  | 56                    | 1515    | 0       | 432059  | 857142                    |
| 8             | 1                | 17              | 502989  | 90                    | 0       | 0       | 354063  | 857142                    |
| 9             | 1                | 17              | 855080  | 64                    | 0       | 0       | 1998    | 857142                    |
| 10            | 1                | 17              | 157626  | 100                   | 0       | 0       | 699416  | 857142                    |
| 11            | 2                | 17              | 167823  | 73                    | 1416    | 0       | 687757  | 857142                    |
| 12            | 1                | 17              | 611242  | 72                    | 0       | 0       | 245828  | 857142                    |
| 13            | 1                | 17              | 543928  | 70                    | 0       | 0       | 313144  | 857142                    |
| 14            | 3                | 17              | 255449  | 83                    | 1110    | 1220    | 599114  | 857142                    |

Type 5 #2 5496 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 9               | 798428  | 71                    | 1076    | 1051    | 199232  | 1000000                   |
| 2             | 1                | 9               | 770079  | 81                    | 0       | 0       | 229840  | 1000000                   |
| 3             | 1                | 9               | 222770  | 92                    | 0       | 0       | 777138  | 1000000                   |
| 4             | 3                | 9               | 375848  | 54                    | 1918    | 1783    | 620289  | 1000000                   |
| 5             | 1                | 9               | 632919  | 98                    | 0       | 0       | 366983  | 1000000                   |
| 6             | 3                | 9               | 957108  | 89                    | 1770    | 1688    | 39167   | 1000000                   |
| 7             | 2                | 9               | 487505  | 100                   | 1077    | 0       | 511218  | 1000000                   |
| 8             | 3                | 9               | 374587  | 68                    | 1492    | 1800    | 621917  | 1000000                   |
| 9             | 1                | 9               | 513309  | 54                    | 0       | 0       | 486637  | 1000000                   |
| 10            | 1                | 9               | 434416  | 62                    | 0       | 0       | 565522  | 1000000                   |
| 11            | 1                | 9               | 583246  | 65                    | 0       | 0       | 416689  | 1000000                   |
| 12            | 3                | 9               | 222211  | 59                    | 1757    | 1095    | 774760  | 1000000                   |

Type 5 #3 5565 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 8               | 588899  | 88                    | 0       | 0       | 211013  | 800000                    |
| 2             | 1                | 8               | 787089  | 86                    | 0       | 0       | 12825   | 800000                    |
| 3             | 2                | 8               | 265796  | 50                    | 1091    | 0       | 533013  | 800000                    |
| 4             | 1                | 8               | 355497  | 78                    | 0       | 0       | 444425  | 800000                    |
| 5             | 1                | 8               | 307528  | 88                    | 0       | 0       | 492384  | 800000                    |
| 6             | 2                | 8               | 590508  | 55                    | 1573    | 0       | 207809  | 800000                    |
| 7             | 3                | 8               | 284683  | 63                    | 1663    | 1413    | 512052  | 800000                    |
| 8             | 2                | 8               | 11690   | 91                    | 1362    | 0       | 786766  | 800000                    |
| 9             | 2                | 8               | 171162  | 70                    | 1499    | 0       | 627199  | 800000                    |
| 10            | 1                | 8               | 716161  | 99                    | 0       | 0       | 83740   | 800000                    |
| 11            | 3                | 8               | 74352   | 66                    | 1663    | 1603    | 722184  | 800000                    |
| 12            | 3                | 8               | 520683  | 97                    | 1806    | 1734    | 275486  | 800000                    |
| 13            | 1                | 8               | 124629  | 64                    | 0       | 0       | 675307  | 800000                    |
| 14            | 1                | 8               | 589121  | 51                    | 0       | 0       | 210828  | 800000                    |
| 15            | 2                | 8               | 415528  | 76                    | 1757    | 0       | 382563  | 800000                    |

Type 5 #4 5564 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 9               | 1171676 | 74                    | 0       | 0       | 28250   | 1200000                   |
| 2             | 2                | 9               | 1122668 | 80                    | 1060    | 0       | 76112   | 1200000                   |
| 3             | 2                | 9               | 1030036 | 79                    | 1002    | 0       | 168804  | 1200000                   |
| 4             | 2                | 9               | 872465  | 79                    | 1109    | 0       | 326268  | 1200000                   |
| 5             | 3                | 9               | 286726  | 56                    | 1989    | 1356    | 909761  | 1200000                   |
| 6             | 2                | 9               | 290198  | 81                    | 1082    | 0       | 908558  | 1200000                   |
| 7             | 2                | 9               | 593436  | 58                    | 1636    | 0       | 604812  | 1200000                   |
| 8             | 1                | 9               | 263001  | 58                    | 0       | 0       | 936941  | 1200000                   |
| 9             | 2                | 9               | 333365  | 63                    | 1192    | 0       | 865317  | 1200000                   |
| 10            | 3                | 9               | 318510  | 76                    | 1128    | 1195    | 878939  | 1200000                   |

Type 5 #5 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 7               | 29327   | 65                    | 0       | 0       | 1303941 | 1333333                   |
| 2             | 3                | 7               | 543405  | 99                    | 1094    | 1694    | 786843  | 1333333                   |
| 3             | 2                | 7               | 559157  | 58                    | 1363    | 0       | 772697  | 1333333                   |
| 4             | 3                | 7               | 1265804 | 74                    | 1178    | 1636    | 64493   | 1333333                   |
| 5             | 1                | 7               | 585353  | 88                    | 0       | 0       | 747892  | 1333333                   |
| 6             | 2                | 7               | 120185  | 97                    | 1467    | 0       | 1211487 | 1333333                   |
| 7             | 1                | 7               | 438942  | 68                    | 0       | 0       | 894323  | 1333333                   |
| 8             | 1                | 7               | 262920  | 94                    | 0       | 0       | 1070319 | 1333333                   |
| 9             | 2                | 7               | 627828  | 64                    | 1097    | 0       | 704280  | 1333333                   |

Type 5 #6 5499 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 128839  | 54                    | 1865    | 1640    | 467494  | 600000                    |
| 2             | 1                | 18              | 350642  | 77                    | 0       | 0       | 249281  | 600000                    |
| 3             | 2                | 18              | 429748  | 52                    | 1628    | 0       | 168520  | 600000                    |
| 4             | 1                | 18              | 20753   | 50                    | 0       | 0       | 579197  | 600000                    |
| 5             | 1                | 18              | 165235  | 78                    | 0       | 0       | 434687  | 600000                    |
| 6             | 2                | 18              | 364136  | 68                    | 1838    | 0       | 233890  | 600000                    |
| 7             | 2                | 18              | 574929  | 78                    | 1471    | 0       | 23444   | 600000                    |
| 8             | 2                | 18              | 432561  | 77                    | 1002    | 0       | 166283  | 600000                    |
| 9             | 1                | 18              | 192849  | 55                    | 0       | 0       | 407096  | 600000                    |
| 10            | 2                | 18              | 281698  | 81                    | 1972    | 0       | 316168  | 600000                    |
| 11            | 1                | 18              | 88908   | 88                    | 0       | 0       | 511004  | 600000                    |
| 12            | 1                | 18              | 177232  | 90                    | 0       | 0       | 422678  | 600000                    |
| 13            | 3                | 18              | 365154  | 91                    | 1239    | 1285    | 232049  | 600000                    |
| 14            | 2                | 18              | 598004  | 58                    | 1454    | 0       | 426     | 600000                    |
| 15            | 1                | 18              | 429826  | 50                    | 0       | 0       | 170124  | 600000                    |
| 16            | 1                | 18              | 554238  | 64                    | 0       | 0       | 45698   | 600000                    |
| 17            | 1                | 18              | 397882  | 61                    | 0       | 0       | 202057  | 600000                    |
| 18            | 2                | 18              | 511976  | 56                    | 1367    | 0       | 86545   | 600000                    |
| 19            | 1                | 18              | 472988  | 71                    | 0       | 0       | 126941  | 600000                    |
| 20            | 1                | 18              | 114062  | 66                    | 0       | 0       | 485872  | 600000                    |

Type 5 #7 5565 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 7               | 106996  | 75                    | 0       | 0       | 692929  | 800000                    |
| 2             | 2                | 7               | 689810  | 75                    | 1039    | 0       | 109001  | 800000                    |
| 3             | 2                | 7               | 79585   | 94                    | 1667    | 0       | 718560  | 800000                    |
| 4             | 1                | 7               | 800086  | 79                    | 0       | 0       | -165    | 800000                    |
| 5             | 1                | 7               | 30139   | 79                    | 0       | 0       | 769782  | 800000                    |
| 6             | 3                | 7               | 418903  | 60                    | 1956    | 1680    | 377281  | 800000                    |
| 7             | 1                | 7               | 335153  | 93                    | 0       | 0       | 464754  | 800000                    |
| 8             | 2                | 7               | 543914  | 54                    | 1532    | 0       | 254446  | 800000                    |
| 9             | 3                | 7               | 441289  | 96                    | 1950    | 1814    | 354659  | 800000                    |
| 10            | 3                | 7               | 30416   | 96                    | 1473    | 1263    | 766560  | 800000                    |
| 11            | 2                | 7               | 773138  | 64                    | 1760    | 0       | 24974   | 800000                    |
| 12            | 1                | 7               | 611751  | 53                    | 0       | 0       | 188196  | 800000                    |
| 13            | 1                | 7               | 412442  | 89                    | 0       | 0       | 387469  | 800000                    |
| 14            | 1                | 7               | 366961  | 50                    | 0       | 0       | 432989  | 800000                    |
| 15            | 1                | 7               | 794176  | 99                    | 0       | 0       | 5725    | 800000                    |

Type 5 #8 5562 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 15              | 277911  | 94                    | 1300    | 0       | 387267  | 666666                    |
| 2             | 1                | 15              | 383923  | 74                    | 0       | 0       | 282669  | 666666                    |
| 3             | 1                | 15              | 549186  | 53                    | 0       | 0       | 117427  | 666666                    |
| 4             | 2                | 15              | 80152   | 72                    | 1918    | 0       | 584452  | 666666                    |
| 5             | 1                | 15              | 361552  | 65                    | 0       | 0       | 305049  | 666666                    |
| 6             | 2                | 15              | 92035   | 73                    | 1403    | 0       | 573082  | 666666                    |
| 7             | 1                | 15              | 443928  | 76                    | 0       | 0       | 222662  | 666666                    |
| 8             | 1                | 15              | 394258  | 59                    | 0       | 0       | 272349  | 666666                    |
| 9             | 3                | 15              | 18416   | 73                    | 1696    | 1366    | 644969  | 666666                    |
| 10            | 2                | 15              | 292867  | 72                    | 1288    | 0       | 372367  | 666666                    |
| 11            | 1                | 15              | 659641  | 55                    | 0       | 0       | 6970    | 666666                    |
| 12            | 2                | 15              | 328826  | 99                    | 1923    | 0       | 335719  | 666666                    |
| 13            | 3                | 15              | 661527  | 72                    | 1847    | 1078    | 1998    | 666666                    |
| 14            | 2                | 15              | 618726  | 52                    | 1466    | 0       | 46370   | 666666                    |
| 15            | 2                | 15              | 302541  | 61                    | 1868    | 0       | 362135  | 666666                    |
| 16            | 1                | 15              | 181540  | 88                    | 0       | 0       | 485038  | 666666                    |
| 17            | 3                | 15              | 83040   | 55                    | 1144    | 1065    | 581252  | 666666                    |
| 18            | 1                | 15              | 504948  | 75                    | 0       | 0       | 161643  | 666666                    |

Type 5 #9 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 11              | 441112  | 81                    | 1232    | 0       | 307494  | 750000                    |
| 2             | 2                | 11              | 1845    | 99                    | 1763    | 0       | 746194  | 750000                    |
| 3             | 3                | 11              | 165263  | 62                    | 1975    | 1533    | 581043  | 750000                    |
| 4             | 1                | 11              | 630491  | 60                    | 0       | 0       | 119449  | 750000                    |
| 5             | 1                | 11              | 6905    | 89                    | 0       | 0       | 743006  | 750000                    |
| 6             | 3                | 11              | 530675  | 98                    | 1505    | 1710    | 215816  | 750000                    |
| 7             | 3                | 11              | 375407  | 56                    | 1220    | 1158    | 372047  | 750000                    |
| 8             | 2                | 11              | 99180   | 60                    | 1684    | 0       | 649016  | 750000                    |
| 9             | 2                | 11              | 587630  | 80                    | 1962    | 0       | 160248  | 750000                    |
| 10            | 2                | 11              | 35046   | 50                    | 1521    | 0       | 713333  | 750000                    |
| 11            | 2                | 11              | 624862  | 65                    | 1809    | 0       | 123199  | 750000                    |
| 12            | 2                | 11              | 691822  | 61                    | 1570    | 0       | 56486   | 750000                    |
| 13            | 1                | 11              | 213773  | 97                    | 0       | 0       | 536130  | 750000                    |
| 14            | 3                | 11              | 523745  | 51                    | 1817    | 1695    | 222590  | 750000                    |
| 15            | 3                | 11              | 132220  | 76                    | 1530    | 1707    | 614315  | 750000                    |
| 16            | 1                | 11              | 322461  | 91                    | 0       | 0       | 427448  | 750000                    |

Type 5 #10 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 18              | 357136  | 51                    | 1003    | 0       | 841759  | 1200000                   |
| 2             | 2                | 18              | 543619  | 52                    | 1345    | 0       | 654932  | 1200000                   |
| 3             | 3                | 18              | 375992  | 84                    | 1381    | 1762    | 820613  | 1200000                   |
| 4             | 3                | 18              | 122658  | 89                    | 1087    | 1997    | 1073991 | 1200000                   |
| 5             | 1                | 18              | 487716  | 83                    | 0       | 0       | 712201  | 1200000                   |
| 6             | 2                | 18              | 675194  | 60                    | 1426    | 0       | 523260  | 1200000                   |
| 7             | 1                | 18              | 735280  | 54                    | 0       | 0       | 464666  | 1200000                   |
| 8             | 3                | 18              | 571038  | 85                    | 1735    | 1403    | 625569  | 1200000                   |
| 9             | 1                | 18              | 386689  | 92                    | 0       | 0       | 813219  | 1200000                   |
| 10            | 2                | 18              | 219196  | 72                    | 1422    | 0       | 979238  | 1200000                   |

Type 5 #11 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 9               | 1244181 | 67                    | 1649    | 1892    | 252077  | 1500000                   |
| 2             | 3                | 9               | 582446  | 90                    | 1890    | 1767    | 913627  | 1500000                   |
| 3             | 1                | 9               | 78810   | 96                    | 0       | 0       | 1421094 | 1500000                   |
| 4             | 2                | 9               | 400482  | 89                    | 1520    | 0       | 1097820 | 1500000                   |
| 5             | 3                | 9               | 723457  | 67                    | 1874    | 1970    | 772498  | 1500000                   |
| 6             | 1                | 9               | 771209  | 84                    | 0       | 0       | 728707  | 1500000                   |
| 7             | 3                | 9               | 129310  | 98                    | 1303    | 1984    | 1367109 | 1500000                   |
| 8             | 2                | 9               | 54803   | 52                    | 1646    | 0       | 1443447 | 1500000                   |

Type 5 #12 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 18              | 747922  | 67                    | 1230    | 0       | 341623  | 1090909                   |
| 2             | 2                | 18              | 845220  | 52                    | 1041    | 0       | 244544  | 1090909                   |
| 3             | 3                | 18              | 1005818 | 64                    | 1348    | 1676    | 81875   | 1090909                   |
| 4             | 1                | 18              | 925034  | 86                    | 0       | 0       | 165789  | 1090909                   |
| 5             | 3                | 18              | 951640  | 64                    | 1967    | 1855    | 135255  | 1090909                   |
| 6             | 1                | 18              | 852096  | 61                    | 0       | 0       | 238752  | 1090909                   |
| 7             | 3                | 18              | 350475  | 97                    | 1693    | 1665    | 736785  | 1090909                   |
| 8             | 3                | 18              | 1026106 | 86                    | 1191    | 1498    | 61856   | 1090909                   |
| 9             | 2                | 18              | 325110  | 65                    | 1590    | 0       | 764079  | 1090909                   |
| 10            | 2                | 18              | 177458  | 96                    | 1643    | 0       | 911616  | 1090909                   |
| 11            | 2                | 18              | 417314  | 71                    | 1892    | 0       | 671561  | 1090909                   |

Type 5 #13 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 18              | 401441  | 89                    | 0       | 0       | 265136  | 666666                    |
| 2             | 3                | 18              | 349985  | 100                   | 1806    | 1188    | 313387  | 666666                    |
| 3             | 3                | 18              | 176039  | 79                    | 1985    | 1945    | 486460  | 666666                    |
| 4             | 3                | 18              | 317952  | 79                    | 1738    | 1322    | 345417  | 666666                    |
| 5             | 3                | 18              | 624305  | 66                    | 1267    | 1774    | 39122   | 666666                    |
| 6             | 2                | 18              | 299491  | 81                    | 1380    | 0       | 365633  | 666666                    |
| 7             | 1                | 18              | 394630  | 55                    | 0       | 0       | 271981  | 666666                    |
| 8             | 1                | 18              | 68424   | 81                    | 0       | 0       | 598161  | 666666                    |
| 9             | 2                | 18              | 559329  | 88                    | 1637    | 0       | 105524  | 666666                    |
| 10            | 3                | 18              | 156199  | 67                    | 1728    | 1110    | 507428  | 666666                    |
| 11            | 2                | 18              | 634487  | 74                    | 1289    | 0       | 30742   | 666666                    |
| 12            | 3                | 18              | 550566  | 66                    | 1910    | 1591    | 112401  | 666666                    |
| 13            | 3                | 18              | 560541  | 57                    | 1569    | 1136    | 103249  | 666666                    |
| 14            | 1                | 18              | 642380  | 84                    | 0       | 0       | 24202   | 666666                    |
| 15            | 1                | 18              | 479349  | 61                    | 0       | 0       | 187256  | 666666                    |
| 16            | 1                | 18              | 579414  | 83                    | 0       | 0       | 87169   | 666666                    |
| 17            | 1                | 18              | 324250  | 60                    | 0       | 0       | 342356  | 666666                    |
| 18            | 1                | 18              | 540373  | 100                   | 0       | 0       | 126193  | 666666                    |

Type 5 #14 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 5               | 347116  | 81                    | 0       | 0       | 358685  | 705882                    |
| 2             | 1                | 5               | 349960  | 85                    | 0       | 0       | 355837  | 705882                    |
| 3             | 2                | 5               | 173810  | 72                    | 1353    | 0       | 530575  | 705882                    |
| 4             | 1                | 5               | 535263  | 59                    | 0       | 0       | 170560  | 705882                    |
| 5             | 1                | 5               | 372228  | 96                    | 0       | 0       | 333558  | 705882                    |
| 6             | 2                | 5               | 412545  | 79                    | 1433    | 0       | 291746  | 705882                    |
| 7             | 1                | 5               | 386534  | 54                    | 0       | 0       | 319294  | 705882                    |
| 8             | 3                | 5               | 333453  | 98                    | 1255    | 1136    | 369744  | 705882                    |
| 9             | 3                | 5               | 400889  | 85                    | 1550    | 1726    | 301462  | 705882                    |
| 10            | 2                | 5               | 521315  | 91                    | 1132    | 0       | 183253  | 705882                    |
| 11            | 3                | 5               | 652299  | 81                    | 1315    | 1822    | 50203   | 705882                    |
| 12            | 2                | 5               | 288778  | 74                    | 1579    | 0       | 415377  | 705882                    |
| 13            | 2                | 5               | 2158    | 76                    | 1526    | 0       | 702046  | 705882                    |
| 14            | 1                | 5               | 13128   | 84                    | 0       | 0       | 692670  | 705882                    |
| 15            | 1                | 5               | 112463  | 64                    | 0       | 0       | 593355  | 705882                    |
| 16            | 1                | 5               | 137082  | 74                    | 0       | 0       | 568726  | 705882                    |
| 17            | 3                | 5               | 596097  | 52                    | 1766    | 1300    | 106563  | 705882                    |

Type 5 #15 5494 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 5               | 294425  | 83                    | 1405    | 0       | 335582  | 631578                    |
| 2             | 1                | 5               | 574002  | 51                    | 0       | 0       | 57525   | 631578                    |
| 3             | 2                | 5               | 539176  | 78                    | 1145    | 0       | 91101   | 631578                    |
| 4             | 2                | 5               | 484055  | 70                    | 1902    | 0       | 145481  | 631578                    |
| 5             | 2                | 5               | 335156  | 88                    | 1470    | 0       | 294776  | 631578                    |
| 6             | 1                | 5               | 421245  | 55                    | 0       | 0       | 210278  | 631578                    |
| 7             | 1                | 5               | 209907  | 74                    | 0       | 0       | 421597  | 631578                    |
| 8             | 3                | 5               | 184186  | 69                    | 1427    | 1451    | 444307  | 631578                    |
| 9             | 3                | 5               | 246068  | 92                    | 1449    | 1980    | 381805  | 631578                    |
| 10            | 2                | 5               | 138001  | 81                    | 1568    | 0       | 491847  | 631578                    |
| 11            | 1                | 5               | 605798  | 78                    | 0       | 0       | 25702   | 631578                    |
| 12            | 2                | 5               | 552086  | 64                    | 1121    | 0       | 78243   | 631578                    |
| 13            | 1                | 5               | 235634  | 68                    | 0       | 0       | 395876  | 631578                    |
| 14            | 1                | 5               | 139106  | 71                    | 0       | 0       | 492401  | 631578                    |
| 15            | 2                | 5               | 330124  | 68                    | 1426    | 0       | 299892  | 631578                    |
| 16            | 2                | 5               | 483980  | 73                    | 1928    | 0       | 145524  | 631578                    |
| 17            | 1                | 5               | 418594  | 56                    | 0       | 0       | 212928  | 631578                    |
| 18            | 2                | 5               | 582399  | 54                    | 1447    | 0       | 47624   | 631578                    |
| 19            | 3                | 5               | 197907  | 69                    | 1251    | 1091    | 431122  | 631578                    |

Type 5 #16 5499 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 1131588 | 83                    | 1277    | 1243    | 198976  | 1333333                   |
| 2             | 1                | 18              | 743484  | 78                    | 0       | 0       | 589771  | 1333333                   |
| 3             | 1                | 18              | 1251834 | 79                    | 0       | 0       | 81420   | 1333333                   |
| 4             | 1                | 18              | 1089920 | 92                    | 0       | 0       | 243321  | 1333333                   |
| 5             | 3                | 18              | 1127085 | 97                    | 1207    | 1505    | 203245  | 1333333                   |
| 6             | 1                | 18              | 1151665 | 63                    | 0       | 0       | 181605  | 1333333                   |
| 7             | 2                | 18              | 1141715 | 73                    | 1128    | 0       | 190344  | 1333333                   |
| 8             | 3                | 18              | 441989  | 66                    | 1479    | 1756    | 887911  | 1333333                   |
| 9             | 1                | 18              | 1296892 | 70                    | 0       | 0       | 36371   | 1333333                   |

Type 5 #17 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 9               | 223078  | 84                    | 0       | 0       | 776838  | 1000000                   |
| 2             | 1                | 9               | 717849  | 81                    | 0       | 0       | 282070  | 1000000                   |
| 3             | 2                | 9               | 178501  | 55                    | 1941    | 0       | 819448  | 1000000                   |
| 4             | 1                | 9               | 92279   | 75                    | 0       | 0       | 907646  | 1000000                   |
| 5             | 3                | 9               | 62374   | 78                    | 1615    | 1529    | 934248  | 1000000                   |
| 6             | 2                | 9               | 533497  | 77                    | 1520    | 0       | 464829  | 1000000                   |
| 7             | 3                | 9               | 555596  | 75                    | 1460    | 1691    | 441028  | 1000000                   |
| 8             | 2                | 9               | 703785  | 90                    | 1610    | 0       | 294425  | 1000000                   |
| 9             | 2                | 9               | 301225  | 99                    | 1762    | 0       | 696815  | 1000000                   |
| 10            | 2                | 9               | 481458  | 75                    | 1226    | 0       | 517166  | 1000000                   |
| 11            | 3                | 9               | 776869  | 62                    | 1938    | 1010    | 219997  | 1000000                   |
| 12            | 1                | 9               | 693869  | 80                    | 0       | 0       | 306051  | 1000000                   |

Type 5 #18 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 15              | 416933  | 99                    | 0       | 0       | 182968  | 600000                    |
| 2             | 3                | 15              | 386728  | 91                    | 1376    | 1024    | 210599  | 600000                    |
| 3             | 3                | 15              | 175206  | 88                    | 1761    | 1093    | 421676  | 600000                    |
| 4             | 2                | 15              | 312982  | 52                    | 1865    | 0       | 285049  | 600000                    |
| 5             | 3                | 15              | 343915  | 100                   | 1779    | 1270    | 252736  | 600000                    |
| 6             | 1                | 15              | 88386   | 53                    | 0       | 0       | 511561  | 600000                    |
| 7             | 3                | 15              | 361930  | 70                    | 1645    | 1142    | 235073  | 600000                    |
| 8             | 2                | 15              | 548444  | 89                    | 1001    | 0       | 50377   | 600000                    |
| 9             | 3                | 15              | 563981  | 55                    | 1011    | 1320    | 33523   | 600000                    |
| 10            | 3                | 15              | 404476  | 67                    | 1337    | 1770    | 192216  | 600000                    |
| 11            | 1                | 15              | 507706  | 79                    | 0       | 0       | 92215   | 600000                    |
| 12            | 2                | 15              | 571845  | 76                    | 1244    | 0       | 26759   | 600000                    |
| 13            | 3                | 15              | 569323  | 75                    | 1036    | 1365    | 28051   | 600000                    |
| 14            | 2                | 15              | 517551  | 85                    | 1805    | 0       | 80474   | 600000                    |
| 15            | 2                | 15              | 460305  | 81                    | 1900    | 0       | 137633  | 600000                    |
| 16            | 3                | 15              | 120101  | 67                    | 1634    | 1352    | 476712  | 600000                    |
| 17            | 2                | 15              | 343609  | 78                    | 1719    | 0       | 254516  | 600000                    |
| 18            | 2                | 15              | 454357  | 88                    | 1234    | 0       | 144233  | 600000                    |
| 19            | 2                | 15              | 585044  | 98                    | 1090    | 0       | 13670   | 600000                    |
| 20            | 3                | 15              | 318882  | 87                    | 1990    | 1175    | 277692  | 600000                    |

Type 5 #19 5566 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 6               | 457840  | 74                    | 0       | 0       | 292086  | 750000                    |
| 2             | 1                | 6               | 91481   | 61                    | 0       | 0       | 658458  | 750000                    |
| 3             | 2                | 6               | 709507  | 82                    | 1607    | 0       | 38722   | 750000                    |
| 4             | 3                | 6               | 486716  | 79                    | 1001    | 1106    | 260940  | 750000                    |
| 5             | 3                | 6               | 481890  | 64                    | 1793    | 1995    | 264130  | 750000                    |
| 6             | 1                | 6               | 659594  | 54                    | 0       | 0       | 90352   | 750000                    |
| 7             | 1                | 6               | 679151  | 71                    | 0       | 0       | 70778   | 750000                    |
| 8             | 2                | 6               | 110788  | 84                    | 1761    | 0       | 637283  | 750000                    |
| 9             | 2                | 6               | 375827  | 87                    | 1600    | 0       | 372399  | 750000                    |
| 10            | 1                | 6               | 171976  | 56                    | 0       | 0       | 577968  | 750000                    |
| 11            | 3                | 6               | 655716  | 99                    | 1498    | 1197    | 91292   | 750000                    |
| 12            | 3                | 6               | 722333  | 91                    | 1283    | 1479    | 24632   | 750000                    |
| 13            | 3                | 6               | 168808  | 57                    | 1823    | 1244    | 577954  | 750000                    |
| 14            | 2                | 6               | 606515  | 74                    | 1488    | 0       | 141849  | 750000                    |
| 15            | 3                | 6               | 594828  | 98                    | 1338    | 1911    | 151629  | 750000                    |
| 16            | 1                | 6               | 24848   | 84                    | 0       | 0       | 725068  | 750000                    |

Type 5 #20 5560 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 20              | 603372  | 52                    | 0       | 0       | 896576  | 1500000                   |
| 2             | 1                | 20              | 1042962 | 77                    | 0       | 0       | 456961  | 1500000                   |
| 3             | 2                | 20              | 125452  | 89                    | 1242    | 0       | 1373128 | 1500000                   |
| 4             | 2                | 20              | 230875  | 56                    | 1741    | 0       | 1267272 | 1500000                   |
| 5             | 2                | 20              | 977336  | 62                    | 1104    | 0       | 521436  | 1500000                   |
| 6             | 1                | 20              | 108355  | 100                   | 0       | 0       | 1391545 | 1500000                   |
| 7             | 3                | 20              | 224799  | 94                    | 1782    | 1118    | 1272019 | 1500000                   |
| 8             | 1                | 20              | 1255438 | 76                    | 0       | 0       | 244486  | 1500000                   |

Type 5 #21 5530 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 9               | 744227  | 78                    | 1003    | 0       | 4614    | 750000                    |
| 2             | 3                | 9               | 616754  | 60                    | 1877    | 1551    | 129638  | 750000                    |
| 3             | 3                | 9               | 365391  | 57                    | 1391    | 1640    | 381407  | 750000                    |
| 4             | 2                | 9               | 493378  | 62                    | 1819    | 0       | 254679  | 750000                    |
| 5             | 2                | 9               | 527961  | 57                    | 1837    | 0       | 220088  | 750000                    |
| 6             | 3                | 9               | 344861  | 82                    | 1627    | 1213    | 402053  | 750000                    |
| 7             | 2                | 9               | 144132  | 61                    | 1459    | 0       | 604287  | 750000                    |
| 8             | 1                | 9               | 680427  | 51                    | 0       | 0       | 69522   | 750000                    |
| 9             | 2                | 9               | 279176  | 53                    | 1325    | 0       | 469393  | 750000                    |
| 10            | 1                | 9               | 29119   | 60                    | 0       | 0       | 720821  | 750000                    |
| 11            | 3                | 9               | 131291  | 76                    | 1825    | 1492    | 615164  | 750000                    |
| 12            | 3                | 9               | 175752  | 89                    | 1007    | 1192    | 571782  | 750000                    |
| 13            | 3                | 9               | 129550  | 79                    | 1361    | 1414    | 617438  | 750000                    |
| 14            | 1                | 9               | 284487  | 71                    | 0       | 0       | 465442  | 750000                    |
| 15            | 1                | 9               | 67700   | 57                    | 0       | 0       | 682243  | 750000                    |
| 16            | 1                | 9               | 459706  | 91                    | 0       | 0       | 290203  | 750000                    |

Type 5 #22 5580 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 20              | 134352  | 58                    | 1443    | 0       | 954998  | 1090909                   |
| 2             | 2                | 20              | 731154  | 53                    | 1843    | 0       | 357806  | 1090909                   |
| 3             | 2                | 20              | 965836  | 75                    | 1965    | 0       | 122958  | 1090909                   |
| 4             | 3                | 20              | 336514  | 50                    | 1008    | 1743    | 751494  | 1090909                   |
| 5             | 3                | 20              | 328474  | 79                    | 1685    | 1874    | 758639  | 1090909                   |
| 6             | 2                | 20              | 365920  | 77                    | 1594    | 0       | 723241  | 1090909                   |
| 7             | 1                | 20              | 353050  | 71                    | 0       | 0       | 737788  | 1090909                   |
| 8             | 3                | 20              | 406030  | 95                    | 1298    | 1870    | 681426  | 1090909                   |
| 9             | 3                | 20              | 549146  | 62                    | 1446    | 1802    | 538329  | 1090909                   |
| 10            | 3                | 20              | 825514  | 90                    | 1694    | 1203    | 262228  | 1090909                   |
| 11            | 2                | 20              | 446766  | 99                    | 1585    | 0       | 642360  | 1090909                   |

Type 5 #23 5562 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 15              | 121663  | 61                    | 0       | 0       | 544942  | 666666                    |
| 2             | 2                | 15              | 582412  | 57                    | 1117    | 0       | 83023   | 666666                    |
| 3             | 1                | 15              | 224604  | 97                    | 0       | 0       | 441965  | 666666                    |
| 4             | 1                | 15              | 532747  | 53                    | 0       | 0       | 133866  | 666666                    |
| 5             | 3                | 15              | 346202  | 87                    | 1901    | 1821    | 316481  | 666666                    |
| 6             | 3                | 15              | 151439  | 91                    | 1738    | 1973    | 511243  | 666666                    |
| 7             | 3                | 15              | 91481   | 82                    | 1060    | 1010    | 572869  | 666666                    |
| 8             | 2                | 15              | 437243  | 65                    | 1322    | 0       | 227971  | 666666                    |
| 9             | 2                | 15              | 462337  | 75                    | 1973    | 0       | 202206  | 666666                    |
| 10            | 1                | 15              | 225419  | 62                    | 0       | 0       | 441185  | 666666                    |
| 11            | 3                | 15              | 550378  | 66                    | 1007    | 1577    | 113506  | 666666                    |
| 12            | 3                | 15              | 110300  | 85                    | 1751    | 1367    | 552993  | 666666                    |
| 13            | 2                | 15              | 583992  | 74                    | 1128    | 0       | 81398   | 666666                    |
| 14            | 3                | 15              | 316691  | 87                    | 1101    | 1492    | 347121  | 666666                    |
| 15            | 2                | 15              | 344877  | 54                    | 1324    | 0       | 320357  | 666666                    |
| 16            | 3                | 15              | 100505  | 54                    | 1745    | 1489    | 562765  | 666666                    |
| 17            | 2                | 15              | 91719   | 71                    | 1621    | 0       | 573184  | 666666                    |
| 18            | 3                | 15              | 225918  | 66                    | 1880    | 1555    | 437115  | 666666                    |

Type 5 #24 5575 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 8               | 567638  | 71                    | 1845    | 0       | 97041   | 666666                    |
| 2             | 2                | 8               | 200666  | 75                    | 1549    | 0       | 464301  | 666666                    |
| 3             | 3                | 8               | 317444  | 83                    | 1622    | 1335    | 346016  | 666666                    |
| 4             | 1                | 8               | 262020  | 86                    | 0       | 0       | 404560  | 666666                    |
| 5             | 3                | 8               | 345710  | 99                    | 1783    | 1613    | 317263  | 666666                    |
| 6             | 1                | 8               | 211149  | 80                    | 0       | 0       | 455437  | 666666                    |
| 7             | 3                | 8               | 24642   | 53                    | 1279    | 1556    | 639030  | 666666                    |
| 8             | 1                | 8               | 79717   | 70                    | 0       | 0       | 586879  | 666666                    |
| 9             | 3                | 8               | 599968  | 80                    | 1269    | 1017    | 64172   | 666666                    |
| 10            | 2                | 8               | 594123  | 50                    | 1778    | 0       | 70665   | 666666                    |
| 11            | 1                | 8               | 297586  | 97                    | 0       | 0       | 368983  | 666666                    |
| 12            | 2                | 8               | 220798  | 82                    | 1232    | 0       | 444472  | 666666                    |
| 13            | 2                | 8               | 418466  | 96                    | 1172    | 0       | 246836  | 666666                    |
| 14            | 2                | 8               | 450163  | 69                    | 1065    | 0       | 215300  | 666666                    |
| 15            | 1                | 8               | 576425  | 86                    | 0       | 0       | 90155   | 666666                    |
| 16            | 2                | 8               | 291570  | 57                    | 1703    | 0       | 373279  | 666666                    |
| 17            | 2                | 8               | 604114  | 59                    | 1161    | 0       | 61273   | 666666                    |
| 18            | 2                | 8               | 73677   | 77                    | 1137    | 0       | 591698  | 666666                    |

Type 5 #25 5564 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 11              | 705176  | 69                    | 0       | 0       | 628088  | 1333333                   |
| 2             | 1                | 11              | 399771  | 83                    | 0       | 0       | 933479  | 1333333                   |
| 3             | 1                | 11              | 28468   | 100                   | 0       | 0       | 1304765 | 1333333                   |
| 4             | 1                | 11              | 1061053 | 92                    | 0       | 0       | 272188  | 1333333                   |
| 5             | 1                | 11              | 128803  | 57                    | 0       | 0       | 1204473 | 1333333                   |
| 6             | 1                | 11              | 655204  | 88                    | 0       | 0       | 678041  | 1333333                   |
| 7             | 2                | 11              | 129290  | 98                    | 1911    | 0       | 1201936 | 1333333                   |
| 8             | 3                | 11              | 820852  | 96                    | 1080    | 1326    | 509787  | 1333333                   |
| 9             | 2                | 11              | 681667  | 95                    | 1915    | 0       | 649561  | 1333333                   |

