



REGULATORY COMPLIANCE TEST REPORT

FCC CFR 47 15.407, RSS-247 Issue 2

Report No.: MIKO101-U17 DFS Rev A

Company: MikroTiks SIA (MikroTik)

Model Name: RBD23UGS-5HPacD2HnD-NM-US,
RBD22UGS-5HPacD2HnD-15S-US

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1. Test Configurations

Results for the following configurations are provided in this report:

Operational Mode(s) (802.11a/b/g/n/ac)	Data Rate with Highest Power MBit/s	Channel Frequency (MHz)		
		Low	Mid	High
5470 - 5725 MHz				
a	6 Mbit/s	5,500.00	--	--
ac-80	NSS1-MCS0	5,530.00	--	--
HT-40	MCS0	5,510.00	--	--

2. TEST RESULTS

2.1. Dynamic Frequency Selection (DFS)

Test Conditions for Dynamic Frequency Selection (DFS)			
Standard:	FCC 15.407	Ambient Temp. (°C):	20.0 - 24.5
Test Heading:	Dynamic Frequency Selection (DFS)	Rel. Humidity (%):	32 - 45
Standard Section(s):	KDB 905462	Pressure (mBars):	999 - 1001
EUT Type:	Master	Frequency Bands:	5,250 – 5,350 MHz 5,470 – 5,725 MHz
Test Environment:	Conducted	Antenna Gain used for Testing:	7.0 dBi
Detection Threshold:	-64 dBm	Test Radar Level: (Threshold + Gain)	-57 dBm
Number of Antenna Chains:	3	Duty Cycle Target:	≥ 17.00%
Transmit Power:	+23 dBm	Minimum Data Rate:	6 Mbit/s / MCS0 / NSS1-MCS0
Uniform Loading:	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.		
Communication Method:	The requisite MPEG video file ("TestFile.mpg" available on the NTIA website at the following link http://ntiacsd.ntia.doc.gov/dfs/) is used during this video stream. iPerf is used in cases where the video stream does not provide the necessary load.		
Engineer Notes:			

Master Devices

- 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.
- 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.
- 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.
- 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).
- 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.
- Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.
- 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 <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	$\text{Roundup}\left(\frac{1}{360}\right)$ $\left(\frac{19 \cdot 10^6}{\text{PRI}_{(rob)}}\right)$	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.

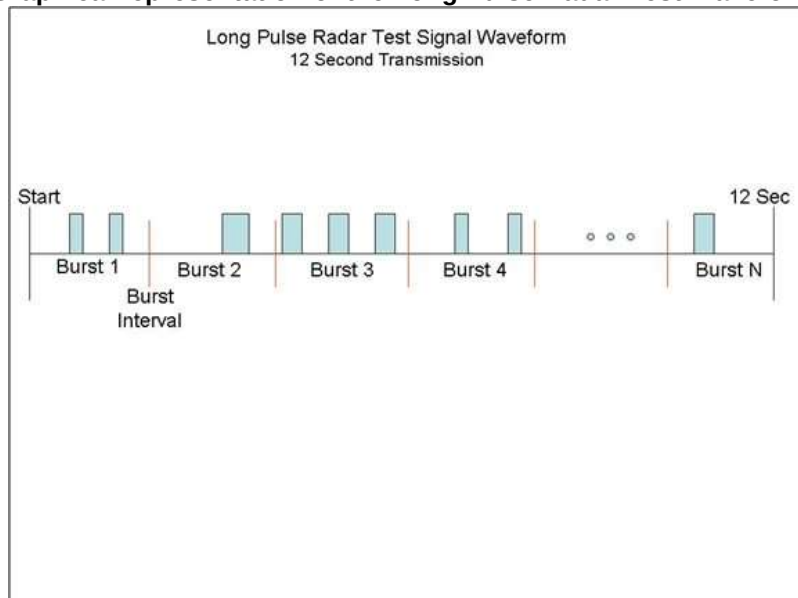
Each waveform is defined as follows:

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 frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a transmission period will have the same chirp width. 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.

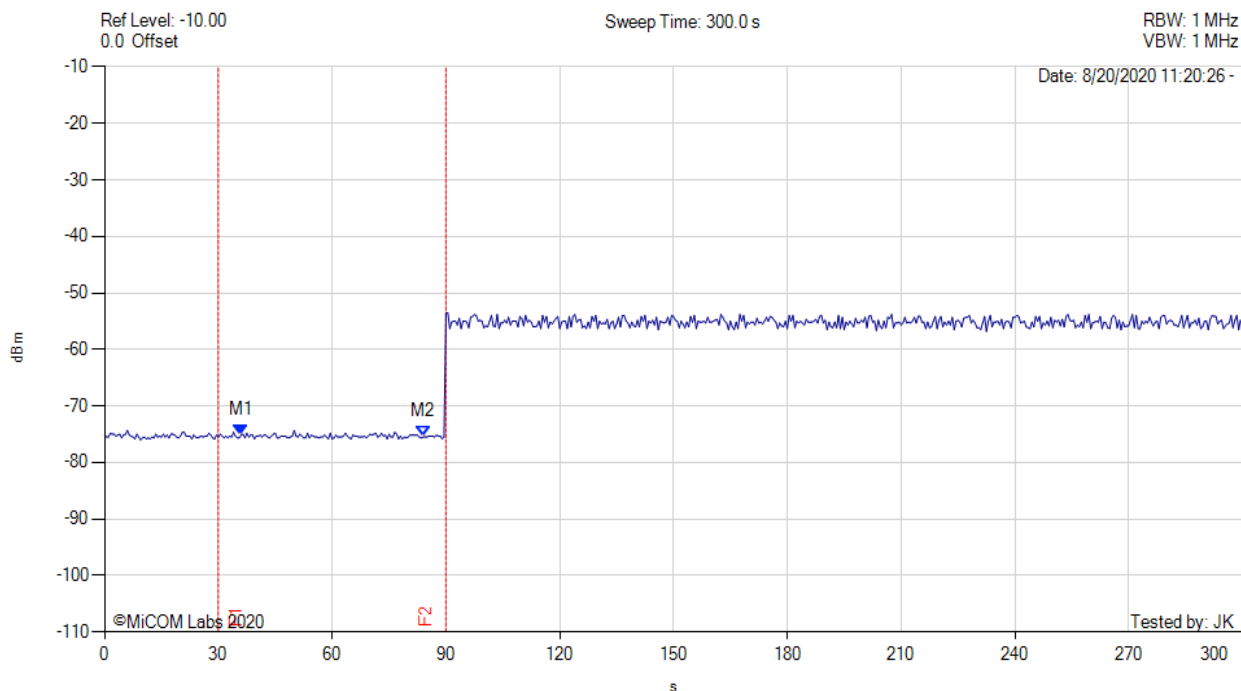
The first red vertical line shown on the following plot denotes the instant when the EUT completes its power-up sequence i.e. T0 (as defined within the FCC's KDB 905462 D02 Section 4.1). The power-up reference T0 is determined by the time it takes for the EUT to start "beaconing" i.e. initial beacon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

INITIAL CAC



Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: NSS1-MCS0, Duty Cycle: 0.10%, Antenna Gain: 7.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 36.000 s : -75.160 dBm M2 : 84.000 s : -75.500 dBm	Channel Frequency: 5530.00 MHz 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).