Type 5 #26 5561 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 135544  | 81                    | 1535    | 1279    | 1361399 | 1500000                   |
| 2             | 2                | 18              | 453323  | 100                   | 1149    | 0       | 1045328 | 1500000                   |
| 3             | 1                | 18              | 1109658 | 50                    | 0       | 0       | 390292  | 1500000                   |
| 4             | 3                | 18              | 1042056 | 60                    | 1219    | 1077    | 455468  | 1500000                   |
| 5             | 2                | 18              | 394449  | 61                    | 1493    | 0       | 1103936 | 1500000                   |
| 6             | 1                | 18              | 992544  | 83                    | 0       | 0       | 507373  | 1500000                   |
| 7             | 2                | 18              | 203869  | 77                    | 1429    | 0       | 1294548 | 1500000                   |
| 8             | 1                | 18              | 527731  | 87                    | 0       | 0       | 972182  | 1500000                   |

Type 5 #27 5494 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 6               | 439220  | 96                    | 1607    | 1772    | 648022  | 1090909                   |
| 2             | 1                | 6               | 148912  | 74                    | 0       | 0       | 941923  | 1090909                   |
| 3             | 1                | 6               | 409207  | 69                    | 0       | 0       | 681633  | 1090909                   |
| 4             | 2                | 6               | 532740  | 94                    | 1945    | 0       | 556036  | 1090909                   |
| 5             | 3                | 6               | 476868  | 89                    | 1628    | 1318    | 610828  | 1090909                   |
| 6             | 1                | 6               | 281097  | 69                    | 0       | 0       | 809743  | 1090909                   |
| 7             | 2                | 6               | 458336  | 67                    | 1965    | 0       | 630474  | 1090909                   |
| 8             | 1                | 6               | 974048  | 68                    | 0       | 0       | 116793  | 1090909                   |
| 9             | 2                | 6               | 393892  | 63                    | 1466    | 0       | 695425  | 1090909                   |
| 10            | 2                | 6               | 483031  | 94                    | 1910    | 0       | 605780  | 1090909                   |
| 11            | 1                | 6               | 819361  | 98                    | 0       | 0       | 271450  | 1090909                   |

Type 5 #28 5496 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 11              | 174257  | 89                    | 1018    | 0       | 624547  | 800000                    |
| 2             | 2                | 11              | 497046  | 90                    | 1301    | 0       | 301473  | 800000                    |
| 3             | 1                | 11              | 42058   | 99                    | 0       | 0       | 757843  | 800000                    |
| 4             | 1                | 11              | 566213  | 61                    | 0       | 0       | 233726  | 800000                    |
| 5             | 1                | 11              | 423060  | 89                    | 0       | 0       | 376851  | 800000                    |
| 6             | 2                | 11              | 794519  | 98                    | 1851    | 0       | 3434    | 800000                    |
| 7             | 2                | 11              | 690654  | 94                    | 1466    | 0       | 107692  | 800000                    |
| 8             | 3                | 11              | 238014  | 59                    | 1557    | 1730    | 558522  | 800000                    |
| 9             | 3                | 11              | 59167   | 91                    | 1768    | 1568    | 737224  | 800000                    |
| 10            | 1                | 11              | 381419  | 51                    | 0       | 0       | 418530  | 800000                    |
| 11            | 3                | 11              | 659007  | 94                    | 1105    | 1600    | 138006  | 800000                    |
| 12            | 1                | 11              | 61304   | 91                    | 0       | 0       | 738605  | 800000                    |
| 13            | 1                | 11              | 147995  | 96                    | 0       | 0       | 651909  | 800000                    |
| 14            | 2                | 11              | 170300  | 100                   | 1507    | 0       | 627993  | 800000                    |
| 15            | 1                | 11              | 794328  | 75                    | 0       | 0       | 5597    | 800000                    |

Type 5 #29 5494 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 6               | 419830  | 90                    | 0       | 0       | 285962  | 705882                    |
| 2             | 2                | 6               | 362745  | 97                    | 1997    | 0       | 340946  | 705882                    |
| 3             | 3                | 6               | 114711  | 97                    | 1066    | 1751    | 588063  | 705882                    |
| 4             | 3                | 6               | 318428  | 97                    | 1265    | 1583    | 384315  | 705882                    |
| 5             | 2                | 6               | 691904  | 85                    | 1826    | 0       | 11982   | 705882                    |
| 6             | 1                | 6               | 519777  | 94                    | 0       | 0       | 186011  | 705882                    |
| 7             | 2                | 6               | 41584   | 92                    | 1384    | 0       | 662730  | 705882                    |
| 8             | 1                | 6               | 23197   | 75                    | 0       | 0       | 682610  | 705882                    |
| 9             | 1                | 6               | 702344  | 72                    | 0       | 0       | 3466    | 705882                    |
| 10            | 2                | 6               | 4991    | 63                    | 1991    | 0       | 698774  | 705882                    |
| 11            | 3                | 6               | 426960  | 54                    | 1938    | 1185    | 275637  | 705882                    |
| 12            | 2                | 6               | 665093  | 88                    | 1104    | 0       | 39509   | 705882                    |
| 13            | 2                | 6               | 550004  | 81                    | 1119    | 0       | 154597  | 705882                    |
| 14            | 2                | 6               | 202274  | 55                    | 1683    | 0       | 501815  | 705882                    |
| 15            | 3                | 6               | 488014  | 74                    | 1605    | 1232    | 214809  | 705882                    |
| 16            | 3                | 6               | 166803  | 79                    | 1181    | 1554    | 536107  | 705882                    |
| 17            | 1                | 6               | 564843  | 52                    | 0       | 0       | 140987  | 705882                    |

Type 5 #30 5565 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 7               | 349226  | 69                    | 1495    | 0       | 740050  | 1090909                   |
| 2             | 1                | 7               | 173355  | 60                    | 0       | 0       | 917494  | 1090909                   |
| 3             | 1                | 7               | 1025658 | 86                    | 0       | 0       | 65165   | 1090909                   |
| 4             | 2                | 7               | 995541  | 66                    | 1953    | 0       | 93283   | 1090909                   |
| 5             | 3                | 7               | 327543  | 59                    | 1924    | 1433    | 759832  | 1090909                   |
| 6             | 1                | 7               | 1071568 | 53                    | 0       | 0       | 19288   | 1090909                   |
| 7             | 1                | 7               | 1011418 | 85                    | 0       | 0       | 79406   | 1090909                   |
| 8             | 3                | 7               | 759498  | 86                    | 1960    | 1223    | 327970  | 1090909                   |
| 9             | 2                | 7               | 430536  | 75                    | 1360    | 0       | 658863  | 1090909                   |
| 10            | 2                | 7               | 398389  | 76                    | 1588    | 0       | 690780  | 1090909                   |
| 11            | 2                | 7               | 314900  | 67                    | 1331    | 0       | 774544  | 1090909                   |

**Type 6 #1 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5340 | #02-5402 | #03-5464 | #04-5681 | #05-5353 | #06-5444 | #07-5478 | #08-5568 | #09-5495 | #10-5386  |
| #11-5342 | #12-5546 | #13-5298 | #14-5379 | #15-5445 | #16-5481 | #17-5459 | #18-5490 | #19-5285 | #20-5603  |
| #21-5719 | #22-5682 | #23-5270 | #24-5343 | #25-5301 | #26-5258 | #27-5437 | #28-5331 | #29-5659 | #30-5294  |
| #31-5522 | #32-5598 | #33-5537 | #34-5470 | #35-5499 | #36-5401 | #37-5673 | #38-5468 | #39-5389 | #40-5377  |
| #41-5393 | #42-5279 | #43-5609 | #44-5506 | #45-5687 | #46-5352 | #47-5691 | #48-5334 | #49-5416 | #50-5602  |
| #51-5372 | #52-5328 | #53-5309 | #54-5380 | #55-5580 | #56-5390 | #57-5385 | #58-5371 | #59-5633 | #60-5346  |
| #61-5256 | #62-5407 | #63-5639 | #64-5457 | #65-5600 | #66-5485 | #67-5262 | #68-5565 | #69-5619 | #70-5293  |
| #71-5540 | #72-5717 | #73-5351 | #74-5640 | #75-5467 | #76-5692 | #77-5327 | #78-5510 | #79-5392 | #80-5677  |
| #81-5295 | #82-5356 | #83-5648 | #84-5311 | #85-5651 | #86-5443 | #87-5545 | #88-5418 | #89-5622 | #90-5363  |
| #91-5267 | #92-5559 | #93-5569 | #94-5291 | #95-5375 | #96-5720 | #97-5378 | #98-5417 | #99-5631 | #100-5474 |

**Type 6 #2 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5338 | #02-5381 | #03-5449 | #04-5367 | #05-5316 | #06-5380 | #07-5706 | #08-5401 | #09-5641 | #10-5610  |
| #11-5303 | #12-5606 | #13-5712 | #14-5677 | #15-5297 | #16-5630 | #17-5478 | #18-5572 | #19-5525 | #20-5410  |
| #21-5661 | #22-5578 | #23-5664 | #24-5501 | #25-5274 | #26-5703 | #27-5407 | #28-5306 | #29-5515 | #30-5464  |
| #31-5566 | #32-5648 | #33-5593 | #34-5645 | #35-5583 | #36-5636 | #37-5624 | #38-5522 | #39-5718 | #40-5513  |
| #41-5450 | #42-5385 | #43-5486 | #44-5257 | #45-5302 | #46-5384 | #47-5559 | #48-5603 | #49-5717 | #50-5458  |
| #51-5489 | #52-5518 | #53-5599 | #54-5462 | #55-5521 | #56-5477 | #57-5435 | #58-5670 | #59-5337 | #60-5334  |
| #61-5695 | #62-5649 | #63-5604 | #64-5420 | #65-5288 | #66-5374 | #67-5259 | #68-5314 | #69-5341 | #70-5383  |
| #71-5253 | #72-5675 | #73-5577 | #74-5256 | #75-5681 | #76-5523 | #77-5339 | #78-5655 | #79-5445 | #80-5612  |
| #81-5390 | #82-5526 | #83-5312 | #84-5300 | #85-5697 | #86-5294 | #87-5293 | #88-5377 | #89-5371 | #90-5354  |
| #91-5448 | #92-5683 | #93-5436 | #94-5626 | #95-5546 | #96-5531 | #97-5503 | #98-5317 | #99-5690 | #100-5646 |

**Type 6 #3 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5376 | #02-5499 | #03-5516 | #04-5584 | #05-5458 | #06-5543 | #07-5665 | #08-5598 | #09-5511 | #10-5250  |
| #11-5394 | #12-5508 | #13-5470 | #14-5450 | #15-5675 | #16-5419 | #17-5588 | #18-5556 | #19-5451 | #20-5720  |
| #21-5332 | #22-5609 | #23-5668 | #24-5712 | #25-5660 | #26-5295 | #27-5486 | #28-5678 | #29-5428 | #30-5396  |
| #31-5268 | #32-5274 | #33-5691 | #34-5524 | #35-5484 | #36-5615 | #37-5259 | #38-5449 | #39-5568 | #40-5400  |
| #41-5354 | #42-5420 | #43-5590 | #44-5367 | #45-5683 | #46-5659 | #47-5459 | #48-5706 | #49-5679 | #50-5371  |
| #51-5662 | #52-5672 | #53-5581 | #54-5695 | #55-5559 | #56-5490 | #57-5550 | #58-5522 | #59-5641 | #60-5405  |
| #61-5301 | #62-5711 | #63-5407 | #64-5355 | #65-5705 | #66-5364 | #67-5539 | #68-5666 | #69-5689 | #70-5306  |
| #71-5406 | #72-5375 | #73-5710 | #74-5296 | #75-5607 | #76-5629 | #77-5266 | #78-5540 | #79-5280 | #80-5724  |
| #81-5554 | #82-5501 | #83-5722 | #84-5307 | #85-5453 | #86-5317 | #87-5408 | #88-5718 | #89-5680 | #90-5715  |
| #91-5309 | #92-5448 | #93-5527 | #94-5398 | #95-5345 | #96-5362 | #97-5258 | #98-5474 | #99-5385 | #100-5558 |

| Type 6 #4 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5369                    | #02-5514 | #03-5265 | #04-5622 | #05-5689 | #06-5534 | #07-5688 | #08-5536 | #09-5331 | #10-5651  |
| #11-5475                    | #12-5259 | #13-5495 | #14-5646 | #15-5576 | #16-5518 | #17-5714 | #18-5356 | #19-5626 | #20-5637  |
| #21-5683                    | #22-5546 | #23-5710 | #24-5697 | #25-5723 | #26-5675 | #27-5568 | #28-5549 | #29-5667 | #30-5484  |
| #31-5619                    | #32-5505 | #33-5400 | #34-5437 | #35-5598 | #36-5295 | #37-5483 | #38-5347 | #39-5339 | #40-5645  |
| #41-5351                    | #42-5594 | #43-5633 | #44-5282 | #45-5481 | #46-5299 | #47-5682 | #48-5603 | #49-5547 | #50-5551  |
| #51-5377                    | #52-5620 | #53-5567 | #54-5465 | #55-5593 | #56-5535 | #57-5517 | #58-5289 | #59-5616 | #60-5258  |
| #61-5681                    | #62-5380 | #63-5582 | #64-5556 | #65-5274 | #66-5686 | #67-5571 | #68-5302 | #69-5292 | #70-5519  |
| #71-5276                    | #72-5607 | #73-5263 | #74-5702 | #75-5523 | #76-5333 | #77-5631 | #78-5673 | #79-5446 | #80-5669  |
| #81-5718                    | #82-5687 | #83-5250 | #84-5364 | #85-5361 | #86-5251 | #87-5658 | #88-5648 | #89-5557 | #90-5312  |
| #91-5478                    | #92-5440 | #93-5443 | #94-5334 | #95-5691 | #96-5695 | #97-5262 | #98-5325 | #99-5260 | #100-5513 |

| Type 6 #5 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5445                    | #02-5634 | #03-5567 | #04-5274 | #05-5529 | #06-5491 | #07-5613 | #08-5597 | #09-5668 | #10-5515  |
| #11-5636                    | #12-5573 | #13-5556 | #14-5674 | #15-5265 | #16-5720 | #17-5380 | #18-5469 | #19-5447 | #20-5275  |
| #21-5271                    | #22-5650 | #23-5455 | #24-5708 | #25-5287 | #26-5548 | #27-5406 | #28-5655 | #29-5260 | #30-5561  |
| #31-5324                    | #32-5557 | #33-5669 | #34-5652 | #35-5475 | #36-5335 | #37-5370 | #38-5700 | #39-5555 | #40-5593  |
| #41-5360                    | #42-5317 | #43-5712 | #44-5302 | #45-5397 | #46-5641 | #47-5614 | #48-5500 | #49-5319 | #50-5694  |
| #51-5558                    | #52-5507 | #53-5595 | #54-5709 | #55-5501 | #56-5514 | #57-5421 | #58-5580 | #59-5714 | #60-5701  |
| #61-5332                    | #62-5680 | #63-5581 | #64-5351 | #65-5437 | #66-5325 | #67-5626 | #68-5624 | #69-5438 | #70-5651  |
| #71-5590                    | #72-5402 | #73-5632 | #74-5571 | #75-5630 | #76-5677 | #77-5660 | #78-5399 | #79-5545 | #80-5361  |
| #81-5656                    | #82-5619 | #83-5576 | #84-5289 | #85-5251 | #86-5522 | #87-5685 | #88-5682 | #89-5389 | #90-5679  |
| #91-5622                    | #92-5496 | #93-5710 | #94-5565 | #95-5494 | #96-5394 | #97-5443 | #98-5598 | #99-5566 | #100-5316 |

| Type 6 #6 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5263                    | #02-5711 | #03-5310 | #04-5388 | #05-5348 | #06-5406 | #07-5599 | #08-5269 | #09-5324 | #10-5554  |
| #11-5583                    | #12-5270 | #13-5275 | #14-5600 | #15-5297 | #16-5432 | #17-5350 | #18-5547 | #19-5356 | #20-5635  |
| #21-5369                    | #22-5673 | #23-5487 | #24-5491 | #25-5274 | #26-5338 | #27-5427 | #28-5311 | #29-5321 | #30-5486  |
| #31-5478                    | #32-5306 | #33-5556 | #34-5495 | #35-5360 | #36-5676 | #37-5574 | #38-5455 | #39-5669 | #40-5577  |
| #41-5663                    | #42-5668 | #43-5614 | #44-5569 | #45-5354 | #46-5618 | #47-5493 | #48-5368 | #49-5537 | #50-5336  |
| #51-5309                    | #52-5638 | #53-5511 | #54-5678 | #55-5686 | #56-5318 | #57-5477 | #58-5548 | #59-5372 | #60-5260  |
| #61-5708                    | #62-5541 | #63-5679 | #64-5567 | #65-5333 | #66-5528 | #67-5445 | #68-5510 | #69-5498 | #70-5351  |
| #71-5588                    | #72-5624 | #73-5607 | #74-5503 | #75-5698 | #76-5422 | #77-5308 | #78-5643 | #79-5392 | #80-5387  |
| #81-5572                    | #82-5305 | #83-5499 | #84-5709 | #85-5425 | #86-5564 | #87-5522 | #88-5605 | #89-5531 | #90-5286  |
| #91-5447                    | #92-5271 | #93-5339 | #94-5656 | #95-5594 | #96-5378 | #97-5718 | #98-5294 | #99-5484 | #100-5546 |



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| Type 6 #7 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5422                    | #02-5705 | #03-5592 | #04-5439 | #05-5475 | #06-5411 | #07-5280 | #08-5254 | #09-5702 | #10-5511  |
| #11-5256                    | #12-5561 | #13-5408 | #14-5708 | #15-5417 | #16-5648 | #17-5295 | #18-5692 | #19-5391 | #20-5492  |
| #21-5258                    | #22-5567 | #23-5701 | #24-5459 | #25-5623 | #26-5560 | #27-5534 | #28-5671 | #29-5635 | #30-5573  |
| #31-5429                    | #32-5266 | #33-5399 | #34-5564 | #35-5682 | #36-5589 | #37-5440 | #38-5308 | #39-5481 | #40-5261  |
| #41-5530                    | #42-5515 | #43-5622 | #44-5273 | #45-5285 | #46-5610 | #47-5586 | #48-5352 | #49-5487 | #50-5665  |
| #51-5330                    | #52-5276 | #53-5628 | #54-5721 | #55-5538 | #56-5579 | #57-5251 | #58-5382 | #59-5537 | #60-5639  |
| #61-5602                    | #62-5334 | #63-5344 | #64-5377 | #65-5332 | #66-5716 | #67-5406 | #68-5568 | #69-5277 | #70-5548  |
| #71-5456                    | #72-5711 | #73-5462 | #74-5383 | #75-5681 | #76-5464 | #77-5664 | #78-5679 | #79-5426 | #80-5267  |
| #81-5697                    | #82-5432 | #83-5435 | #84-5691 | #85-5495 | #86-5403 | #87-5361 | #88-5402 | #89-5281 | #90-5354  |
| #91-5588                    | #92-5311 | #93-5494 | #94-5566 | #95-5378 | #96-5452 | #97-5424 | #98-5498 | #99-5661 | #100-5294 |

| Type 6 #8 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5452                    | #02-5267 | #03-5329 | #04-5661 | #05-5460 | #06-5342 | #07-5536 | #08-5495 | #09-5287 | #10-5325  |
| #11-5639                    | #12-5294 | #13-5683 | #14-5527 | #15-5664 | #16-5421 | #17-5621 | #18-5373 | #19-5607 | #20-5647  |
| #21-5601                    | #22-5251 | #23-5544 | #24-5643 | #25-5690 | #26-5400 | #27-5469 | #28-5617 | #29-5253 | #30-5483  |
| #31-5292                    | #32-5422 | #33-5269 | #34-5388 | #35-5537 | #36-5684 | #37-5355 | #38-5500 | #39-5486 | #40-5405  |
| #41-5596                    | #42-5592 | #43-5369 | #44-5676 | #45-5440 | #46-5546 | #47-5350 | #48-5694 | #49-5628 | #50-5687  |
| #51-5553                    | #52-5303 | #53-5609 | #54-5270 | #55-5412 | #56-5451 | #57-5448 | #58-5410 | #59-5701 | #60-5311  |
| #61-5594                    | #62-5640 | #63-5491 | #64-5526 | #65-5284 | #66-5466 | #67-5277 | #68-5547 | #69-5716 | #70-5707  |
| #71-5319                    | #72-5374 | #73-5610 | #74-5455 | #75-5301 | #76-5260 | #77-5604 | #78-5589 | #79-5454 | #80-5393  |
| #81-5304                    | #82-5505 | #83-5717 | #84-5296 | #85-5656 | #86-5714 | #87-5534 | #88-5724 | #89-5698 | #90-5337  |
| #91-5482                    | #92-5666 | #93-5522 | #94-5425 | #95-5529 | #96-5678 | #97-5354 | #98-5564 | #99-5635 | #100-5697 |

| Type 6 #9 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5518                    | #02-5530 | #03-5701 | #04-5647 | #05-5617 | #06-5427 | #07-5413 | #08-5404 | #09-5693 | #10-5399  |
| #11-5568                    | #12-5578 | #13-5680 | #14-5552 | #15-5259 | #16-5343 | #17-5649 | #18-5447 | #19-5595 | #20-5294  |
| #21-5655                    | #22-5277 | #23-5567 | #24-5628 | #25-5469 | #26-5371 | #27-5570 | #28-5434 | #29-5648 | #30-5339  |
| #31-5630                    | #32-5290 | #33-5678 | #34-5477 | #35-5598 | #36-5491 | #37-5521 | #38-5316 | #39-5395 | #40-5473  |
| #41-5545                    | #42-5376 | #43-5278 | #44-5546 | #45-5487 | #46-5629 | #47-5712 | #48-5697 | #49-5412 | #50-5432  |
| #51-5281                    | #52-5626 | #53-5694 | #54-5591 | #55-5293 | #56-5488 | #57-5684 | #58-5321 | #59-5422 | #60-5493  |
| #61-5580                    | #62-5706 | #63-5478 | #64-5600 | #65-5492 | #66-5524 | #67-5622 | #68-5445 | #69-5676 | #70-5483  |
| #71-5539                    | #72-5577 | #73-5298 | #74-5364 | #75-5463 | #76-5520 | #77-5723 | #78-5269 | #79-5383 | #80-5562  |
| #81-5380                    | #82-5599 | #83-5267 | #84-5455 | #85-5309 | #86-5252 | #87-5323 | #88-5333 | #89-5431 | #90-5356  |
| #91-5533                    | #92-5450 | #93-5618 | #94-5633 | #95-5616 | #96-5565 | #97-5621 | #98-5396 | #99-5303 | #100-5687 |



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| Type 6 #10 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5254                     | #02-5509 | #03-5268 | #04-5651 | #05-5616 | #06-5424 | #07-5580 | #08-5572 | #09-5373 | #10-5491  |
| #11-5493                     | #12-5665 | #13-5656 | #14-5582 | #15-5356 | #16-5707 | #17-5685 | #18-5270 | #19-5539 | #20-5488  |
| #21-5453                     | #22-5540 | #23-5266 | #24-5568 | #25-5680 | #26-5339 | #27-5691 | #28-5393 | #29-5474 | #30-5626  |
| #31-5628                     | #32-5566 | #33-5694 | #34-5425 | #35-5558 | #36-5601 | #37-5579 | #38-5341 | #39-5567 | #40-5609  |
| #41-5392                     | #42-5468 | #43-5686 | #44-5668 | #45-5587 | #46-5593 | #47-5515 | #48-5284 | #49-5514 | #50-5635  |
| #51-5606                     | #52-5598 | #53-5578 | #54-5525 | #55-5467 | #56-5428 | #57-5482 | #58-5412 | #59-5698 | #60-5517  |
| #61-5447                     | #62-5423 | #63-5338 | #64-5460 | #65-5584 | #66-5647 | #67-5697 | #68-5465 | #69-5269 | #70-5470  |
| #71-5365                     | #72-5589 | #73-5410 | #74-5654 | #75-5336 | #76-5709 | #77-5573 | #78-5316 | #79-5706 | #80-5327  |
| #81-5533                     | #82-5653 | #83-5594 | #84-5553 | #85-5265 | #86-5278 | #87-5712 | #88-5397 | #89-5672 | #90-5368  |
| #91-5353                     | #92-5401 | #93-5364 | #94-5295 | #95-5395 | #96-5684 | #97-5372 | #98-5455 | #99-5325 | #100-5664 |

| Type 6 #11 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5625                     | #02-5295 | #03-5264 | #04-5293 | #05-5512 | #06-5268 | #07-5431 | #08-5656 | #09-5442 | #10-5499  |
| #11-5582                     | #12-5421 | #13-5444 | #14-5612 | #15-5708 | #16-5528 | #17-5562 | #18-5504 | #19-5453 | #20-5560  |
| #21-5665                     | #22-5537 | #23-5527 | #24-5619 | #25-5367 | #26-5689 | #27-5467 | #28-5374 | #29-5500 | #30-5381  |
| #31-5579                     | #32-5363 | #33-5715 | #34-5286 | #35-5430 | #36-5494 | #37-5642 | #38-5555 | #39-5304 | #40-5250  |
| #41-5574                     | #42-5305 | #43-5693 | #44-5422 | #45-5519 | #46-5664 | #47-5694 | #48-5482 | #49-5314 | #50-5601  |
| #51-5372                     | #52-5600 | #53-5261 | #54-5495 | #55-5253 | #56-5339 | #57-5489 | #58-5370 | #59-5649 | #60-5549  |
| #61-5523                     | #62-5306 | #63-5402 | #64-5310 | #65-5647 | #66-5463 | #67-5429 | #68-5404 | #69-5426 | #70-5461  |
| #71-5614                     | #72-5257 | #73-5450 | #74-5454 | #75-5712 | #76-5613 | #77-5572 | #78-5350 | #79-5347 | #80-5428  |
| #81-5721                     | #82-5707 | #83-5316 | #84-5629 | #85-5260 | #86-5702 | #87-5355 | #88-5469 | #89-5284 | #90-5345  |
| #91-5255                     | #92-5525 | #93-5635 | #94-5483 | #95-5455 | #96-5524 | #97-5628 | #98-5638 | #99-5508 | #100-5308 |

| Type 6 #12 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5481                     | #02-5538 | #03-5308 | #04-5577 | #05-5715 | #06-5367 | #07-5399 | #08-5533 | #09-5510 | #10-5366  |
| #11-5493                     | #12-5390 | #13-5271 | #14-5466 | #15-5556 | #16-5542 | #17-5713 | #18-5502 | #19-5297 | #20-5667  |
| #21-5357                     | #22-5690 | #23-5371 | #24-5331 | #25-5456 | #26-5339 | #27-5348 | #28-5694 | #29-5250 | #30-5443  |
| #31-5709                     | #32-5658 | #33-5574 | #34-5292 | #35-5673 | #36-5432 | #37-5647 | #38-5462 | #39-5634 | #40-5615  |
| #41-5554                     | #42-5546 | #43-5679 | #44-5638 | #45-5576 | #46-5589 | #47-5495 | #48-5413 | #49-5650 | #50-5633  |
| #51-5525                     | #52-5370 | #53-5586 | #54-5561 | #55-5670 | #56-5511 | #57-5412 | #58-5700 | #59-5364 | #60-5621  |
| #61-5266                     | #62-5425 | #63-5528 | #64-5315 | #65-5380 | #66-5557 | #67-5539 | #68-5703 | #69-5509 | #70-5365  |
| #71-5612                     | #72-5494 | #73-5591 | #74-5402 | #75-5355 | #76-5532 | #77-5259 | #78-5449 | #79-5474 | #80-5594  |
| #81-5566                     | #82-5657 | #83-5289 | #84-5332 | #85-5636 | #86-5587 | #87-5318 | #88-5257 | #89-5343 | #90-5407  |
| #91-5265                     | #92-5675 | #93-5338 | #94-5262 | #95-5600 | #96-5376 | #97-5264 | #98-5611 | #99-5504 | #100-5272 |

| Type 6 #13 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5295                     | #02-5520 | #03-5624 | #04-5530 | #05-5272 | #06-5277 | #07-5506 | #08-5430 | #09-5451 | #10-5384  |
| #11-5505                     | #12-5687 | #13-5470 | #14-5502 | #15-5309 | #16-5336 | #17-5387 | #18-5446 | #19-5407 | #20-5525  |
| #21-5487                     | #22-5541 | #23-5610 | #24-5358 | #25-5355 | #26-5667 | #27-5412 | #28-5583 | #29-5539 | #30-5713  |
| #31-5528                     | #32-5373 | #33-5673 | #34-5462 | #35-5552 | #36-5296 | #37-5283 | #38-5488 | #39-5315 | #40-5614  |
| #41-5331                     | #42-5622 | #43-5537 | #44-5690 | #45-5632 | #46-5303 | #47-5454 | #48-5569 | #49-5679 | #50-5513  |
| #51-5714                     | #52-5546 | #53-5450 | #54-5712 | #55-5507 | #56-5482 | #57-5640 | #58-5515 | #59-5420 | #60-5329  |
| #61-5594                     | #62-5654 | #63-5621 | #64-5458 | #65-5585 | #66-5377 | #67-5263 | #68-5257 | #69-5682 | #70-5261  |
| #71-5301                     | #72-5626 | #73-5380 | #74-5522 | #75-5435 | #76-5595 | #77-5251 | #78-5646 | #79-5452 | #80-5304  |
| #81-5461                     | #82-5574 | #83-5630 | #84-5271 | #85-5724 | #86-5706 | #87-5647 | #88-5683 | #89-5677 | #90-5313  |
| #91-5381                     | #92-5491 | #93-5316 | #94-5707 | #95-5269 | #96-5401 | #97-5721 | #98-5323 | #99-5356 | #100-5495 |

| Type 6 #14 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5288                     | #02-5446 | #03-5608 | #04-5665 | #05-5462 | #06-5340 | #07-5411 | #08-5657 | #09-5524 | #10-5639  |
| #11-5483                     | #12-5720 | #13-5310 | #14-5372 | #15-5593 | #16-5269 | #17-5276 | #18-5599 | #19-5464 | #20-5600  |
| #21-5459                     | #22-5307 | #23-5304 | #24-5621 | #25-5604 | #26-5532 | #27-5560 | #28-5397 | #29-5502 | #30-5285  |
| #31-5595                     | #32-5659 | #33-5538 | #34-5684 | #35-5262 | #36-5266 | #37-5690 | #38-5686 | #39-5531 | #40-5633  |
| #41-5544                     | #42-5712 | #43-5406 | #44-5291 | #45-5550 | #46-5387 | #47-5431 | #48-5664 | #49-5362 | #50-5724  |
| #51-5376                     | #52-5370 | #53-5578 | #54-5477 | #55-5287 | #56-5705 | #57-5391 | #58-5711 | #59-5314 | #60-5651  |
| #61-5500                     | #62-5261 | #63-5405 | #64-5487 | #65-5296 | #66-5551 | #67-5432 | #68-5353 | #69-5359 | #70-5577  |
| #71-5311                     | #72-5320 | #73-5322 | #74-5555 | #75-5306 | #76-5475 | #77-5625 | #78-5264 | #79-5325 | #80-5468  |
| #81-5354                     | #82-5623 | #83-5284 | #84-5507 | #85-5636 | #86-5478 | #87-5333 | #88-5317 | #89-5647 | #90-5282  |
| #91-5601                     | #92-5699 | #93-5624 | #94-5603 | #95-5386 | #96-5533 | #97-5558 | #98-5646 | #99-5719 | #100-5250 |

| Type 6 #15 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5681                     | #02-5329 | #03-5555 | #04-5508 | #05-5667 | #06-5310 | #07-5304 | #08-5276 | #09-5425 | #10-5538  |
| #11-5334                     | #12-5379 | #13-5645 | #14-5571 | #15-5556 | #16-5607 | #17-5704 | #18-5626 | #19-5578 | #20-5540  |
| #21-5473                     | #22-5370 | #23-5432 | #24-5325 | #25-5705 | #26-5332 | #27-5416 | #28-5438 | #29-5424 | #30-5495  |
| #31-5641                     | #32-5703 | #33-5267 | #34-5315 | #35-5509 | #36-5268 | #37-5317 | #38-5500 | #39-5562 | #40-5576  |
| #41-5420                     | #42-5297 | #43-5612 | #44-5359 | #45-5676 | #46-5472 | #47-5303 | #48-5302 | #49-5296 | #50-5499  |
| #51-5557                     | #52-5657 | #53-5319 | #54-5431 | #55-5503 | #56-5564 | #57-5624 | #58-5480 | #59-5531 | #60-5590  |
| #61-5622                     | #62-5595 | #63-5580 | #64-5656 | #65-5625 | #66-5355 | #67-5361 | #68-5581 | #69-5311 | #70-5533  |
| #71-5539                     | #72-5452 | #73-5318 | #74-5254 | #75-5376 | #76-5427 | #77-5485 | #78-5330 | #79-5380 | #80-5481  |
| #81-5275                     | #82-5367 | #83-5394 | #84-5658 | #85-5671 | #86-5712 | #87-5640 | #88-5567 | #89-5542 | #90-5678  |
| #91-5375                     | #92-5561 | #93-5696 | #94-5699 | #95-5682 | #96-5549 | #97-5445 | #98-5684 | #99-5457 | #100-5573 |

| Type 6 #16 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5363                     | #02-5450 | #03-5717 | #04-5487 | #05-5681 | #06-5350 | #07-5589 | #08-5309 | #09-5304 | #10-5324  |
| #11-5326                     | #12-5547 | #13-5357 | #14-5297 | #15-5561 | #16-5509 | #17-5455 | #18-5651 | #19-5712 | #20-5637  |
| #21-5440                     | #22-5519 | #23-5286 | #24-5366 | #25-5415 | #26-5703 | #27-5484 | #28-5342 | #29-5300 | #30-5546  |
| #31-5704                     | #32-5531 | #33-5593 | #34-5528 | #35-5371 | #36-5554 | #37-5373 | #38-5628 | #39-5693 | #40-5566  |
| #41-5372                     | #42-5579 | #43-5508 | #44-5466 | #45-5601 | #46-5551 | #47-5454 | #48-5647 | #49-5389 | #50-5420  |
| #51-5347                     | #52-5520 | #53-5691 | #54-5545 | #55-5383 | #56-5573 | #57-5411 | #58-5607 | #59-5318 | #60-5700  |
| #61-5595                     | #62-5494 | #63-5257 | #64-5482 | #65-5339 | #66-5518 | #67-5678 | #68-5553 | #69-5657 | #70-5258  |
| #71-5388                     | #72-5550 | #73-5679 | #74-5398 | #75-5514 | #76-5590 | #77-5256 | #78-5543 | #79-5483 | #80-5591  |
| #81-5493                     | #82-5564 | #83-5676 | #84-5610 | #85-5438 | #86-5429 | #87-5562 | #88-5290 | #89-5392 | #90-5516  |
| #91-5385                     | #92-5485 | #93-5557 | #94-5719 | #95-5696 | #96-5602 | #97-5570 | #98-5272 | #99-5368 | #100-5323 |

| Type 6 #17 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5595                     | #02-5629 | #03-5715 | #04-5379 | #05-5283 | #06-5523 | #07-5563 | #08-5543 | #09-5277 | #10-5517  |
| #11-5562                     | #12-5591 | #13-5364 | #14-5458 | #15-5451 | #16-5280 | #17-5544 | #18-5378 | #19-5291 | #20-5636  |
| #21-5685                     | #22-5637 | #23-5407 | #24-5384 | #25-5594 | #26-5622 | #27-5721 | #28-5688 | #29-5426 | #30-5647  |
| #31-5268                     | #32-5706 | #33-5420 | #34-5409 | #35-5716 | #36-5589 | #37-5568 | #38-5541 | #39-5569 | #40-5644  |
| #41-5592                     | #42-5265 | #43-5266 | #44-5599 | #45-5681 | #46-5514 | #47-5370 | #48-5342 | #49-5506 | #50-5664  |
| #51-5303                     | #52-5436 | #53-5708 | #54-5462 | #55-5365 | #56-5683 | #57-5468 | #58-5575 | #59-5503 | #60-5382  |
| #61-5522                     | #62-5600 | #63-5360 | #64-5351 | #65-5493 | #66-5576 | #67-5415 | #68-5677 | #69-5464 | #70-5580  |
| #71-5429                     | #72-5722 | #73-5526 | #74-5362 | #75-5287 | #76-5665 | #77-5616 | #78-5525 | #79-5419 | #80-5317  |
| #81-5489                     | #82-5625 | #83-5417 | #84-5480 | #85-5590 | #86-5549 | #87-5723 | #88-5679 | #89-5290 | #90-5279  |
| #91-5367                     | #92-5713 | #93-5285 | #94-5432 | #95-5358 | #96-5718 | #97-5620 | #98-5632 | #99-5343 | #100-5347 |