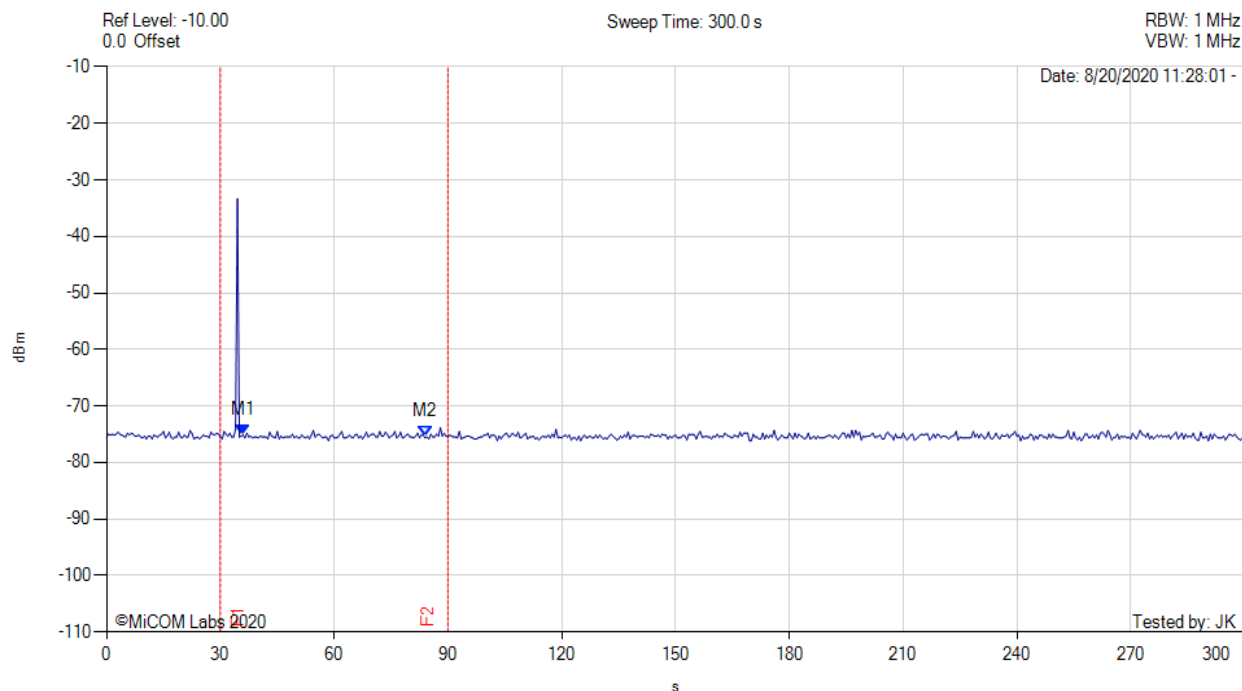
Visual indication on the EUT of successful detection of the radar Burst is recorded and reported. Observation of emissions at the appropriate center frequency will continue for 2.5 minutes after the radar burst has been generated.

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

BEGINNING CAC



Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: NSS1-MCS0, Duty Cycle: 0.10%, Antenna Gain: 7.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 36.000 s : -75.160 dBm M2 : 84.000 s : -75.500 dBm	Channel Frequency: 5530.00 MHz 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.

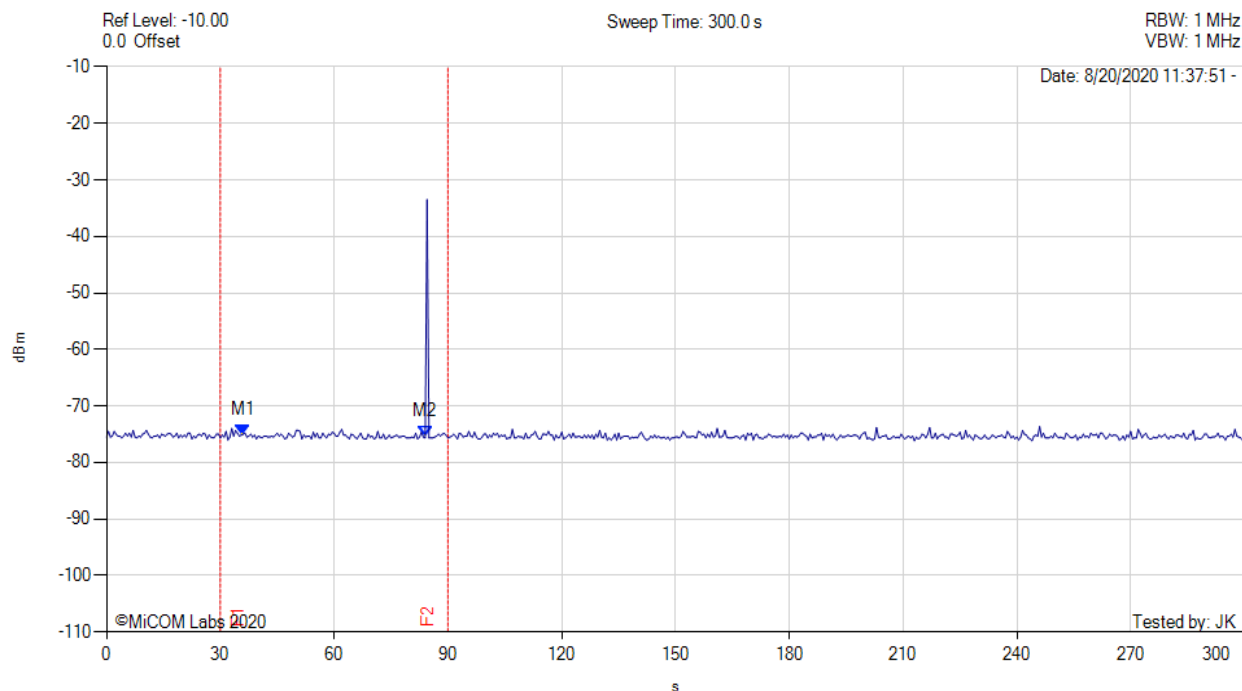
A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at $T_0 + 54$ seconds. The window will commence at marker 3 and end at the red time line T_2 ($T_0 + 60$ secs)

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.

END CAC



Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: NSS1-MCS0, Duty Cycle: 0.10%, Antenna Gain: 7.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 36.000 s : -75.160 dBm M2 : 84.000 s : -75.500 dBm	Channel Frequency: 5530.00 MHz 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.

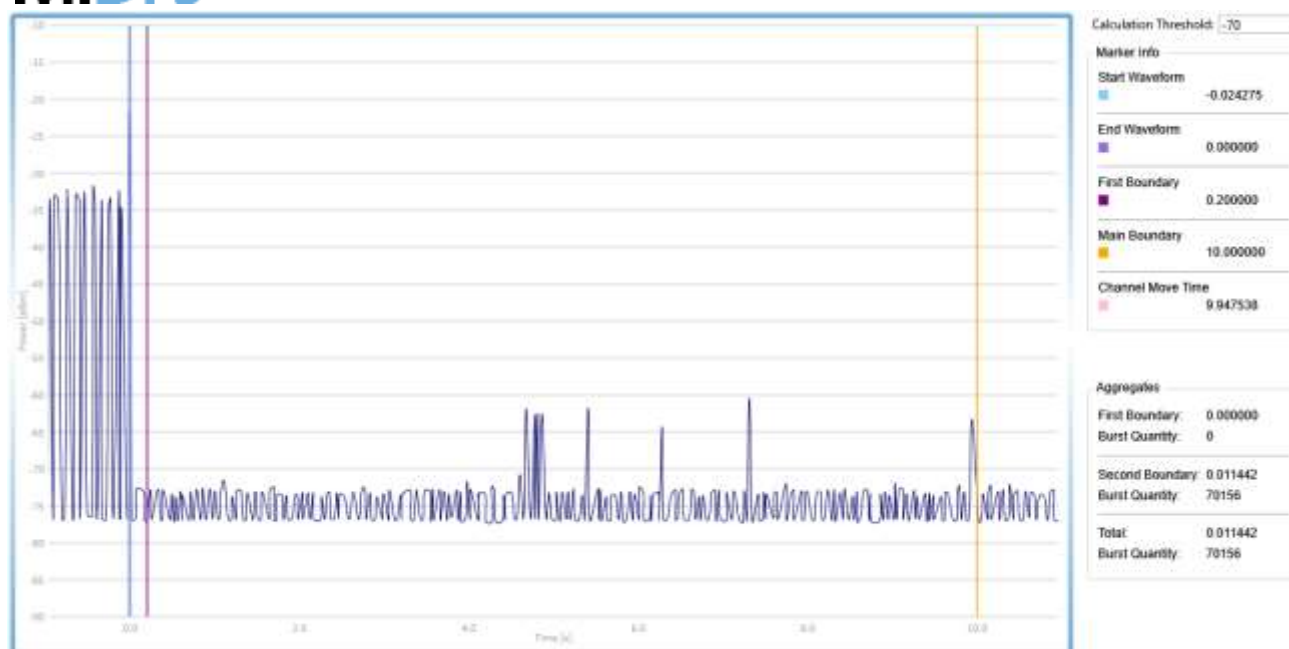
80 MHz Channel 5530 MHz; Observed Frequency 5500 MHz

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	0.011442	0.260	Complies
Channel Move Time	9.947538	10.0	Complies



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



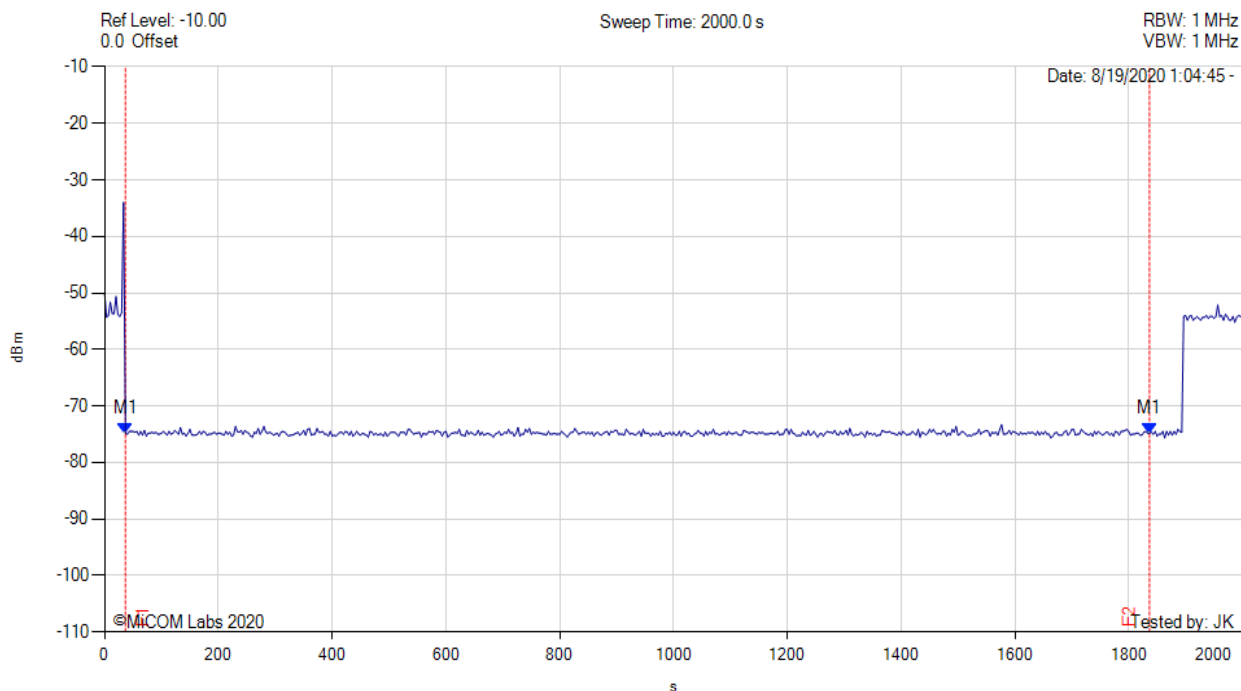
2.1.7. Non-Occupancy Period

The EUT is monitored for more than 30 minutes following the channel close/move time to verify no transmissions resume on this Channel. There should be no transmissions on the frequency of interest during the non-occupancy period.

NON-OCCUPANCY PERIOD



Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: NSS1-MCS0, Duty Cycle: 20.00%, Antenna Gain: 7.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 36.667 s : -74.830 dBm M1 : 1836.667 s : -74.830 dBm	Channel Frequency: 5530.00 MHz 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	View Data
Radar Type 2	30	26	86.67%	Complies	View Data
Radar Type 3	30	28	93.33%	Complies	View Data
Radar Type 4	30	25	83.33%	Complies	View Data
Aggregate (100.00% + 86.67% + 93.33% + 83.33%) / 4 = 90.83%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	26	86.67%	Complies	View Data

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	24	80.00%	Complies	View Data
Radar Type 2	30	26	86.67%	Complies	View Data
Radar Type 3	30	26	86.67%	Complies	View Data
Radar Type 4	30	21	70.00%	Complies	View Data
Aggregate (80.00% + 86.67% + 86.67% + 70.00%) / 4 = 80.83%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

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	View Data
Radar Type 2	30	27	90.00%	Complies	View Data
Radar Type 3	30	25	83.33%	Complies	View Data
Radar Type 4	30	23	76.67%	Complies	View Data
Aggregate (100.00% + 90.00% + 83.33% + 76.67%) / 4 =87.50%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	29	96.67%	Complies	View Data

Equipment Configuration for Radar Type 1

Variant:	802.11a	Duty Cycle (%):	18.30
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5499	1	698	76	1	1	100.00	Detected
5491	1	598	89	1	1	100.00	Detected
5494	1	618	86	1	1	100.00	Detected
5495	1	838	63	1	1	100.00	Detected
5502	1	858	62	1	1	100.00	Detected
5493	1	658	81	1	1	100.00	Detected
5497	1	898	59	1	1	100.00	Detected
5502	1	918	58	1	1	100.00	Detected
5491	1	938	57	1	1	100.00	Detected
5491	1	778	68	1	1	100.00	Detected
5495	1	578	92	1	1	100.00	Detected
5496	1	798	67	1	1	100.00	Detected
5497	1	638	83	1	1	100.00	Detected
5506	1	738	72	1	1	100.00	Detected
5494	1	538	99	1	1	100.00	Detected
5507	1	878	61	1	1	100.00	Detected
5508	1	2386	23	1	1	100.00	Detected
5505	1	1294	41	1	1	100.00	Detected
5501	1	1790	30	1	1	100.00	Detected
5506	1	1014	53	1	1	100.00	Detected
5504	1	1022	52	1	1	100.00	Detected
5501	1	2113	25	1	1	100.00	Detected
5508	1	2895	19	1	1	100.00	Detected
5498	1	1773	30	1	1	100.00	Detected
5497	1	1728	31	1	1	100.00	Detected
5496	1	932	57	1	1	100.00	Detected
5503	1	2863	19	1	1	100.00	Detected
5496	1	1123	47	1	1	100.00	Detected
5492	1	1362	39	1	1	100.00	Detected
5506	1	2921	19	1	1	100.00	Detected
Aggregate:				30	30	100.00	Pass

Equipment Configuration for Radar Type 2

Variant:	802.11a	Duty Cycle (%):	18.30
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5498	4	189	26	1	0	0.00	Not Detected
5506	2	178	27	1	1	100.00	Detected
5509	2	174	26	1	1	100.00	Detected
5492	5	226	23	1	1	100.00	Detected
5502	4	212	25	1	1	100.00	Detected
5506	2	157	27	1	1	100.00	Detected
5505	4	163	29	1	1	100.00	Detected
5499	3	166	24	1	0	0.00	Not Detected
5503	5	215	29	1	0	0.00	Not Detected
5504	1	215	27	1	1	100.00	Detected
5502	5	189	23	1	1	100.00	Detected
5494	4	156	28	1	0	0.00	Not Detected
5509	2	200	26	1	1	100.00	Detected
5501	3	158	23	1	1	100.00	Detected
5504	5	210	23	1	1	100.00	Detected
5494	2	160	26	1	1	100.00	Detected
5492	1	219	24	1	1	100.00	Detected
5491	1	178	26	1	1	100.00	Detected
5507	1	217	23	1	1	100.00	Detected
5506	1	191	23	1	1	100.00	Detected
5503	2	150	24	1	1	100.00	Detected
5508	4	204	24	1	1	100.00	Detected
5505	4	165	29	1	1	100.00	Detected
5496	4	183	24	1	1	100.00	Detected
5504	1	228	23	1	1	100.00	Detected
5507	5	211	29	1	1	100.00	Detected
5507	1	197	25	1	1	100.00	Detected
5502	1	169	27	1	1	100.00	Detected
5496	4	186	28	1	1	100.00	Detected
5498	5	194	25	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass

Equipment Configuration for Radar Type 3

Variant:	802.11a	Duty Cycle (%):	18.30
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5498	9	326	16	1	1	100.00	Detected
5507	8	281	16	1	1	100.00	Detected
5505	9	294	18	1	1	100.00	Detected
5492	8	255	18	1	1	100.00	Detected
5502	6	312	18	1	1	100.00	Detected
5494	7	404	18	1	1	100.00	Detected
5500	8	383	17	1	1	100.00	Detected
5495	9	452	18	1	1	100.00	Detected
5500	9	414	16	1	1	100.00	Detected
5499	8	223	17	1	1	100.00	Detected
5506	8	383	18	1	1	100.00	Detected
5505	8	386	18	1	1	100.00	Detected
5500	9	256	16	1	1	100.00	Detected
5500	9	244	16	1	1	100.00	Detected
5508	9	439	16	1	0	0.00	Not Detected
5506	9	464	16	1	1	100.00	Detected
5505	8	295	17	1	1	100.00	Detected
5504	10	287	16	1	1	100.00	Detected
5509	10	217	18	1	1	100.00	Detected
5504	9	472	16	1	1	100.00	Detected
5508	9	229	17	1	1	100.00	Detected
5499	8	282	18	1	1	100.00	Detected
5500	9	304	18	1	1	100.00	Detected
5503	9	374	16	1	1	100.00	Detected
5501	8	254	16	1	1	100.00	Detected
5493	6	260	17	1	0	0.00	Not Detected
5498	6	292	17	1	1	100.00	Detected
5503	8	318	16	1	1	100.00	Detected
5506	9	327	16	1	1	100.00	Detected
5501	7	415	16	1	1	100.00	Detected
Aggregate:				30	28	93.33	Pass