| Type 6 #18 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5354                     | #02-5420 | #03-5601 | #04-5655 | #05-5481 | #06-5304 | #07-5632 | #08-5588 | #09-5427 | #10-5426  |
| #11-5316                     | #12-5665 | #13-5404 | #14-5443 | #15-5613 | #16-5627 | #17-5425 | #18-5604 | #19-5488 | #20-5672  |
| #21-5578                     | #22-5460 | #23-5639 | #24-5435 | #25-5462 | #26-5440 | #27-5688 | #28-5342 | #29-5252 | #30-5290  |
| #31-5292                     | #32-5709 | #33-5432 | #34-5321 | #35-5692 | #36-5327 | #37-5274 | #38-5497 | #39-5255 | #40-5540  |
| #41-5648                     | #42-5383 | #43-5508 | #44-5589 | #45-5690 | #46-5433 | #47-5560 | #48-5567 | #49-5546 | #50-5466  |
| #51-5542                     | #52-5269 | #53-5394 | #54-5401 | #55-5499 | #56-5620 | #57-5509 | #58-5410 | #59-5445 | #60-5288  |
| #61-5343                     | #62-5536 | #63-5587 | #64-5381 | #65-5379 | #66-5332 | #67-5485 | #68-5333 | #69-5479 | #70-5539  |
| #71-5606                     | #72-5661 | #73-5602 | #74-5677 | #75-5270 | #76-5450 | #77-5684 | #78-5298 | #79-5474 | #80-5279  |
| #81-5609                     | #82-5366 | #83-5526 | #84-5517 | #85-5476 | #86-5273 | #87-5564 | #88-5278 | #89-5554 | #90-5323  |
| #91-5550                     | #92-5591 | #93-5303 | #94-5696 | #95-5447 | #96-5363 | #97-5525 | #98-5370 | #99-5459 | #100-5615 |

| Type 6 #19 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5676                     | #02-5477 | #03-5342 | #04-5262 | #05-5588 | #06-5610 | #07-5394 | #08-5449 | #09-5383 | #10-5298  |
| #11-5663                     | #12-5459 | #13-5667 | #14-5414 | #15-5409 | #16-5701 | #17-5261 | #18-5323 | #19-5635 | #20-5359  |
| #21-5499                     | #22-5455 | #23-5512 | #24-5404 | #25-5715 | #26-5266 | #27-5606 | #28-5633 | #29-5480 | #30-5631  |
| #31-5650                     | #32-5559 | #33-5565 | #34-5589 | #35-5326 | #36-5376 | #37-5275 | #38-5511 | #39-5651 | #40-5586  |
| #41-5602                     | #42-5361 | #43-5618 | #44-5500 | #45-5382 | #46-5336 | #47-5645 | #48-5611 | #49-5530 | #50-5467  |
| #51-5349                     | #52-5446 | #53-5458 | #54-5346 | #55-5358 | #56-5474 | #57-5695 | #58-5666 | #59-5272 | #60-5570  |
| #61-5253                     | #62-5487 | #63-5698 | #64-5475 | #65-5372 | #66-5350 | #67-5616 | #68-5322 | #69-5333 | #70-5282  |
| #71-5679                     | #72-5479 | #73-5400 | #74-5296 | #75-5484 | #76-5388 | #77-5558 | #78-5258 | #79-5271 | #80-5628  |
| #81-5348                     | #82-5719 | #83-5355 | #84-5257 | #85-5536 | #86-5453 | #87-5356 | #88-5472 | #89-5490 | #90-5580  |
| #91-5416                     | #92-5334 | #93-5497 | #94-5327 | #95-5587 | #96-5374 | #97-5398 | #98-5402 | #99-5385 | #100-5285 |

| Type 6 #20 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5445                     | #02-5568 | #03-5526 | #04-5500 | #05-5517 | #06-5601 | #07-5300 | #08-5410 | #09-5594 | #10-5700  |
| #11-5640                     | #12-5684 | #13-5644 | #14-5367 | #15-5473 | #16-5259 | #17-5381 | #18-5688 | #19-5666 | #20-5643  |
| #21-5250                     | #22-5397 | #23-5567 | #24-5479 | #25-5593 | #26-5588 | #27-5712 | #28-5319 | #29-5433 | #30-5358  |
| #31-5719                     | #32-5413 | #33-5604 | #34-5711 | #35-5429 | #36-5499 | #37-5439 | #38-5572 | #39-5461 | #40-5656  |
| #41-5395                     | #42-5662 | #43-5596 | #44-5502 | #45-5663 | #46-5444 | #47-5408 | #48-5362 | #49-5571 | #50-5569  |
| #51-5708                     | #52-5421 | #53-5448 | #54-5454 | #55-5280 | #56-5294 | #57-5723 | #58-5292 | #59-5626 | #60-5648  |
| #61-5610                     | #62-5703 | #63-5696 | #64-5478 | #65-5701 | #66-5468 | #67-5325 | #68-5650 | #69-5657 | #70-5692  |
| #71-5534                     | #72-5523 | #73-5465 | #74-5260 | #75-5488 | #76-5308 | #77-5518 | #78-5311 | #79-5537 | #80-5386  |
| #81-5417                     | #82-5584 | #83-5460 | #84-5580 | #85-5366 | #86-5536 | #87-5683 | #88-5387 | #89-5676 | #90-5374  |
| #91-5498                     | #92-5388 | #93-5667 | #94-5532 | #95-5290 | #96-5411 | #97-5685 | #98-5354 | #99-5519 | #100-5431 |

| Type 6 #21 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5370                     | #02-5485 | #03-5432 | #04-5605 | #05-5281 | #06-5428 | #07-5679 | #08-5443 | #09-5688 | #10-5696  |
| #11-5498                     | #12-5657 | #13-5476 | #14-5483 | #15-5473 | #16-5269 | #17-5489 | #18-5361 | #19-5355 | #20-5411  |
| #21-5515                     | #22-5655 | #23-5701 | #24-5529 | #25-5439 | #26-5393 | #27-5585 | #28-5658 | #29-5689 | #30-5321  |
| #31-5343                     | #32-5405 | #33-5516 | #34-5349 | #35-5275 | #36-5665 | #37-5408 | #38-5589 | #39-5556 | #40-5671  |
| #41-5587                     | #42-5497 | #43-5433 | #44-5711 | #45-5611 | #46-5570 | #47-5641 | #48-5435 | #49-5309 | #50-5273  |
| #51-5654                     | #52-5573 | #53-5258 | #54-5360 | #55-5650 | #56-5437 | #57-5510 | #58-5627 | #59-5409 | #60-5609  |
| #61-5564                     | #62-5268 | #63-5474 | #64-5613 | #65-5597 | #66-5336 | #67-5390 | #68-5372 | #69-5456 | #70-5534  |
| #71-5582                     | #72-5623 | #73-5532 | #74-5404 | #75-5548 | #76-5263 | #77-5468 | #78-5716 | #79-5639 | #80-5593  |
| #81-5470                     | #82-5389 | #83-5595 | #84-5667 | #85-5382 | #86-5494 | #87-5391 | #88-5394 | #89-5418 | #90-5559  |
| #91-5399                     | #92-5505 | #93-5421 | #94-5673 | #95-5344 | #96-5566 | #97-5267 | #98-5544 | #99-5351 | #100-5521 |

| Type 6 #22 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5426                     | #02-5520 | #03-5705 | #04-5503 | #05-5412 | #06-5284 | #07-5292 | #08-5574 | #09-5538 | #10-5640  |
| #11-5691                     | #12-5518 | #13-5715 | #14-5543 | #15-5383 | #16-5419 | #17-5397 | #18-5537 | #19-5472 | #20-5351  |
| #21-5666                     | #22-5720 | #23-5675 | #24-5618 | #25-5374 | #26-5327 | #27-5446 | #28-5589 | #29-5305 | #30-5706  |
| #31-5719                     | #32-5648 | #33-5602 | #34-5365 | #35-5416 | #36-5678 | #37-5414 | #38-5338 | #39-5497 | #40-5352  |
| #41-5454                     | #42-5550 | #43-5585 | #44-5506 | #45-5594 | #46-5610 | #47-5511 | #48-5606 | #49-5530 | #50-5655  |
| #51-5413                     | #52-5452 | #53-5316 | #54-5256 | #55-5576 | #56-5428 | #57-5565 | #58-5330 | #59-5372 | #60-5329  |
| #61-5560                     | #62-5425 | #63-5513 | #64-5555 | #65-5644 | #66-5286 | #67-5638 | #68-5596 | #69-5369 | #70-5427  |
| #71-5253                     | #72-5303 | #73-5282 | #74-5366 | #75-5625 | #76-5363 | #77-5382 | #78-5420 | #79-5272 | #80-5489  |
| #81-5540                     | #82-5567 | #83-5302 | #84-5375 | #85-5539 | #86-5512 | #87-5582 | #88-5603 | #89-5510 | #90-5712  |
| #91-5358                     | #92-5328 | #93-5690 | #94-5417 | #95-5516 | #96-5274 | #97-5280 | #98-5279 | #99-5593 | #100-5557 |

| Type 6 #23 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5697                     | #02-5643 | #03-5482 | #04-5354 | #05-5653 | #06-5361 | #07-5420 | #08-5677 | #09-5357 | #10-5461  |
| #11-5297                     | #12-5399 | #13-5309 | #14-5610 | #15-5520 | #16-5722 | #17-5372 | #18-5393 | #19-5266 | #20-5382  |
| #21-5439                     | #22-5290 | #23-5332 | #24-5389 | #25-5316 | #26-5647 | #27-5342 | #28-5595 | #29-5576 | #30-5597  |
| #31-5334                     | #32-5351 | #33-5556 | #34-5449 | #35-5521 | #36-5622 | #37-5330 | #38-5676 | #39-5450 | #40-5430  |
| #41-5344                     | #42-5627 | #43-5494 | #44-5300 | #45-5666 | #46-5690 | #47-5270 | #48-5328 | #49-5621 | #50-5524  |
| #51-5631                     | #52-5615 | #53-5262 | #54-5463 | #55-5374 | #56-5658 | #57-5562 | #58-5349 | #59-5287 | #60-5256  |
| #61-5271                     | #62-5552 | #63-5360 | #64-5492 | #65-5386 | #66-5674 | #67-5570 | #68-5590 | #69-5347 | #70-5625  |
| #71-5641                     | #72-5428 | #73-5675 | #74-5565 | #75-5288 | #76-5535 | #77-5528 | #78-5279 | #79-5453 | #80-5358  |
| #81-5628                     | #82-5261 | #83-5701 | #84-5307 | #85-5693 | #86-5447 | #87-5339 | #88-5355 | #89-5326 | #90-5586  |
| #91-5310                     | #92-5711 | #93-5636 | #94-5445 | #95-5415 | #96-5518 | #97-5527 | #98-5251 | #99-5651 | #100-5717 |

| Type 6 #24 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5370                     | #02-5405 | #03-5710 | #04-5723 | #05-5604 | #06-5458 | #07-5667 | #08-5422 | #09-5419 | #10-5558  |
| #11-5377                     | #12-5532 | #13-5625 | #14-5662 | #15-5353 | #16-5256 | #17-5577 | #18-5296 | #19-5520 | #20-5659  |
| #21-5585                     | #22-5471 | #23-5513 | #24-5481 | #25-5565 | #26-5654 | #27-5508 | #28-5480 | #29-5406 | #30-5493  |
| #31-5261                     | #32-5524 | #33-5351 | #34-5451 | #35-5704 | #36-5467 | #37-5276 | #38-5697 | #39-5421 | #40-5479  |
| #41-5498                     | #42-5636 | #43-5650 | #44-5488 | #45-5450 | #46-5500 | #47-5329 | #48-5695 | #49-5327 | #50-5394  |
| #51-5664                     | #52-5472 | #53-5449 | #54-5713 | #55-5374 | #56-5620 | #57-5612 | #58-5475 | #59-5400 | #60-5674  |
| #61-5672                     | #62-5429 | #63-5264 | #64-5645 | #65-5548 | #66-5578 | #67-5420 | #68-5413 | #69-5683 | #70-5607  |
| #71-5705                     | #72-5599 | #73-5593 | #74-5287 | #75-5402 | #76-5673 | #77-5542 | #78-5274 | #79-5275 | #80-5313  |
| #81-5568                     | #82-5537 | #83-5392 | #84-5259 | #85-5554 | #86-5507 | #87-5316 | #88-5360 | #89-5321 | #90-5331  |
| #91-5581                     | #92-5522 | #93-5541 | #94-5468 | #95-5534 | #96-5309 | #97-5623 | #98-5251 | #99-5668 | #100-5601 |

| Type 6 #25 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5321                     | #02-5637 | #03-5262 | #04-5445 | #05-5420 | #06-5309 | #07-5603 | #08-5416 | #09-5551 | #10-5432  |
| #11-5328                     | #12-5590 | #13-5455 | #14-5342 | #15-5355 | #16-5384 | #17-5281 | #18-5254 | #19-5346 | #20-5289  |
| #21-5516                     | #22-5313 | #23-5352 | #24-5605 | #25-5280 | #26-5439 | #27-5316 | #28-5380 | #29-5488 | #30-5357  |
| #31-5302                     | #32-5550 | #33-5338 | #34-5407 | #35-5720 | #36-5662 | #37-5534 | #38-5685 | #39-5571 | #40-5503  |
| #41-5635                     | #42-5631 | #43-5545 | #44-5622 | #45-5256 | #46-5716 | #47-5324 | #48-5458 | #49-5378 | #50-5409  |
| #51-5282                     | #52-5623 | #53-5640 | #54-5632 | #55-5347 | #56-5261 | #57-5544 | #58-5395 | #59-5424 | #60-5712  |
| #61-5721                     | #62-5486 | #63-5664 | #64-5459 | #65-5387 | #66-5514 | #67-5511 | #68-5304 | #69-5353 | #70-5428  |
| #71-5584                     | #72-5329 | #73-5423 | #74-5576 | #75-5389 | #76-5612 | #77-5501 | #78-5464 | #79-5598 | #80-5290  |
| #81-5368                     | #82-5592 | #83-5251 | #84-5333 | #85-5322 | #86-5417 | #87-5643 | #88-5442 | #89-5311 | #90-5707  |
| #91-5377                     | #92-5400 | #93-5528 | #94-5583 | #95-5510 | #96-5412 | #97-5693 | #98-5348 | #99-5498 | #100-5483 |

| Type 6 #26 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5459                     | #02-5267 | #03-5354 | #04-5677 | #05-5547 | #06-5682 | #07-5454 | #08-5314 | #09-5498 | #10-5457  |
| #11-5492                     | #12-5336 | #13-5520 | #14-5376 | #15-5602 | #16-5384 | #17-5479 | #18-5585 | #19-5381 | #20-5698  |
| #21-5601                     | #22-5326 | #23-5719 | #24-5361 | #25-5298 | #26-5440 | #27-5533 | #28-5563 | #29-5318 | #30-5704  |
| #31-5642                     | #32-5404 | #33-5689 | #34-5371 | #35-5555 | #36-5343 | #37-5484 | #38-5295 | #39-5508 | #40-5362  |
| #41-5675                     | #42-5572 | #43-5655 | #44-5578 | #45-5467 | #46-5280 | #47-5598 | #48-5394 | #49-5702 | #50-5366  |
| #51-5647                     | #52-5356 | #53-5683 | #54-5516 | #55-5597 | #56-5383 | #57-5270 | #58-5716 | #59-5626 | #60-5353  |
| #61-5405                     | #62-5618 | #63-5718 | #64-5517 | #65-5538 | #66-5333 | #67-5372 | #68-5399 | #69-5545 | #70-5505  |
| #71-5625                     | #72-5429 | #73-5322 | #74-5268 | #75-5269 | #76-5279 | #77-5401 | #78-5397 | #79-5621 | #80-5264  |
| #81-5570                     | #82-5392 | #83-5586 | #84-5676 | #85-5304 | #86-5535 | #87-5447 | #88-5427 | #89-5500 | #90-5425  |
| #91-5320                     | #92-5493 | #93-5403 | #94-5408 | #95-5686 | #96-5306 | #97-5579 | #98-5390 | #99-5286 | #100-5382 |

| Type 6 #27 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5636                     | #02-5450 | #03-5571 | #04-5444 | #05-5466 | #06-5469 | #07-5279 | #08-5664 | #09-5496 | #10-5567  |
| #11-5711                     | #12-5604 | #13-5345 | #14-5609 | #15-5511 | #16-5262 | #17-5284 | #18-5292 | #19-5461 | #20-5255  |
| #21-5620                     | #22-5673 | #23-5622 | #24-5374 | #25-5432 | #26-5384 | #27-5285 | #28-5654 | #29-5312 | #30-5688  |
| #31-5428                     | #32-5258 | #33-5357 | #34-5492 | #35-5359 | #36-5370 | #37-5543 | #38-5392 | #39-5464 | #40-5562  |
| #41-5507                     | #42-5509 | #43-5655 | #44-5658 | #45-5435 | #46-5441 | #47-5395 | #48-5516 | #49-5613 | #50-5675  |
| #51-5274                     | #52-5536 | #53-5650 | #54-5283 | #55-5486 | #56-5691 | #57-5554 | #58-5446 | #59-5261 | #60-5332  |
| #61-5434                     | #62-5351 | #63-5603 | #64-5537 | #65-5388 | #66-5705 | #67-5501 | #68-5583 | #69-5504 | #70-5394  |
| #71-5447                     | #72-5623 | #73-5557 | #74-5629 | #75-5476 | #76-5361 | #77-5270 | #78-5694 | #79-5666 | #80-5719  |
| #81-5716                     | #82-5495 | #83-5295 | #84-5360 | #85-5662 | #86-5617 | #87-5330 | #88-5323 | #89-5253 | #90-5396  |
| #91-5541                     | #92-5343 | #93-5379 | #94-5381 | #95-5376 | #96-5407 | #97-5628 | #98-5368 | #99-5523 | #100-5460 |

| Type 6 #28 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5667                     | #02-5536 | #03-5259 | #04-5467 | #05-5476 | #06-5378 | #07-5705 | #08-5274 | #09-5530 | #10-5372  |
| #11-5669                     | #12-5588 | #13-5508 | #14-5268 | #15-5340 | #16-5663 | #17-5311 | #18-5491 | #19-5597 | #20-5493  |
| #21-5620                     | #22-5424 | #23-5576 | #24-5359 | #25-5580 | #26-5351 | #27-5490 | #28-5423 | #29-5502 | #30-5323  |
| #31-5459                     | #32-5627 | #33-5421 | #34-5453 | #35-5300 | #36-5429 | #37-5488 | #38-5552 | #39-5613 | #40-5537  |
| #41-5643                     | #42-5307 | #43-5520 | #44-5609 | #45-5446 | #46-5679 | #47-5562 | #48-5358 | #49-5289 | #50-5435  |
| #51-5341                     | #52-5386 | #53-5500 | #54-5273 | #55-5567 | #56-5494 | #57-5689 | #58-5629 | #59-5616 | #60-5374  |
| #61-5615                     | #62-5532 | #63-5498 | #64-5454 | #65-5641 | #66-5292 | #67-5411 | #68-5303 | #69-5695 | #70-5640  |
| #71-5422                     | #72-5484 | #73-5606 | #74-5313 | #75-5581 | #76-5563 | #77-5637 | #78-5698 | #79-5639 | #80-5631  |
| #81-5515                     | #82-5379 | #83-5381 | #84-5314 | #85-5709 | #86-5324 | #87-5375 | #88-5397 | #89-5619 | #90-5534  |
| #91-5464                     | #92-5587 | #93-5665 | #94-5480 | #95-5651 | #96-5354 | #97-5535 | #98-5308 | #99-5699 | #100-5401 |

| Type 6 #29 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5510                     | #02-5505 | #03-5392 | #04-5377 | #05-5259 | #06-5581 | #07-5506 | #08-5435 | #09-5421 | #10-5250  |
| #11-5587                     | #12-5716 | #13-5713 | #14-5707 | #15-5583 | #16-5479 | #17-5395 | #18-5432 | #19-5474 | #20-5562  |
| #21-5642                     | #22-5268 | #23-5410 | #24-5406 | #25-5419 | #26-5565 | #27-5551 | #28-5365 | #29-5388 | #30-5469  |
| #31-5277                     | #32-5573 | #33-5724 | #34-5481 | #35-5363 | #36-5262 | #37-5711 | #38-5256 | #39-5307 | #40-5374  |
| #41-5546                     | #42-5667 | #43-5699 | #44-5618 | #45-5673 | #46-5476 | #47-5600 | #48-5675 | #49-5627 | #50-5413  |
| #51-5685                     | #52-5348 | #53-5559 | #54-5380 | #55-5489 | #56-5494 | #57-5339 | #58-5706 | #59-5680 | #60-5418  |
| #61-5281                     | #62-5383 | #63-5294 | #64-5672 | #65-5696 | #66-5265 | #67-5717 | #68-5485 | #69-5591 | #70-5570  |
| #71-5492                     | #72-5387 | #73-5372 | #74-5344 | #75-5270 | #76-5694 | #77-5292 | #78-5523 | #79-5457 | #80-5662  |
| #81-5686                     | #82-5599 | #83-5464 | #84-5698 | #85-5508 | #86-5643 | #87-5260 | #88-5589 | #89-5714 | #90-5596  |
| #91-5636                     | #92-5253 | #93-5301 | #94-5608 | #95-5345 | #96-5407 | #97-5620 | #98-5279 | #99-5635 | #100-5654 |

| Type 6 #30 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5483                     | #02-5363 | #03-5334 | #04-5304 | #05-5647 | #06-5547 | #07-5699 | #08-5461 | #09-5366 | #10-5515  |
| #11-5453                     | #12-5549 | #13-5502 | #14-5263 | #15-5452 | #16-5403 | #17-5644 | #18-5315 | #19-5421 | #20-5300  |
| #21-5254                     | #22-5378 | #23-5497 | #24-5717 | #25-5656 | #26-5491 | #27-5343 | #28-5495 | #29-5251 | #30-5588  |
| #31-5326                     | #32-5266 | #33-5607 | #34-5526 | #35-5437 | #36-5581 | #37-5520 | #38-5413 | #39-5306 | #40-5686  |
| #41-5675                     | #42-5527 | #43-5476 | #44-5451 | #45-5395 | #46-5347 | #47-5479 | #48-5284 | #49-5409 | #50-5670  |
| #51-5493                     | #52-5565 | #53-5585 | #54-5595 | #55-5659 | #56-5358 | #57-5600 | #58-5342 | #59-5376 | #60-5410  |
| #61-5456                     | #62-5460 | #63-5464 | #64-5512 | #65-5439 | #66-5440 | #67-5671 | #68-5707 | #69-5559 | #70-5606  |
| #71-5619                     | #72-5485 | #73-5260 | #74-5463 | #75-5351 | #76-5458 | #77-5630 | #78-5290 | #79-5577 | #80-5566  |
| #81-5264                     | #82-5309 | #83-5333 | #84-5308 | #85-5348 | #86-5501 | #87-5412 | #88-5268 | #89-5598 | #90-5329  |
| #91-5709                     | #92-5425 | #93-5288 | #94-5629 | #95-5489 | #96-5473 | #97-5314 | #98-5696 | #99-5265 | #100-5683 |

Type 5 #1 5579 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 17              | 442245  | 77                    | 1619    | 1358    | 411689  | 857142                    |
| 2             | 2                | 17              | 202328  | 54                    | 1265    | 0       | 653441  | 857142                    |
| 3             | 3                | 17              | 493331  | 71                    | 1816    | 1687    | 360095  | 857142                    |
| 4             | 1                | 17              | 446421  | 50                    | 0       | 0       | 410671  | 857142                    |
| 5             | 2                | 17              | 18108   | 100                   | 1908    | 0       | 836926  | 857142                    |
| 6             | 3                | 17              | 13142   | 87                    | 1327    | 1605    | 840807  | 857142                    |
| 7             | 2                | 17              | 423456  | 56                    | 1515    | 0       | 432059  | 857142                    |
| 8             | 1                | 17              | 502989  | 90                    | 0       | 0       | 354063  | 857142                    |
| 9             | 1                | 17              | 855080  | 64                    | 0       | 0       | 1998    | 857142                    |
| 10            | 1                | 17              | 157626  | 100                   | 0       | 0       | 699416  | 857142                    |
| 11            | 2                | 17              | 167823  | 73                    | 1416    | 0       | 687757  | 857142                    |
| 12            | 1                | 17              | 611242  | 72                    | 0       | 0       | 245828  | 857142                    |
| 13            | 1                | 17              | 543928  | 70                    | 0       | 0       | 313144  | 857142                    |
| 14            | 3                | 17              | 255449  | 83                    | 1110    | 1220    | 599114  | 857142                    |

Type 5 #2 5576 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 9               | 798428  | 71                    | 1076    | 1051    | 199232  | 1000000                   |
| 2             | 1                | 9               | 770079  | 81                    | 0       | 0       | 229840  | 1000000                   |
| 3             | 1                | 9               | 222770  | 92                    | 0       | 0       | 777138  | 1000000                   |
| 4             | 3                | 9               | 375848  | 54                    | 1918    | 1783    | 620289  | 1000000                   |
| 5             | 1                | 9               | 632919  | 98                    | 0       | 0       | 366983  | 1000000                   |
| 6             | 3                | 9               | 957108  | 89                    | 1770    | 1688    | 39167   | 1000000                   |
| 7             | 2                | 9               | 487505  | 100                   | 1077    | 0       | 511218  | 1000000                   |
| 8             | 3                | 9               | 374587  | 68                    | 1492    | 1800    | 621917  | 1000000                   |
| 9             | 1                | 9               | 513309  | 54                    | 0       | 0       | 486637  | 1000000                   |
| 10            | 1                | 9               | 434416  | 62                    | 0       | 0       | 565522  | 1000000                   |
| 11            | 1                | 9               | 583246  | 65                    | 0       | 0       | 416689  | 1000000                   |
| 12            | 3                | 9               | 222211  | 59                    | 1757    | 1095    | 774760  | 1000000                   |

Type 5 #3 5645 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 8               | 588899  | 88                    | 0       | 0       | 211013  | 800000                    |
| 2             | 1                | 8               | 787089  | 86                    | 0       | 0       | 12825   | 800000                    |
| 3             | 2                | 8               | 265796  | 50                    | 1091    | 0       | 533013  | 800000                    |
| 4             | 1                | 8               | 355497  | 78                    | 0       | 0       | 444425  | 800000                    |
| 5             | 1                | 8               | 307528  | 88                    | 0       | 0       | 492384  | 800000                    |
| 6             | 2                | 8               | 590508  | 55                    | 1573    | 0       | 207809  | 800000                    |
| 7             | 3                | 8               | 284683  | 63                    | 1663    | 1413    | 512052  | 800000                    |
| 8             | 2                | 8               | 11690   | 91                    | 1362    | 0       | 786766  | 800000                    |
| 9             | 2                | 8               | 171162  | 70                    | 1499    | 0       | 627199  | 800000                    |
| 10            | 1                | 8               | 716161  | 99                    | 0       | 0       | 83740   | 800000                    |
| 11            | 3                | 8               | 74352   | 66                    | 1663    | 1603    | 722184  | 800000                    |
| 12            | 3                | 8               | 520683  | 97                    | 1806    | 1734    | 275486  | 800000                    |
| 13            | 1                | 8               | 124629  | 64                    | 0       | 0       | 675307  | 800000                    |
| 14            | 1                | 8               | 589121  | 51                    | 0       | 0       | 210828  | 800000                    |
| 15            | 2                | 8               | 415528  | 76                    | 1757    | 0       | 382563  | 800000                    |

Type 5 #4 5644 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 9               | 1171676 | 74                    | 0       | 0       | 28250   | 1200000                   |
| 2             | 2                | 9               | 1122668 | 80                    | 1060    | 0       | 76112   | 1200000                   |
| 3             | 2                | 9               | 1030036 | 79                    | 1002    | 0       | 168804  | 1200000                   |
| 4             | 2                | 9               | 872465  | 79                    | 1109    | 0       | 326268  | 1200000                   |
| 5             | 3                | 9               | 286726  | 56                    | 1989    | 1356    | 909761  | 1200000                   |
| 6             | 2                | 9               | 290198  | 81                    | 1082    | 0       | 908558  | 1200000                   |
| 7             | 2                | 9               | 593436  | 58                    | 1636    | 0       | 604812  | 1200000                   |
| 8             | 1                | 9               | 263001  | 58                    | 0       | 0       | 936941  | 1200000                   |
| 9             | 2                | 9               | 333365  | 63                    | 1192    | 0       | 865317  | 1200000                   |
| 10            | 3                | 9               | 318510  | 76                    | 1128    | 1195    | 878939  | 1200000                   |

Type 5 #5 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 7               | 29327   | 65                    | 0       | 0       | 1303941 | 1333333                   |
| 2             | 3                | 7               | 543405  | 99                    | 1094    | 1694    | 786843  | 1333333                   |
| 3             | 2                | 7               | 559157  | 58                    | 1363    | 0       | 772697  | 1333333                   |
| 4             | 3                | 7               | 1265804 | 74                    | 1178    | 1636    | 64493   | 1333333                   |
| 5             | 1                | 7               | 585353  | 88                    | 0       | 0       | 747892  | 1333333                   |
| 6             | 2                | 7               | 120185  | 97                    | 1467    | 0       | 1211487 | 1333333                   |
| 7             | 1                | 7               | 438942  | 68                    | 0       | 0       | 894323  | 1333333                   |
| 8             | 1                | 7               | 262920  | 94                    | 0       | 0       | 1070319 | 1333333                   |
| 9             | 2                | 7               | 627828  | 64                    | 1097    | 0       | 704280  | 1333333                   |

Type 5 #6 5579 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 128839  | 54                    | 1865    | 1640    | 467494  | 600000                    |
| 2             | 1                | 18              | 350642  | 77                    | 0       | 0       | 249281  | 600000                    |
| 3             | 2                | 18              | 429748  | 52                    | 1628    | 0       | 168520  | 600000                    |
| 4             | 1                | 18              | 20753   | 50                    | 0       | 0       | 579197  | 600000                    |
| 5             | 1                | 18              | 165235  | 78                    | 0       | 0       | 434687  | 600000                    |
| 6             | 2                | 18              | 364136  | 68                    | 1838    | 0       | 233890  | 600000                    |
| 7             | 2                | 18              | 574929  | 78                    | 1471    | 0       | 23444   | 600000                    |
| 8             | 2                | 18              | 432561  | 77                    | 1002    | 0       | 166283  | 600000                    |
| 9             | 1                | 18              | 192849  | 55                    | 0       | 0       | 407096  | 600000                    |
| 10            | 2                | 18              | 281698  | 81                    | 1972    | 0       | 316168  | 600000                    |
| 11            | 1                | 18              | 88908   | 88                    | 0       | 0       | 511004  | 600000                    |
| 12            | 1                | 18              | 177232  | 90                    | 0       | 0       | 422678  | 600000                    |
| 13            | 3                | 18              | 365154  | 91                    | 1239    | 1285    | 232049  | 600000                    |
| 14            | 2                | 18              | 598004  | 58                    | 1454    | 0       | 426     | 600000                    |
| 15            | 1                | 18              | 429826  | 50                    | 0       | 0       | 170124  | 600000                    |
| 16            | 1                | 18              | 554238  | 64                    | 0       | 0       | 45698   | 600000                    |
| 17            | 1                | 18              | 397882  | 61                    | 0       | 0       | 202057  | 600000                    |
| 18            | 2                | 18              | 511976  | 56                    | 1367    | 0       | 86545   | 600000                    |
| 19            | 1                | 18              | 472988  | 71                    | 0       | 0       | 126941  | 600000                    |
| 20            | 1                | 18              | 114062  | 66                    | 0       | 0       | 485872  | 600000                    |

Type 5 #7 5645 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 7               | 106996  | 75                    | 0       | 0       | 692929  | 800000                    |
| 2             | 2                | 7               | 689810  | 75                    | 1039    | 0       | 109001  | 800000                    |
| 3             | 2                | 7               | 79585   | 94                    | 1667    | 0       | 718560  | 800000                    |
| 4             | 1                | 7               | 800086  | 79                    | 0       | 0       | -165    | 800000                    |
| 5             | 1                | 7               | 30139   | 79                    | 0       | 0       | 769782  | 800000                    |
| 6             | 3                | 7               | 418903  | 60                    | 1956    | 1680    | 377281  | 800000                    |
| 7             | 1                | 7               | 335153  | 93                    | 0       | 0       | 464754  | 800000                    |
| 8             | 2                | 7               | 543914  | 54                    | 1532    | 0       | 254446  | 800000                    |
| 9             | 3                | 7               | 441289  | 96                    | 1950    | 1814    | 354659  | 800000                    |
| 10            | 3                | 7               | 30416   | 96                    | 1473    | 1263    | 766560  | 800000                    |
| 11            | 2                | 7               | 773138  | 64                    | 1760    | 0       | 24974   | 800000                    |
| 12            | 1                | 7               | 611751  | 53                    | 0       | 0       | 188196  | 800000                    |
| 13            | 1                | 7               | 412442  | 89                    | 0       | 0       | 387469  | 800000                    |
| 14            | 1                | 7               | 366961  | 50                    | 0       | 0       | 432989  | 800000                    |
| 15            | 1                | 7               | 794176  | 99                    | 0       | 0       | 5725    | 800000                    |

Type 5 #8 5642 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 15              | 277911  | 94                    | 1300    | 0       | 387267  | 666666                    |
| 2             | 1                | 15              | 383923  | 74                    | 0       | 0       | 282669  | 666666                    |
| 3             | 1                | 15              | 549186  | 53                    | 0       | 0       | 117427  | 666666                    |
| 4             | 2                | 15              | 80152   | 72                    | 1918    | 0       | 584452  | 666666                    |
| 5             | 1                | 15              | 361552  | 65                    | 0       | 0       | 305049  | 666666                    |
| 6             | 2                | 15              | 92035   | 73                    | 1403    | 0       | 573082  | 666666                    |
| 7             | 1                | 15              | 443928  | 76                    | 0       | 0       | 222662  | 666666                    |
| 8             | 1                | 15              | 394258  | 59                    | 0       | 0       | 272349  | 666666                    |
| 9             | 3                | 15              | 18416   | 73                    | 1696    | 1366    | 644969  | 666666                    |
| 10            | 2                | 15              | 292867  | 72                    | 1288    | 0       | 372367  | 666666                    |
| 11            | 1                | 15              | 659641  | 55                    | 0       | 0       | 6970    | 666666                    |
| 12            | 2                | 15              | 328826  | 99                    | 1923    | 0       | 335719  | 666666                    |
| 13            | 3                | 15              | 661527  | 72                    | 1847    | 1078    | 1998    | 666666                    |
| 14            | 2                | 15              | 618726  | 52                    | 1466    | 0       | 46370   | 666666                    |
| 15            | 2                | 15              | 302541  | 61                    | 1868    | 0       | 362135  | 666666                    |
| 16            | 1                | 15              | 181540  | 88                    | 0       | 0       | 485038  | 666666                    |
| 17            | 3                | 15              | 83040   | 55                    | 1144    | 1065    | 581252  | 666666                    |
| 18            | 1                | 15              | 504948  | 75                    | 0       | 0       | 161643  | 666666                    |

Type 5 #9 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 11              | 441112  | 81                    | 1232    | 0       | 307494  | 750000                    |
| 2             | 2                | 11              | 1845    | 99                    | 1763    | 0       | 746194  | 750000                    |
| 3             | 3                | 11              | 165263  | 62                    | 1975    | 1533    | 581043  | 750000                    |
| 4             | 1                | 11              | 630491  | 60                    | 0       | 0       | 119449  | 750000                    |
| 5             | 1                | 11              | 6905    | 89                    | 0       | 0       | 743006  | 750000                    |
| 6             | 3                | 11              | 530675  | 98                    | 1505    | 1710    | 215816  | 750000                    |
| 7             | 3                | 11              | 375407  | 56                    | 1220    | 1158    | 372047  | 750000                    |
| 8             | 2                | 11              | 99180   | 60                    | 1684    | 0       | 649016  | 750000                    |
| 9             | 2                | 11              | 587630  | 80                    | 1962    | 0       | 160248  | 750000                    |
| 10            | 2                | 11              | 35046   | 50                    | 1521    | 0       | 713333  | 750000                    |
| 11            | 2                | 11              | 624862  | 65                    | 1809    | 0       | 123199  | 750000                    |
| 12            | 2                | 11              | 691822  | 61                    | 1570    | 0       | 56486   | 750000                    |
| 13            | 1                | 11              | 213773  | 97                    | 0       | 0       | 536130  | 750000                    |
| 14            | 3                | 11              | 523745  | 51                    | 1817    | 1695    | 222590  | 750000                    |
| 15            | 3                | 11              | 132220  | 76                    | 1530    | 1707    | 614315  | 750000                    |
| 16            | 1                | 11              | 322461  | 91                    | 0       | 0       | 427448  | 750000                    |