Equipment Configuration for Radar Type 4

Variant:	802.11a	Duty Cycle (%):	18.30
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5495	16	480	12	1	1	100.00	Detected
5501	16	340	13	1	0	0.00	Not Detected
5498	20	252	13	1	1	100.00	Detected
5501	17	474	15	1	1	100.00	Detected
5500	16	245	13	1	0	0.00	Not Detected
5495	18	234	12	1	1	100.00	Detected
5495	12	472	16	1	1	100.00	Detected
5497	15	367	13	1	1	100.00	Detected
5505	20	207	14	1	1	100.00	Detected
5496	12	205	16	1	1	100.00	Detected
5502	11	257	15	1	1	100.00	Detected
5495	12	401	12	1	1	100.00	Detected
5506	18	379	12	1	1	100.00	Detected
5494	14	203	14	1	1	100.00	Detected
5499	19	452	14	1	1	100.00	Detected
5503	16	475	16	1	1	100.00	Detected
5498	20	346	15	1	1	100.00	Detected
5502	14	332	13	1	0	0.00	Not Detected
5500	13	440	12	1	1	100.00	Detected
5500	14	454	12	1	1	100.00	Detected
5499	18	225	15	1	1	100.00	Detected
5507	15	225	14	1	0	0.00	Not Detected
5508	15	244	14	1	1	100.00	Detected
5496	16	260	12	1	1	100.00	Detected
5493	13	301	13	1	1	100.00	Detected
5503	11	370	14	1	1	100.00	Detected
5496	13	371	16	1	1	100.00	Detected
5501	19	205	12	1	1	100.00	Detected
5491	18	487	16	1	1	100.00	Detected
5499	14	213	16	1	0	0.00	Not Detected
Aggregate:				30	25	83.33	Pass

Equipment Configuration for Radar Type 5

Variant:	802.11a	Duty Cycle (%):	18.30
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5493	1	1	100.00	Detected
Type 5 #2 5500	1	1	100.00	Detected
Type 5 #3 5500	1	1	100.00	Detected
Type 5 #4 5496	1	1	100.00	Detected
Type 5 #5 5500	1	1	100.00	Detected
Type 5 #6 5501	1	1	100.00	Detected
Type 5 #7 5493	1	1	100.00	Detected
Type 5 #8 5499	1	1	100.00	Detected
Type 5 #9 5505	1	1	100.00	Detected
Type 5 #10 5506	1	1	100.00	Detected
Type 5 #11 5500	1	1	100.00	Detected
Type 5 #12 5500	1	1	100.00	Detected
Type 5 #13 5497	1	1	100.00	Detected
Type 5 #14 5500	1	1	100.00	Detected
Type 5 #15 5506	1	1	100.00	Detected
Type 5 #16 5507	1	1	100.00	Detected
Type 5 #17 5498	1	1	100.00	Detected
Type 5 #18 5496	1	1	100.00	Detected
Type 5 #19 5494	1	1	100.00	Detected
Type 5 #20 5500	1	1	100.00	Detected
Type 5 #21 5500	1	1	100.00	Detected
Type 5 #22 5500	1	1	100.00	Detected
Type 5 #23 5500	1	1	100.00	Detected
Type 5 #24 5503	1	1	100.00	Detected
Type 5 #25 5504	1	1	100.00	Detected
Type 5 #26 5497	1	1	100.00	Detected
Type 5 #27 5501	1	1	100.00	Detected
Type 5 #28 5499	1	1	100.00	Detected
Type 5 #29 5507	1	1	100.00	Detected
Type 5 #30 5503	1	1	100.00	Detected
Aggregate:	30	30	100.00	Pass



Title: MikroTiks SIA RBD23UGS-5HPacD2HnD-NM-US,
RBD22UGS-5HPacD2HnD-15S-US
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: MIKO101-U17 DFS Rev A

Equipment Configuration for Radar Type 6

Variant:	802.11a	Duty Cycle (%):	18.30
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Result
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	0	0	Not 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	0	0	Not 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	0	0	Not 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	0	0	Not 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
Aggregate:	30	26	86.67	Pass

Equipment Configuration for Radar Type 1

Variant:	802.11ac-80	Duty Cycle (%):	20.00
Data Rate:	NSS1-MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5562	1	898	59	1	1	100.00	Detected
5550	1	798	67	1	1	100.00	Detected
5508	1	3066	18	1	1	100.00	Detected
5537	1	658	81	1	0	0.00	Not Detected
5516	1	678	78	1	1	100.00	Detected
5509	1	758	70	1	1	100.00	Detected
5558	1	578	92	1	1	100.00	Detected
5532	1	818	65	1	1	100.00	Detected
5493	1	698	76	1	1	100.00	Detected
5556	1	638	83	1	1	100.00	Detected
5509	1	938	57	1	1	100.00	Detected
5534	1	558	95	1	0	0.00	Not Detected
5545	1	778	68	1	1	100.00	Detected
5554	1	878	61	1	0	0.00	Not Detected
5516	1	918	58	1	1	100.00	Detected
5519	1	858	62	1	1	100.00	Detected
5541	1	1025	52	1	0	0.00	Not Detected
5560	1	1923	28	1	1	100.00	Detected
5554	1	1334	40	1	1	100.00	Detected
5544	1	915	58	1	0	0.00	Not Detected
5562	1	1867	29	1	1	100.00	Detected
5565	1	2371	23	1	1	100.00	Detected
5524	1	3051	18	1	1	100.00	Detected
5493	1	912	58	1	1	100.00	Detected
5540	1	2861	19	1	0	0.00	Not Detected
5504	1	2759	20	1	1	100.00	Detected
5548	1	1046	51	1	1	100.00	Detected
5545	1	2856	19	1	1	100.00	Detected
5515	1	2037	26	1	1	100.00	Detected
5564	1	2279	24	1	1	100.00	Detected
Aggregate:				30	24	80.00	Pass

Equipment Configuration for Radar Type 2

Variant:	802.11ac-80	Duty Cycle (%):	20.00
Data Rate:	NSS1-MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5504	4	152	25	1	1	100.00	Detected
5494	2	223	27	1	1	100.00	Detected
5511	5	219	27	1	1	100.00	Detected
5548	4	182	27	1	1	100.00	Detected
5494	5	210	27	1	0	0.00	Not Detected
5531	4	164	25	1	1	100.00	Detected
5556	3	164	26	1	1	100.00	Detected
5531	5	170	24	1	1	100.00	Detected
5521	5	230	23	1	1	100.00	Detected
5530	4	206	23	1	1	100.00	Detected
5498	2	223	27	1	1	100.00	Detected
5497	3	162	23	1	1	100.00	Detected
5553	5	221	26	1	1	100.00	Detected
5557	2	164	26	1	1	100.00	Detected
5537	4	189	26	1	0	0.00	Not Detected
5501	3	162	24	1	1	100.00	Detected
5547	4	175	28	1	1	100.00	Detected
5544	2	165	25	1	1	100.00	Detected
5501	4	199	24	1	1	100.00	Detected
5549	3	177	25	1	0	0.00	Not Detected
5516	1	201	26	1	1	100.00	Detected
5499	4	179	24	1	1	100.00	Detected
5554	3	194	29	1	1	100.00	Detected
5503	1	229	27	1	1	100.00	Detected
5507	4	226	25	1	1	100.00	Detected
5504	3	179	26	1	1	100.00	Detected
5553	3	178	24	1	1	100.00	Detected
5540	1	211	23	1	0	0.00	Not Detected
5514	1	168	29	1	1	100.00	Detected
5556	4	164	29	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass

Equipment Configuration for Radar Type 3

Variant:	802.11ac-80	Duty Cycle (%):	20.00
Data Rate:	NSS1-MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5513	6	476	16	1	1	100.00	Detected
5547	7	271	18	1	0	0.00	Not Detected
5542	10	488	16	1	1	100.00	Detected
5536	10	260	18	1	0	0.00	Not Detected
5551	6	413	17	1	1	100.00	Detected
5524	6	355	18	1	1	100.00	Detected
5547	8	372	16	1	0	0.00	Not Detected
5562	10	433	17	1	1	100.00	Detected
5526	10	243	18	1	1	100.00	Detected
5530	6	446	17	1	1	100.00	Detected
5511	7	368	17	1	1	100.00	Detected
5496	9	346	17	1	1	100.00	Detected
5563	7	263	18	1	1	100.00	Detected
5563	8	359	16	1	1	100.00	Detected
5542	6	344	16	1	0	0.00	Not Detected
5550	7	220	18	1	1	100.00	Detected
5509	8	401	17	1	1	100.00	Detected
5550	7	323	17	1	1	100.00	Detected
5513	7	304	16	1	1	100.00	Detected
5536	10	420	16	1	1	100.00	Detected
5568	6	230	17	1	1	100.00	Detected
5551	6	388	18	1	1	100.00	Detected
5527	6	299	17	1	1	100.00	Detected
5544	8	415	16	1	1	100.00	Detected
5515	10	321	17	1	1	100.00	Detected
5567	10	387	18	1	1	100.00	Detected
5562	8	338	18	1	1	100.00	Detected
5510	8	369	18	1	1	100.00	Detected
5522	8	274	17	1	1	100.00	Detected
5500	8	469	16	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass



Title: MikroTiks SIA RBD23UGS-5HPacD2HnD-NM-US,
RBD22UGS-5HPacD2HnD-15S-US
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: MIKO101-U17 DFS Rev A

Equipment Configuration for Radar Type 4

Variant:	802.11ac-80	Duty Cycle (%):	20.00
Data Rate:	NSS1-MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5551	19	238	15	1	1	100.00	Detected
5560	11	482	15	1	1	100.00	Detected
5532	14	423	15	1	1	100.00	Detected
5529	11	229	12	1	1	100.00	Detected
5535	14	404	12	1	0	0.00	Not Detected
5536	20	389	16	1	0	0.00	Not Detected
5526	16	496	13	1	1	100.00	Detected
5517	12	480	16	1	1	100.00	Detected
5568	13	466	12	1	1	100.00	Detected
5551	19	448	16	1	1	100.00	Detected
5542	18	252	16	1	0	0.00	Not Detected
5549	19	284	13	1	1	100.00	Detected
5515	12	201	15	1	1	100.00	Detected
5553	18	385	16	1	1	100.00	Detected
5505	12	295	13	1	1	100.00	Detected
5495	17	309	13	1	0	0.00	Not Detected
5520	20	407	13	1	1	100.00	Detected
5506	20	297	15	1	1	100.00	Detected
5535	19	358	16	1	0	0.00	Not Detected
5550	18	271	14	1	1	100.00	Detected
5513	17	490	12	1	1	100.00	Detected
5503	13	208	13	1	1	100.00	Detected
5537	11	499	15	1	0	0.00	Not Detected
5534	16	447	16	1	0	0.00	Not Detected
5522	19	366	16	1	1	100.00	Detected
5506	11	240	13	1	0	0.00	Not Detected
5556	14	244	16	1	1	100.00	Detected
5506	19	225	14	1	1	100.00	Detected
5562	18	210	13	1	1	100.00	Detected
5545	12	268	12	1	0	0.00	Not Detected
Aggregate:				30	21	70.00	Pass

Equipment Configuration for Radar Type 5

Variant:	802.11ac-80	Duty Cycle (%):	20.00
Data Rate:	NSS1-MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5530	1	1	100.00	Detected
Type 5 #2 5496	1	1	100.00	Detected
Type 5 #3 5561	1	1	100.00	Detected
Type 5 #4 5496	1	1	100.00	Detected
Type 5 #5 5562	1	1	100.00	Detected
Type 5 #6 5496	1	1	100.00	Detected
Type 5 #7 5530	1	1	100.00	Detected
Type 5 #8 5561	1	1	100.00	Detected
Type 5 #9 5495	1	1	100.00	Detected
Type 5 #10 5498	1	1	100.00	Detected
Type 5 #11 5530	1	1	100.00	Detected
Type 5 #12 5495	1	1	100.00	Detected
Type 5 #13 5499	1	1	100.00	Detected
Type 5 #14 5498	1	1	100.00	Detected
Type 5 #15 5530	1	1	100.00	Detected
Type 5 #16 5498	1	1	100.00	Detected
Type 5 #17 5496	1	1	100.00	Detected
Type 5 #18 5566	1	1	100.00	Detected
Type 5 #19 5565	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 5560	1	1	100.00	Detected
Type 5 #23 5564	1	1	100.00	Detected
Type 5 #24 5530	1	1	100.00	Detected
Type 5 #25 5530	1	1	100.00	Detected
Type 5 #26 5564	1	1	100.00	Detected
Type 5 #27 5530	1	1	100.00	Detected
Type 5 #28 5564	1	1	100.00	Detected
Type 5 #29 5530	1	1	100.00	Detected
Type 5 #30 5530	1	1	100.00	Detected
Aggregate:	30	30	100.00	Pass

Equipment Configuration for Radar Type 6

Variant:	802.11ac-80	Duty Cycle (%):	20.00
Data Rate:	NSS1-MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Result
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
Aggregate:	30	30	100.00	Pass

Equipment Configuration for Radar Type 1

Variant:	802.11n HT-40	Duty Cycle (%):	19.70
Data Rate:	MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5522	1	618	86	1	1	100.00	Detected
5498	1	3066	18	1	1	100.00	Detected
5503	1	898	59	1	1	100.00	Detected
5502	1	818	65	1	1	100.00	Detected
5498	1	778	68	1	1	100.00	Detected
5517	1	638	83	1	1	100.00	Detected
5503	1	838	63	1	1	100.00	Detected
5492	1	538	99	1	1	100.00	Detected
5510	1	918	58	1	1	100.00	Detected
5515	1	598	89	1	1	100.00	Detected
5512	1	718	74	1	1	100.00	Detected
5517	1	678	78	1	1	100.00	Detected
5513	1	558	95	1	1	100.00	Detected
5495	1	878	61	1	1	100.00	Detected
5499	1	858	62	1	1	100.00	Detected
5519	1	658	81	1	1	100.00	Detected
5504	1	2027	27	1	1	100.00	Detected
5517	1	1373	39	1	1	100.00	Detected
5494	1	579	92	1	1	100.00	Detected
5512	1	2174	25	1	1	100.00	Detected
5509	1	1803	30	1	1	100.00	Detected
5499	1	750	71	1	1	100.00	Detected
5500	1	1547	35	1	1	100.00	Detected
5503	1	2169	25	1	1	100.00	Detected
5520	1	1349	40	1	1	100.00	Detected
5526	1	1220	44	1	1	100.00	Detected
5494	1	2033	26	1	1	100.00	Detected
5518	1	1421	38	1	1	100.00	Detected
5512	1	2692	20	1	1	100.00	Detected
5506	1	1157	46	1	1	100.00	Detected
Aggregate:				30	30	100.00	Pass



Title: MikroTiks SIA RBD23UGS-5HPacD2HnD-NM-US,
RBD22UGS-5HPacD2HnD-15S-US
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: MIKO101-U17 DFS Rev A