Type 5 #10 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 18              | 357136  | 51                    | 1003    | 0       | 841759  | 1200000                   |
| 2             | 2                | 18              | 543619  | 52                    | 1345    | 0       | 654932  | 1200000                   |
| 3             | 3                | 18              | 375992  | 84                    | 1381    | 1762    | 820613  | 1200000                   |
| 4             | 3                | 18              | 122658  | 89                    | 1087    | 1997    | 1073991 | 1200000                   |
| 5             | 1                | 18              | 487716  | 83                    | 0       | 0       | 712201  | 1200000                   |
| 6             | 2                | 18              | 675194  | 60                    | 1426    | 0       | 523260  | 1200000                   |
| 7             | 1                | 18              | 735280  | 54                    | 0       | 0       | 464666  | 1200000                   |
| 8             | 3                | 18              | 571038  | 85                    | 1735    | 1403    | 625569  | 1200000                   |
| 9             | 1                | 18              | 386689  | 92                    | 0       | 0       | 813219  | 1200000                   |
| 10            | 2                | 18              | 219196  | 72                    | 1422    | 0       | 979238  | 1200000                   |

Type 5 #11 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 9               | 1244181 | 67                    | 1649    | 1892    | 252077  | 1500000                   |
| 2             | 3                | 9               | 582446  | 90                    | 1890    | 1767    | 913627  | 1500000                   |
| 3             | 1                | 9               | 78810   | 96                    | 0       | 0       | 1421094 | 1500000                   |
| 4             | 2                | 9               | 400482  | 89                    | 1520    | 0       | 1097820 | 1500000                   |
| 5             | 3                | 9               | 723457  | 67                    | 1874    | 1970    | 772498  | 1500000                   |
| 6             | 1                | 9               | 771209  | 84                    | 0       | 0       | 728707  | 1500000                   |
| 7             | 3                | 9               | 129310  | 98                    | 1303    | 1984    | 1367109 | 1500000                   |
| 8             | 2                | 9               | 54803   | 52                    | 1646    | 0       | 1443447 | 1500000                   |

Type 5 #12 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 18              | 747922  | 67                    | 1230    | 0       | 341623  | 1090909                   |
| 2             | 2                | 18              | 845220  | 52                    | 1041    | 0       | 244544  | 1090909                   |
| 3             | 3                | 18              | 1005818 | 64                    | 1348    | 1676    | 81875   | 1090909                   |
| 4             | 1                | 18              | 925034  | 86                    | 0       | 0       | 165789  | 1090909                   |
| 5             | 3                | 18              | 951640  | 64                    | 1967    | 1855    | 135255  | 1090909                   |
| 6             | 1                | 18              | 852096  | 61                    | 0       | 0       | 238752  | 1090909                   |
| 7             | 3                | 18              | 350475  | 97                    | 1693    | 1665    | 736785  | 1090909                   |
| 8             | 3                | 18              | 1026106 | 86                    | 1191    | 1498    | 61856   | 1090909                   |
| 9             | 2                | 18              | 325110  | 65                    | 1590    | 0       | 764079  | 1090909                   |
| 10            | 2                | 18              | 177458  | 96                    | 1643    | 0       | 911616  | 1090909                   |
| 11            | 2                | 18              | 417314  | 71                    | 1892    | 0       | 671561  | 1090909                   |

Type 5 #13 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 18              | 401441  | 89                    | 0       | 0       | 265136  | 666666                    |
| 2             | 3                | 18              | 349985  | 100                   | 1806    | 1188    | 313387  | 666666                    |
| 3             | 3                | 18              | 176039  | 79                    | 1985    | 1945    | 486460  | 666666                    |
| 4             | 3                | 18              | 317952  | 79                    | 1738    | 1322    | 345417  | 666666                    |
| 5             | 3                | 18              | 624305  | 66                    | 1267    | 1774    | 39122   | 666666                    |
| 6             | 2                | 18              | 299491  | 81                    | 1380    | 0       | 365633  | 666666                    |
| 7             | 1                | 18              | 394630  | 55                    | 0       | 0       | 271981  | 666666                    |
| 8             | 1                | 18              | 68424   | 81                    | 0       | 0       | 598161  | 666666                    |
| 9             | 2                | 18              | 559329  | 88                    | 1637    | 0       | 105524  | 666666                    |
| 10            | 3                | 18              | 156199  | 67                    | 1728    | 1110    | 507428  | 666666                    |
| 11            | 2                | 18              | 634487  | 74                    | 1289    | 0       | 30742   | 666666                    |
| 12            | 3                | 18              | 550566  | 66                    | 1910    | 1591    | 112401  | 666666                    |
| 13            | 3                | 18              | 560541  | 57                    | 1569    | 1136    | 103249  | 666666                    |
| 14            | 1                | 18              | 642380  | 84                    | 0       | 0       | 24202   | 666666                    |
| 15            | 1                | 18              | 479349  | 61                    | 0       | 0       | 187256  | 666666                    |
| 16            | 1                | 18              | 579414  | 83                    | 0       | 0       | 87169   | 666666                    |
| 17            | 1                | 18              | 324250  | 60                    | 0       | 0       | 342356  | 666666                    |
| 18            | 1                | 18              | 540373  | 100                   | 0       | 0       | 126193  | 666666                    |

Type 5 #14 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 5               | 347116  | 81                    | 0       | 0       | 358685  | 705882                    |
| 2             | 1                | 5               | 349960  | 85                    | 0       | 0       | 355837  | 705882                    |
| 3             | 2                | 5               | 173810  | 72                    | 1353    | 0       | 530575  | 705882                    |
| 4             | 1                | 5               | 535263  | 59                    | 0       | 0       | 170560  | 705882                    |
| 5             | 1                | 5               | 372228  | 96                    | 0       | 0       | 333558  | 705882                    |
| 6             | 2                | 5               | 412545  | 79                    | 1433    | 0       | 291746  | 705882                    |
| 7             | 1                | 5               | 386534  | 54                    | 0       | 0       | 319294  | 705882                    |
| 8             | 3                | 5               | 333453  | 98                    | 1255    | 1136    | 369744  | 705882                    |
| 9             | 3                | 5               | 400889  | 85                    | 1550    | 1726    | 301462  | 705882                    |
| 10            | 2                | 5               | 521315  | 91                    | 1132    | 0       | 183253  | 705882                    |
| 11            | 3                | 5               | 652299  | 81                    | 1315    | 1822    | 50203   | 705882                    |
| 12            | 2                | 5               | 288778  | 74                    | 1579    | 0       | 415377  | 705882                    |
| 13            | 2                | 5               | 2158    | 76                    | 1526    | 0       | 702046  | 705882                    |
| 14            | 1                | 5               | 13128   | 84                    | 0       | 0       | 692670  | 705882                    |
| 15            | 1                | 5               | 112463  | 64                    | 0       | 0       | 593355  | 705882                    |
| 16            | 1                | 5               | 137082  | 74                    | 0       | 0       | 568726  | 705882                    |
| 17            | 3                | 5               | 596097  | 52                    | 1766    | 1300    | 106563  | 705882                    |

Type 5 #15 5574 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 5               | 294425  | 83                    | 1405    | 0       | 335582  | 631578                    |
| 2             | 1                | 5               | 574002  | 51                    | 0       | 0       | 57525   | 631578                    |
| 3             | 2                | 5               | 539176  | 78                    | 1145    | 0       | 91101   | 631578                    |
| 4             | 2                | 5               | 484055  | 70                    | 1902    | 0       | 145481  | 631578                    |
| 5             | 2                | 5               | 335156  | 88                    | 1470    | 0       | 294776  | 631578                    |
| 6             | 1                | 5               | 421245  | 55                    | 0       | 0       | 210278  | 631578                    |
| 7             | 1                | 5               | 209907  | 74                    | 0       | 0       | 421597  | 631578                    |
| 8             | 3                | 5               | 184186  | 69                    | 1427    | 1451    | 444307  | 631578                    |
| 9             | 3                | 5               | 246068  | 92                    | 1449    | 1980    | 381805  | 631578                    |
| 10            | 2                | 5               | 138001  | 81                    | 1568    | 0       | 491847  | 631578                    |
| 11            | 1                | 5               | 605798  | 78                    | 0       | 0       | 25702   | 631578                    |
| 12            | 2                | 5               | 552086  | 64                    | 1121    | 0       | 78243   | 631578                    |
| 13            | 1                | 5               | 235634  | 68                    | 0       | 0       | 395876  | 631578                    |
| 14            | 1                | 5               | 139106  | 71                    | 0       | 0       | 492401  | 631578                    |
| 15            | 2                | 5               | 330124  | 68                    | 1426    | 0       | 299892  | 631578                    |
| 16            | 2                | 5               | 483980  | 73                    | 1928    | 0       | 145524  | 631578                    |
| 17            | 1                | 5               | 418594  | 56                    | 0       | 0       | 212928  | 631578                    |
| 18            | 2                | 5               | 582399  | 54                    | 1447    | 0       | 47624   | 631578                    |
| 19            | 3                | 5               | 197907  | 69                    | 1251    | 1091    | 431122  | 631578                    |

Type 5 #16 5579 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 1131588 | 83                    | 1277    | 1243    | 198976  | 1333333                   |
| 2             | 1                | 18              | 743484  | 78                    | 0       | 0       | 589771  | 1333333                   |
| 3             | 1                | 18              | 1251834 | 79                    | 0       | 0       | 81420   | 1333333                   |
| 4             | 1                | 18              | 1089920 | 92                    | 0       | 0       | 243321  | 1333333                   |
| 5             | 3                | 18              | 1127085 | 97                    | 1207    | 1505    | 203245  | 1333333                   |
| 6             | 1                | 18              | 1151665 | 63                    | 0       | 0       | 181605  | 1333333                   |
| 7             | 2                | 18              | 1141715 | 73                    | 1128    | 0       | 190344  | 1333333                   |
| 8             | 3                | 18              | 441989  | 66                    | 1479    | 1756    | 887911  | 1333333                   |
| 9             | 1                | 18              | 1296892 | 70                    | 0       | 0       | 36371   | 1333333                   |

Type 5 #17 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 9               | 223078  | 84                    | 0       | 0       | 776838  | 1000000                   |
| 2             | 1                | 9               | 717849  | 81                    | 0       | 0       | 282070  | 1000000                   |
| 3             | 2                | 9               | 178501  | 55                    | 1941    | 0       | 819448  | 1000000                   |
| 4             | 1                | 9               | 92279   | 75                    | 0       | 0       | 907646  | 1000000                   |
| 5             | 3                | 9               | 62374   | 78                    | 1615    | 1529    | 934248  | 1000000                   |
| 6             | 2                | 9               | 533497  | 77                    | 1520    | 0       | 464829  | 1000000                   |
| 7             | 3                | 9               | 555596  | 75                    | 1460    | 1691    | 441028  | 1000000                   |
| 8             | 2                | 9               | 703785  | 90                    | 1610    | 0       | 294425  | 1000000                   |
| 9             | 2                | 9               | 301225  | 99                    | 1762    | 0       | 696815  | 1000000                   |
| 10            | 2                | 9               | 481458  | 75                    | 1226    | 0       | 517166  | 1000000                   |
| 11            | 3                | 9               | 776869  | 62                    | 1938    | 1010    | 219997  | 1000000                   |
| 12            | 1                | 9               | 693869  | 80                    | 0       | 0       | 306051  | 1000000                   |

Type 5 #18 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 15              | 416933  | 99                    | 0       | 0       | 182968  | 600000                    |
| 2             | 3                | 15              | 386728  | 91                    | 1376    | 1024    | 210599  | 600000                    |
| 3             | 3                | 15              | 175206  | 88                    | 1761    | 1093    | 421676  | 600000                    |
| 4             | 2                | 15              | 312982  | 52                    | 1865    | 0       | 285049  | 600000                    |
| 5             | 3                | 15              | 343915  | 100                   | 1779    | 1270    | 252736  | 600000                    |
| 6             | 1                | 15              | 88386   | 53                    | 0       | 0       | 511561  | 600000                    |
| 7             | 3                | 15              | 361930  | 70                    | 1645    | 1142    | 235073  | 600000                    |
| 8             | 2                | 15              | 548444  | 89                    | 1001    | 0       | 50377   | 600000                    |
| 9             | 3                | 15              | 563981  | 55                    | 1011    | 1320    | 33523   | 600000                    |
| 10            | 3                | 15              | 404476  | 67                    | 1337    | 1770    | 192216  | 600000                    |
| 11            | 1                | 15              | 507706  | 79                    | 0       | 0       | 92215   | 600000                    |
| 12            | 2                | 15              | 571845  | 76                    | 1244    | 0       | 26759   | 600000                    |
| 13            | 3                | 15              | 569323  | 75                    | 1036    | 1365    | 28051   | 600000                    |
| 14            | 2                | 15              | 517551  | 85                    | 1805    | 0       | 80474   | 600000                    |
| 15            | 2                | 15              | 460305  | 81                    | 1900    | 0       | 137633  | 600000                    |
| 16            | 3                | 15              | 120101  | 67                    | 1634    | 1352    | 476712  | 600000                    |
| 17            | 2                | 15              | 343609  | 78                    | 1719    | 0       | 254516  | 600000                    |
| 18            | 2                | 15              | 454357  | 88                    | 1234    | 0       | 144233  | 600000                    |
| 19            | 2                | 15              | 585044  | 98                    | 1090    | 0       | 13670   | 600000                    |
| 20            | 3                | 15              | 318882  | 87                    | 1990    | 1175    | 277692  | 600000                    |

Type 5 #19 5646 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 6               | 457840  | 74                    | 0       | 0       | 292086  | 750000                    |
| 2             | 1                | 6               | 91481   | 61                    | 0       | 0       | 658458  | 750000                    |
| 3             | 2                | 6               | 709507  | 82                    | 1607    | 0       | 38722   | 750000                    |
| 4             | 3                | 6               | 486716  | 79                    | 1001    | 1106    | 260940  | 750000                    |
| 5             | 3                | 6               | 481890  | 64                    | 1793    | 1995    | 264130  | 750000                    |
| 6             | 1                | 6               | 659594  | 54                    | 0       | 0       | 90352   | 750000                    |
| 7             | 1                | 6               | 679151  | 71                    | 0       | 0       | 70778   | 750000                    |
| 8             | 2                | 6               | 110788  | 84                    | 1761    | 0       | 637283  | 750000                    |
| 9             | 2                | 6               | 375827  | 87                    | 1600    | 0       | 372399  | 750000                    |
| 10            | 1                | 6               | 171976  | 56                    | 0       | 0       | 577968  | 750000                    |
| 11            | 3                | 6               | 655716  | 99                    | 1498    | 1197    | 91292   | 750000                    |
| 12            | 3                | 6               | 722333  | 91                    | 1283    | 1479    | 24632   | 750000                    |
| 13            | 3                | 6               | 168808  | 57                    | 1823    | 1244    | 577954  | 750000                    |
| 14            | 2                | 6               | 606515  | 74                    | 1488    | 0       | 141849  | 750000                    |
| 15            | 3                | 6               | 594828  | 98                    | 1338    | 1911    | 151629  | 750000                    |
| 16            | 1                | 6               | 24848   | 84                    | 0       | 0       | 725068  | 750000                    |

Type 5 #20 5640 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 20              | 603372  | 52                    | 0       | 0       | 896576  | 1500000                   |
| 2             | 1                | 20              | 1042962 | 77                    | 0       | 0       | 456961  | 1500000                   |
| 3             | 2                | 20              | 125452  | 89                    | 1242    | 0       | 1373128 | 1500000                   |
| 4             | 2                | 20              | 230875  | 56                    | 1741    | 0       | 1267272 | 1500000                   |
| 5             | 2                | 20              | 977336  | 62                    | 1104    | 0       | 521436  | 1500000                   |
| 6             | 1                | 20              | 108355  | 100                   | 0       | 0       | 1391545 | 1500000                   |
| 7             | 3                | 20              | 224799  | 94                    | 1782    | 1118    | 1272019 | 1500000                   |
| 8             | 1                | 20              | 1255438 | 76                    | 0       | 0       | 244486  | 1500000                   |

Type 5 #21 5610 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 9               | 744227  | 78                    | 1003    | 0       | 4614    | 750000                    |
| 2             | 3                | 9               | 616754  | 60                    | 1877    | 1551    | 129638  | 750000                    |
| 3             | 3                | 9               | 365391  | 57                    | 1391    | 1640    | 381407  | 750000                    |
| 4             | 2                | 9               | 493378  | 62                    | 1819    | 0       | 254679  | 750000                    |
| 5             | 2                | 9               | 527961  | 57                    | 1837    | 0       | 220088  | 750000                    |
| 6             | 3                | 9               | 344861  | 82                    | 1627    | 1213    | 402053  | 750000                    |
| 7             | 2                | 9               | 144132  | 61                    | 1459    | 0       | 604287  | 750000                    |
| 8             | 1                | 9               | 680427  | 51                    | 0       | 0       | 69522   | 750000                    |
| 9             | 2                | 9               | 279176  | 53                    | 1325    | 0       | 469393  | 750000                    |
| 10            | 1                | 9               | 29119   | 60                    | 0       | 0       | 720821  | 750000                    |
| 11            | 3                | 9               | 131291  | 76                    | 1825    | 1492    | 615164  | 750000                    |
| 12            | 3                | 9               | 175752  | 89                    | 1007    | 1192    | 571782  | 750000                    |
| 13            | 3                | 9               | 129550  | 79                    | 1361    | 1414    | 617438  | 750000                    |
| 14            | 1                | 9               | 284487  | 71                    | 0       | 0       | 465442  | 750000                    |
| 15            | 1                | 9               | 67700   | 57                    | 0       | 0       | 682243  | 750000                    |
| 16            | 1                | 9               | 459706  | 91                    | 0       | 0       | 290203  | 750000                    |

Type 5 #22 5580 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 20              | 134352  | 58                    | 1443    | 0       | 954998  | 1090909                   |
| 2             | 2                | 20              | 731154  | 53                    | 1843    | 0       | 357806  | 1090909                   |
| 3             | 2                | 20              | 965836  | 75                    | 1965    | 0       | 122958  | 1090909                   |
| 4             | 3                | 20              | 336514  | 50                    | 1008    | 1743    | 751494  | 1090909                   |
| 5             | 3                | 20              | 328474  | 79                    | 1685    | 1874    | 758639  | 1090909                   |
| 6             | 2                | 20              | 365920  | 77                    | 1594    | 0       | 723241  | 1090909                   |
| 7             | 1                | 20              | 353050  | 71                    | 0       | 0       | 737788  | 1090909                   |
| 8             | 3                | 20              | 406030  | 95                    | 1298    | 1870    | 681426  | 1090909                   |
| 9             | 3                | 20              | 549146  | 62                    | 1446    | 1802    | 538329  | 1090909                   |
| 10            | 3                | 20              | 825514  | 90                    | 1694    | 1203    | 262228  | 1090909                   |
| 11            | 2                | 20              | 446766  | 99                    | 1585    | 0       | 642360  | 1090909                   |

Type 5 #23 5642 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 15              | 121663  | 61                    | 0       | 0       | 544942  | 666666                    |
| 2             | 2                | 15              | 582412  | 57                    | 1117    | 0       | 83023   | 666666                    |
| 3             | 1                | 15              | 224604  | 97                    | 0       | 0       | 441965  | 666666                    |
| 4             | 1                | 15              | 532747  | 53                    | 0       | 0       | 133866  | 666666                    |
| 5             | 3                | 15              | 346202  | 87                    | 1901    | 1821    | 316481  | 666666                    |
| 6             | 3                | 15              | 151439  | 91                    | 1738    | 1973    | 511243  | 666666                    |
| 7             | 3                | 15              | 91481   | 82                    | 1060    | 1010    | 572869  | 666666                    |
| 8             | 2                | 15              | 437243  | 65                    | 1322    | 0       | 227971  | 666666                    |
| 9             | 2                | 15              | 462337  | 75                    | 1973    | 0       | 202206  | 666666                    |
| 10            | 1                | 15              | 225419  | 62                    | 0       | 0       | 441185  | 666666                    |
| 11            | 3                | 15              | 550378  | 66                    | 1007    | 1577    | 113506  | 666666                    |
| 12            | 3                | 15              | 110300  | 85                    | 1751    | 1367    | 552993  | 666666                    |
| 13            | 2                | 15              | 583992  | 74                    | 1128    | 0       | 81398   | 666666                    |
| 14            | 3                | 15              | 316691  | 87                    | 1101    | 1492    | 347121  | 666666                    |
| 15            | 2                | 15              | 344877  | 54                    | 1324    | 0       | 320357  | 666666                    |
| 16            | 3                | 15              | 100505  | 54                    | 1745    | 1489    | 562765  | 666666                    |
| 17            | 2                | 15              | 91719   | 71                    | 1621    | 0       | 573184  | 666666                    |
| 18            | 3                | 15              | 225918  | 66                    | 1880    | 1555    | 437115  | 666666                    |

Type 5 #24 5575 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 8               | 567638  | 71                    | 1845    | 0       | 97041   | 666666                    |
| 2             | 2                | 8               | 200666  | 75                    | 1549    | 0       | 464301  | 666666                    |
| 3             | 3                | 8               | 317444  | 83                    | 1622    | 1335    | 346016  | 666666                    |
| 4             | 1                | 8               | 262020  | 86                    | 0       | 0       | 404560  | 666666                    |
| 5             | 3                | 8               | 345710  | 99                    | 1783    | 1613    | 317263  | 666666                    |
| 6             | 1                | 8               | 211149  | 80                    | 0       | 0       | 455437  | 666666                    |
| 7             | 3                | 8               | 24642   | 53                    | 1279    | 1556    | 639030  | 666666                    |
| 8             | 1                | 8               | 79717   | 70                    | 0       | 0       | 586879  | 666666                    |
| 9             | 3                | 8               | 599968  | 80                    | 1269    | 1017    | 64172   | 666666                    |
| 10            | 2                | 8               | 594123  | 50                    | 1778    | 0       | 70665   | 666666                    |
| 11            | 1                | 8               | 297586  | 97                    | 0       | 0       | 368983  | 666666                    |
| 12            | 2                | 8               | 220798  | 82                    | 1232    | 0       | 444472  | 666666                    |
| 13            | 2                | 8               | 418466  | 96                    | 1172    | 0       | 246836  | 666666                    |
| 14            | 2                | 8               | 450163  | 69                    | 1065    | 0       | 215300  | 666666                    |
| 15            | 1                | 8               | 576425  | 86                    | 0       | 0       | 90155   | 666666                    |
| 16            | 2                | 8               | 291570  | 57                    | 1703    | 0       | 373279  | 666666                    |
| 17            | 2                | 8               | 604114  | 59                    | 1161    | 0       | 61273   | 666666                    |
| 18            | 2                | 8               | 73677   | 77                    | 1137    | 0       | 591698  | 666666                    |

Type 5 #25 5644 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 11              | 705176  | 69                    | 0       | 0       | 628088  | 1333333                   |
| 2             | 1                | 11              | 399771  | 83                    | 0       | 0       | 933479  | 1333333                   |
| 3             | 1                | 11              | 28468   | 100                   | 0       | 0       | 1304765 | 1333333                   |
| 4             | 1                | 11              | 1061053 | 92                    | 0       | 0       | 272188  | 1333333                   |
| 5             | 1                | 11              | 128803  | 57                    | 0       | 0       | 1204473 | 1333333                   |
| 6             | 1                | 11              | 655204  | 88                    | 0       | 0       | 678041  | 1333333                   |
| 7             | 2                | 11              | 129290  | 98                    | 1911    | 0       | 1201936 | 1333333                   |
| 8             | 3                | 11              | 820852  | 96                    | 1080    | 1326    | 509787  | 1333333                   |
| 9             | 2                | 11              | 681667  | 95                    | 1915    | 0       | 649561  | 1333333                   |

Type 5 #26 5641 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 135544  | 81                    | 1535    | 1279    | 1361399 | 1500000                   |
| 2             | 2                | 18              | 453323  | 100                   | 1149    | 0       | 1045328 | 1500000                   |
| 3             | 1                | 18              | 1109658 | 50                    | 0       | 0       | 390292  | 1500000                   |
| 4             | 3                | 18              | 1042056 | 60                    | 1219    | 1077    | 455468  | 1500000                   |
| 5             | 2                | 18              | 394449  | 61                    | 1493    | 0       | 1103936 | 1500000                   |
| 6             | 1                | 18              | 992544  | 83                    | 0       | 0       | 507373  | 1500000                   |
| 7             | 2                | 18              | 203869  | 77                    | 1429    | 0       | 1294548 | 1500000                   |
| 8             | 1                | 18              | 527731  | 87                    | 0       | 0       | 972182  | 1500000                   |

Type 5 #27 5574 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 6               | 439220  | 96                    | 1607    | 1772    | 648022  | 1090909                   |
| 2             | 1                | 6               | 148912  | 74                    | 0       | 0       | 941923  | 1090909                   |
| 3             | 1                | 6               | 409207  | 69                    | 0       | 0       | 681633  | 1090909                   |
| 4             | 2                | 6               | 532740  | 94                    | 1945    | 0       | 556036  | 1090909                   |
| 5             | 3                | 6               | 476868  | 89                    | 1628    | 1318    | 610828  | 1090909                   |
| 6             | 1                | 6               | 281097  | 69                    | 0       | 0       | 809743  | 1090909                   |
| 7             | 2                | 6               | 458336  | 67                    | 1965    | 0       | 630474  | 1090909                   |
| 8             | 1                | 6               | 974048  | 68                    | 0       | 0       | 116793  | 1090909                   |
| 9             | 2                | 6               | 393892  | 63                    | 1466    | 0       | 695425  | 1090909                   |
| 10            | 2                | 6               | 483031  | 94                    | 1910    | 0       | 605780  | 1090909                   |
| 11            | 1                | 6               | 819361  | 98                    | 0       | 0       | 271450  | 1090909                   |

Type 5 #28 5576 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 11              | 174257  | 89                    | 1018    | 0       | 624547  | 800000                    |
| 2             | 2                | 11              | 497046  | 90                    | 1301    | 0       | 301473  | 800000                    |
| 3             | 1                | 11              | 42058   | 99                    | 0       | 0       | 757843  | 800000                    |
| 4             | 1                | 11              | 566213  | 61                    | 0       | 0       | 233726  | 800000                    |
| 5             | 1                | 11              | 423060  | 89                    | 0       | 0       | 376851  | 800000                    |
| 6             | 2                | 11              | 794519  | 98                    | 1851    | 0       | 3434    | 800000                    |
| 7             | 2                | 11              | 690654  | 94                    | 1466    | 0       | 107692  | 800000                    |
| 8             | 3                | 11              | 238014  | 59                    | 1557    | 1730    | 558522  | 800000                    |
| 9             | 3                | 11              | 59167   | 91                    | 1768    | 1568    | 737224  | 800000                    |
| 10            | 1                | 11              | 381419  | 51                    | 0       | 0       | 418530  | 800000                    |
| 11            | 3                | 11              | 659007  | 94                    | 1105    | 1600    | 138006  | 800000                    |
| 12            | 1                | 11              | 61304   | 91                    | 0       | 0       | 738605  | 800000                    |
| 13            | 1                | 11              | 147995  | 96                    | 0       | 0       | 651909  | 800000                    |
| 14            | 2                | 11              | 170300  | 100                   | 1507    | 0       | 627993  | 800000                    |
| 15            | 1                | 11              | 794328  | 75                    | 0       | 0       | 5597    | 800000                    |

Type 5 #29 5574 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 6               | 419830  | 90                    | 0       | 0       | 285962  | 705882                    |
| 2             | 2                | 6               | 362745  | 97                    | 1997    | 0       | 340946  | 705882                    |
| 3             | 3                | 6               | 114711  | 97                    | 1066    | 1751    | 588063  | 705882                    |
| 4             | 3                | 6               | 318428  | 97                    | 1265    | 1583    | 384315  | 705882                    |
| 5             | 2                | 6               | 691904  | 85                    | 1826    | 0       | 11982   | 705882                    |
| 6             | 1                | 6               | 519777  | 94                    | 0       | 0       | 186011  | 705882                    |
| 7             | 2                | 6               | 41584   | 92                    | 1384    | 0       | 662730  | 705882                    |
| 8             | 1                | 6               | 23197   | 75                    | 0       | 0       | 682610  | 705882                    |
| 9             | 1                | 6               | 702344  | 72                    | 0       | 0       | 3466    | 705882                    |
| 10            | 2                | 6               | 4991    | 63                    | 1991    | 0       | 698774  | 705882                    |
| 11            | 3                | 6               | 426960  | 54                    | 1938    | 1185    | 275637  | 705882                    |
| 12            | 2                | 6               | 665093  | 88                    | 1104    | 0       | 39509   | 705882                    |
| 13            | 2                | 6               | 550004  | 81                    | 1119    | 0       | 154597  | 705882                    |
| 14            | 2                | 6               | 202274  | 55                    | 1683    | 0       | 501815  | 705882                    |
| 15            | 3                | 6               | 488014  | 74                    | 1605    | 1232    | 214809  | 705882                    |
| 16            | 3                | 6               | 166803  | 79                    | 1181    | 1554    | 536107  | 705882                    |
| 17            | 1                | 6               | 564843  | 52                    | 0       | 0       | 140987  | 705882                    |

Type 5 #30 5645 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 7               | 349226  | 69                    | 1495    | 0       | 740050  | 1090909                   |
| 2             | 1                | 7               | 173355  | 60                    | 0       | 0       | 917494  | 1090909                   |
| 3             | 1                | 7               | 1025658 | 86                    | 0       | 0       | 65165   | 1090909                   |
| 4             | 2                | 7               | 995541  | 66                    | 1953    | 0       | 93283   | 1090909                   |
| 5             | 3                | 7               | 327543  | 59                    | 1924    | 1433    | 759832  | 1090909                   |
| 6             | 1                | 7               | 1071568 | 53                    | 0       | 0       | 19288   | 1090909                   |
| 7             | 1                | 7               | 1011418 | 85                    | 0       | 0       | 79406   | 1090909                   |
| 8             | 3                | 7               | 759498  | 86                    | 1960    | 1223    | 327970  | 1090909                   |
| 9             | 2                | 7               | 430536  | 75                    | 1360    | 0       | 658863  | 1090909                   |
| 10            | 2                | 7               | 398389  | 76                    | 1588    | 0       | 690780  | 1090909                   |
| 11            | 2                | 7               | 314900  | 67                    | 1331    | 0       | 774544  | 1090909                   |

**Type 6 #1 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5340 | #02-5402 | #03-5464 | #04-5681 | #05-5353 | #06-5444 | #07-5478 | #08-5568 | #09-5495 | #10-5386  |
| #11-5342 | #12-5546 | #13-5298 | #14-5379 | #15-5445 | #16-5481 | #17-5459 | #18-5490 | #19-5285 | #20-5603  |
| #21-5719 | #22-5682 | #23-5270 | #24-5343 | #25-5301 | #26-5258 | #27-5437 | #28-5331 | #29-5659 | #30-5294  |
| #31-5522 | #32-5598 | #33-5537 | #34-5470 | #35-5499 | #36-5401 | #37-5673 | #38-5468 | #39-5389 | #40-5377  |
| #41-5393 | #42-5279 | #43-5609 | #44-5506 | #45-5687 | #46-5352 | #47-5691 | #48-5334 | #49-5416 | #50-5602  |
| #51-5372 | #52-5328 | #53-5309 | #54-5380 | #55-5580 | #56-5390 | #57-5385 | #58-5371 | #59-5633 | #60-5346  |
| #61-5256 | #62-5407 | #63-5639 | #64-5457 | #65-5600 | #66-5485 | #67-5262 | #68-5565 | #69-5619 | #70-5293  |
| #71-5540 | #72-5717 | #73-5351 | #74-5640 | #75-5467 | #76-5692 | #77-5327 | #78-5510 | #79-5392 | #80-5677  |
| #81-5295 | #82-5356 | #83-5648 | #84-5311 | #85-5651 | #86-5443 | #87-5545 | #88-5418 | #89-5622 | #90-5363  |
| #91-5267 | #92-5559 | #93-5569 | #94-5291 | #95-5375 | #96-5720 | #97-5378 | #98-5417 | #99-5631 | #100-5474 |

**Type 6 #2 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5338 | #02-5381 | #03-5449 | #04-5367 | #05-5316 | #06-5380 | #07-5706 | #08-5401 | #09-5641 | #10-5610  |
| #11-5303 | #12-5606 | #13-5712 | #14-5677 | #15-5297 | #16-5630 | #17-5478 | #18-5572 | #19-5525 | #20-5410  |
| #21-5661 | #22-5578 | #23-5664 | #24-5501 | #25-5274 | #26-5703 | #27-5407 | #28-5306 | #29-5515 | #30-5464  |
| #31-5566 | #32-5648 | #33-5593 | #34-5645 | #35-5583 | #36-5636 | #37-5624 | #38-5522 | #39-5718 | #40-5513  |
| #41-5450 | #42-5385 | #43-5486 | #44-5257 | #45-5302 | #46-5384 | #47-5559 | #48-5603 | #49-5717 | #50-5458  |
| #51-5489 | #52-5518 | #53-5599 | #54-5462 | #55-5521 | #56-5477 | #57-5435 | #58-5670 | #59-5337 | #60-5334  |
| #61-5695 | #62-5649 | #63-5604 | #64-5420 | #65-5288 | #66-5374 | #67-5259 | #68-5314 | #69-5341 | #70-5383  |
| #71-5253 | #72-5675 | #73-5577 | #74-5256 | #75-5681 | #76-5523 | #77-5339 | #78-5655 | #79-5445 | #80-5612  |
| #81-5390 | #82-5526 | #83-5312 | #84-5300 | #85-5697 | #86-5294 | #87-5293 | #88-5377 | #89-5371 | #90-5354  |
| #91-5448 | #92-5683 | #93-5436 | #94-5626 | #95-5546 | #96-5531 | #97-5503 | #98-5317 | #99-5690 | #100-5646 |