Equipment Configuration for Radar Type 2

Variant:	802.11n HT-40	Duty Cycle (%):	19.70
Data Rate:	MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5519	3	189	25	1	1	100.00	Detected
5524	3	225	28	1	1	100.00	Detected
5492	4	227	26	1	1	100.00	Detected
5505	5	206	23	1	1	100.00	Detected
5501	3	155	24	1	0	0.00	Not Detected
5519	3	154	29	1	1	100.00	Detected
5522	3	158	28	1	1	100.00	Detected
5524	2	214	24	1	1	100.00	Detected
5515	2	222	23	1	1	100.00	Detected
5492	4	168	28	1	1	100.00	Detected
5509	3	201	23	1	1	100.00	Detected
5505	3	224	23	1	0	0.00	Not Detected
5525	4	157	29	1	1	100.00	Detected
5520	1	190	25	1	1	100.00	Detected
5506	4	197	25	1	1	100.00	Detected
5506	1	218	27	1	1	100.00	Detected
5525	4	217	23	1	1	100.00	Detected
5495	4	151	26	1	1	100.00	Detected
5505	2	208	24	1	1	100.00	Detected
5522	5	190	25	1	1	100.00	Detected
5512	1	217	24	1	1	100.00	Detected
5500	5	184	26	1	1	100.00	Detected
5521	4	201	25	1	1	100.00	Detected
5499	5	177	24	1	1	100.00	Detected
5519	5	165	27	1	1	100.00	Detected
5515	5	151	24	1	1	100.00	Detected
5516	4	197	26	1	1	100.00	Detected
5509	2	189	25	1	0	0.00	Not Detected
5496	2	218	25	1	1	100.00	Detected
5505	4	185	23	1	1	100.00	Detected
Aggregate:				30	27	90.00	Pass

Equipment Configuration for Radar Type 3

Variant:	802.11n HT-40	Duty Cycle (%):	19.70
Data Rate:	MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5503	7	277	17	1	1	100.00	Detected
5493	9	285	17	1	1	100.00	Detected
5528	8	325	18	1	1	100.00	Detected
5521	10	419	18	1	0	0.00	Not Detected
5528	9	366	17	1	1	100.00	Detected
5501	10	495	17	1	1	100.00	Detected
5496	7	287	18	1	1	100.00	Detected
5528	10	472	16	1	1	100.00	Detected
5511	6	297	16	1	1	100.00	Detected
5514	8	257	16	1	1	100.00	Detected
5504	6	336	16	1	0	0.00	Not Detected
5526	9	388	16	1	1	100.00	Detected
5510	6	325	18	1	0	0.00	Not Detected
5495	10	444	16	1	1	100.00	Detected
5506	9	309	18	1	1	100.00	Detected
5504	7	365	16	1	1	100.00	Detected
5512	7	302	17	1	1	100.00	Detected
5512	8	219	17	1	1	100.00	Detected
5507	8	293	16	1	1	100.00	Detected
5511	10	361	17	1	1	100.00	Detected
5514	6	344	18	1	1	100.00	Detected
5511	6	202	18	1	1	100.00	Detected
5503	10	459	18	1	1	100.00	Detected
5498	7	411	16	1	1	100.00	Detected
5510	7	344	17	1	0	0.00	Not Detected
5502	10	410	16	1	1	100.00	Detected
5495	10	303	17	1	1	100.00	Detected
5510	9	442	17	1	0	0.00	Not Detected
5501	10	266	16	1	1	100.00	Detected
5522	9	362	17	1	1	100.00	Detected
Aggregate:				30	25	83.33	Pass

Equipment Configuration for Radar Type 4

Variant:	802.11n HT-40	Duty Cycle (%):	19.70
Data Rate:	MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5503	17	302	14	1	1	100.00	Detected
5514	13	281	12	1	1	100.00	Detected
5522	13	406	12	1	1	100.00	Detected
5509	20	265	15	1	1	100.00	Detected
5504	15	415	14	1	0	0.00	Not Detected
5521	15	266	15	1	1	100.00	Detected
5498	15	366	13	1	1	100.00	Detected
5497	15	254	15	1	1	100.00	Detected
5523	11	288	15	1	0	0.00	Not Detected
5515	12	323	16	1	1	100.00	Detected
5517	14	427	12	1	1	100.00	Detected
5526	17	488	13	1	1	100.00	Detected
5516	16	480	13	1	1	100.00	Detected
5492	20	378	16	1	1	100.00	Detected
5507	17	309	12	1	1	100.00	Detected
5517	20	467	13	1	1	100.00	Detected
5496	20	281	13	1	0	0.00	Not Detected
5515	16	499	12	1	1	100.00	Detected
5493	19	453	14	1	1	100.00	Detected
5517	11	428	14	1	1	100.00	Detected
5509	13	397	14	1	1	100.00	Detected
5510	19	428	16	1	0	0.00	Not Detected
5510	15	273	16	1	0	0.00	Not Detected
5521	13	248	15	1	1	100.00	Detected
5507	14	224	12	1	0	0.00	Not Detected
5507	16	408	12	1	1	100.00	Detected
5514	18	298	12	1	1	100.00	Detected
5497	11	258	13	1	0	0.00	Not Detected
5524	19	413	14	1	1	100.00	Detected
5503	14	470	13	1	1	100.00	Detected
Aggregate:				30	23	76.67	Pass

Equipment Configuration for Radar Type 5

Variant:	802.11n HT-40	Duty Cycle (%):	19.70
Data Rate:	MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5495	1	1	100.00	Detected
Type 5 #2 5526	1	1	100.00	Detected
Type 5 #3 5522	1	1	100.00	Detected
Type 5 #4 5510	1	1	100.00	Detected
Type 5 #5 5498	1	1	100.00	Detected
Type 5 #6 5524	1	1	100.00	Detected
Type 5 #7 5510	1	1	100.00	Detected
Type 5 #8 5525	1	1	100.00	Detected
Type 5 #9 5523	1	1	100.00	Detected
Type 5 #10 5510	1	1	100.00	Detected
Type 5 #11 5522	1	1	100.00	Detected
Type 5 #12 5510	1	1	100.00	Detected
Type 5 #13 5510	1	1	100.00	Detected
Type 5 #14 5520	1	1	100.00	Detected
Type 5 #15 5510	1	1	100.00	Detected
Type 5 #16 5510	1	1	100.00	Detected
Type 5 #17 5522	1	1	100.00	Detected
Type 5 #18 5495	1	1	100.00	Detected
Type 5 #19 5523	1	1	100.00	Detected
Type 5 #20 5522	1	1	100.00	Detected
Type 5 #21 5510	1	1	100.00	Detected
Type 5 #22 5510	1	1	100.00	Detected
Type 5 #23 5499	1	1	100.00	Detected
Type 5 #24 5497	1	1	100.00	Detected
Type 5 #25 5494	1	1	100.00	Detected
Type 5 #26 5498	1	1	100.00	Detected
Type 5 #27 5510	1	1	100.00	Detected
Type 5 #28 5498	1	1	100.00	Detected
Type 5 #29 5495	1	1	100.00	Detected
Type 5 #30 5496	1	1	100.00	Detected
Aggregate:	30	30	100.00	Pass

Equipment Configuration for Radar Type 6

Variant:	802.11n HT-40	Duty Cycle (%):	19.70
Data Rate:	MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Result
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	0	0	Not 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
Aggregate:	30	29	96.67	Pass

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

Variant:	802.11a	Duty Cycle (%):	0.10
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

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
F_L = 5490 MHz	F_H = 5510 MHz	F_H - F_L = 20 MHz	PASS

Equipment Configuration for Detection Bandwidth

Variant:	802.11ac-80	Duty Cycle (%):	0.10
Data Rate:	NSS1-MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

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	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
5485 MHz	2	0	Not Detected
F_L = 5490 MHz	F_H = 5570 MHz	F_H - F_L = 80 MHz	PASS

Equipment Configuration for Detection Bandwidth

Variant:	802.11n HT-40	Duty Cycle (%):	0.10
Data Rate:	MCS0	Antenna Gain (dBi):	7.00
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

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
F_L = 5490 MHz	F_H = 5530 MHz	F_H - F_L = 40 MHz	PASS

A. APPENDIX – RADAR SIGNATURES

Type 5 #1 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	217456	100	2000	1879	978365	1200000
2	3	5	153759	92	1599	1469	1042897	1200000
3	1	5	145645	61	0	0	1054294	1200000
4	1	5	767145	57	0	0	432798	1200000
5	2	5	123662	88	1175	0	1074987	1200000
6	1	5	625162	76	0	0	574762	1200000
7	2	5	356490	61	1039	0	842349	1200000
8	1	5	858925	96	0	0	340979	1200000
9	2	5	178640	90	1368	0	1019812	1200000
10	3	5	142990	82	1527	1498	1053739	1200000

Type 5 #2 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	14	568815	91	1976	1776	284302	857142
2	3	14	66700	66	1195	1251	787798	857142
3	3	14	655652	55	1926	1124	198275	857142
4	1	14	520344	63	0	0	336735	857142
5	2	14	715167	69	1576	0	140261	857142
6	3	14	454415	71	1858	1991	398665	857142
7	3	14	468858	56	1097	1020	385999	857142
8	1	14	818783	81	0	0	38278	857142
9	2	14	489893	82	1449	0	365636	857142
10	1	14	395851	99	0	0	461192	857142
11	2	14	378081	62	1669	0	477268	857142
12	2	14	733344	60	1159	0	122519	857142
13	3	14	143088	67	1261	1600	710992	857142
14	3	14	25436	92	1104	1379	828947	857142