**Type 6 #3 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5376 | #02-5499 | #03-5516 | #04-5584 | #05-5458 | #06-5543 | #07-5665 | #08-5598 | #09-5511 | #10-5250  |
| #11-5394 | #12-5508 | #13-5470 | #14-5450 | #15-5675 | #16-5419 | #17-5588 | #18-5556 | #19-5451 | #20-5720  |
| #21-5332 | #22-5609 | #23-5668 | #24-5712 | #25-5660 | #26-5295 | #27-5486 | #28-5678 | #29-5428 | #30-5396  |
| #31-5268 | #32-5274 | #33-5691 | #34-5524 | #35-5484 | #36-5615 | #37-5259 | #38-5449 | #39-5568 | #40-5400  |
| #41-5354 | #42-5420 | #43-5590 | #44-5367 | #45-5683 | #46-5659 | #47-5459 | #48-5706 | #49-5679 | #50-5371  |
| #51-5662 | #52-5672 | #53-5581 | #54-5695 | #55-5559 | #56-5490 | #57-5550 | #58-5522 | #59-5641 | #60-5405  |
| #61-5301 | #62-5711 | #63-5407 | #64-5355 | #65-5705 | #66-5364 | #67-5539 | #68-5666 | #69-5689 | #70-5306  |
| #71-5406 | #72-5375 | #73-5710 | #74-5296 | #75-5607 | #76-5629 | #77-5266 | #78-5540 | #79-5280 | #80-5724  |
| #81-5554 | #82-5501 | #83-5722 | #84-5307 | #85-5453 | #86-5317 | #87-5408 | #88-5718 | #89-5680 | #90-5715  |
| #91-5309 | #92-5448 | #93-5527 | #94-5398 | #95-5345 | #96-5362 | #97-5258 | #98-5474 | #99-5385 | #100-5558 |

| Type 6 #4 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5369                    | #02-5514 | #03-5265 | #04-5622 | #05-5689 | #06-5534 | #07-5688 | #08-5536 | #09-5331 | #10-5651  |
| #11-5475                    | #12-5259 | #13-5495 | #14-5646 | #15-5576 | #16-5518 | #17-5714 | #18-5356 | #19-5626 | #20-5637  |
| #21-5683                    | #22-5546 | #23-5710 | #24-5697 | #25-5723 | #26-5675 | #27-5568 | #28-5549 | #29-5667 | #30-5484  |
| #31-5619                    | #32-5505 | #33-5400 | #34-5437 | #35-5598 | #36-5295 | #37-5483 | #38-5347 | #39-5339 | #40-5645  |
| #41-5351                    | #42-5594 | #43-5633 | #44-5282 | #45-5481 | #46-5299 | #47-5682 | #48-5603 | #49-5547 | #50-5551  |
| #51-5377                    | #52-5620 | #53-5567 | #54-5465 | #55-5593 | #56-5535 | #57-5517 | #58-5289 | #59-5616 | #60-5258  |
| #61-5681                    | #62-5380 | #63-5582 | #64-5556 | #65-5274 | #66-5686 | #67-5571 | #68-5302 | #69-5292 | #70-5519  |
| #71-5276                    | #72-5607 | #73-5263 | #74-5702 | #75-5523 | #76-5333 | #77-5631 | #78-5673 | #79-5446 | #80-5669  |
| #81-5718                    | #82-5687 | #83-5250 | #84-5364 | #85-5361 | #86-5251 | #87-5658 | #88-5648 | #89-5557 | #90-5312  |
| #91-5478                    | #92-5440 | #93-5443 | #94-5334 | #95-5691 | #96-5695 | #97-5262 | #98-5325 | #99-5260 | #100-5513 |

| Type 6 #5 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5445                    | #02-5634 | #03-5567 | #04-5274 | #05-5529 | #06-5491 | #07-5613 | #08-5597 | #09-5668 | #10-5515  |
| #11-5636                    | #12-5573 | #13-5556 | #14-5674 | #15-5265 | #16-5720 | #17-5380 | #18-5469 | #19-5447 | #20-5275  |
| #21-5271                    | #22-5650 | #23-5455 | #24-5708 | #25-5287 | #26-5548 | #27-5406 | #28-5655 | #29-5260 | #30-5561  |
| #31-5324                    | #32-5557 | #33-5669 | #34-5652 | #35-5475 | #36-5335 | #37-5370 | #38-5700 | #39-5555 | #40-5593  |
| #41-5360                    | #42-5317 | #43-5712 | #44-5302 | #45-5397 | #46-5641 | #47-5614 | #48-5500 | #49-5319 | #50-5694  |
| #51-5558                    | #52-5507 | #53-5595 | #54-5709 | #55-5501 | #56-5514 | #57-5421 | #58-5580 | #59-5714 | #60-5701  |
| #61-5332                    | #62-5680 | #63-5581 | #64-5351 | #65-5437 | #66-5325 | #67-5626 | #68-5624 | #69-5438 | #70-5651  |
| #71-5590                    | #72-5402 | #73-5632 | #74-5571 | #75-5630 | #76-5677 | #77-5660 | #78-5399 | #79-5545 | #80-5361  |
| #81-5656                    | #82-5619 | #83-5576 | #84-5289 | #85-5251 | #86-5522 | #87-5685 | #88-5682 | #89-5389 | #90-5679  |
| #91-5622                    | #92-5496 | #93-5710 | #94-5565 | #95-5494 | #96-5394 | #97-5443 | #98-5598 | #99-5566 | #100-5316 |

| Type 6 #6 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5263                    | #02-5711 | #03-5310 | #04-5388 | #05-5348 | #06-5406 | #07-5599 | #08-5269 | #09-5324 | #10-5554  |
| #11-5583                    | #12-5270 | #13-5275 | #14-5600 | #15-5297 | #16-5432 | #17-5350 | #18-5547 | #19-5356 | #20-5635  |
| #21-5369                    | #22-5673 | #23-5487 | #24-5491 | #25-5274 | #26-5338 | #27-5427 | #28-5311 | #29-5321 | #30-5486  |
| #31-5478                    | #32-5306 | #33-5556 | #34-5495 | #35-5360 | #36-5676 | #37-5574 | #38-5455 | #39-5669 | #40-5577  |
| #41-5663                    | #42-5668 | #43-5614 | #44-5569 | #45-5354 | #46-5618 | #47-5493 | #48-5368 | #49-5537 | #50-5336  |
| #51-5309                    | #52-5638 | #53-5511 | #54-5678 | #55-5686 | #56-5318 | #57-5477 | #58-5548 | #59-5372 | #60-5260  |
| #61-5708                    | #62-5541 | #63-5679 | #64-5567 | #65-5333 | #66-5528 | #67-5445 | #68-5510 | #69-5498 | #70-5351  |
| #71-5588                    | #72-5624 | #73-5607 | #74-5503 | #75-5698 | #76-5422 | #77-5308 | #78-5643 | #79-5392 | #80-5387  |
| #81-5572                    | #82-5305 | #83-5499 | #84-5709 | #85-5425 | #86-5564 | #87-5522 | #88-5605 | #89-5531 | #90-5286  |
| #91-5447                    | #92-5271 | #93-5339 | #94-5656 | #95-5594 | #96-5378 | #97-5718 | #98-5294 | #99-5484 | #100-5546 |

| Type 6 #7 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5422                    | #02-5705 | #03-5592 | #04-5439 | #05-5475 | #06-5411 | #07-5280 | #08-5254 | #09-5702 | #10-5511  |
| #11-5256                    | #12-5561 | #13-5408 | #14-5708 | #15-5417 | #16-5648 | #17-5295 | #18-5692 | #19-5391 | #20-5492  |
| #21-5258                    | #22-5567 | #23-5701 | #24-5459 | #25-5623 | #26-5560 | #27-5534 | #28-5671 | #29-5635 | #30-5573  |
| #31-5429                    | #32-5266 | #33-5399 | #34-5564 | #35-5682 | #36-5589 | #37-5440 | #38-5308 | #39-5481 | #40-5261  |
| #41-5530                    | #42-5515 | #43-5622 | #44-5273 | #45-5285 | #46-5610 | #47-5586 | #48-5352 | #49-5487 | #50-5665  |
| #51-5330                    | #52-5276 | #53-5628 | #54-5721 | #55-5538 | #56-5579 | #57-5251 | #58-5382 | #59-5537 | #60-5639  |
| #61-5602                    | #62-5334 | #63-5344 | #64-5377 | #65-5332 | #66-5716 | #67-5406 | #68-5568 | #69-5277 | #70-5548  |
| #71-5456                    | #72-5711 | #73-5462 | #74-5383 | #75-5681 | #76-5464 | #77-5664 | #78-5679 | #79-5426 | #80-5267  |
| #81-5697                    | #82-5432 | #83-5435 | #84-5691 | #85-5495 | #86-5403 | #87-5361 | #88-5402 | #89-5281 | #90-5354  |
| #91-5588                    | #92-5311 | #93-5494 | #94-5566 | #95-5378 | #96-5452 | #97-5424 | #98-5498 | #99-5661 | #100-5294 |

| Type 6 #8 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5452                    | #02-5267 | #03-5329 | #04-5661 | #05-5460 | #06-5342 | #07-5536 | #08-5495 | #09-5287 | #10-5325  |
| #11-5639                    | #12-5294 | #13-5683 | #14-5527 | #15-5664 | #16-5421 | #17-5621 | #18-5373 | #19-5607 | #20-5647  |
| #21-5601                    | #22-5251 | #23-5544 | #24-5643 | #25-5690 | #26-5400 | #27-5469 | #28-5617 | #29-5253 | #30-5483  |
| #31-5292                    | #32-5422 | #33-5269 | #34-5388 | #35-5537 | #36-5684 | #37-5355 | #38-5500 | #39-5486 | #40-5405  |
| #41-5596                    | #42-5592 | #43-5369 | #44-5676 | #45-5440 | #46-5546 | #47-5350 | #48-5694 | #49-5628 | #50-5687  |
| #51-5553                    | #52-5303 | #53-5609 | #54-5270 | #55-5412 | #56-5451 | #57-5448 | #58-5410 | #59-5701 | #60-5311  |
| #61-5594                    | #62-5640 | #63-5491 | #64-5526 | #65-5284 | #66-5466 | #67-5277 | #68-5547 | #69-5716 | #70-5707  |
| #71-5319                    | #72-5374 | #73-5610 | #74-5455 | #75-5301 | #76-5260 | #77-5604 | #78-5589 | #79-5454 | #80-5393  |
| #81-5304                    | #82-5505 | #83-5717 | #84-5296 | #85-5656 | #86-5714 | #87-5534 | #88-5724 | #89-5698 | #90-5337  |
| #91-5482                    | #92-5666 | #93-5522 | #94-5425 | #95-5529 | #96-5678 | #97-5354 | #98-5564 | #99-5635 | #100-5697 |

| Type 6 #9 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5518                    | #02-5530 | #03-5701 | #04-5647 | #05-5617 | #06-5427 | #07-5413 | #08-5404 | #09-5693 | #10-5399  |
| #11-5568                    | #12-5578 | #13-5680 | #14-5552 | #15-5259 | #16-5343 | #17-5649 | #18-5447 | #19-5595 | #20-5294  |
| #21-5655                    | #22-5277 | #23-5567 | #24-5628 | #25-5469 | #26-5371 | #27-5570 | #28-5434 | #29-5648 | #30-5339  |
| #31-5630                    | #32-5290 | #33-5678 | #34-5477 | #35-5598 | #36-5491 | #37-5521 | #38-5316 | #39-5395 | #40-5473  |
| #41-5545                    | #42-5376 | #43-5278 | #44-5546 | #45-5487 | #46-5629 | #47-5712 | #48-5697 | #49-5412 | #50-5432  |
| #51-5281                    | #52-5626 | #53-5694 | #54-5591 | #55-5293 | #56-5488 | #57-5684 | #58-5321 | #59-5422 | #60-5493  |
| #61-5580                    | #62-5706 | #63-5478 | #64-5600 | #65-5492 | #66-5524 | #67-5622 | #68-5445 | #69-5676 | #70-5483  |
| #71-5539                    | #72-5577 | #73-5298 | #74-5364 | #75-5463 | #76-5520 | #77-5723 | #78-5269 | #79-5383 | #80-5562  |
| #81-5380                    | #82-5599 | #83-5267 | #84-5455 | #85-5309 | #86-5252 | #87-5323 | #88-5333 | #89-5431 | #90-5356  |
| #91-5533                    | #92-5450 | #93-5618 | #94-5633 | #95-5616 | #96-5565 | #97-5621 | #98-5396 | #99-5303 | #100-5687 |

| Type 6 #10 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5254                     | #02-5509 | #03-5268 | #04-5651 | #05-5616 | #06-5424 | #07-5580 | #08-5572 | #09-5373 | #10-5491  |
| #11-5493                     | #12-5665 | #13-5656 | #14-5582 | #15-5356 | #16-5707 | #17-5685 | #18-5270 | #19-5539 | #20-5488  |
| #21-5453                     | #22-5540 | #23-5266 | #24-5568 | #25-5680 | #26-5339 | #27-5691 | #28-5393 | #29-5474 | #30-5626  |
| #31-5628                     | #32-5566 | #33-5694 | #34-5425 | #35-5558 | #36-5601 | #37-5579 | #38-5341 | #39-5567 | #40-5609  |
| #41-5392                     | #42-5468 | #43-5686 | #44-5668 | #45-5587 | #46-5593 | #47-5515 | #48-5284 | #49-5514 | #50-5635  |
| #51-5606                     | #52-5598 | #53-5578 | #54-5525 | #55-5467 | #56-5428 | #57-5482 | #58-5412 | #59-5698 | #60-5517  |
| #61-5447                     | #62-5423 | #63-5338 | #64-5460 | #65-5584 | #66-5647 | #67-5697 | #68-5465 | #69-5269 | #70-5470  |
| #71-5365                     | #72-5589 | #73-5410 | #74-5654 | #75-5336 | #76-5709 | #77-5573 | #78-5316 | #79-5706 | #80-5327  |
| #81-5533                     | #82-5653 | #83-5594 | #84-5553 | #85-5265 | #86-5278 | #87-5712 | #88-5397 | #89-5672 | #90-5368  |
| #91-5353                     | #92-5401 | #93-5364 | #94-5295 | #95-5395 | #96-5684 | #97-5372 | #98-5455 | #99-5325 | #100-5664 |

| Type 6 #11 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5625                     | #02-5295 | #03-5264 | #04-5293 | #05-5512 | #06-5268 | #07-5431 | #08-5656 | #09-5442 | #10-5499  |
| #11-5582                     | #12-5421 | #13-5444 | #14-5612 | #15-5708 | #16-5528 | #17-5562 | #18-5504 | #19-5453 | #20-5560  |
| #21-5665                     | #22-5537 | #23-5527 | #24-5619 | #25-5367 | #26-5689 | #27-5467 | #28-5374 | #29-5500 | #30-5381  |
| #31-5579                     | #32-5363 | #33-5715 | #34-5286 | #35-5430 | #36-5494 | #37-5642 | #38-5555 | #39-5304 | #40-5250  |
| #41-5574                     | #42-5305 | #43-5693 | #44-5422 | #45-5519 | #46-5664 | #47-5694 | #48-5482 | #49-5314 | #50-5601  |
| #51-5372                     | #52-5600 | #53-5261 | #54-5495 | #55-5253 | #56-5339 | #57-5489 | #58-5370 | #59-5649 | #60-5549  |
| #61-5523                     | #62-5306 | #63-5402 | #64-5310 | #65-5647 | #66-5463 | #67-5429 | #68-5404 | #69-5426 | #70-5461  |
| #71-5614                     | #72-5257 | #73-5450 | #74-5454 | #75-5712 | #76-5613 | #77-5572 | #78-5350 | #79-5347 | #80-5428  |
| #81-5721                     | #82-5707 | #83-5316 | #84-5629 | #85-5260 | #86-5702 | #87-5355 | #88-5469 | #89-5284 | #90-5345  |
| #91-5255                     | #92-5525 | #93-5635 | #94-5483 | #95-5455 | #96-5524 | #97-5628 | #98-5638 | #99-5508 | #100-5308 |

| Type 6 #12 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5481                     | #02-5538 | #03-5308 | #04-5577 | #05-5715 | #06-5367 | #07-5399 | #08-5533 | #09-5510 | #10-5366  |
| #11-5493                     | #12-5390 | #13-5271 | #14-5466 | #15-5556 | #16-5542 | #17-5713 | #18-5502 | #19-5297 | #20-5667  |
| #21-5357                     | #22-5690 | #23-5371 | #24-5331 | #25-5456 | #26-5339 | #27-5348 | #28-5694 | #29-5250 | #30-5443  |
| #31-5709                     | #32-5658 | #33-5574 | #34-5292 | #35-5673 | #36-5432 | #37-5647 | #38-5462 | #39-5634 | #40-5615  |
| #41-5554                     | #42-5546 | #43-5679 | #44-5638 | #45-5576 | #46-5589 | #47-5495 | #48-5413 | #49-5650 | #50-5633  |
| #51-5525                     | #52-5370 | #53-5586 | #54-5561 | #55-5670 | #56-5511 | #57-5412 | #58-5700 | #59-5364 | #60-5621  |
| #61-5266                     | #62-5425 | #63-5528 | #64-5315 | #65-5380 | #66-5557 | #67-5539 | #68-5703 | #69-5509 | #70-5365  |
| #71-5612                     | #72-5494 | #73-5591 | #74-5402 | #75-5355 | #76-5532 | #77-5259 | #78-5449 | #79-5474 | #80-5594  |
| #81-5566                     | #82-5657 | #83-5289 | #84-5332 | #85-5636 | #86-5587 | #87-5318 | #88-5257 | #89-5343 | #90-5407  |
| #91-5265                     | #92-5675 | #93-5338 | #94-5262 | #95-5600 | #96-5376 | #97-5264 | #98-5611 | #99-5504 | #100-5272 |

| Type 6 #13 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5295                     | #02-5520 | #03-5624 | #04-5530 | #05-5272 | #06-5277 | #07-5506 | #08-5430 | #09-5451 | #10-5384  |
| #11-5505                     | #12-5687 | #13-5470 | #14-5502 | #15-5309 | #16-5336 | #17-5387 | #18-5446 | #19-5407 | #20-5525  |
| #21-5487                     | #22-5541 | #23-5610 | #24-5358 | #25-5355 | #26-5667 | #27-5412 | #28-5583 | #29-5539 | #30-5713  |
| #31-5528                     | #32-5373 | #33-5673 | #34-5462 | #35-5552 | #36-5296 | #37-5283 | #38-5488 | #39-5315 | #40-5614  |
| #41-5331                     | #42-5622 | #43-5537 | #44-5690 | #45-5632 | #46-5303 | #47-5454 | #48-5569 | #49-5679 | #50-5513  |
| #51-5714                     | #52-5546 | #53-5450 | #54-5712 | #55-5507 | #56-5482 | #57-5640 | #58-5515 | #59-5420 | #60-5329  |
| #61-5594                     | #62-5654 | #63-5621 | #64-5458 | #65-5585 | #66-5377 | #67-5263 | #68-5257 | #69-5682 | #70-5261  |
| #71-5301                     | #72-5626 | #73-5380 | #74-5522 | #75-5435 | #76-5595 | #77-5251 | #78-5646 | #79-5452 | #80-5304  |
| #81-5461                     | #82-5574 | #83-5630 | #84-5271 | #85-5724 | #86-5706 | #87-5647 | #88-5683 | #89-5677 | #90-5313  |
| #91-5381                     | #92-5491 | #93-5316 | #94-5707 | #95-5269 | #96-5401 | #97-5721 | #98-5323 | #99-5356 | #100-5495 |

| Type 6 #14 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5288                     | #02-5446 | #03-5608 | #04-5665 | #05-5462 | #06-5340 | #07-5411 | #08-5657 | #09-5524 | #10-5639  |
| #11-5483                     | #12-5720 | #13-5310 | #14-5372 | #15-5593 | #16-5269 | #17-5276 | #18-5599 | #19-5464 | #20-5600  |
| #21-5459                     | #22-5307 | #23-5304 | #24-5621 | #25-5604 | #26-5532 | #27-5560 | #28-5397 | #29-5502 | #30-5285  |
| #31-5595                     | #32-5659 | #33-5538 | #34-5684 | #35-5262 | #36-5266 | #37-5690 | #38-5686 | #39-5531 | #40-5633  |
| #41-5544                     | #42-5712 | #43-5406 | #44-5291 | #45-5550 | #46-5387 | #47-5431 | #48-5664 | #49-5362 | #50-5724  |
| #51-5376                     | #52-5370 | #53-5578 | #54-5477 | #55-5287 | #56-5705 | #57-5391 | #58-5711 | #59-5314 | #60-5651  |
| #61-5500                     | #62-5261 | #63-5405 | #64-5487 | #65-5296 | #66-5551 | #67-5432 | #68-5353 | #69-5359 | #70-5577  |
| #71-5311                     | #72-5320 | #73-5322 | #74-5555 | #75-5306 | #76-5475 | #77-5625 | #78-5264 | #79-5325 | #80-5468  |
| #81-5354                     | #82-5623 | #83-5284 | #84-5507 | #85-5636 | #86-5478 | #87-5333 | #88-5317 | #89-5647 | #90-5282  |
| #91-5601                     | #92-5699 | #93-5624 | #94-5603 | #95-5386 | #96-5533 | #97-5558 | #98-5646 | #99-5719 | #100-5250 |

| Type 6 #15 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5681                     | #02-5329 | #03-5555 | #04-5508 | #05-5667 | #06-5310 | #07-5304 | #08-5276 | #09-5425 | #10-5538  |
| #11-5334                     | #12-5379 | #13-5645 | #14-5571 | #15-5556 | #16-5607 | #17-5704 | #18-5626 | #19-5578 | #20-5540  |
| #21-5473                     | #22-5370 | #23-5432 | #24-5325 | #25-5705 | #26-5332 | #27-5416 | #28-5438 | #29-5424 | #30-5495  |
| #31-5641                     | #32-5703 | #33-5267 | #34-5315 | #35-5509 | #36-5268 | #37-5317 | #38-5500 | #39-5562 | #40-5576  |
| #41-5420                     | #42-5297 | #43-5612 | #44-5359 | #45-5676 | #46-5472 | #47-5303 | #48-5302 | #49-5296 | #50-5499  |
| #51-5557                     | #52-5657 | #53-5319 | #54-5431 | #55-5503 | #56-5564 | #57-5624 | #58-5480 | #59-5531 | #60-5590  |
| #61-5622                     | #62-5595 | #63-5580 | #64-5656 | #65-5625 | #66-5355 | #67-5361 | #68-5581 | #69-5311 | #70-5533  |
| #71-5539                     | #72-5452 | #73-5318 | #74-5254 | #75-5376 | #76-5427 | #77-5485 | #78-5330 | #79-5380 | #80-5481  |
| #81-5275                     | #82-5367 | #83-5394 | #84-5658 | #85-5671 | #86-5712 | #87-5640 | #88-5567 | #89-5542 | #90-5678  |
| #91-5375                     | #92-5561 | #93-5696 | #94-5699 | #95-5682 | #96-5549 | #97-5445 | #98-5684 | #99-5457 | #100-5573 |



**Title:** Mikrotiks SIA (MikroTik) RB4011iGS+5HacQ2HnD-IN-US  
**To:** FCC CFR 47 Part 15 Subpart E 15.407  
**Serial #:** MIKO93-U2\_DFS Rev A

| Type 6 #16 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5363                     | #02-5450 | #03-5717 | #04-5487 | #05-5681 | #06-5350 | #07-5589 | #08-5309 | #09-5304 | #10-5324  |
| #11-5326                     | #12-5547 | #13-5357 | #14-5297 | #15-5561 | #16-5509 | #17-5455 | #18-5651 | #19-5712 | #20-5637  |
| #21-5440                     | #22-5519 | #23-5286 | #24-5366 | #25-5415 | #26-5703 | #27-5484 | #28-5342 | #29-5300 | #30-5546  |
| #31-5704                     | #32-5531 | #33-5593 | #34-5528 | #35-5371 | #36-5554 | #37-5373 | #38-5628 | #39-5693 | #40-5566  |
| #41-5372                     | #42-5579 | #43-5508 | #44-5466 | #45-5601 | #46-5551 | #47-5454 | #48-5647 | #49-5389 | #50-5420  |
| #51-5347                     | #52-5520 | #53-5691 | #54-5545 | #55-5383 | #56-5573 | #57-5411 | #58-5607 | #59-5318 | #60-5700  |
| #61-5595                     | #62-5494 | #63-5257 | #64-5482 | #65-5339 | #66-5518 | #67-5678 | #68-5553 | #69-5657 | #70-5258  |
| #71-5388                     | #72-5550 | #73-5679 | #74-5398 | #75-5514 | #76-5590 | #77-5256 | #78-5543 | #79-5483 | #80-5591  |
| #81-5493                     | #82-5564 | #83-5676 | #84-5610 | #85-5438 | #86-5429 | #87-5562 | #88-5290 | #89-5392 | #90-5516  |
| #91-5385                     | #92-5485 | #93-5557 | #94-5719 | #95-5696 | #96-5602 | #97-5570 | #98-5272 | #99-5368 | #100-5323 |

| Type 6 #17 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5595                     | #02-5629 | #03-5715 | #04-5379 | #05-5283 | #06-5523 | #07-5563 | #08-5543 | #09-5277 | #10-5517  |
| #11-5562                     | #12-5591 | #13-5364 | #14-5458 | #15-5451 | #16-5280 | #17-5544 | #18-5378 | #19-5291 | #20-5636  |
| #21-5685                     | #22-5637 | #23-5407 | #24-5384 | #25-5594 | #26-5622 | #27-5721 | #28-5688 | #29-5426 | #30-5647  |
| #31-5268                     | #32-5706 | #33-5420 | #34-5409 | #35-5716 | #36-5589 | #37-5568 | #38-5541 | #39-5569 | #40-5644  |
| #41-5592                     | #42-5265 | #43-5266 | #44-5599 | #45-5681 | #46-5514 | #47-5370 | #48-5342 | #49-5506 | #50-5664  |
| #51-5303                     | #52-5436 | #53-5708 | #54-5462 | #55-5365 | #56-5683 | #57-5468 | #58-5575 | #59-5503 | #60-5382  |
| #61-5522                     | #62-5600 | #63-5360 | #64-5351 | #65-5493 | #66-5576 | #67-5415 | #68-5677 | #69-5464 | #70-5580  |
| #71-5429                     | #72-5722 | #73-5526 | #74-5362 | #75-5287 | #76-5665 | #77-5616 | #78-5525 | #79-5419 | #80-5317  |
| #81-5489                     | #82-5625 | #83-5417 | #84-5480 | #85-5590 | #86-5549 | #87-5723 | #88-5679 | #89-5290 | #90-5279  |
| #91-5367                     | #92-5713 | #93-5285 | #94-5432 | #95-5358 | #96-5718 | #97-5620 | #98-5632 | #99-5343 | #100-5347 |

| Type 6 #18 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #11-5316                     | #12-5665 | #13-5404 | #14-5443 | #15-5613 | #16-5627 | #17-5425 | #18-5604 | #19-5488 | #20-5672  |
| #21-5578                     | #22-5460 | #23-5639 | #24-5435 | #25-5462 | #26-5440 | #27-5688 | #28-5342 | #29-5252 | #30-5290  |
| #31-5292                     | #32-5709 | #33-5432 | #34-5321 | #35-5692 | #36-5327 | #37-5274 | #38-5497 | #39-5255 | #40-5540  |
| #41-5648                     | #42-5383 | #43-5508 | #44-5589 | #45-5690 | #46-5433 | #47-5560 | #48-5567 | #49-5546 | #50-5466  |
| #51-5542                     | #52-5269 | #53-5394 | #54-5401 | #55-5499 | #56-5620 | #57-5509 | #58-5410 | #59-5445 | #60-5288  |
| #61-5343                     | #62-5536 | #63-5587 | #64-5381 | #65-5379 | #66-5332 | #67-5485 | #68-5333 | #69-5479 | #70-5539  |
| #71-5606                     | #72-5661 | #73-5602 | #74-5677 | #75-5270 | #76-5450 | #77-5684 | #78-5298 | #79-5474 | #80-5279  |
| #81-5609                     | #82-5366 | #83-5526 | #84-5517 | #85-5476 | #86-5273 | #87-5564 | #88-5278 | #89-5554 | #90-5323  |
| #91-5550                     | #92-5591 | #93-5303 | #94-5696 | #95-5447 | #96-5363 | #97-5525 | #98-5370 | #99-5459 | #100-5615 |

| Type 6 #19 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5676                     | #02-5477 | #03-5342 | #04-5262 | #05-5588 | #06-5610 | #07-5394 | #08-5449 | #09-5383 | #10-5298  |
| #11-5663                     | #12-5459 | #13-5667 | #14-5414 | #15-5409 | #16-5701 | #17-5261 | #18-5323 | #19-5635 | #20-5359  |
| #21-5499                     | #22-5455 | #23-5512 | #24-5404 | #25-5715 | #26-5266 | #27-5606 | #28-5633 | #29-5480 | #30-5631  |
| #31-5650                     | #32-5559 | #33-5565 | #34-5589 | #35-5326 | #36-5376 | #37-5275 | #38-5511 | #39-5651 | #40-5586  |
| #41-5602                     | #42-5361 | #43-5618 | #44-5500 | #45-5382 | #46-5336 | #47-5645 | #48-5611 | #49-5530 | #50-5467  |
| #51-5349                     | #52-5446 | #53-5458 | #54-5346 | #55-5358 | #56-5474 | #57-5695 | #58-5666 | #59-5272 | #60-5570  |
| #61-5253                     | #62-5487 | #63-5698 | #64-5475 | #65-5372 | #66-5350 | #67-5616 | #68-5322 | #69-5333 | #70-5282  |
| #71-5679                     | #72-5479 | #73-5400 | #74-5296 | #75-5484 | #76-5388 | #77-5558 | #78-5258 | #79-5271 | #80-5628  |
| #81-5348                     | #82-5719 | #83-5355 | #84-5257 | #85-5536 | #86-5453 | #87-5356 | #88-5472 | #89-5490 | #90-5580  |
| #91-5416                     | #92-5334 | #93-5497 | #94-5327 | #95-5587 | #96-5374 | #97-5398 | #98-5402 | #99-5385 | #100-5285 |

| Type 6 #20 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5445                     | #02-5568 | #03-5526 | #04-5500 | #05-5517 | #06-5601 | #07-5300 | #08-5410 | #09-5594 | #10-5700  |
| #11-5640                     | #12-5684 | #13-5644 | #14-5367 | #15-5473 | #16-5259 | #17-5381 | #18-5688 | #19-5666 | #20-5643  |
| #21-5250                     | #22-5397 | #23-5567 | #24-5479 | #25-5593 | #26-5588 | #27-5712 | #28-5319 | #29-5433 | #30-5358  |
| #31-5719                     | #32-5413 | #33-5604 | #34-5711 | #35-5429 | #36-5499 | #37-5439 | #38-5572 | #39-5461 | #40-5656  |
| #41-5395                     | #42-5662 | #43-5596 | #44-5502 | #45-5663 | #46-5444 | #47-5408 | #48-5362 | #49-5571 | #50-5569  |
| #51-5708                     | #52-5421 | #53-5448 | #54-5454 | #55-5280 | #56-5294 | #57-5723 | #58-5292 | #59-5626 | #60-5648  |
| #61-5610                     | #62-5703 | #63-5696 | #64-5478 | #65-5701 | #66-5468 | #67-5325 | #68-5650 | #69-5657 | #70-5692  |
| #71-5534                     | #72-5523 | #73-5465 | #74-5260 | #75-5488 | #76-5308 | #77-5518 | #78-5311 | #79-5537 | #80-5386  |
| #81-5417                     | #82-5584 | #83-5460 | #84-5580 | #85-5366 | #86-5536 | #87-5683 | #88-5387 | #89-5676 | #90-5374  |
| #91-5498                     | #92-5388 | #93-5667 | #94-5532 | #95-5290 | #96-5411 | #97-5685 | #98-5354 | #99-5519 | #100-5431 |

| Type 6 #21 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5370                     | #02-5485 | #03-5432 | #04-5605 | #05-5281 | #06-5428 | #07-5679 | #08-5443 | #09-5688 | #10-5696  |
| #11-5498                     | #12-5657 | #13-5476 | #14-5483 | #15-5473 | #16-5269 | #17-5489 | #18-5361 | #19-5355 | #20-5411  |
| #21-5515                     | #22-5655 | #23-5701 | #24-5529 | #25-5439 | #26-5393 | #27-5585 | #28-5658 | #29-5689 | #30-5321  |
| #31-5343                     | #32-5405 | #33-5516 | #34-5349 | #35-5275 | #36-5665 | #37-5408 | #38-5589 | #39-5556 | #40-5671  |
| #41-5587                     | #42-5497 | #43-5433 | #44-5711 | #45-5611 | #46-5570 | #47-5641 | #48-5435 | #49-5309 | #50-5273  |
| #51-5654                     | #52-5573 | #53-5258 | #54-5360 | #55-5650 | #56-5437 | #57-5510 | #58-5627 | #59-5409 | #60-5609  |
| #61-5564                     | #62-5268 | #63-5474 | #64-5613 | #65-5597 | #66-5336 | #67-5390 | #68-5372 | #69-5456 | #70-5534  |
| #71-5582                     | #72-5623 | #73-5532 | #74-5404 | #75-5548 | #76-5263 | #77-5468 | #78-5716 | #79-5639 | #80-5593  |
| #81-5470                     | #82-5389 | #83-5595 | #84-5667 | #85-5382 | #86-5494 | #87-5391 | #88-5394 | #89-5418 | #90-5559  |
| #91-5399                     | #92-5505 | #93-5421 | #94-5673 | #95-5344 | #96-5566 | #97-5267 | #98-5544 | #99-5351 | #100-5521 |

| Type 6 #22 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5426                     | #02-5520 | #03-5705 | #04-5503 | #05-5412 | #06-5284 | #07-5292 | #08-5574 | #09-5538 | #10-5640  |
| #11-5691                     | #12-5518 | #13-5715 | #14-5543 | #15-5383 | #16-5419 | #17-5397 | #18-5537 | #19-5472 | #20-5351  |
| #21-5666                     | #22-5720 | #23-5675 | #24-5618 | #25-5374 | #26-5327 | #27-5446 | #28-5589 | #29-5305 | #30-5706  |
| #31-5719                     | #32-5648 | #33-5602 | #34-5365 | #35-5416 | #36-5678 | #37-5414 | #38-5338 | #39-5497 | #40-5352  |
| #41-5454                     | #42-5550 | #43-5585 | #44-5506 | #45-5594 | #46-5610 | #47-5511 | #48-5606 | #49-5530 | #50-5655  |
| #51-5413                     | #52-5452 | #53-5316 | #54-5256 | #55-5576 | #56-5428 | #57-5565 | #58-5330 | #59-5372 | #60-5329  |
| #61-5560                     | #62-5425 | #63-5513 | #64-5555 | #65-5644 | #66-5286 | #67-5638 | #68-5596 | #69-5369 | #70-5427  |
| #71-5253                     | #72-5303 | #73-5282 | #74-5366 | #75-5625 | #76-5363 | #77-5382 | #78-5420 | #79-5272 | #80-5489  |
| #81-5540                     | #82-5567 | #83-5302 | #84-5375 | #85-5539 | #86-5512 | #87-5582 | #88-5603 | #89-5510 | #90-5712  |
| #91-5358                     | #92-5328 | #93-5690 | #94-5417 | #95-5516 | #96-5274 | #97-5280 | #98-5279 | #99-5593 | #100-5557 |

| Type 6 #23 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5697                     | #02-5643 | #03-5482 | #04-5354 | #05-5653 | #06-5361 | #07-5420 | #08-5677 | #09-5357 | #10-5461  |
| #11-5297                     | #12-5399 | #13-5309 | #14-5610 | #15-5520 | #16-5722 | #17-5372 | #18-5393 | #19-5266 | #20-5382  |
| #21-5439                     | #22-5290 | #23-5332 | #24-5389 | #25-5316 | #26-5647 | #27-5342 | #28-5595 | #29-5576 | #30-5597  |
| #31-5334                     | #32-5351 | #33-5556 | #34-5449 | #35-5521 | #36-5622 | #37-5330 | #38-5676 | #39-5450 | #40-5430  |
| #41-5344                     | #42-5627 | #43-5494 | #44-5300 | #45-5666 | #46-5690 | #47-5270 | #48-5328 | #49-5621 | #50-5524  |
| #51-5631                     | #52-5615 | #53-5262 | #54-5463 | #55-5374 | #56-5658 | #57-5562 | #58-5349 | #59-5287 | #60-5256  |
| #61-5271                     | #62-5552 | #63-5360 | #64-5492 | #65-5386 | #66-5674 | #67-5570 | #68-5590 | #69-5347 | #70-5625  |
| #71-5641                     | #72-5428 | #73-5675 | #74-5565 | #75-5288 | #76-5535 | #77-5528 | #78-5279 | #79-5453 | #80-5358  |
| #81-5628                     | #82-5261 | #83-5701 | #84-5307 | #85-5693 | #86-5447 | #87-5339 | #88-5355 | #89-5326 | #90-5586  |
| #91-5310                     | #92-5711 | #93-5636 | #94-5445 | #95-5415 | #96-5518 | #97-5527 | #98-5251 | #99-5651 | #100-5717 |

| Type 6 #24 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5370                     | #02-5405 | #03-5710 | #04-5723 | #05-5604 | #06-5458 | #07-5667 | #08-5422 | #09-5419 | #10-5558  |
| #11-5377                     | #12-5532 | #13-5625 | #14-5662 | #15-5353 | #16-5256 | #17-5577 | #18-5296 | #19-5520 | #20-5659  |
| #21-5585                     | #22-5471 | #23-5513 | #24-5481 | #25-5565 | #26-5654 | #27-5508 | #28-5480 | #29-5406 | #30-5493  |
| #31-5261                     | #32-5524 | #33-5351 | #34-5451 | #35-5704 | #36-5467 | #37-5276 | #38-5697 | #39-5421 | #40-5479  |
| #41-5498                     | #42-5636 | #43-5650 | #44-5488 | #45-5450 | #46-5500 | #47-5329 | #48-5695 | #49-5327 | #50-5394  |
| #51-5664                     | #52-5472 | #53-5449 | #54-5713 | #55-5374 | #56-5620 | #57-5612 | #58-5475 | #59-5400 | #60-5674  |
| #61-5672                     | #62-5429 | #63-5264 | #64-5645 | #65-5548 | #66-5578 | #67-5420 | #68-5413 | #69-5683 | #70-5607  |
| #71-5705                     | #72-5599 | #73-5593 | #74-5287 | #75-5402 | #76-5673 | #77-5542 | #78-5274 | #79-5275 | #80-5313  |
| #81-5568                     | #82-5537 | #83-5392 | #84-5259 | #85-5554 | #86-5507 | #87-5316 | #88-5360 | #89-5321 | #90-5331  |
| #91-5581                     | #92-5522 | #93-5541 | #94-5468 | #95-5534 | #96-5309 | #97-5623 | #98-5251 | #99-5668 | #100-5601 |

| Type 6 #25 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5321                     | #02-5637 | #03-5262 | #04-5445 | #05-5420 | #06-5309 | #07-5603 | #08-5416 | #09-5551 | #10-5432  |
| #11-5328                     | #12-5590 | #13-5455 | #14-5342 | #15-5355 | #16-5384 | #17-5281 | #18-5254 | #19-5346 | #20-5289  |
| #21-5516                     | #22-5313 | #23-5352 | #24-5605 | #25-5280 | #26-5439 | #27-5316 | #28-5380 | #29-5488 | #30-5357  |
| #31-5302                     | #32-5550 | #33-5338 | #34-5407 | #35-5720 | #36-5662 | #37-5534 | #38-5685 | #39-5571 | #40-5503  |
| #41-5635                     | #42-5631 | #43-5545 | #44-5622 | #45-5256 | #46-5716 | #47-5324 | #48-5458 | #49-5378 | #50-5409  |
| #51-5282                     | #52-5623 | #53-5640 | #54-5632 | #55-5347 | #56-5261 | #57-5544 | #58-5395 | #59-5424 | #60-5712  |
| #61-5721                     | #62-5486 | #63-5664 | #64-5459 | #65-5387 | #66-5514 | #67-5511 | #68-5304 | #69-5353 | #70-5428  |
| #71-5584                     | #72-5329 | #73-5423 | #74-5576 | #75-5389 | #76-5612 | #77-5501 | #78-5464 | #79-5598 | #80-5290  |
| #81-5368                     | #82-5592 | #83-5251 | #84-5333 | #85-5322 | #86-5417 | #87-5643 | #88-5442 | #89-5311 | #90-5707  |
| #91-5377                     | #92-5400 | #93-5528 | #94-5583 | #95-5510 | #96-5412 | #97-5693 | #98-5348 | #99-5498 | #100-5483 |