Type 5 #3 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	7	315279	63	0	0	390540	705882
2	2	7	35950	76	1943	0	667837	705882
3	3	7	208337	83	1425	1740	494131	705882
4	3	7	635579	67	1617	1287	67198	705882
5	2	7	599274	79	1365	0	105085	705882
6	1	7	705844	72	0	0	-34	705882
7	3	7	399809	81	1849	1072	302909	705882
8	1	7	517750	73	0	0	188059	705882
9	2	7	121503	63	1116	0	583137	705882
10	3	7	236568	82	1832	1734	465502	705882
11	1	7	158209	77	0	0	547596	705882
12	2	7	551156	84	1345	0	153213	705882
13	1	7	37631	75	0	0	668176	705882
14	3	7	512301	52	1576	1667	190182	705882
15	2	7	264594	94	1909	0	439191	705882
16	2	7	135409	66	1335	0	569006	705882
17	1	7	484809	70	0	0	221003	705882

Type 5 #4 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	12	97647	90	1882	1928	529851	631578
2	2	12	65059	53	1253	0	565160	631578
3	3	12	80233	77	1005	1294	548815	631578
4	3	12	96070	67	1584	1285	532438	631578
5	2	12	5229	79	1877	0	624314	631578
6	2	12	515829	65	1969	0	113650	631578
7	3	12	70064	92	1811	1999	557428	631578
8	1	12	51728	53	0	0	579797	631578
9	1	12	547129	54	0	0	84395	631578
10	3	12	499126	69	1205	1575	129465	631578
11	1	12	409788	60	0	0	221730	631578
12	2	12	354416	68	1568	0	275458	631578
13	3	12	472028	98	1161	1660	156435	631578
14	1	12	92817	74	0	0	538687	631578
15	3	12	56443	56	1514	1020	572433	631578
16	1	12	59344	67	0	0	572167	631578
17	2	12	410923	59	1720	0	218817	631578
18	2	12	315553	80	1288	0	314577	631578
19	2	12	374171	77	1860	0	255393	631578

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	3	13	1001340	88	1428	1217	329084	1333333
2	1	13	273638	64	0	0	1059631	1333333
3	1	13	1260391	78	0	0	72864	1333333
4	2	13	804125	62	1283	0	527801	1333333
5	1	13	1278495	94	0	0	54744	1333333
6	2	13	570334	66	1261	0	761606	1333333
7	1	13	341655	59	0	0	991619	1333333
8	3	13	878806	78	1709	1438	451146	1333333
9	3	13	392526	90	1408	1999	937130	1333333

Type 5 #6 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	19	868564	71	1477	0	463150	1333333
2	2	19	548371	90	1907	0	782875	1333333
3	3	19	1016754	88	1152	1370	313793	1333333
4	2	19	1262185	85	1235	0	69743	1333333
5	2	19	1175909	51	1803	0	155519	1333333
6	3	19	587199	83	1916	1341	742628	1333333
7	1	19	593672	62	0	0	739599	1333333
8	3	19	512229	97	1911	1122	817780	1333333
9	3	19	314036	78	1053	1653	1016357	1333333

Type 5 #7 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	767565	100	1389	1674	229072	1000000
2	3	5	304946	56	1992	1547	691347	1000000
3	2	5	984484	95	1800	0	13526	1000000
4	3	5	850962	90	1113	1398	146257	1000000
5	2	5	479243	88	1096	0	519485	1000000
6	3	5	259887	53	1012	1780	737162	1000000
7	1	5	104688	79	0	0	895233	1000000
8	3	5	223631	57	1250	1522	773426	1000000
9	3	5	58694	88	1218	1947	937877	1000000
10	3	5	375502	81	1093	1216	621946	1000000
11	1	5	111468	97	0	0	888435	1000000
12	3	5	961923	70	1418	1918	34531	1000000

Type 5 #8 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	19	416909	83	1864	1876	245768	666666
2	2	19	28716	50	1879	0	635971	666666
3	2	19	597620	60	1401	0	67525	666666
4	2	19	119460	97	1433	0	545579	666666
5	2	19	316782	70	1857	0	347887	666666
6	3	19	141257	93	1555	1043	522532	666666
7	1	19	293979	99	0	0	372588	666666
8	2	19	189959	90	1207	0	475320	666666
9	3	19	467144	61	1646	1350	196343	666666
10	1	19	384859	64	0	0	281743	666666
11	2	19	243509	90	1710	0	421267	666666
12	1	19	463110	50	0	0	203506	666666
13	3	19	552330	89	1446	1836	110787	666666
14	2	19	362141	62	1778	0	302623	666666
15	3	19	257777	87	1919	1846	404863	666666
16	3	19	386920	75	1337	1774	276410	666666
17	1	19	281776	73	0	0	384817	666666
18	2	19	230636	64	1259	0	434643	666666

Type 5 #9 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	26953	76	1337	1464	827160	857142
2	3	11	381285	88	1918	1872	471803	857142
3	3	11	329048	74	1499	1434	524939	857142
4	1	11	14434	59	0	0	842649	857142
5	2	11	45204	96	1961	0	809785	857142
6	1	11	294800	90	0	0	562252	857142
7	2	11	846773	89	1991	0	8200	857142
8	3	11	601601	65	1198	1550	252598	857142
9	3	11	605423	78	1646	1832	248007	857142
10	3	11	248492	79	1595	1190	605628	857142
11	1	11	356553	95	0	0	500494	857142
12	2	11	828280	92	1979	0	26699	857142
13	3	11	548335	76	1522	1670	305387	857142
14	2	11	555330	72	1610	0	300058	857142

Type 5 #10 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	235981	67	0	0	854861	1090909
2	2	7	1049267	57	1036	0	40492	1090909
3	3	7	622352	94	1585	1805	464885	1090909
4	3	7	175561	87	1092	1020	912975	1090909
5	1	7	160201	53	0	0	930655	1090909
6	3	7	737500	50	1657	1606	349996	1090909
7	1	7	656524	57	0	0	434328	1090909
8	2	7	409722	60	1751	0	679316	1090909
9	2	7	690293	59	1024	0	399474	1090909
10	3	7	1012210	91	1826	1076	75524	1090909
11	1	7	1057275	92	0	0	33542	1090909

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	2	7	470869	94	1597	0	277346	750000
2	2	7	557291	71	1760	0	190807	750000
3	3	7	202668	50	1645	1637	543900	750000
4	2	7	134587	85	1297	0	613946	750000
5	2	7	308549	94	1435	0	439828	750000
6	3	7	509788	70	1660	1357	236985	750000
7	2	7	320560	61	1107	0	428211	750000
8	2	7	49257	50	1405	0	699238	750000
9	1	7	88627	100	0	0	661273	750000
10	1	7	504195	76	0	0	245729	750000
11	3	7	597572	65	1773	1457	149003	750000
12	1	7	162976	58	0	0	586966	750000
13	2	7	414809	51	1099	0	333990	750000
14	1	7	398135	79	0	0	351786	750000
15	3	7	602377	93	1941	1700	143703	750000
16	1	7	369203	72	0	0	380725	750000

Type 5 #12 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	12	176899	96	1987	1259	419567	600000
2	1	12	570798	86	0	0	29116	600000
3	2	12	384086	99	1559	0	214157	600000
4	2	12	495604	89	1985	0	102233	600000
5	3	12	213502	81	1881	1652	382722	600000
6	1	12	600676	84	0	0	-760	600000
7	3	12	236382	81	1110	1128	361137	600000
8	2	12	346995	58	1221	0	251668	600000
9	1	12	273839	96	0	0	326065	600000
10	1	12	511507	94	0	0	88399	600000
11	3	12	290436	72	1488	1093	306767	600000
12	1	12	243334	51	0	0	356615	600000
13	3	12	577746	58	1594	1419	19067	600000
14	3	12	576920	93	1430	1767	19604	600000
15	2	12	440786	88	1946	0	157092	600000
16	3	12	416916	97	1196	1707	179890	600000
17	3	12	567414	70	1558	1495	29323	600000
18	2	12	451690	70	1366	0	146804	600000
19	1	12	487979	60	0	0	111961	600000
20	1	12	176000	99	0	0	423901	600000