| Type 6 #26 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5459                     | #02-5267 | #03-5354 | #04-5677 | #05-5547 | #06-5682 | #07-5454 | #08-5314 | #09-5498 | #10-5457  |
| #11-5492                     | #12-5336 | #13-5520 | #14-5376 | #15-5602 | #16-5384 | #17-5479 | #18-5585 | #19-5381 | #20-5698  |
| #21-5601                     | #22-5326 | #23-5719 | #24-5361 | #25-5298 | #26-5440 | #27-5533 | #28-5563 | #29-5318 | #30-5704  |
| #31-5642                     | #32-5404 | #33-5689 | #34-5371 | #35-5555 | #36-5343 | #37-5484 | #38-5295 | #39-5508 | #40-5362  |
| #41-5675                     | #42-5572 | #43-5655 | #44-5578 | #45-5467 | #46-5280 | #47-5598 | #48-5394 | #49-5702 | #50-5366  |
| #51-5647                     | #52-5356 | #53-5683 | #54-5516 | #55-5597 | #56-5383 | #57-5270 | #58-5716 | #59-5626 | #60-5353  |
| #61-5405                     | #62-5618 | #63-5718 | #64-5517 | #65-5538 | #66-5333 | #67-5372 | #68-5399 | #69-5545 | #70-5505  |
| #71-5625                     | #72-5429 | #73-5322 | #74-5268 | #75-5269 | #76-5279 | #77-5401 | #78-5397 | #79-5621 | #80-5264  |
| #81-5570                     | #82-5392 | #83-5586 | #84-5676 | #85-5304 | #86-5535 | #87-5447 | #88-5427 | #89-5500 | #90-5425  |
| #91-5320                     | #92-5493 | #93-5403 | #94-5408 | #95-5686 | #96-5306 | #97-5579 | #98-5390 | #99-5286 | #100-5382 |

| Type 6 #27 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5636                     | #02-5450 | #03-5571 | #04-5444 | #05-5466 | #06-5469 | #07-5279 | #08-5664 | #09-5496 | #10-5567  |
| #11-5711                     | #12-5604 | #13-5345 | #14-5609 | #15-5511 | #16-5262 | #17-5284 | #18-5292 | #19-5461 | #20-5255  |
| #21-5620                     | #22-5673 | #23-5622 | #24-5374 | #25-5432 | #26-5384 | #27-5285 | #28-5654 | #29-5312 | #30-5688  |
| #31-5428                     | #32-5258 | #33-5357 | #34-5492 | #35-5359 | #36-5370 | #37-5543 | #38-5392 | #39-5464 | #40-5562  |
| #41-5507                     | #42-5509 | #43-5655 | #44-5658 | #45-5435 | #46-5441 | #47-5395 | #48-5516 | #49-5613 | #50-5675  |
| #51-5274                     | #52-5536 | #53-5650 | #54-5283 | #55-5486 | #56-5691 | #57-5554 | #58-5446 | #59-5261 | #60-5332  |
| #61-5434                     | #62-5351 | #63-5603 | #64-5537 | #65-5388 | #66-5705 | #67-5501 | #68-5583 | #69-5504 | #70-5394  |
| #71-5447                     | #72-5623 | #73-5557 | #74-5629 | #75-5476 | #76-5361 | #77-5270 | #78-5694 | #79-5666 | #80-5719  |
| #81-5716                     | #82-5495 | #83-5295 | #84-5360 | #85-5662 | #86-5617 | #87-5330 | #88-5323 | #89-5253 | #90-5396  |
| #91-5541                     | #92-5343 | #93-5379 | #94-5381 | #95-5376 | #96-5407 | #97-5628 | #98-5368 | #99-5523 | #100-5460 |

| Type 6 #28 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5667                     | #02-5536 | #03-5259 | #04-5467 | #05-5476 | #06-5378 | #07-5705 | #08-5274 | #09-5530 | #10-5372  |
| #11-5669                     | #12-5588 | #13-5508 | #14-5268 | #15-5340 | #16-5663 | #17-5311 | #18-5491 | #19-5597 | #20-5493  |
| #21-5620                     | #22-5424 | #23-5576 | #24-5359 | #25-5580 | #26-5351 | #27-5490 | #28-5423 | #29-5502 | #30-5323  |
| #31-5459                     | #32-5627 | #33-5421 | #34-5453 | #35-5300 | #36-5429 | #37-5488 | #38-5552 | #39-5613 | #40-5537  |
| #41-5643                     | #42-5307 | #43-5520 | #44-5609 | #45-5446 | #46-5679 | #47-5562 | #48-5358 | #49-5289 | #50-5435  |
| #51-5341                     | #52-5386 | #53-5500 | #54-5273 | #55-5567 | #56-5494 | #57-5689 | #58-5629 | #59-5616 | #60-5374  |
| #61-5615                     | #62-5532 | #63-5498 | #64-5454 | #65-5641 | #66-5292 | #67-5411 | #68-5303 | #69-5695 | #70-5640  |
| #71-5422                     | #72-5484 | #73-5606 | #74-5313 | #75-5581 | #76-5563 | #77-5637 | #78-5698 | #79-5639 | #80-5631  |
| #81-5515                     | #82-5379 | #83-5381 | #84-5314 | #85-5709 | #86-5324 | #87-5375 | #88-5397 | #89-5619 | #90-5534  |
| #91-5464                     | #92-5587 | #93-5665 | #94-5480 | #95-5651 | #96-5354 | #97-5535 | #98-5308 | #99-5699 | #100-5401 |

| Type 6 #29 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5510                     | #02-5505 | #03-5392 | #04-5377 | #05-5259 | #06-5581 | #07-5506 | #08-5435 | #09-5421 | #10-5250  |
| #11-5587                     | #12-5716 | #13-5713 | #14-5707 | #15-5583 | #16-5479 | #17-5395 | #18-5432 | #19-5474 | #20-5562  |
| #21-5642                     | #22-5268 | #23-5410 | #24-5406 | #25-5419 | #26-5565 | #27-5551 | #28-5365 | #29-5388 | #30-5469  |
| #31-5277                     | #32-5573 | #33-5724 | #34-5481 | #35-5363 | #36-5262 | #37-5711 | #38-5256 | #39-5307 | #40-5374  |
| #41-5546                     | #42-5667 | #43-5699 | #44-5618 | #45-5673 | #46-5476 | #47-5600 | #48-5675 | #49-5627 | #50-5413  |
| #51-5685                     | #52-5348 | #53-5559 | #54-5380 | #55-5489 | #56-5494 | #57-5339 | #58-5706 | #59-5680 | #60-5418  |
| #61-5281                     | #62-5383 | #63-5294 | #64-5672 | #65-5696 | #66-5265 | #67-5717 | #68-5485 | #69-5591 | #70-5570  |
| #71-5492                     | #72-5387 | #73-5372 | #74-5344 | #75-5270 | #76-5694 | #77-5292 | #78-5523 | #79-5457 | #80-5662  |
| #81-5686                     | #82-5599 | #83-5464 | #84-5698 | #85-5508 | #86-5643 | #87-5260 | #88-5589 | #89-5714 | #90-5596  |
| #91-5636                     | #92-5253 | #93-5301 | #94-5608 | #95-5345 | #96-5407 | #97-5620 | #98-5279 | #99-5635 | #100-5654 |

| Type 6 #30 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5483                     | #02-5363 | #03-5334 | #04-5304 | #05-5647 | #06-5547 | #07-5699 | #08-5461 | #09-5366 | #10-5515  |
| #11-5453                     | #12-5549 | #13-5502 | #14-5263 | #15-5452 | #16-5403 | #17-5644 | #18-5315 | #19-5421 | #20-5300  |
| #21-5254                     | #22-5378 | #23-5497 | #24-5717 | #25-5656 | #26-5491 | #27-5343 | #28-5495 | #29-5251 | #30-5588  |
| #31-5326                     | #32-5266 | #33-5607 | #34-5526 | #35-5437 | #36-5581 | #37-5520 | #38-5413 | #39-5306 | #40-5686  |
| #41-5675                     | #42-5527 | #43-5476 | #44-5451 | #45-5395 | #46-5347 | #47-5479 | #48-5284 | #49-5409 | #50-5670  |
| #51-5493                     | #52-5565 | #53-5585 | #54-5595 | #55-5659 | #56-5358 | #57-5600 | #58-5342 | #59-5376 | #60-5410  |
| #61-5456                     | #62-5460 | #63-5464 | #64-5512 | #65-5439 | #66-5440 | #67-5671 | #68-5707 | #69-5559 | #70-5606  |
| #71-5619                     | #72-5485 | #73-5260 | #74-5463 | #75-5351 | #76-5458 | #77-5630 | #78-5290 | #79-5577 | #80-5566  |
| #81-5264                     | #82-5309 | #83-5333 | #84-5308 | #85-5348 | #86-5501 | #87-5412 | #88-5268 | #89-5598 | #90-5329  |
| #91-5709                     | #92-5425 | #93-5288 | #94-5629 | #95-5489 | #96-5473 | #97-5314 | #98-5696 | #99-5265 | #100-5683 |

Type 5 #1 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 447374  | 99                    | 1516    | 1189    | 255506  | 705882                    |
| 2             | 2                | 18              | 675498  | 88                    | 1591    | 0       | 28617   | 705882                    |
| 3             | 3                | 18              | 235595  | 55                    | 1830    | 1250    | 467042  | 705882                    |
| 4             | 2                | 18              | 512784  | 67                    | 1761    | 0       | 191203  | 705882                    |
| 5             | 3                | 18              | 140415  | 97                    | 1031    | 1575    | 562570  | 705882                    |
| 6             | 3                | 18              | 11775   | 52                    | 1134    | 1225    | 691592  | 705882                    |
| 7             | 2                | 18              | 324933  | 71                    | 1266    | 0       | 379541  | 705882                    |
| 8             | 1                | 18              | 202056  | 78                    | 0       | 0       | 503748  | 705882                    |
| 9             | 1                | 18              | 669310  | 90                    | 0       | 0       | 36482   | 705882                    |
| 10            | 2                | 18              | 612866  | 54                    | 1599    | 0       | 91309   | 705882                    |
| 11            | 3                | 18              | 412236  | 97                    | 1839    | 1105    | 290411  | 705882                    |
| 12            | 1                | 18              | 243003  | 65                    | 0       | 0       | 462814  | 705882                    |
| 13            | 3                | 18              | 69768   | 77                    | 1592    | 1732    | 632559  | 705882                    |
| 14            | 2                | 18              | 47095   | 92                    | 1895    | 0       | 656708  | 705882                    |
| 15            | 1                | 18              | 312423  | 60                    | 0       | 0       | 393399  | 705882                    |
| 16            | 2                | 18              | 622293  | 57                    | 1885    | 0       | 81590   | 705882                    |
| 17            | 1                | 18              | 188111  | 60                    | 0       | 0       | 517711  | 705882                    |

Type 5 #2 5523 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 15              | 705237  | 58                    | 1004    | 0       | 626976  | 1333333                   |
| 2             | 3                | 15              | 137384  | 72                    | 1055    | 1835    | 1192843 | 1333333                   |
| 3             | 1                | 15              | 1069177 | 85                    | 0       | 0       | 264071  | 1333333                   |
| 4             | 3                | 15              | 588547  | 87                    | 1307    | 1664    | 741554  | 1333333                   |
| 5             | 1                | 15              | 321215  | 84                    | 0       | 0       | 1012034 | 1333333                   |
| 6             | 3                | 15              | 1226933 | 68                    | 1326    | 1366    | 103504  | 1333333                   |
| 7             | 1                | 15              | 537551  | 86                    | 0       | 0       | 795696  | 1333333                   |
| 8             | 3                | 15              | 278687  | 52                    | 1004    | 1002    | 1052484 | 1333333                   |
| 9             | 1                | 15              | 1039893 | 52                    | 0       | 0       | 293388  | 1333333                   |

Type 5 #3 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 389416  | 85                    | 1461    | 1238    | 407630  | 800000                    |
| 2             | 2                | 18              | 87010   | 99                    | 1787    | 0       | 711005  | 800000                    |
| 3             | 3                | 18              | 390878  | 53                    | 1927    | 1085    | 405951  | 800000                    |
| 4             | 3                | 18              | 765534  | 95                    | 1758    | 1722    | 30701   | 800000                    |
| 5             | 2                | 18              | 494471  | 68                    | 1223    | 0       | 304170  | 800000                    |
| 6             | 2                | 18              | 645933  | 62                    | 1266    | 0       | 152677  | 800000                    |
| 7             | 3                | 18              | 231317  | 52                    | 1329    | 1251    | 565947  | 800000                    |
| 8             | 2                | 18              | 268475  | 72                    | 1038    | 0       | 530343  | 800000                    |
| 9             | 1                | 18              | 685092  | 70                    | 0       | 0       | 114838  | 800000                    |
| 10            | 3                | 18              | 640389  | 64                    | 1012    | 1431    | 156976  | 800000                    |
| 11            | 1                | 18              | 10908   | 78                    | 0       | 0       | 789014  | 800000                    |
| 12            | 3                | 18              | 435651  | 95                    | 1597    | 1990    | 360477  | 800000                    |
| 13            | 1                | 18              | 86122   | 62                    | 0       | 0       | 713816  | 800000                    |
| 14            | 3                | 18              | 379386  | 88                    | 1301    | 1513    | 417536  | 800000                    |
| 15            | 1                | 18              | 500060  | 84                    | 0       | 0       | 299856  | 800000                    |

Type 5 #4 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 6               | 3240    | 92                    | 0       | 0       | 596668  | 600000                    |
| 2             | 3                | 6               | 239077  | 74                    | 1600    | 1237    | 357864  | 600000                    |
| 3             | 3                | 6               | 509627  | 73                    | 1476    | 1670    | 87008   | 600000                    |
| 4             | 2                | 6               | 589675  | 94                    | 1978    | 0       | 8159    | 600000                    |
| 5             | 2                | 6               | 245878  | 52                    | 1095    | 0       | 352923  | 600000                    |
| 6             | 2                | 6               | 391696  | 55                    | 1666    | 0       | 206528  | 600000                    |
| 7             | 2                | 6               | 159981  | 53                    | 1444    | 0       | 438469  | 600000                    |
| 8             | 3                | 6               | 38260   | 94                    | 1245    | 1393    | 558820  | 600000                    |
| 9             | 2                | 6               | 124591  | 100                   | 1653    | 0       | 473556  | 600000                    |
| 10            | 2                | 6               | 214511  | 69                    | 1495    | 0       | 383856  | 600000                    |
| 11            | 1                | 6               | 437867  | 100                   | 0       | 0       | 162033  | 600000                    |
| 12            | 3                | 6               | 296020  | 59                    | 1520    | 1453    | 300830  | 600000                    |
| 13            | 2                | 6               | 231083  | 58                    | 1747    | 0       | 367054  | 600000                    |
| 14            | 1                | 6               | 538773  | 67                    | 0       | 0       | 61160   | 600000                    |
| 15            | 2                | 6               | 551557  | 82                    | 1585    | 0       | 46694   | 600000                    |
| 16            | 1                | 6               | 373737  | 53                    | 0       | 0       | 226210  | 600000                    |
| 17            | 1                | 6               | 102823  | 53                    | 0       | 0       | 497124  | 600000                    |
| 18            | 2                | 6               | 185163  | 65                    | 1501    | 0       | 413206  | 600000                    |
| 19            | 2                | 6               | 474842  | 74                    | 1762    | 0       | 123248  | 600000                    |
| 20            | 2                | 6               | 141544  | 83                    | 1492    | 0       | 456798  | 600000                    |

Type 5 #5 5523 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 14              | 600093  | 86                    | 1474    | 1203    | 320048  | 923076                    |
| 2             | 3                | 14              | 719844  | 88                    | 1899    | 1251    | 199818  | 923076                    |
| 3             | 2                | 14              | 281486  | 83                    | 1452    | 0       | 639972  | 923076                    |
| 4             | 3                | 14              | 776115  | 88                    | 1487    | 1133    | 144077  | 923076                    |
| 5             | 1                | 14              | 753900  | 56                    | 0       | 0       | 169120  | 923076                    |
| 6             | 3                | 14              | 267604  | 52                    | 1142    | 1026    | 653148  | 923076                    |
| 7             | 2                | 14              | 809360  | 85                    | 1572    | 0       | 111974  | 923076                    |
| 8             | 1                | 14              | 8072    | 97                    | 0       | 0       | 914907  | 923076                    |
| 9             | 2                | 14              | 84674   | 77                    | 1440    | 0       | 836808  | 923076                    |
| 10            | 2                | 14              | 417593  | 89                    | 1631    | 0       | 503674  | 923076                    |
| 11            | 1                | 14              | 474903  | 97                    | 0       | 0       | 448076  | 923076                    |
| 12            | 3                | 14              | 824143  | 64                    | 1081    | 1789    | 95871   | 923076                    |
| 13            | 3                | 14              | 764358  | 88                    | 1224    | 1956    | 155274  | 923076                    |

Type 5 #6 5522 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 18              | 181259  | 56                    | 1825    | 1301    | 565447  | 750000                    |
| 2             | 2                | 18              | 726991  | 61                    | 1044    | 0       | 21843   | 750000                    |
| 3             | 2                | 18              | 137493  | 84                    | 1353    | 0       | 610986  | 750000                    |
| 4             | 3                | 18              | 645004  | 88                    | 1796    | 1303    | 101633  | 750000                    |
| 5             | 1                | 18              | 364432  | 85                    | 0       | 0       | 385483  | 750000                    |
| 6             | 2                | 18              | 673378  | 63                    | 1626    | 0       | 74870   | 750000                    |
| 7             | 3                | 18              | 516013  | 91                    | 1482    | 1205    | 231027  | 750000                    |
| 8             | 2                | 18              | 461346  | 76                    | 1840    | 0       | 286662  | 750000                    |
| 9             | 3                | 18              | 102925  | 64                    | 1787    | 1651    | 643445  | 750000                    |
| 10            | 3                | 18              | 244263  | 90                    | 1189    | 1984    | 502294  | 750000                    |
| 11            | 3                | 18              | 203617  | 94                    | 1819    | 1120    | 543162  | 750000                    |
| 12            | 3                | 18              | 166657  | 53                    | 1594    | 1141    | 580449  | 750000                    |
| 13            | 3                | 18              | 82914   | 60                    | 1147    | 1762    | 663997  | 750000                    |
| 14            | 1                | 18              | 366234  | 98                    | 0       | 0       | 383668  | 750000                    |
| 15            | 1                | 18              | 500321  | 51                    | 0       | 0       | 249628  | 750000                    |
| 16            | 1                | 18              | 631369  | 62                    | 0       | 0       | 118569  | 750000                    |

Type 5 #7 5525 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 10              | 695185  | 79                    | 1596    | 0       | 8943    | 705882                    |
| 2             | 2                | 10              | 398012  | 51                    | 1708    | 0       | 306060  | 705882                    |
| 3             | 3                | 10              | 55367   | 53                    | 1991    | 1965    | 646400  | 705882                    |
| 4             | 3                | 10              | 560237  | 84                    | 1477    | 1233    | 142683  | 705882                    |
| 5             | 1                | 10              | 426116  | 66                    | 0       | 0       | 279700  | 705882                    |
| 6             | 2                | 10              | 75918   | 88                    | 1427    | 0       | 628361  | 705882                    |
| 7             | 1                | 10              | 167950  | 72                    | 0       | 0       | 537860  | 705882                    |
| 8             | 3                | 10              | 327550  | 76                    | 1982    | 1972    | 374150  | 705882                    |
| 9             | 1                | 10              | 541172  | 63                    | 0       | 0       | 164647  | 705882                    |
| 10            | 1                | 10              | 387830  | 63                    | 0       | 0       | 317989  | 705882                    |
| 11            | 2                | 10              | 373041  | 58                    | 1441    | 0       | 331284  | 705882                    |
| 12            | 2                | 10              | 135678  | 87                    | 1365    | 0       | 568665  | 705882                    |
| 13            | 2                | 10              | 107973  | 93                    | 1267    | 0       | 596456  | 705882                    |
| 14            | 2                | 10              | 512679  | 82                    | 1624    | 0       | 191415  | 705882                    |
| 15            | 2                | 10              | 5677    | 78                    | 1772    | 0       | 698277  | 705882                    |
| 16            | 3                | 10              | 636961  | 78                    | 1533    | 1851    | 65303   | 705882                    |
| 17            | 2                | 10              | 316036  | 99                    | 1205    | 0       | 388443  | 705882                    |

Type 5 #8 5496 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 13              | 536777  | 90                    | 0       | 0       | 320275  | 857142                    |
| 2             | 1                | 13              | 769491  | 51                    | 0       | 0       | 87600   | 857142                    |
| 3             | 1                | 13              | 725039  | 76                    | 0       | 0       | 132027  | 857142                    |
| 4             | 1                | 13              | 633159  | 53                    | 0       | 0       | 223930  | 857142                    |
| 5             | 1                | 13              | 169067  | 88                    | 0       | 0       | 687987  | 857142                    |
| 6             | 2                | 13              | 752463  | 86                    | 1287    | 0       | 103220  | 857142                    |
| 7             | 1                | 13              | 677941  | 74                    | 0       | 0       | 179127  | 857142                    |
| 8             | 2                | 13              | 690271  | 86                    | 1853    | 0       | 164846  | 857142                    |
| 9             | 1                | 13              | 328586  | 100                   | 0       | 0       | 528456  | 857142                    |
| 10            | 2                | 13              | 371945  | 76                    | 1423    | 0       | 483622  | 857142                    |
| 11            | 2                | 13              | 616758  | 63                    | 1120    | 0       | 239138  | 857142                    |
| 12            | 1                | 13              | 129828  | 97                    | 0       | 0       | 727217  | 857142                    |
| 13            | 2                | 13              | 430580  | 65                    | 1046    | 0       | 425386  | 857142                    |
| 14            | 2                | 13              | 346305  | 88                    | 1137    | 0       | 509524  | 857142                    |

Type 5 #9 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 11              | 304086  | 70                    | 1623    | 1628    | 442453  | 750000                    |
| 2             | 3                | 11              | 567128  | 78                    | 1289    | 1910    | 179439  | 750000                    |
| 3             | 1                | 11              | 646381  | 89                    | 0       | 0       | 103530  | 750000                    |
| 4             | 1                | 11              | 681983  | 78                    | 0       | 0       | 67939   | 750000                    |
| 5             | 3                | 11              | 323199  | 91                    | 1480    | 1567    | 423481  | 750000                    |
| 6             | 3                | 11              | 24661   | 50                    | 1848    | 1724    | 721617  | 750000                    |
| 7             | 2                | 11              | 229608  | 83                    | 1973    | 0       | 518253  | 750000                    |
| 8             | 2                | 11              | 365411  | 98                    | 1988    | 0       | 382405  | 750000                    |
| 9             | 1                | 11              | 743424  | 80                    | 0       | 0       | 6496    | 750000                    |
| 10            | 1                | 11              | 185775  | 88                    | 0       | 0       | 564137  | 750000                    |
| 11            | 2                | 11              | 462165  | 63                    | 1771    | 0       | 285938  | 750000                    |
| 12            | 3                | 11              | 310289  | 97                    | 1056    | 1993    | 436371  | 750000                    |
| 13            | 3                | 11              | 197173  | 86                    | 1566    | 1348    | 549655  | 750000                    |
| 14            | 2                | 11              | 441339  | 90                    | 1994    | 0       | 306487  | 750000                    |
| 15            | 2                | 11              | 436739  | 73                    | 1370    | 0       | 311745  | 750000                    |
| 16            | 3                | 11              | 195698  | 90                    | 1647    | 1332    | 551053  | 750000                    |

Type 5 #10 5493 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 5               | 403344  | 87                    | 0       | 0       | 263235  | 666666                    |
| 2             | 1                | 5               | 518337  | 79                    | 0       | 0       | 148250  | 666666                    |
| 3             | 2                | 5               | 474403  | 62                    | 1021    | 0       | 191118  | 666666                    |
| 4             | 3                | 5               | 199560  | 88                    | 1694    | 1937    | 463211  | 666666                    |
| 5             | 2                | 5               | 172010  | 67                    | 1355    | 0       | 493167  | 666666                    |
| 6             | 2                | 5               | 74743   | 71                    | 1186    | 0       | 590595  | 666666                    |
| 7             | 2                | 5               | 237531  | 52                    | 1484    | 0       | 427547  | 666666                    |
| 8             | 3                | 5               | 595868  | 63                    | 1304    | 1985    | 67320   | 666666                    |
| 9             | 2                | 5               | 517233  | 75                    | 1922    | 0       | 147361  | 666666                    |
| 10            | 3                | 5               | 174290  | 81                    | 1261    | 1497    | 489375  | 666666                    |
| 11            | 2                | 5               | 453210  | 99                    | 1428    | 0       | 211830  | 666666                    |
| 12            | 3                | 5               | 192571  | 100                   | 1259    | 1770    | 470766  | 666666                    |
| 13            | 2                | 5               | 158898  | 64                    | 1201    | 0       | 506439  | 666666                    |
| 14            | 2                | 5               | 633992  | 60                    | 1499    | 0       | 31055   | 666666                    |
| 15            | 1                | 5               | 567336  | 70                    | 0       | 0       | 99260   | 666666                    |
| 16            | 2                | 5               | 537965  | 70                    | 1482    | 0       | 127079  | 666666                    |
| 17            | 3                | 5               | 347060  | 100                   | 1205    | 1105    | 316996  | 666666                    |
| 18            | 1                | 5               | 383777  | 84                    | 0       | 0       | 282805  | 666666                    |

Type 5 #11 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 18              | 290958  | 72                    | 1238    | 0       | 798569  | 1090909                   |
| 2             | 1                | 18              | 339222  | 100                   | 0       | 0       | 751587  | 1090909                   |
| 3             | 2                | 18              | 268470  | 78                    | 1667    | 0       | 820616  | 1090909                   |
| 4             | 1                | 18              | 1051456 | 76                    | 0       | 0       | 39377   | 1090909                   |
| 5             | 2                | 18              | 880996  | 64                    | 1458    | 0       | 208327  | 1090909                   |
| 6             | 1                | 18              | 133561  | 59                    | 0       | 0       | 957289  | 1090909                   |
| 7             | 3                | 18              | 504545  | 53                    | 1225    | 1619    | 583361  | 1090909                   |
| 8             | 1                | 18              | 266106  | 91                    | 0       | 0       | 824712  | 1090909                   |
| 9             | 3                | 18              | 865549  | 77                    | 1869    | 1998    | 221262  | 1090909                   |
| 10            | 3                | 18              | 303944  | 99                    | 1392    | 1831    | 783445  | 1090909                   |
| 11            | 3                | 18              | 407930  | 95                    | 1671    | 1048    | 679975  | 1090909                   |

Type 5 #12 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 19              | 622705  | 72                    | 0       | 0       | 177223  | 800000                    |
| 2             | 2                | 19              | 273697  | 60                    | 1823    | 0       | 524360  | 800000                    |
| 3             | 1                | 19              | 475125  | 54                    | 0       | 0       | 324821  | 800000                    |
| 4             | 1                | 19              | 649444  | 89                    | 0       | 0       | 150467  | 800000                    |
| 5             | 1                | 19              | 229249  | 90                    | 0       | 0       | 570661  | 800000                    |
| 6             | 2                | 19              | 677095  | 64                    | 1334    | 0       | 121443  | 800000                    |
| 7             | 2                | 19              | 17329   | 82                    | 1364    | 0       | 781143  | 800000                    |
| 8             | 1                | 19              | 740677  | 98                    | 0       | 0       | 59225   | 800000                    |
| 9             | 1                | 19              | 239092  | 86                    | 0       | 0       | 560822  | 800000                    |
| 10            | 1                | 19              | 750629  | 50                    | 0       | 0       | 49321   | 800000                    |
| 11            | 2                | 19              | 565941  | 90                    | 1249    | 0       | 232630  | 800000                    |
| 12            | 2                | 19              | 573709  | 52                    | 1823    | 0       | 224364  | 800000                    |
| 13            | 3                | 19              | 662767  | 83                    | 1428    | 1164    | 134392  | 800000                    |
| 14            | 3                | 19              | 195408  | 87                    | 1180    | 1076    | 602075  | 800000                    |
| 15            | 3                | 19              | 544946  | 73                    | 1659    | 1373    | 251803  | 800000                    |

Type 5 #13 5523 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 16              | 22944   | 77                    | 1698    | 1390    | 605315  | 631578                    |
| 2             | 1                | 16              | 328336  | 75                    | 0       | 0       | 303167  | 631578                    |
| 3             | 1                | 16              | 54043   | 64                    | 0       | 0       | 577471  | 631578                    |
| 4             | 3                | 16              | 201335  | 69                    | 1480    | 1443    | 427113  | 631578                    |
| 5             | 3                | 16              | 210701  | 64                    | 1939    | 1788    | 416958  | 631578                    |
| 6             | 1                | 16              | 261510  | 68                    | 0       | 0       | 370000  | 631578                    |
| 7             | 1                | 16              | 455923  | 94                    | 0       | 0       | 175561  | 631578                    |
| 8             | 2                | 16              | 627486  | 60                    | 1131    | 0       | 2841    | 631578                    |
| 9             | 1                | 16              | 247764  | 88                    | 0       | 0       | 383726  | 631578                    |
| 10            | 2                | 16              | 274751  | 61                    | 1372    | 0       | 355333  | 631578                    |
| 11            | 3                | 16              | 359673  | 60                    | 1275    | 1155    | 269295  | 631578                    |
| 12            | 3                | 16              | 262504  | 72                    | 1599    | 1911    | 365348  | 631578                    |
| 13            | 3                | 16              | 224477  | 98                    | 1265    | 1440    | 404102  | 631578                    |
| 14            | 2                | 16              | 163601  | 89                    | 1661    | 0       | 466138  | 631578                    |
| 15            | 1                | 16              | 354325  | 72                    | 0       | 0       | 277181  | 631578                    |
| 16            | 2                | 16              | 267777  | 95                    | 1599    | 0       | 362012  | 631578                    |
| 17            | 2                | 16              | 87047   | 83                    | 1641    | 0       | 542724  | 631578                    |
| 18            | 3                | 16              | 387779  | 93                    | 1187    | 1926    | 240407  | 631578                    |
| 19            | 1                | 16              | 122139  | 92                    | 0       | 0       | 509347  | 631578                    |

Type 5 #14 5498 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 18              | 596102  | 89                    | 0       | 0       | 35387   | 631578                    |
| 2             | 1                | 18              | 7172    | 85                    | 0       | 0       | 624321  | 631578                    |
| 3             | 2                | 18              | 107227  | 77                    | 1000    | 0       | 523197  | 631578                    |
| 4             | 3                | 18              | 274104  | 65                    | 1309    | 1232    | 354738  | 631578                    |
| 5             | 2                | 18              | 81256   | 67                    | 1850    | 0       | 548338  | 631578                    |
| 6             | 1                | 18              | 310453  | 61                    | 0       | 0       | 321064  | 631578                    |
| 7             | 3                | 18              | 364748  | 56                    | 1949    | 1658    | 263055  | 631578                    |
| 8             | 2                | 18              | 576783  | 94                    | 1661    | 0       | 52946   | 631578                    |
| 9             | 1                | 18              | 329805  | 76                    | 0       | 0       | 301697  | 631578                    |
| 10            | 2                | 18              | 389077  | 81                    | 1870    | 0       | 240469  | 631578                    |
| 11            | 3                | 18              | 234996  | 75                    | 1027    | 1650    | 393680  | 631578                    |
| 12            | 2                | 18              | 570572  | 62                    | 1087    | 0       | 59795   | 631578                    |
| 13            | 1                | 18              | 165289  | 92                    | 0       | 0       | 466197  | 631578                    |
| 14            | 1                | 18              | 419583  | 80                    | 0       | 0       | 211915  | 631578                    |
| 15            | 2                | 18              | 89306   | 80                    | 1424    | 0       | 540688  | 631578                    |
| 16            | 2                | 18              | 206865  | 58                    | 1979    | 0       | 422618  | 631578                    |
| 17            | 1                | 18              | 349786  | 76                    | 0       | 0       | 281716  | 631578                    |
| 18            | 1                | 18              | 64552   | 80                    | 0       | 0       | 566946  | 631578                    |
| 19            | 1                | 18              | 47778   | 57                    | 0       | 0       | 583743  | 631578                    |

Type 5 #15 5525 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 11              | 129927  | 96                    | 1246    | 1826    | 498291  | 631578                    |
| 2             | 1                | 11              | 539042  | 50                    | 0       | 0       | 92486   | 631578                    |
| 3             | 3                | 11              | 582751  | 63                    | 1329    | 1395    | 45914   | 631578                    |
| 4             | 3                | 11              | 156703  | 67                    | 1734    | 1453    | 471487  | 631578                    |
| 5             | 1                | 11              | 120568  | 58                    | 0       | 0       | 510952  | 631578                    |
| 6             | 2                | 11              | 529843  | 76                    | 1503    | 0       | 100080  | 631578                    |
| 7             | 3                | 11              | 51558   | 74                    | 1750    | 1304    | 576744  | 631578                    |
| 8             | 2                | 11              | 155051  | 62                    | 1963    | 0       | 474440  | 631578                    |
| 9             | 1                | 11              | 23562   | 70                    | 0       | 0       | 607946  | 631578                    |
| 10            | 3                | 11              | 297139  | 96                    | 1737    | 1177    | 331237  | 631578                    |
| 11            | 2                | 11              | 570600  | 73                    | 1852    | 0       | 58980   | 631578                    |
| 12            | 1                | 11              | 543141  | 76                    | 0       | 0       | 88361   | 631578                    |
| 13            | 2                | 11              | 588617  | 75                    | 1833    | 0       | 40978   | 631578                    |
| 14            | 3                | 11              | 249413  | 79                    | 1090    | 1088    | 379750  | 631578                    |
| 15            | 1                | 11              | 208341  | 89                    | 0       | 0       | 423148  | 631578                    |
| 16            | 1                | 11              | 167613  | 81                    | 0       | 0       | 463884  | 631578                    |
| 17            | 2                | 11              | 425859  | 71                    | 1779    | 0       | 203798  | 631578                    |
| 18            | 2                | 11              | 556200  | 75                    | 1024    | 0       | 74204   | 631578                    |
| 19            | 2                | 11              | 65658   | 50                    | 1910    | 0       | 563910  | 631578                    |

Type 5 #16 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 9               | 364673  | 92                    | 0       | 0       | 726144  | 1090909                   |
| 2             | 2                | 9               | 570526  | 69                    | 1685    | 0       | 518560  | 1090909                   |
| 3             | 1                | 9               | 283175  | 64                    | 0       | 0       | 807670  | 1090909                   |
| 4             | 3                | 9               | 702418  | 71                    | 1781    | 1182    | 385315  | 1090909                   |
| 5             | 2                | 9               | 809994  | 88                    | 1682    | 0       | 279057  | 1090909                   |
| 6             | 3                | 9               | 643827  | 74                    | 1939    | 1667    | 443254  | 1090909                   |
| 7             | 3                | 9               | 650838  | 61                    | 1675    | 1009    | 437204  | 1090909                   |
| 8             | 1                | 9               | 1084528 | 100                   | 0       | 0       | 6281    | 1090909                   |
| 9             | 3                | 9               | 972387  | 77                    | 1374    | 1573    | 115344  | 1090909                   |
| 10            | 2                | 9               | 604830  | 72                    | 1673    | 0       | 484262  | 1090909                   |
| 11            | 1                | 9               | 544191  | 87                    | 0       | 0       | 546631  | 1090909                   |

Type 5 #17 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 11              | 648019  | 71                    | 0       | 0       | 685243  | 1333333                   |
| 2             | 1                | 11              | 786278  | 72                    | 0       | 0       | 546983  | 1333333                   |
| 3             | 3                | 11              | 830998  | 83                    | 1190    | 1047    | 499849  | 1333333                   |
| 4             | 1                | 11              | 920611  | 65                    | 0       | 0       | 412657  | 1333333                   |
| 5             | 3                | 11              | 49140   | 92                    | 1494    | 1994    | 1280429 | 1333333                   |
| 6             | 3                | 11              | 1302678 | 74                    | 1829    | 1511    | 27093   | 1333333                   |
| 7             | 1                | 11              | 743480  | 75                    | 0       | 0       | 589778  | 1333333                   |
| 8             | 3                | 11              | 602153  | 56                    | 1443    | 1088    | 728481  | 1333333                   |
| 9             | 2                | 11              | 485943  | 93                    | 1840    | 0       | 845364  | 1333333                   |

Type 5 #18 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 20              | 1029083 | 78                    | 0       | 0       | 61748   | 1090909                   |
| 2             | 1                | 20              | 878871  | 75                    | 0       | 0       | 211963  | 1090909                   |
| 3             | 2                | 20              | 932119  | 81                    | 1739    | 0       | 156889  | 1090909                   |
| 4             | 2                | 20              | 904525  | 85                    | 1017    | 0       | 185197  | 1090909                   |
| 5             | 1                | 20              | 768484  | 94                    | 0       | 0       | 322331  | 1090909                   |
| 6             | 2                | 20              | 469048  | 72                    | 1638    | 0       | 620079  | 1090909                   |
| 7             | 3                | 20              | 337474  | 80                    | 1395    | 1606    | 750194  | 1090909                   |
| 8             | 3                | 20              | 838207  | 50                    | 1935    | 1787    | 248830  | 1090909                   |
| 9             | 2                | 20              | 915030  | 77                    | 1284    | 0       | 174441  | 1090909                   |
| 10            | 2                | 20              | 726993  | 92                    | 1985    | 0       | 361747  | 1090909                   |
| 11            | 1                | 20              | 212251  | 100                   | 0       | 0       | 878558  | 1090909                   |

Type 5 #19 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 9               | 5073    | 53                    | 1222    | 1215    | 658997  | 666666                    |
| 2             | 2                | 9               | 508464  | 86                    | 1859    | 0       | 156171  | 666666                    |
| 3             | 1                | 9               | 318956  | 74                    | 0       | 0       | 347636  | 666666                    |
| 4             | 1                | 9               | 434425  | 63                    | 0       | 0       | 232178  | 666666                    |
| 5             | 3                | 9               | 341890  | 91                    | 1170    | 1368    | 321965  | 666666                    |
| 6             | 2                | 9               | 376770  | 60                    | 1031    | 0       | 288745  | 666666                    |
| 7             | 2                | 9               | 599087  | 94                    | 1979    | 0       | 65412   | 666666                    |
| 8             | 2                | 9               | 554132  | 66                    | 1068    | 0       | 111334  | 666666                    |
| 9             | 1                | 9               | 432864  | 55                    | 0       | 0       | 233747  | 666666                    |
| 10            | 3                | 9               | 49460   | 93                    | 1515    | 1334    | 614078  | 666666                    |
| 11            | 1                | 9               | 23147   | 60                    | 0       | 0       | 643459  | 666666                    |
| 12            | 2                | 9               | 466883  | 85                    | 1709    | 0       | 197904  | 666666                    |
| 13            | 3                | 9               | 608093  | 90                    | 1482    | 1796    | 55025   | 666666                    |
| 14            | 3                | 9               | 658888  | 62                    | 1169    | 1159    | 5264    | 666666                    |
| 15            | 1                | 9               | 417707  | 54                    | 0       | 0       | 248905  | 666666                    |
| 16            | 3                | 9               | 589066  | 52                    | 1720    | 1101    | 74623   | 666666                    |
| 17            | 3                | 9               | 296336  | 66                    | 1846    | 1398    | 366888  | 666666                    |
| 18            | 3                | 9               | 244197  | 91                    | 1199    | 1829    | 419168  | 666666                    |

Type 5 #20 5510 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 16              | 116748  | 80                    | 0       | 0       | 549838  | 666666                    |
| 2             | 3                | 16              | 272484  | 54                    | 1970    | 1126    | 390924  | 666666                    |
| 3             | 3                | 16              | 599442  | 83                    | 1990    | 1115    | 63870   | 666666                    |
| 4             | 3                | 16              | 300678  | 58                    | 1950    | 1896    | 361968  | 666666                    |
| 5             | 1                | 16              | 74975   | 68                    | 0       | 0       | 591623  | 666666                    |
| 6             | 3                | 16              | 248840  | 92                    | 1657    | 1784    | 414109  | 666666                    |
| 7             | 1                | 16              | 50931   | 100                   | 0       | 0       | 615635  | 666666                    |
| 8             | 2                | 16              | 285441  | 85                    | 1538    | 0       | 379517  | 666666                    |
| 9             | 1                | 16              | 8553    | 93                    | 0       | 0       | 658020  | 666666                    |
| 10            | 2                | 16              | 349821  | 92                    | 1994    | 0       | 314667  | 666666                    |
| 11            | 1                | 16              | 625241  | 75                    | 0       | 0       | 41350   | 666666                    |
| 12            | 1                | 16              | 662681  | 78                    | 0       | 0       | 3907    | 666666                    |
| 13            | 1                | 16              | 93555   | 83                    | 0       | 0       | 573028  | 666666                    |
| 14            | 2                | 16              | 295710  | 91                    | 1452    | 0       | 369322  | 666666                    |
| 15            | 1                | 16              | 242712  | 50                    | 0       | 0       | 423904  | 666666                    |
| 16            | 1                | 16              | 312453  | 82                    | 0       | 0       | 354131  | 666666                    |
| 17            | 2                | 16              | 277002  | 80                    | 1773    | 0       | 387731  | 666666                    |
| 18            | 1                | 16              | 88050   | 95                    | 0       | 0       | 578521  | 666666                    |

Type 5 #21 5496 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 13              | 181327  | 77                    | 1488    | 1875    | 446657  | 631578                    |
| 2             | 3                | 13              | 526546  | 51                    | 1082    | 1585    | 102212  | 631578                    |
| 3             | 3                | 13              | 113852  | 69                    | 1162    | 1902    | 514455  | 631578                    |
| 4             | 2                | 13              | 410889  | 82                    | 1947    | 0       | 218578  | 631578                    |
| 5             | 3                | 13              | 94032   | 69                    | 1319    | 1647    | 534373  | 631578                    |
| 6             | 3                | 13              | 103984  | 71                    | 1167    | 1122    | 525092  | 631578                    |
| 7             | 3                | 13              | 487358  | 87                    | 1755    | 1634    | 140570  | 631578                    |
| 8             | 2                | 13              | 275875  | 85                    | 1756    | 0       | 353777  | 631578                    |
| 9             | 3                | 13              | 518437  | 55                    | 1970    | 1765    | 109241  | 631578                    |
| 10            | 3                | 13              | 434120  | 62                    | 1598    | 1277    | 194397  | 631578                    |
| 11            | 2                | 13              | 556183  | 62                    | 1642    | 0       | 73629   | 631578                    |
| 12            | 1                | 13              | 452316  | 58                    | 0       | 0       | 179204  | 631578                    |
| 13            | 2                | 13              | 73519   | 61                    | 1346    | 0       | 556591  | 631578                    |
| 14            | 2                | 13              | 519216  | 64                    | 1865    | 0       | 110369  | 631578                    |
| 15            | 3                | 13              | 231713  | 74                    | 1954    | 1408    | 396281  | 631578                    |
| 16            | 2                | 13              | 555321  | 70                    | 1600    | 0       | 74517   | 631578                    |
| 17            | 3                | 13              | 250275  | 95                    | 1921    | 1038    | 378059  | 631578                    |
| 18            | 2                | 13              | 375583  | 71                    | 1695    | 0       | 254158  | 631578                    |
| 19            | 2                | 13              | 393694  | 86                    | 1412    | 0       | 236300  | 631578                    |

Type 5 #22 5527 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 5               | 99426   | 77                    | 0       | 0       | 823573  | 923076                    |
| 2             | 3                | 5               | 768502  | 75                    | 1684    | 1562    | 151103  | 923076                    |
| 3             | 2                | 5               | 780449  | 66                    | 1426    | 0       | 141069  | 923076                    |
| 4             | 1                | 5               | 624678  | 88                    | 0       | 0       | 298310  | 923076                    |
| 5             | 1                | 5               | 212880  | 65                    | 0       | 0       | 710131  | 923076                    |
| 6             | 3                | 5               | 297231  | 82                    | 1745    | 1795    | 622059  | 923076                    |
| 7             | 3                | 5               | 768435  | 75                    | 1650    | 1433    | 151333  | 923076                    |
| 8             | 3                | 5               | 844747  | 79                    | 1431    | 1434    | 75227   | 923076                    |
| 9             | 1                | 5               | 730332  | 91                    | 0       | 0       | 192653  | 923076                    |
| 10            | 2                | 5               | 117714  | 60                    | 1454    | 0       | 803788  | 923076                    |
| 11            | 3                | 5               | 96590   | 97                    | 1552    | 1232    | 823411  | 923076                    |
| 12            | 1                | 5               | 222988  | 92                    | 0       | 0       | 699996  | 923076                    |
| 13            | 3                | 5               | 895834  | 88                    | 1239    | 1733    | 24006   | 923076                    |

Type 5 #23 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 10              | 213862  | 74                    | 0       | 0       | 586064  | 800000                    |
| 2             | 1                | 10              | 55102   | 67                    | 0       | 0       | 744831  | 800000                    |
| 3             | 2                | 10              | 56075   | 67                    | 1309    | 0       | 742482  | 800000                    |
| 4             | 2                | 10              | 583079  | 54                    | 1201    | 0       | 215612  | 800000                    |
| 5             | 2                | 10              | 396962  | 87                    | 1961    | 0       | 400903  | 800000                    |
| 6             | 1                | 10              | 445771  | 90                    | 0       | 0       | 354139  | 800000                    |
| 7             | 3                | 10              | 436730  | 84                    | 1690    | 1152    | 360176  | 800000                    |
| 8             | 2                | 10              | 347429  | 97                    | 1074    | 0       | 451303  | 800000                    |
| 9             | 3                | 10              | 288130  | 98                    | 1627    | 1401    | 508548  | 800000                    |
| 10            | 2                | 10              | 699564  | 52                    | 1663    | 0       | 98669   | 800000                    |
| 11            | 3                | 10              | 286039  | 64                    | 1573    | 1665    | 510531  | 800000                    |
| 12            | 3                | 10              | 626602  | 100                   | 1137    | 1473    | 170488  | 800000                    |
| 13            | 2                | 10              | 630737  | 70                    | 1859    | 0       | 167264  | 800000                    |
| 14            | 2                | 10              | 219203  | 81                    | 1644    | 0       | 578991  | 800000                    |
| 15            | 3                | 10              | 399322  | 96                    | 1482    | 1109    | 397799  | 800000                    |

Type 5 #24 5521 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 20              | 61590   | 70                    | 1580    | 1855    | 601431  | 666666                    |
| 2             | 1                | 20              | 642372  | 54                    | 0       | 0       | 24240   | 666666                    |
| 3             | 2                | 20              | 555943  | 58                    | 1238    | 0       | 109369  | 666666                    |
| 4             | 1                | 20              | 29160   | 83                    | 0       | 0       | 637423  | 666666                    |
| 5             | 1                | 20              | 336859  | 93                    | 0       | 0       | 329714  | 666666                    |
| 6             | 2                | 20              | 211210  | 59                    | 1736    | 0       | 453602  | 666666                    |
| 7             | 3                | 20              | 296655  | 70                    | 1723    | 1799    | 366279  | 666666                    |
| 8             | 2                | 20              | 630661  | 73                    | 1609    | 0       | 34250   | 666666                    |
| 9             | 2                | 20              | 548424  | 77                    | 1931    | 0       | 116157  | 666666                    |
| 10            | 1                | 20              | 369457  | 65                    | 0       | 0       | 297144  | 666666                    |
| 11            | 2                | 20              | 247163  | 99                    | 1076    | 0       | 418229  | 666666                    |
| 12            | 3                | 20              | 446949  | 54                    | 1562    | 1897    | 216096  | 666666                    |
| 13            | 3                | 20              | 158395  | 64                    | 1791    | 1248    | 505040  | 666666                    |
| 14            | 3                | 20              | 374792  | 59                    | 1792    | 1592    | 288313  | 666666                    |
| 15            | 3                | 20              | 621649  | 72                    | 1517    | 1585    | 41699   | 666666                    |
| 16            | 3                | 20              | 432388  | 67                    | 1874    | 1865    | 230338  | 666666                    |
| 17            | 3                | 20              | 235483  | 67                    | 1368    | 1428    | 428186  | 666666                    |
| 18            | 3                | 20              | 155015  | 78                    | 1688    | 1262    | 508467  | 666666                    |

Type 5 #25 5526 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 1                | 7               | 342567  | 98                    | 0       | 0       | 514477  | 857142                    |
| 2             | 2                | 7               | 146915  | 96                    | 1854    | 0       | 708181  | 857142                    |
| 3             | 2                | 7               | 87602   | 61                    | 1575    | 0       | 767843  | 857142                    |
| 4             | 1                | 7               | 39252   | 57                    | 0       | 0       | 817833  | 857142                    |
| 5             | 3                | 7               | 697809  | 69                    | 1859    | 1438    | 155829  | 857142                    |
| 6             | 3                | 7               | 204533  | 73                    | 1471    | 1284    | 649635  | 857142                    |
| 7             | 3                | 7               | 244428  | 54                    | 1837    | 1746    | 608969  | 857142                    |
| 8             | 2                | 7               | 491895  | 74                    | 1975    | 0       | 363124  | 857142                    |
| 9             | 1                | 7               | 296258  | 59                    | 0       | 0       | 560825  | 857142                    |
| 10            | 1                | 7               | 159504  | 73                    | 0       | 0       | 697565  | 857142                    |
| 11            | 2                | 7               | 115362  | 66                    | 1059    | 0       | 740589  | 857142                    |
| 12            | 1                | 7               | 406061  | 82                    | 0       | 0       | 450999  | 857142                    |
| 13            | 2                | 7               | 210643  | 96                    | 1433    | 0       | 644874  | 857142                    |
| 14            | 3                | 7               | 270657  | 90                    | 1120    | 1739    | 583356  | 857142                    |

Type 5 #26 5522 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 17              | 704109  | 63                    | 1514    | 0       | 217327  | 923076                    |
| 2             | 3                | 17              | 710515  | 80                    | 1098    | 1234    | 209989  | 923076                    |
| 3             | 2                | 17              | 59624   | 85                    | 1476    | 0       | 861806  | 923076                    |
| 4             | 3                | 17              | 913153  | 98                    | 1069    | 1031    | 7529    | 923076                    |
| 5             | 1                | 17              | 346375  | 71                    | 0       | 0       | 576630  | 923076                    |
| 6             | 2                | 17              | 396988  | 78                    | 1424    | 0       | 524508  | 923076                    |
| 7             | 3                | 17              | 651806  | 65                    | 1334    | 1648    | 268093  | 923076                    |
| 8             | 1                | 17              | 775512  | 88                    | 0       | 0       | 147476  | 923076                    |
| 9             | 2                | 17              | 682678  | 50                    | 1008    | 0       | 239290  | 923076                    |
| 10            | 1                | 17              | 643961  | 79                    | 0       | 0       | 279036  | 923076                    |
| 11            | 3                | 17              | 581995  | 97                    | 1001    | 1374    | 338415  | 923076                    |
| 12            | 1                | 17              | 358759  | 54                    | 0       | 0       | 564263  | 923076                    |
| 13            | 2                | 17              | 456313  | 51                    | 1674    | 0       | 464987  | 923076                    |

Type 5 #27 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 10              | 690119  | 60                    | 1155    | 1193    | 13235   | 705882                    |
| 2             | 1                | 10              | 239236  | 70                    | 0       | 0       | 466576  | 705882                    |
| 3             | 3                | 10              | 693998  | 69                    | 1728    | 1941    | 8008    | 705882                    |
| 4             | 3                | 10              | 533616  | 77                    | 1016    | 1380    | 169639  | 705882                    |
| 5             | 2                | 10              | 427888  | 67                    | 1804    | 0       | 276056  | 705882                    |
| 6             | 2                | 10              | 527960  | 62                    | 1670    | 0       | 176128  | 705882                    |
| 7             | 2                | 10              | 597724  | 67                    | 1001    | 0       | 107023  | 705882                    |
| 8             | 1                | 10              | 540318  | 63                    | 0       | 0       | 165501  | 705882                    |
| 9             | 3                | 10              | 666941  | 88                    | 1049    | 1743    | 35885   | 705882                    |
| 10            | 2                | 10              | 585432  | 100                   | 1796    | 0       | 118454  | 705882                    |
| 11            | 3                | 10              | 577593  | 69                    | 1736    | 1129    | 125217  | 705882                    |
| 12            | 2                | 10              | 109782  | 87                    | 1373    | 0       | 594553  | 705882                    |
| 13            | 3                | 10              | 661377  | 84                    | 1087    | 1975    | 41191   | 705882                    |
| 14            | 3                | 10              | 434183  | 57                    | 1756    | 1276    | 268496  | 705882                    |
| 15            | 3                | 10              | 598285  | 100                   | 1322    | 1593    | 104382  | 705882                    |
| 16            | 1                | 10              | 378732  | 76                    | 0       | 0       | 327074  | 705882                    |
| 17            | 3                | 10              | 632886  | 97                    | 1035    | 1604    | 70066   | 705882                    |

Type 5 #28 5496 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 3                | 13              | 786694  | 69                    | 1655    | 1672    | 709772  | 1500000                   |
| 2             | 1                | 13              | 832596  | 83                    | 0       | 0       | 667321  | 1500000                   |
| 3             | 2                | 13              | 757849  | 88                    | 1799    | 0       | 740176  | 1500000                   |
| 4             | 1                | 13              | 347109  | 61                    | 0       | 0       | 1152830 | 1500000                   |
| 5             | 1                | 13              | 1248805 | 86                    | 0       | 0       | 251109  | 1500000                   |
| 6             | 1                | 13              | 102094  | 97                    | 0       | 0       | 1397809 | 1500000                   |
| 7             | 3                | 13              | 869946  | 55                    | 1964    | 1751    | 626174  | 1500000                   |
| 8             | 2                | 13              | 729789  | 52                    | 1942    | 0       | 768165  | 1500000                   |

Type 5 #29 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 9               | 470826  | 63                    | 1806    | 0       | 727242  | 1200000                   |
| 2             | 3                | 9               | 987249  | 78                    | 1638    | 1048    | 209831  | 1200000                   |
| 3             | 2                | 9               | 930595  | 77                    | 1504    | 0       | 267747  | 1200000                   |
| 4             | 2                | 9               | 964166  | 66                    | 1541    | 0       | 234161  | 1200000                   |
| 5             | 2                | 9               | 676014  | 59                    | 1391    | 0       | 522477  | 1200000                   |
| 6             | 1                | 9               | 738508  | 87                    | 0       | 0       | 461405  | 1200000                   |
| 7             | 3                | 9               | 798084  | 96                    | 1123    | 1549    | 398956  | 1200000                   |
| 8             | 3                | 9               | 135651  | 66                    | 1489    | 1314    | 1061348 | 1200000                   |
| 9             | 1                | 9               | 468808  | 88                    | 0       | 0       | 731104  | 1200000                   |
| 10            | 2                | 9               | 191107  | 72                    | 1755    | 0       | 1006994 | 1200000                   |

Type 5 #30 5495 [Back to Summary]

| Burst Segment | Number of Pulses | Chirp Width MHz | t1 usec | Pulse Width (t2) usec | t3 usec | t4 usec | t5 usec | Total Segment Length usec |
|---------------|------------------|-----------------|---------|-----------------------|---------|---------|---------|---------------------------|
| 1             | 2                | 11              | 55704   | 92                    | 1511    | 0       | 1275934 | 1333333                   |
| 2             | 2                | 11              | 1332376 | 98                    | 1912    | 0       | -1151   | 1333333                   |
| 3             | 3                | 11              | 302459  | 53                    | 1798    | 1128    | 1027789 | 1333333                   |
| 4             | 1                | 11              | 575315  | 85                    | 0       | 0       | 757933  | 1333333                   |
| 5             | 3                | 11              | 106957  | 85                    | 1169    | 1855    | 1223097 | 1333333                   |
| 6             | 2                | 11              | 91568   | 96                    | 1660    | 0       | 1239913 | 1333333                   |
| 7             | 2                | 11              | 880403  | 79                    | 1564    | 0       | 451208  | 1333333                   |
| 8             | 3                | 11              | 895792  | 79                    | 1071    | 1604    | 434629  | 1333333                   |
| 9             | 3                | 11              | 41495   | 70                    | 1590    | 1689    | 1288349 | 1333333                   |

**Type 6 #1 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5256 | #02-5455 | #03-5423 | #04-5700 | #05-5609 | #06-5636 | #07-5450 | #08-5552 | #09-5572 | #10-5519  |
| #11-5507 | #12-5571 | #13-5679 | #14-5250 | #15-5654 | #16-5520 | #17-5409 | #18-5426 | #19-5295 | #20-5509  |
| #21-5339 | #22-5624 | #23-5568 | #24-5499 | #25-5387 | #26-5490 | #27-5346 | #28-5582 | #29-5680 | #30-5667  |
| #31-5432 | #32-5414 | #33-5251 | #34-5305 | #35-5485 | #36-5548 | #37-5540 | #38-5309 | #39-5549 | #40-5500  |
| #41-5456 | #42-5559 | #43-5466 | #44-5665 | #45-5595 | #46-5444 | #47-5712 | #48-5619 | #49-5618 | #50-5329  |
| #51-5442 | #52-5488 | #53-5463 | #54-5587 | #55-5276 | #56-5355 | #57-5613 | #58-5647 | #59-5558 | #60-5362  |
| #61-5536 | #62-5598 | #63-5601 | #64-5634 | #65-5332 | #66-5337 | #67-5570 | #68-5628 | #69-5481 | #70-5352  |
| #71-5708 | #72-5350 | #73-5606 | #74-5513 | #75-5299 | #76-5503 | #77-5398 | #78-5635 | #79-5641 | #80-5670  |
| #81-5501 | #82-5445 | #83-5690 | #84-5594 | #85-5459 | #86-5671 | #87-5678 | #88-5381 | #89-5277 | #90-5372  |
| #91-5662 | #92-5620 | #93-5465 | #94-5420 | #95-5692 | #96-5581 | #97-5687 | #98-5555 | #99-5573 | #100-5491 |

**Type 6 #2 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5603 | #02-5336 | #03-5379 | #04-5512 | #05-5351 | #06-5344 | #07-5613 | #08-5675 | #09-5532 | #10-5492  |
| #11-5678 | #12-5707 | #13-5259 | #14-5618 | #15-5581 | #16-5332 | #17-5634 | #18-5251 | #19-5413 | #20-5395  |
| #21-5391 | #22-5432 | #23-5593 | #24-5360 | #25-5421 | #26-5334 | #27-5605 | #28-5426 | #29-5554 | #30-5444  |
| #31-5549 | #32-5567 | #33-5299 | #34-5384 | #35-5310 | #36-5423 | #37-5323 | #38-5429 | #39-5498 | #40-5374  |
| #41-5303 | #42-5250 | #43-5587 | #44-5515 | #45-5434 | #46-5683 | #47-5616 | #48-5582 | #49-5575 | #50-5607  |
| #51-5680 | #52-5685 | #53-5402 | #54-5440 | #55-5361 | #56-5425 | #57-5471 | #58-5270 | #59-5343 | #60-5266  |
| #61-5472 | #62-5447 | #63-5371 | #64-5340 | #65-5670 | #66-5363 | #67-5658 | #68-5604 | #69-5558 | #70-5416  |
| #71-5261 | #72-5467 | #73-5488 | #74-5289 | #75-5339 | #76-5394 | #77-5576 | #78-5331 | #79-5662 | #80-5474  |
| #81-5458 | #82-5275 | #83-5579 | #84-5681 | #85-5497 | #86-5597 | #87-5420 | #88-5596 | #89-5274 | #90-5623  |
| #91-5686 | #92-5305 | #93-5329 | #94-5489 | #95-5640 | #96-5594 | #97-5612 | #98-5501 | #99-5566 | #100-5314 |

**Type 6 #3 [Back to Summary]**

|          |          |          |          |          |          |          |          |          |           |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5273 | #02-5260 | #03-5275 | #04-5412 | #05-5594 | #06-5469 | #07-5452 | #08-5362 | #09-5347 | #10-5696  |
| #11-5577 | #12-5385 | #13-5336 | #14-5607 | #15-5542 | #16-5443 | #17-5591 | #18-5421 | #19-5578 | #20-5327  |
| #21-5671 | #22-5314 | #23-5579 | #24-5668 | #25-5462 | #26-5680 | #27-5379 | #28-5251 | #29-5383 | #30-5477  |
| #31-5511 | #32-5329 | #33-5496 | #34-5597 | #35-5441 | #36-5440 | #37-5724 | #38-5415 | #39-5332 | #40-5271  |
| #41-5394 | #42-5305 | #43-5501 | #44-5301 | #45-5289 | #46-5550 | #47-5695 | #48-5456 | #49-5664 | #50-5446  |
| #51-5252 | #52-5439 | #53-5643 | #54-5495 | #55-5372 | #56-5685 | #57-5409 | #58-5334 | #59-5676 | #60-5640  |
| #61-5342 | #62-5457 | #63-5706 | #64-5601 | #65-5442 | #66-5505 | #67-5618 | #68-5475 | #69-5417 | #70-5353  |
| #71-5448 | #72-5428 | #73-5338 | #74-5560 | #75-5660 | #76-5619 | #77-5548 | #78-5531 | #79-5632 | #80-5641  |
| #81-5710 | #82-5653 | #83-5310 | #84-5665 | #85-5478 | #86-5320 | #87-5411 | #88-5254 | #89-5481 | #90-5488  |
| #91-5283 | #92-5644 | #93-5470 | #94-5418 | #95-5658 | #96-5669 | #97-5324 | #98-5622 | #99-5588 | #100-5521 |

| Type 6 #4 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5654                    | #02-5475 | #03-5285 | #04-5562 | #05-5724 | #06-5549 | #07-5349 | #08-5335 | #09-5552 | #10-5480  |
| #11-5390                    | #12-5606 | #13-5426 | #14-5286 | #15-5656 | #16-5410 | #17-5386 | #18-5289 | #19-5375 | #20-5364  |
| #21-5333                    | #22-5614 | #23-5719 | #24-5660 | #25-5319 | #26-5524 | #27-5687 | #28-5643 | #29-5621 | #30-5717  |
| #31-5537                    | #32-5644 | #33-5662 | #34-5362 | #35-5707 | #36-5481 | #37-5612 | #38-5471 | #39-5665 | #40-5640  |
| #41-5696                    | #42-5324 | #43-5423 | #44-5714 | #45-5339 | #46-5401 | #47-5463 | #48-5427 | #49-5486 | #50-5496  |
| #51-5526                    | #52-5282 | #53-5497 | #54-5470 | #55-5431 | #56-5291 | #57-5479 | #58-5348 | #59-5494 | #60-5448  |
| #61-5586                    | #62-5429 | #63-5437 | #64-5559 | #65-5667 | #66-5466 | #67-5669 | #68-5309 | #69-5298 | #70-5418  |
| #71-5519                    | #72-5633 | #73-5345 | #74-5453 | #75-5388 | #76-5256 | #77-5438 | #78-5252 | #79-5571 | #80-5639  |
| #81-5305                    | #82-5513 | #83-5405 | #84-5373 | #85-5442 | #86-5508 | #87-5396 | #88-5440 | #89-5657 | #90-5671  |
| #91-5251                    | #92-5522 | #93-5705 | #94-5467 | #95-5304 | #96-5525 | #97-5611 | #98-5591 | #99-5299 | #100-5596 |

| Type 6 #5 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5458                    | #02-5401 | #03-5375 | #04-5313 | #05-5704 | #06-5616 | #07-5662 | #08-5292 | #09-5333 | #10-5426  |
| #11-5580                    | #12-5479 | #13-5508 | #14-5574 | #15-5392 | #16-5328 | #17-5271 | #18-5312 | #19-5370 | #20-5416  |
| #21-5321                    | #22-5485 | #23-5385 | #24-5360 | #25-5427 | #26-5251 | #27-5657 | #28-5610 | #29-5402 | #30-5601  |
| #31-5369                    | #32-5572 | #33-5679 | #34-5698 | #35-5440 | #36-5632 | #37-5386 | #38-5344 | #39-5400 | #40-5550  |
| #41-5566                    | #42-5355 | #43-5354 | #44-5488 | #45-5336 | #46-5505 | #47-5260 | #48-5387 | #49-5320 | #50-5705  |
| #51-5502                    | #52-5555 | #53-5478 | #54-5618 | #55-5531 | #56-5702 | #57-5269 | #58-5267 | #59-5622 | #60-5703  |
| #61-5685                    | #62-5304 | #63-5624 | #64-5465 | #65-5305 | #66-5259 | #67-5530 | #68-5538 | #69-5396 | #70-5493  |
| #71-5671                    | #72-5653 | #73-5643 | #74-5548 | #75-5576 | #76-5690 | #77-5379 | #78-5627 | #79-5274 | #80-5648  |
| #81-5717                    | #82-5524 | #83-5536 | #84-5423 | #85-5352 | #86-5544 | #87-5348 | #88-5314 | #89-5429 | #90-5461  |
| #91-5611                    | #92-5367 | #93-5455 | #94-5424 | #95-5590 | #96-5513 | #97-5464 | #98-5621 | #99-5432 | #100-5325 |

| Type 6 #6 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5698                    | #02-5450 | #03-5717 | #04-5558 | #05-5282 | #06-5567 | #07-5633 | #08-5650 | #09-5290 | #10-5557  |
| #11-5575                    | #12-5367 | #13-5720 | #14-5693 | #15-5709 | #16-5409 | #17-5491 | #18-5448 | #19-5355 | #20-5486  |
| #21-5634                    | #22-5459 | #23-5360 | #24-5655 | #25-5598 | #26-5549 | #27-5446 | #28-5470 | #29-5680 | #30-5311  |
| #31-5478                    | #32-5479 | #33-5443 | #34-5667 | #35-5671 | #36-5512 | #37-5528 | #38-5700 | #39-5381 | #40-5506  |
| #41-5628                    | #42-5414 | #43-5272 | #44-5583 | #45-5603 | #46-5488 | #47-5364 | #48-5475 | #49-5424 | #50-5419  |
| #51-5263                    | #52-5257 | #53-5511 | #54-5659 | #55-5407 | #56-5484 | #57-5334 | #58-5308 | #59-5682 | #60-5447  |
| #61-5361                    | #62-5404 | #63-5691 | #64-5701 | #65-5326 | #66-5340 | #67-5639 | #68-5298 | #69-5270 | #70-5441  |
| #71-5602                    | #72-5520 | #73-5313 | #74-5571 | #75-5579 | #76-5463 | #77-5432 | #78-5502 | #79-5297 | #80-5354  |
| #81-5430                    | #82-5694 | #83-5288 | #84-5509 | #85-5296 | #86-5472 | #87-5692 | #88-5518 | #89-5507 | #90-5433  |
| #91-5421                    | #92-5469 | #93-5266 | #94-5657 | #95-5389 | #96-5474 | #97-5452 | #98-5295 | #99-5515 | #100-5523 |

| Type 6 #7 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5574                    | #02-5318 | #03-5459 | #04-5711 | #05-5545 | #06-5471 | #07-5668 | #08-5664 | #09-5331 | #10-5674  |
| #11-5298                    | #12-5561 | #13-5260 | #14-5575 | #15-5268 | #16-5396 | #17-5370 | #18-5437 | #19-5652 | #20-5583  |
| #21-5374                    | #22-5381 | #23-5520 | #24-5558 | #25-5270 | #26-5385 | #27-5501 | #28-5380 | #29-5429 | #30-5356  |
| #31-5262                    | #32-5393 | #33-5720 | #34-5514 | #35-5510 | #36-5365 | #37-5487 | #38-5305 | #39-5686 | #40-5553  |
| #41-5530                    | #42-5281 | #43-5434 | #44-5559 | #45-5390 | #46-5594 | #47-5463 | #48-5419 | #49-5642 | #50-5723  |
| #51-5351                    | #52-5266 | #53-5369 | #54-5648 | #55-5392 | #56-5448 | #57-5526 | #58-5627 | #59-5692 | #60-5415  |
| #61-5696                    | #62-5540 | #63-5489 | #64-5699 | #65-5660 | #66-5633 | #67-5568 | #68-5473 | #69-5315 | #70-5625  |
| #71-5634                    | #72-5313 | #73-5477 | #74-5348 | #75-5303 | #76-5342 | #77-5673 | #78-5690 | #79-5423 | #80-5407  |
| #81-5645                    | #82-5332 | #83-5466 | #84-5432 | #85-5253 | #86-5721 | #87-5272 | #88-5323 | #89-5375 | #90-5314  |
| #91-5572                    | #92-5589 | #93-5339 | #94-5525 | #95-5585 | #96-5713 | #97-5518 | #98-5460 | #99-5617 | #100-5481 |

| Type 6 #8 [Back to Summary] |          |          |          |          |          |          |          |          |           |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| #01-5271                    | #02-5712 | #03-5350 | #04-5263 | #05-5338 | #06-5289 | #07-5516 | #08-5268 | #09-5594 | #10-5297  |
| #11-5497                    | #12-5558 | #13-5455 | #14-5537 | #15-5491 | #16-5614 | #17-5327 | #18-5310 | #19-5694 | #20-5665  |
| #21-5615                    | #22-5494 | #23-5353 | #24-5251 | #25-5312 | #26-5303 | #27-5701 | #28-5678 | #29-5498 | #30-5320  |
| #31-5553                    | #32-5466 | #33-5328 | #34-5668 | #35-5389 | #36-5658 | #37-5708 | #38-5450 | #39-5348 | #40-5689  |
| #41-5458                    | #42-5253 | #43-5456 | #44-5335 | #45-5546 | #46-5262 | #47-5388 | #48-5531 | #49-5284 | #50-5692  |
| #51-5638                    | #52-5463 | #53-5489 | #54-5676 | #55-5589 | #56-5506 | #57-5612 | #58-5356 | #59-5679 | #60-5290  |
| #61-5317                    | #62-5563 | #63-5499 | #64-5529 | #65-5468 | #66-5281 | #67-5484 | #68-5513 | #69-5406 | #70-5560  |
| #71-5629                    | #72-5601 | #73-5690 | #74-5255 | #75-5454 | #76-5611 | #77-5294 | #78-5273 | #79-5432 | #80-5302  |
| #81-5643                    | #82-5425 | #83-5647 | #84-5532 | #85-5404 | #86-5351 | #87-5705 | #88-5376 | #89-5339 | #90-5606  |
| #91-5301                    | #92-5609 | #93-5500 | #94-5313 | #95-5631 | #96-5623 | #97-5482 | #98-5653 | #99-5586 | #100-5518 |

| Type 6 #9 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5503                    | #02-5598 | #03-5374 | #04-5451 | #05-5314 | #06-5288 | #07-5496 | #08-5484 | #09-5471 | #10-5703  |
| #11-5462                    | #12-5594 | #13-5642 | #14-5634 | #15-5368 | #16-5613 | #17-5639 | #18-5693 | #19-5373 | #20-5375  |
| #21-5300                    | #22-5362 | #23-5428 | #24-5522 | #25-5510 | #26-5267 | #27-5353 | #28-5635 | #29-5347 | #30-5561  |
| #31-5381                    | #32-5361 | #33-5409 | #34-5646 | #35-5521 | #36-5293 | #37-5297 | #38-5447 | #39-5466 | #40-5363  |
| #41-5574                    | #42-5473 | #43-5624 | #44-5350 | #45-5397 | #46-5431 | #47-5695 | #48-5587 | #49-5663 | #50-5264  |
| #51-5710                    | #52-5517 | #53-5531 | #54-5463 | #55-5464 | #56-5390 | #57-5419 | #58-5581 | #59-5671 | #60-5294  |
| #61-5661                    | #62-5586 | #63-5386 | #64-5637 | #65-5573 | #66-5344 | #67-5437 | #68-5723 | #69-5360 | #70-5322  |
| #71-5565                    | #72-5444 | #73-5483 | #74-5260 | #75-5534 | #76-5558 | #77-5470 | #78-5324 | #79-5379 | #80-5328  |
| #81-5298                    | #82-5500 | #83-5701 | #84-5331 | #85-5582 | #86-5596 | #87-5562 | #88-5673 | #89-5430 | #90-5384  |
| #91-5606                    | #92-5445 | #93-5507 | #94-5417 | #95-5429 | #96-5712 | #97-5330 | #98-5713 | #99-5509 | #100-5287 |

| Type 6 #10 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5716                     | #02-5695 | #03-5470 | #04-5584 | #05-5424 | #06-5514 | #07-5283 | #08-5515 | #09-5657 | #10-5629  |
| #11-5644                     | #12-5340 | #13-5450 | #14-5586 | #15-5721 | #16-5411 | #17-5609 | #18-5300 | #19-5308 | #20-5707  |
| #21-5511                     | #22-5489 | #23-5541 | #24-5708 | #25-5444 | #26-5368 | #27-5664 | #28-5312 | #29-5556 | #30-5542  |
| #31-5468                     | #32-5477 | #33-5547 | #34-5331 | #35-5337 | #36-5326 | #37-5271 | #38-5364 | #39-5631 | #40-5310  |
| #41-5555                     | #42-5293 | #43-5260 | #44-5524 | #45-5458 | #46-5507 | #47-5715 | #48-5639 | #49-5417 | #50-5264  |
| #51-5351                     | #52-5282 | #53-5653 | #54-5520 | #55-5501 | #56-5473 | #57-5402 | #58-5486 | #59-5386 | #60-5305  |
| #61-5577                     | #62-5693 | #63-5680 | #64-5366 | #65-5407 | #66-5415 | #67-5522 | #68-5370 | #69-5498 | #70-5643  |
| #71-5391                     | #72-5496 | #73-5394 | #74-5722 | #75-5403 | #76-5469 | #77-5481 | #78-5267 | #79-5503 | #80-5665  |
| #81-5378                     | #82-5275 | #83-5618 | #84-5550 | #85-5443 | #86-5438 | #87-5560 | #88-5278 | #89-5563 | #90-5595  |
| #91-5651                     | #92-5516 | #93-5701 | #94-5580 | #95-5457 | #96-5589 | #97-5336 | #98-5623 | #99-5362 | #100-5292 |

| Type 6 #11 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5715                     | #02-5597 | #03-5390 | #04-5501 | #05-5598 | #06-5575 | #07-5613 | #08-5656 | #09-5364 | #10-5282  |
| #11-5718                     | #12-5383 | #13-5710 | #14-5445 | #15-5648 | #16-5545 | #17-5326 | #18-5386 | #19-5642 | #20-5691  |
| #21-5584                     | #22-5486 | #23-5533 | #24-5630 | #25-5717 | #26-5600 | #27-5513 | #28-5537 | #29-5503 | #30-5539  |
| #31-5376                     | #32-5578 | #33-5624 | #34-5449 | #35-5672 | #36-5497 | #37-5606 | #38-5359 | #39-5668 | #40-5586  |
| #41-5544                     | #42-5617 | #43-5635 | #44-5511 | #45-5589 | #46-5502 | #47-5515 | #48-5491 | #49-5651 | #50-5636  |
| #51-5490                     | #52-5676 | #53-5701 | #54-5388 | #55-5418 | #56-5461 | #57-5303 | #58-5469 | #59-5494 | #60-5720  |
| #61-5301                     | #62-5313 | #63-5387 | #64-5538 | #65-5622 | #66-5373 | #67-5468 | #68-5492 | #69-5482 | #70-5381  |
| #71-5663                     | #72-5685 | #73-5429 | #74-5294 | #75-5379 | #76-5692 | #77-5568 | #78-5263 | #79-5281 | #80-5440  |
| #81-5323                     | #82-5260 | #83-5611 | #84-5590 | #85-5285 | #86-5421 | #87-5601 | #88-5466 | #89-5273 | #90-5436  |
| #91-5435                     | #92-5366 | #93-5574 | #94-5675 | #95-5527 | #96-5471 | #97-5460 | #98-5333 | #99-5618 | #100-5450 |

| Type 6 #12 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5282                     | #02-5268 | #03-5257 | #04-5509 | #05-5699 | #06-5545 | #07-5482 | #08-5651 | #09-5256 | #10-5461  |
| #11-5623                     | #12-5296 | #13-5446 | #14-5308 | #15-5640 | #16-5299 | #17-5429 | #18-5526 | #19-5510 | #20-5447  |
| #21-5505                     | #22-5252 | #23-5481 | #24-5305 | #25-5673 | #26-5541 | #27-5356 | #28-5494 | #29-5493 | #30-5635  |
| #31-5470                     | #32-5488 | #33-5373 | #34-5556 | #35-5419 | #36-5315 | #37-5255 | #38-5361 | #39-5625 | #40-5469  |
| #41-5676                     | #42-5682 | #43-5474 | #44-5546 | #45-5555 | #46-5402 | #47-5658 | #48-5532 | #49-5288 | #50-5491  |
| #51-5309                     | #52-5677 | #53-5564 | #54-5421 | #55-5686 | #56-5280 | #57-5518 | #58-5684 | #59-5568 | #60-5409  |
| #61-5438                     | #62-5716 | #63-5407 | #64-5348 | #65-5715 | #66-5386 | #67-5647 | #68-5619 | #69-5608 | #70-5581  |
| #71-5292                     | #72-5324 | #73-5628 | #74-5293 | #75-5500 | #76-5553 | #77-5506 | #78-5666 | #79-5473 | #80-5521  |
| #81-5607                     | #82-5554 | #83-5452 | #84-5253 | #85-5584 | #86-5524 | #87-5656 | #88-5674 | #89-5593 | #90-5388  |
| #91-5523                     | #92-5302 | #93-5522 | #94-5454 | #95-5278 | #96-5688 | #97-5517 | #98-5374 | #99-5552 | #100-5406 |

| Type 6 #13 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5480                     | #02-5284 | #03-5644 | #04-5432 | #05-5449 | #06-5709 | #07-5296 | #08-5517 | #09-5649 | #10-5382  |
| #11-5500                     | #12-5573 | #13-5454 | #14-5293 | #15-5531 | #16-5615 | #17-5508 | #18-5405 | #19-5492 | #20-5442  |
| #21-5456                     | #22-5699 | #23-5277 | #24-5467 | #25-5306 | #26-5716 | #27-5526 | #28-5413 | #29-5261 | #30-5544  |
| #31-5280                     | #32-5376 | #33-5365 | #34-5317 | #35-5289 | #36-5578 | #37-5633 | #38-5273 | #39-5534 | #40-5598  |
| #41-5477                     | #42-5389 | #43-5272 | #44-5462 | #45-5620 | #46-5676 | #47-5572 | #48-5481 | #49-5659 | #50-5386  |
| #51-5424                     | #52-5360 | #53-5611 | #54-5354 | #55-5682 | #56-5510 | #57-5254 | #58-5427 | #59-5377 | #60-5460  |
| #61-5437                     | #62-5608 | #63-5509 | #64-5357 | #65-5350 | #66-5372 | #67-5463 | #68-5392 | #69-5255 | #70-5684  |
| #71-5710                     | #72-5491 | #73-5606 | #74-5626 | #75-5694 | #76-5319 | #77-5675 | #78-5550 | #79-5580 | #80-5353  |
| #81-5399                     | #82-5298 | #83-5490 | #84-5603 | #85-5366 | #86-5647 | #87-5499 | #88-5260 | #89-5359 | #90-5515  |
| #91-5571                     | #92-5458 | #93-5628 | #94-5323 | #95-5411 | #96-5599 | #97-5616 | #98-5645 | #99-5352 | #100-5502 |

| Type 6 #14 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5467                     | #02-5429 | #03-5474 | #04-5699 | #05-5402 | #06-5665 | #07-5484 | #08-5712 | #09-5384 | #10-5612  |
| #11-5555                     | #12-5434 | #13-5575 | #14-5269 | #15-5309 | #16-5390 | #17-5367 | #18-5628 | #19-5717 | #20-5432  |
| #21-5601                     | #22-5446 | #23-5279 | #24-5476 | #25-5361 | #26-5505 | #27-5586 | #28-5533 | #29-5462 | #30-5345  |
| #31-5431                     | #32-5285 | #33-5439 | #34-5328 | #35-5616 | #36-5691 | #37-5548 | #38-5513 | #39-5448 | #40-5422  |
| #41-5408                     | #42-5510 | #43-5602 | #44-5473 | #45-5675 | #46-5376 | #47-5607 | #48-5604 | #49-5260 | #50-5266  |
| #51-5479                     | #52-5706 | #53-5648 | #54-5650 | #55-5619 | #56-5272 | #57-5396 | #58-5723 | #59-5583 | #60-5626  |
| #61-5326                     | #62-5676 | #63-5499 | #64-5289 | #65-5425 | #66-5522 | #67-5722 | #68-5495 | #69-5377 | #70-5339  |
| #71-5568                     | #72-5582 | #73-5426 | #74-5542 | #75-5271 | #76-5342 | #77-5571 | #78-5534 | #79-5525 | #80-5707  |
| #81-5625                     | #82-5705 | #83-5519 | #84-5442 | #85-5596 | #86-5447 | #87-5356 | #88-5512 | #89-5430 | #90-5591  |
| #91-5541                     | #92-5549 | #93-5652 | #94-5546 | #95-5338 | #96-5456 | #97-5256 | #98-5561 | #99-5291 | #100-5395 |

| Type 6 #15 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5382                     | #02-5358 | #03-5471 | #04-5643 | #05-5422 | #06-5615 | #07-5526 | #08-5353 | #09-5627 | #10-5521  |
| #11-5425                     | #12-5591 | #13-5448 | #14-5602 | #15-5251 | #16-5343 | #17-5404 | #18-5301 | #19-5416 | #20-5705  |
| #21-5408                     | #22-5462 | #23-5307 | #24-5518 | #25-5529 | #26-5271 | #27-5661 | #28-5610 | #29-5447 | #30-5540  |
| #31-5336                     | #32-5261 | #33-5494 | #34-5371 | #35-5578 | #36-5516 | #37-5490 | #38-5606 | #39-5275 | #40-5708  |
| #41-5652                     | #42-5258 | #43-5614 | #44-5644 | #45-5417 | #46-5678 | #47-5348 | #48-5298 | #49-5548 | #50-5250  |
| #51-5308                     | #52-5683 | #53-5396 | #54-5314 | #55-5721 | #56-5650 | #57-5303 | #58-5680 | #59-5370 | #60-5402  |
| #61-5682                     | #62-5641 | #63-5633 | #64-5341 | #65-5438 | #66-5415 | #67-5352 | #68-5328 | #69-5278 | #70-5468  |
| #71-5581                     | #72-5531 | #73-5281 | #74-5439 | #75-5309 | #76-5405 | #77-5573 | #78-5394 | #79-5354 | #80-5577  |
| #81-5651                     | #82-5612 | #83-5316 | #84-5453 | #85-5487 | #86-5386 | #87-5593 | #88-5437 | #89-5379 | #90-5657  |
| #91-5473                     | #92-5541 | #93-5492 | #94-5600 | #95-5277 | #96-5257 | #97-5351 | #98-5528 | #99-5464 | #100-5254 |

| Type 6 #16 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5575                     | #02-5271 | #03-5273 | #04-5335 | #05-5395 | #06-5504 | #07-5652 | #08-5687 | #09-5256 | #10-5570  |
| #11-5327                     | #12-5634 | #13-5580 | #14-5516 | #15-5476 | #16-5321 | #17-5581 | #18-5439 | #19-5586 | #20-5303  |
| #21-5546                     | #22-5646 | #23-5677 | #24-5351 | #25-5723 | #26-5297 | #27-5292 | #28-5406 | #29-5409 | #30-5300  |
| #31-5305                     | #32-5304 | #33-5661 | #34-5350 | #35-5724 | #36-5624 | #37-5590 | #38-5703 | #39-5302 | #40-5701  |
| #41-5457                     | #42-5627 | #43-5425 | #44-5529 | #45-5572 | #46-5551 | #47-5679 | #48-5692 | #49-5374 | #50-5678  |
| #51-5402                     | #52-5630 | #53-5659 | #54-5405 | #55-5433 | #56-5651 | #57-5322 | #58-5642 | #59-5339 | #60-5352  |
| #61-5462                     | #62-5495 | #63-5527 | #64-5683 | #65-5514 | #66-5274 | #67-5698 | #68-5482 | #69-5512 | #70-5571  |
| #71-5454                     | #72-5598 | #73-5387 | #74-5603 | #75-5564 | #76-5638 | #77-5468 | #78-5393 | #79-5494 | #80-5417  |
| #81-5342                     | #82-5324 | #83-5280 | #84-5449 | #85-5617 | #86-5391 | #87-5365 | #88-5505 | #89-5636 | #90-5318  |
| #91-5552                     | #92-5666 | #93-5613 | #94-5676 | #95-5488 | #96-5684 | #97-5348 | #98-5461 | #99-5260 | #100-5544 |

| Type 6 #17 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5580                     | #02-5445 | #03-5425 | #04-5520 | #05-5473 | #06-5526 | #07-5494 | #08-5305 | #09-5559 | #10-5514  |
| #11-5432                     | #12-5650 | #13-5395 | #14-5642 | #15-5255 | #16-5384 | #17-5464 | #18-5328 | #19-5312 | #20-5373  |
| #21-5638                     | #22-5443 | #23-5573 | #24-5449 | #25-5271 | #26-5518 | #27-5708 | #28-5434 | #29-5362 | #30-5616  |
| #31-5547                     | #32-5257 | #33-5383 | #34-5676 | #35-5566 | #36-5623 | #37-5625 | #38-5487 | #39-5702 | #40-5343  |
| #41-5626                     | #42-5306 | #43-5674 | #44-5371 | #45-5609 | #46-5633 | #47-5516 | #48-5703 | #49-5673 | #50-5352  |
| #51-5467                     | #52-5268 | #53-5401 | #54-5610 | #55-5640 | #56-5387 | #57-5597 | #58-5704 | #59-5497 | #60-5684  |
| #61-5540                     | #62-5307 | #63-5666 | #64-5668 | #65-5695 | #66-5421 | #67-5509 | #68-5446 | #69-5325 | #70-5355  |
| #71-5485                     | #72-5701 | #73-5348 | #74-5691 | #75-5474 | #76-5575 | #77-5491 | #78-5440 | #79-5560 | #80-5359  |
| #81-5723                     | #82-5254 | #83-5483 | #84-5260 | #85-5391 | #86-5527 | #87-5579 | #88-5495 | #89-5283 | #90-5419  |
| #91-5272                     | #92-5645 | #93-5714 | #94-5270 | #95-5529 | #96-5563 | #97-5363 | #98-5252 | #99-5403 | #100-5430 |

| Type 6 #18 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5366                     | #02-5317 | #03-5623 | #04-5563 | #05-5591 | #06-5491 | #07-5641 | #08-5434 | #09-5385 | #10-5309  |
| #11-5619                     | #12-5404 | #13-5391 | #14-5383 | #15-5686 | #16-5536 | #17-5547 | #18-5658 | #19-5523 | #20-5419  |
| #21-5572                     | #22-5267 | #23-5416 | #24-5629 | #25-5337 | #26-5569 | #27-5714 | #28-5331 | #29-5414 | #30-5638  |
| #31-5462                     | #32-5489 | #33-5290 | #34-5377 | #35-5723 | #36-5656 | #37-5355 | #38-5650 | #39-5393 | #40-5626  |
| #41-5607                     | #42-5395 | #43-5358 | #44-5698 | #45-5529 | #46-5589 | #47-5502 | #48-5578 | #49-5305 | #50-5715  |
| #51-5265                     | #52-5436 | #53-5454 | #54-5708 | #55-5583 | #56-5345 | #57-5625 | #58-5719 | #59-5472 | #60-5270  |
| #61-5501                     | #62-5553 | #63-5269 | #64-5473 | #65-5571 | #66-5374 | #67-5357 | #68-5259 | #69-5386 | #70-5279  |
| #71-5432                     | #72-5622 | #73-5513 | #74-5621 | #75-5533 | #76-5428 | #77-5634 | #78-5444 | #79-5342 | #80-5474  |
| #81-5313                     | #82-5382 | #83-5275 | #84-5426 | #85-5618 | #86-5278 | #87-5288 | #88-5308 | #89-5520 | #90-5630  |
| #91-5281                     | #92-5363 | #93-5430 | #94-5372 | #95-5376 | #96-5302 | #97-5379 | #98-5613 | #99-5378 | #100-5411 |

| Type 6 #19 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5480                     | #02-5492 | #03-5443 | #04-5279 | #05-5537 | #06-5368 | #07-5646 | #08-5557 | #09-5423 | #10-5407  |
| #11-5441                     | #12-5433 | #13-5625 | #14-5251 | #15-5682 | #16-5367 | #17-5534 | #18-5574 | #19-5580 | #20-5547  |
| #21-5339                     | #22-5302 | #23-5469 | #24-5487 | #25-5724 | #26-5316 | #27-5449 | #28-5390 | #29-5501 | #30-5484  |
| #31-5301                     | #32-5269 | #33-5319 | #34-5670 | #35-5716 | #36-5552 | #37-5665 | #38-5718 | #39-5613 | #40-5504  |
| #41-5355                     | #42-5456 | #43-5610 | #44-5358 | #45-5430 | #46-5573 | #47-5463 | #48-5419 | #49-5412 | #50-5255  |
| #51-5499                     | #52-5530 | #53-5284 | #54-5559 | #55-5311 | #56-5426 | #57-5274 | #58-5684 | #59-5281 | #60-5472  |
| #61-5648                     | #62-5510 | #63-5309 | #64-5668 | #65-5356 | #66-5421 | #67-5366 | #68-5681 | #69-5260 | #70-5384  |
| #71-5432                     | #72-5545 | #73-5687 | #74-5328 | #75-5444 | #76-5615 | #77-5418 | #78-5360 | #79-5304 | #80-5404  |
| #81-5587                     | #82-5276 | #83-5702 | #84-5502 | #85-5711 | #86-5509 | #87-5709 | #88-5495 | #89-5609 | #90-5546  |
| #91-5529                     | #92-5705 | #93-5689 | #94-5392 | #95-5586 | #96-5583 | #97-5395 | #98-5663 | #99-5253 | #100-5262 |

| Type 6 #20 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5454                     | #02-5509 | #03-5412 | #04-5282 | #05-5552 | #06-5682 | #07-5568 | #08-5683 | #09-5362 | #10-5426  |
| #11-5257                     | #12-5639 | #13-5628 | #14-5600 | #15-5614 | #16-5619 | #17-5525 | #18-5538 | #19-5678 | #20-5577  |
| #21-5433                     | #22-5598 | #23-5321 | #24-5442 | #25-5581 | #26-5444 | #27-5571 | #28-5536 | #29-5466 | #30-5585  |
| #31-5458                     | #32-5474 | #33-5351 | #34-5292 | #35-5675 | #36-5318 | #37-5587 | #38-5669 | #39-5665 | #40-5279  |
| #41-5657                     | #42-5276 | #43-5374 | #44-5425 | #45-5527 | #46-5609 | #47-5327 | #48-5337 | #49-5500 | #50-5690  |
| #51-5300                     | #52-5579 | #53-5714 | #54-5395 | #55-5545 | #56-5573 | #57-5431 | #58-5695 | #59-5417 | #60-5352  |
| #61-5355                     | #62-5274 | #63-5461 | #64-5498 | #65-5692 | #66-5502 | #67-5531 | #68-5586 | #69-5650 | #70-5540  |
| #71-5281                     | #72-5583 | #73-5601 | #74-5647 | #75-5646 | #76-5401 | #77-5470 | #78-5617 | #79-5637 | #80-5702  |
| #81-5364                     | #82-5480 | #83-5286 | #84-5501 | #85-5528 | #86-5604 | #87-5482 | #88-5684 | #89-5459 | #90-5341  |
| #91-5607                     | #92-5620 | #93-5486 | #94-5554 | #95-5649 | #96-5630 | #97-5529 | #98-5593 | #99-5451 | #100-5271 |

| Type 6 #21 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5324                     | #02-5468 | #03-5411 | #04-5684 | #05-5653 | #06-5441 | #07-5707 | #08-5313 | #09-5477 | #10-5390  |
| #11-5352                     | #12-5545 | #13-5302 | #14-5450 | #15-5711 | #16-5596 | #17-5716 | #18-5677 | #19-5689 | #20-5333  |
| #21-5265                     | #22-5576 | #23-5367 | #24-5553 | #25-5657 | #26-5387 | #27-5339 | #28-5286 | #29-5724 | #30-5266  |
| #31-5591                     | #32-5600 | #33-5403 | #34-5611 | #35-5622 | #36-5624 | #37-5325 | #38-5328 | #39-5575 | #40-5346  |
| #41-5620                     | #42-5426 | #43-5457 | #44-5327 | #45-5718 | #46-5312 | #47-5562 | #48-5294 | #49-5571 | #50-5301  |
| #51-5638                     | #52-5582 | #53-5631 | #54-5384 | #55-5258 | #56-5474 | #57-5355 | #58-5579 | #59-5273 | #60-5515  |
| #61-5358                     | #62-5668 | #63-5316 | #64-5462 | #65-5522 | #66-5480 | #67-5397 | #68-5420 | #69-5547 | #70-5338  |
| #71-5521                     | #72-5640 | #73-5354 | #74-5597 | #75-5438 | #76-5564 | #77-5377 | #78-5287 | #79-5558 | #80-5598  |
| #81-5543                     | #82-5291 | #83-5440 | #84-5673 | #85-5359 | #86-5255 | #87-5694 | #88-5269 | #89-5605 | #90-5409  |
| #91-5524                     | #92-5471 | #93-5305 | #94-5315 | #95-5715 | #96-5679 | #97-5368 | #98-5720 | #99-5528 | #100-5494 |

| Type 6 #22 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5647                     | #02-5399 | #03-5471 | #04-5491 | #05-5507 | #06-5251 | #07-5486 | #08-5286 | #09-5672 | #10-5417  |
| #11-5348                     | #12-5312 | #13-5272 | #14-5404 | #15-5694 | #16-5310 | #17-5484 | #18-5369 | #19-5359 | #20-5522  |
| #21-5513                     | #22-5376 | #23-5543 | #24-5398 | #25-5540 | #26-5303 | #27-5589 | #28-5287 | #29-5608 | #30-5483  |
| #31-5458                     | #32-5379 | #33-5489 | #34-5319 | #35-5675 | #36-5401 | #37-5554 | #38-5673 | #39-5420 | #40-5351  |
| #41-5501                     | #42-5659 | #43-5323 | #44-5439 | #45-5304 | #46-5467 | #47-5449 | #48-5629 | #49-5344 | #50-5660  |
| #51-5450                     | #52-5717 | #53-5616 | #54-5262 | #55-5710 | #56-5531 | #57-5590 | #58-5326 | #59-5682 | #60-5455  |
| #61-5392                     | #62-5452 | #63-5409 | #64-5443 | #65-5688 | #66-5698 | #67-5559 | #68-5679 | #69-5459 | #70-5552  |
| #71-5494                     | #72-5542 | #73-5677 | #74-5256 | #75-5270 | #76-5580 | #77-5300 | #78-5354 | #79-5341 | #80-5322  |
| #81-5587                     | #82-5686 | #83-5665 | #84-5669 | #85-5284 | #86-5469 | #87-5496 | #88-5476 | #89-5335 | #90-5402  |
| #91-5545                     | #92-5477 | #93-5716 | #94-5690 | #95-5685 | #96-5295 | #97-5509 | #98-5607 | #99-5475 | #100-5333 |

| Type 6 #23 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5636                     | #02-5490 | #03-5419 | #04-5523 | #05-5418 | #06-5634 | #07-5288 | #08-5607 | #09-5716 | #10-5381  |
| #11-5471                     | #12-5482 | #13-5707 | #14-5606 | #15-5592 | #16-5430 | #17-5505 | #18-5456 | #19-5400 | #20-5469  |
| #21-5454                     | #22-5327 | #23-5595 | #24-5304 | #25-5259 | #26-5265 | #27-5547 | #28-5713 | #29-5296 | #30-5698  |
| #31-5325                     | #32-5417 | #33-5604 | #34-5258 | #35-5408 | #36-5342 | #37-5517 | #38-5393 | #39-5504 | #40-5374  |
| #41-5427                     | #42-5610 | #43-5484 | #44-5675 | #45-5653 | #46-5303 | #47-5492 | #48-5356 | #49-5344 | #50-5509  |
| #51-5520                     | #52-5291 | #53-5452 | #54-5252 | #55-5602 | #56-5561 | #57-5625 | #58-5364 | #59-5519 | #60-5404  |
| #61-5338                     | #62-5300 | #63-5566 | #64-5268 | #65-5311 | #66-5306 | #67-5611 | #68-5699 | #69-5451 | #70-5510  |
| #71-5647                     | #72-5365 | #73-5683 | #74-5279 | #75-5297 | #76-5579 | #77-5577 | #78-5650 | #79-5382 | #80-5682  |
| #81-5503                     | #82-5441 | #83-5624 | #84-5525 | #85-5437 | #86-5282 | #87-5693 | #88-5603 | #89-5386 | #90-5581  |
| #91-5447                     | #92-5401 | #93-5613 | #94-5348 | #95-5286 | #96-5377 | #97-5298 | #98-5470 | #99-5623 | #100-5600 |

| Type 6 #24 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5424                     | #02-5515 | #03-5633 | #04-5565 | #05-5585 | #06-5401 | #07-5334 | #08-5422 | #09-5682 | #10-5273  |
| #11-5707                     | #12-5699 | #13-5710 | #14-5554 | #15-5626 | #16-5622 | #17-5402 | #18-5293 | #19-5552 | #20-5275  |
| #21-5335                     | #22-5252 | #23-5563 | #24-5594 | #25-5308 | #26-5491 | #27-5478 | #28-5584 | #29-5718 | #30-5645  |
| #31-5526                     | #32-5359 | #33-5279 | #34-5502 | #35-5504 | #36-5711 | #37-5527 | #38-5306 | #39-5656 | #40-5283  |
| #41-5671                     | #42-5516 | #43-5642 | #44-5360 | #45-5593 | #46-5465 | #47-5412 | #48-5300 | #49-5441 | #50-5385  |
| #51-5693                     | #52-5250 | #53-5631 | #54-5589 | #55-5510 | #56-5419 | #57-5673 | #58-5290 | #59-5503 | #60-5344  |
| #61-5647                     | #62-5470 | #63-5429 | #64-5287 | #65-5466 | #66-5598 | #67-5670 | #68-5452 | #69-5302 | #70-5640  |
| #71-5347                     | #72-5351 | #73-5365 | #74-5523 | #75-5328 | #76-5540 | #77-5333 | #78-5455 | #79-5723 | #80-5561  |
| #81-5329                     | #82-5431 | #83-5393 | #84-5580 | #85-5675 | #86-5530 | #87-5449 | #88-5410 | #89-5715 | #90-5337  |
| #91-5285                     | #92-5490 | #93-5524 | #94-5566 | #95-5362 | #96-5447 | #97-5341 | #98-5609 | #99-5616 | #100-5722 |

| Type 6 #25 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5523                     | #02-5684 | #03-5724 | #04-5524 | #05-5290 | #06-5596 | #07-5613 | #08-5359 | #09-5510 | #10-5699  |
| #11-5337                     | #12-5467 | #13-5288 | #14-5668 | #15-5263 | #16-5465 | #17-5332 | #18-5572 | #19-5339 | #20-5662  |
| #21-5398                     | #22-5508 | #23-5462 | #24-5689 | #25-5605 | #26-5577 | #27-5549 | #28-5520 | #29-5412 | #30-5604  |
| #31-5446                     | #32-5447 | #33-5563 | #34-5250 | #35-5289 | #36-5369 | #37-5429 | #38-5593 | #39-5540 | #40-5326  |
| #41-5641                     | #42-5341 | #43-5625 | #44-5266 | #45-5720 | #46-5539 | #47-5449 | #48-5578 | #49-5548 | #50-5619  |
| #51-5365                     | #52-5488 | #53-5516 | #54-5677 | #55-5574 | #56-5264 | #57-5466 | #58-5284 | #59-5645 | #60-5432  |
| #61-5298                     | #62-5342 | #63-5672 | #64-5634 | #65-5495 | #66-5614 | #67-5631 | #68-5291 | #69-5632 | #70-5620  |
| #71-5286                     | #72-5459 | #73-5281 | #74-5259 | #75-5274 | #76-5312 | #77-5610 | #78-5444 | #79-5695 | #80-5319  |
| #81-5381                     | #82-5700 | #83-5701 | #84-5518 | #85-5485 | #86-5683 | #87-5655 | #88-5608 | #89-5399 | #90-5276  |
| #91-5623                     | #92-5395 | #93-5674 | #94-5357 | #95-5283 | #96-5546 | #97-5393 | #98-5715 | #99-5487 | #100-5361 |

| Type 6 #26 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5636                     | #02-5412 | #03-5671 | #04-5654 | #05-5578 | #06-5624 | #07-5457 | #08-5508 | #09-5652 | #10-5515  |
| #11-5375                     | #12-5269 | #13-5315 | #14-5575 | #15-5307 | #16-5323 | #17-5366 | #18-5400 | #19-5395 | #20-5541  |
| #21-5684                     | #22-5266 | #23-5612 | #24-5604 | #25-5720 | #26-5614 | #27-5512 | #28-5653 | #29-5703 | #30-5445  |
| #31-5635                     | #32-5617 | #33-5682 | #34-5580 | #35-5402 | #36-5690 | #37-5276 | #38-5293 | #39-5664 | #40-5581  |
| #41-5471                     | #42-5391 | #43-5683 | #44-5600 | #45-5616 | #46-5595 | #47-5329 | #48-5345 | #49-5295 | #50-5685  |
| #51-5431                     | #52-5718 | #53-5560 | #54-5672 | #55-5397 | #56-5610 | #57-5516 | #58-5313 | #59-5656 | #60-5691  |
| #61-5359                     | #62-5522 | #63-5523 | #64-5450 | #65-5594 | #66-5475 | #67-5309 | #68-5448 | #69-5419 | #70-5340  |
| #71-5292                     | #72-5322 | #73-5456 | #74-5528 | #75-5314 | #76-5533 | #77-5304 | #78-5254 | #79-5709 | #80-5365  |
| #81-5531                     | #82-5417 | #83-5601 | #84-5268 | #85-5262 | #86-5641 | #87-5299 | #88-5257 | #89-5436 | #90-5504  |
| #91-5416                     | #92-5687 | #93-5360 | #94-5701 | #95-5474 | #96-5666 | #97-5582 | #98-5477 | #99-5252 | #100-5389 |

| Type 6 #27 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5542                     | #02-5600 | #03-5648 | #04-5677 | #05-5636 | #06-5359 | #07-5508 | #08-5287 | #09-5608 | #10-5585  |
| #11-5558                     | #12-5515 | #13-5330 | #14-5540 | #15-5403 | #16-5670 | #17-5649 | #18-5506 | #19-5438 | #20-5687  |
| #21-5428                     | #22-5303 | #23-5268 | #24-5637 | #25-5652 | #26-5334 | #27-5691 | #28-5478 | #29-5307 | #30-5370  |
| #31-5673                     | #32-5552 | #33-5252 | #34-5566 | #35-5544 | #36-5659 | #37-5489 | #38-5654 | #39-5355 | #40-5624  |
| #41-5382                     | #42-5261 | #43-5373 | #44-5570 | #45-5676 | #46-5618 | #47-5599 | #48-5532 | #49-5537 | #50-5522  |
| #51-5271                     | #52-5325 | #53-5286 | #54-5293 | #55-5686 | #56-5481 | #57-5578 | #58-5259 | #59-5277 | #60-5548  |
| #61-5396                     | #62-5279 | #63-5708 | #64-5482 | #65-5635 | #66-5255 | #67-5510 | #68-5480 | #69-5721 | #70-5463  |
| #71-5422                     | #72-5718 | #73-5404 | #74-5531 | #75-5550 | #76-5417 | #77-5656 | #78-5418 | #79-5690 | #80-5282  |
| #81-5451                     | #82-5395 | #83-5662 | #84-5496 | #85-5349 | #86-5593 | #87-5513 | #88-5685 | #89-5606 | #90-5313  |
| #91-5328                     | #92-5476 | #93-5625 | #94-5524 | #95-5472 | #96-5354 | #97-5283 | #98-5607 | #99-5658 | #100-5668 |

| Type 6 #28 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5356                     | #02-5366 | #03-5545 | #04-5324 | #05-5354 | #06-5276 | #07-5648 | #08-5475 | #09-5465 | #10-5515  |
| #11-5558                     | #12-5412 | #13-5295 | #14-5720 | #15-5345 | #16-5721 | #17-5339 | #18-5454 | #19-5390 | #20-5291  |
| #21-5464                     | #22-5559 | #23-5606 | #24-5661 | #25-5395 | #26-5666 | #27-5338 | #28-5600 | #29-5304 | #30-5448  |
| #31-5392                     | #32-5297 | #33-5491 | #34-5268 | #35-5649 | #36-5342 | #37-5582 | #38-5590 | #39-5403 | #40-5323  |
| #41-5676                     | #42-5294 | #43-5477 | #44-5350 | #45-5486 | #46-5642 | #47-5443 | #48-5634 | #49-5437 | #50-5493  |
| #51-5264                     | #52-5557 | #53-5478 | #54-5619 | #55-5461 | #56-5531 | #57-5495 | #58-5613 | #59-5659 | #60-5417  |
| #61-5667                     | #62-5299 | #63-5421 | #64-5266 | #65-5377 | #66-5516 | #67-5652 | #68-5275 | #69-5325 | #70-5254  |
| #71-5398                     | #72-5484 | #73-5308 | #74-5317 | #75-5351 | #76-5424 | #77-5337 | #78-5519 | #79-5438 | #80-5488  |
| #81-5487                     | #82-5439 | #83-5422 | #84-5554 | #85-5436 | #86-5571 | #87-5563 | #88-5604 | #89-5546 | #90-5376  |
| #91-5587                     | #92-5699 | #93-5663 | #94-5709 | #95-5388 | #96-5630 | #97-5608 | #98-5459 | #99-5698 | #100-5697 |

| Type 6 #29 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5717                     | #02-5413 | #03-5560 | #04-5428 | #05-5343 | #06-5515 | #07-5499 | #08-5405 | #09-5524 | #10-5290  |
| #11-5443                     | #12-5704 | #13-5430 | #14-5431 | #15-5664 | #16-5481 | #17-5609 | #18-5599 | #19-5563 | #20-5540  |
| #21-5682                     | #22-5301 | #23-5462 | #24-5675 | #25-5398 | #26-5418 | #27-5545 | #28-5319 | #29-5652 | #30-5442  |
| #31-5538                     | #32-5605 | #33-5534 | #34-5456 | #35-5482 | #36-5308 | #37-5596 | #38-5710 | #39-5448 | #40-5640  |
| #41-5307                     | #42-5387 | #43-5321 | #44-5495 | #45-5655 | #46-5598 | #47-5514 | #48-5474 | #49-5289 | #50-5630  |
| #51-5264                     | #52-5252 | #53-5618 | #54-5401 | #55-5263 | #56-5666 | #57-5677 | #58-5610 | #59-5275 | #60-5646  |
| #61-5696                     | #62-5423 | #63-5476 | #64-5330 | #65-5475 | #66-5562 | #67-5412 | #68-5697 | #69-5671 | #70-5601  |
| #71-5607                     | #72-5622 | #73-5389 | #74-5645 | #75-5473 | #76-5533 | #77-5706 | #78-5692 | #79-5270 | #80-5525  |
| #81-5627                     | #82-5316 | #83-5278 | #84-5273 | #85-5420 | #86-5531 | #87-5714 | #88-5372 | #89-5439 | #90-5542  |
| #91-5356                     | #92-5711 | #93-5683 | #94-5521 | #95-5665 | #96-5600 | #97-5636 | #98-5719 | #99-5267 | #100-5340 |

| Type 6 #30 [Back to Summary] |          |          |          |          |          |          |          |          |           |
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| #01-5429                     | #02-5544 | #03-5530 | #04-5413 | #05-5269 | #06-5368 | #07-5581 | #08-5693 | #09-5653 | #10-5451  |
| #11-5684                     | #12-5708 | #13-5588 | #14-5470 | #15-5266 | #16-5626 | #17-5398 | #18-5454 | #19-5627 | #20-5666  |
| #21-5570                     | #22-5289 | #23-5500 | #24-5375 | #25-5491 | #26-5622 | #27-5663 | #28-5593 | #29-5703 | #30-5592  |
| #31-5618                     | #32-5712 | #33-5673 | #34-5649 | #35-5346 | #36-5332 | #37-5507 | #38-5580 | #39-5253 | #40-5307  |
| #41-5679                     | #42-5271 | #43-5446 | #44-5718 | #45-5576 | #46-5374 | #47-5369 | #48-5460 | #49-5508 | #50-5292  |
| #51-5453                     | #52-5432 | #53-5338 | #54-5324 | #55-5492 | #56-5388 | #57-5293 | #58-5402 | #59-5644 | #60-5370  |
| #61-5428                     | #62-5709 | #63-5715 | #64-5306 | #65-5550 | #66-5695 | #67-5282 | #68-5656 | #69-5367 | #70-5650  |
| #71-5361                     | #72-5534 | #73-5449 | #74-5564 | #75-5710 | #76-5548 | #77-5558 | #78-5505 | #79-5515 | #80-5360  |
| #81-5496                     | #82-5445 | #83-5330 | #84-5657 | #85-5386 | #86-5431 | #87-5616 | #88-5596 | #89-5407 | #90-5683  |
| #91-5291                     | #92-5355 | #93-5662 | #94-5603 | #95-5599 | #96-5692 | #97-5277 | #98-5392 | #99-5412 | #100-5606 |



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