Type 5 #13 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	16	378915	96	0	0	287655	666666
2	1	16	318988	57	0	0	347621	666666
3	2	16	313396	89	1008	0	352084	666666
4	1	16	240381	96	0	0	426189	666666
5	3	16	175831	86	1866	1495	487216	666666
6	3	16	15262	79	1961	1482	647724	666666
7	1	16	491418	61	0	0	175187	666666
8	3	16	184064	68	1035	1894	479469	666666
9	1	16	498603	52	0	0	168011	666666
10	1	16	339363	90	0	0	327213	666666
11	2	16	483074	69	1665	0	181789	666666
12	1	16	276950	98	0	0	389618	666666
13	2	16	436690	92	1991	0	227801	666666
14	1	16	372337	73	0	0	294256	666666
15	2	16	581124	75	1700	0	83692	666666
16	3	16	468171	76	1603	1607	195057	666666
17	3	16	660684	52	1123	1683	3020	666666
18	1	16	328016	68	0	0	338582	666666

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	3	6	282929	57	1454	1772	636750	923076
2	2	6	582928	64	1399	0	338621	923076
3	2	6	545895	89	1790	0	375213	923076
4	1	6	550295	76	0	0	372705	923076
5	3	6	88753	65	1677	1663	830788	923076
6	3	6	833637	53	1217	1716	86347	923076
7	2	6	140980	92	1671	0	780241	923076
8	1	6	369619	68	0	0	553389	923076
9	3	6	539881	64	1645	1362	379996	923076
10	3	6	483793	68	1705	1632	435742	923076
11	3	6	475798	68	1541	1470	444063	923076
12	1	6	65151	79	0	0	857846	923076
13	3	6	110361	83	1727	1028	809711	923076

Type 5 #15 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	3	8	359935	51	1032	1301	343461	705882
2	3	8	267204	85	1513	1083	435827	705882
3	3	8	367950	73	1129	1986	334598	705882
4	1	8	541225	54	0	0	164603	705882
5	2	8	449975	100	1636	0	254071	705882
6	3	8	548780	85	1265	1525	154057	705882
7	2	8	346002	75	1518	0	358212	705882
8	3	8	421341	87	1793	1889	280598	705882
9	2	8	699293	67	1335	0	5120	705882
10	3	8	269916	53	1585	1031	433191	705882
11	1	8	470177	71	0	0	235634	705882
12	1	8	705048	94	0	0	740	705882
13	1	8	424754	78	0	0	281050	705882
14	1	8	387093	98	0	0	318691	705882
15	3	8	146169	88	1396	1302	556751	705882
16	1	8	106681	74	0	0	599127	705882
17	1	8	132756	91	0	0	573035	705882

Type 5 #16 5507 [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	6	744373	92	1521	0	176998	923076
2	3	6	218390	65	1040	1227	702224	923076
3	2	6	773216	69	1134	0	148588	923076
4	2	6	387685	67	1459	0	533798	923076
5	2	6	155954	69	1103	0	765881	923076
6	3	6	815787	53	1619	1456	104055	923076
7	2	6	208653	76	1147	0	713124	923076
8	2	6	889190	75	1030	0	32706	923076
9	1	6	562517	77	0	0	360482	923076
10	2	6	176078	95	1982	0	744826	923076
11	3	6	413547	88	1506	1676	506083	923076
12	2	6	230709	56	1638	0	690617	923076
13	2	6	907615	89	1272	0	14011	923076

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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	1111307	100	1457	0	220369	1333333
2	1	18	119023	56	0	0	1214254	1333333
3	1	18	932036	76	0	0	401221	1333333
4	1	18	403901	52	0	0	929380	1333333
5	2	18	150876	91	1408	0	1180867	1333333
6	2	18	750171	77	1486	0	581522	1333333
7	2	18	654190	79	1900	0	677085	1333333
8	1	18	680730	96	0	0	652507	1333333
9	1	18	303392	77	0	0	1029864	1333333

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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	431232	61	1936	0	198288	631578
2	2	13	199548	90	1689	0	430161	631578
3	2	13	395721	96	1811	0	233854	631578
4	2	13	16321	57	1189	0	613954	631578
5	1	13	340546	89	0	0	290943	631578
6	2	13	249985	88	1983	0	379434	631578
7	3	13	439653	64	1476	1637	188620	631578
8	2	13	163411	85	1553	0	466444	631578
9	3	13	190279	70	1926	1008	438155	631578
10	3	13	402649	52	1600	1518	225655	631578
11	3	13	250452	94	1335	1797	377712	631578
12	2	13	184832	97	1580	0	444972	631578
13	1	13	176605	51	0	0	454922	631578
14	3	13	612836	94	1283	1805	15372	631578
15	3	13	236859	67	1767	1852	390899	631578
16	1	13	621723	50	0	0	9805	631578
17	3	13	406765	60	1646	1561	221426	631578
18	3	13	427582	97	1291	1154	201260	631578
19	2	13	182525	55	1882	0	447061	631578

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	2	7	666907	96	1541	0	37242	705882
2	2	7	459576	51	1078	0	245126	705882
3	1	7	272533	71	0	0	433278	705882
4	1	7	681588	76	0	0	24218	705882
5	2	7	225291	76	1449	0	478990	705882
6	3	7	208924	83	1971	1823	492915	705882
7	1	7	116719	87	0	0	589076	705882
8	1	7	153802	99	0	0	551981	705882
9	1	7	190845	98	0	0	514939	705882
10	1	7	161178	69	0	0	544635	705882
11	3	7	508970	51	1592	1978	193189	705882
12	1	7	494374	99	0	0	211409	705882
13	3	7	555193	80	1671	1914	146864	705882
14	3	7	175637	89	1804	1908	526266	705882
15	3	7	5587	70	1668	1303	697114	705882
16	1	7	221363	62	0	0	484457	705882
17	1	7	659484	82	0	0	46316	705882

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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	139723	68	1000	1045	715170	857142
2	3	16	103285	77	1335	1294	750997	857142
3	2	16	265471	72	1248	0	590279	857142
4	1	16	804924	81	0	0	52137	857142
5	3	16	818161	66	1667	1307	35809	857142
6	1	16	847750	78	0	0	9314	857142
7	2	16	373318	69	1877	0	481809	857142
8	2	16	22867	81	1757	0	832356	857142
9	2	16	146027	96	1079	0	709844	857142
10	3	16	508763	75	1683	1043	345428	857142
11	3	16	285542	65	1760	1008	568637	857142
12	3	16	437175	76	1206	1939	416594	857142
13	1	16	666525	57	0	0	190560	857142
14	1	16	590456	91	0	0	266595	857142

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	8	771575	56	1039	1447	725771	1500000
2	1	8	124366	70	0	0	1375564	1500000
3	1	8	106688	64	0	0	1393248	1500000
4	3	8	594695	62	1738	1088	902293	1500000
5	3	8	1304587	80	1437	1213	192523	1500000
6	1	8	145928	55	0	0	1354017	1500000
7	1	8	1173155	66	0	0	326779	1500000
8	2	8	867602	80	1479	0	630759	1500000

Type 5 #22 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	698536	70	1711	1804	47739	750000
2	1	15	356811	96	0	0	393093	750000
3	1	15	75578	85	0	0	674337	750000
4	2	15	413278	62	1913	0	334685	750000
5	3	15	211713	90	1318	1627	535072	750000
6	3	15	642384	99	1510	1060	104749	750000
7	1	15	346252	90	0	0	403658	750000
8	2	15	122100	78	1309	0	626435	750000
9	1	15	230145	70	0	0	519785	750000
10	1	15	494795	95	0	0	255110	750000
11	1	15	505377	60	0	0	244563	750000
12	3	15	37936	84	1860	1568	708384	750000
13	2	15	645031	72	1956	0	102869	750000
14	3	15	478467	81	1241	1913	268136	750000
15	1	15	223247	85	0	0	526668	750000
16	2	15	240196	98	1403	0	508205	750000

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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	640619	59	1139	0	281200	923076
2	3	18	190665	85	1500	1789	728867	923076
3	2	18	774533	77	1565	0	146824	923076
4	3	18	894842	69	1018	1065	25944	923076
5	2	18	513947	78	1734	0	407239	923076
6	2	18	586377	74	1139	0	335412	923076
7	1	18	399383	50	0	0	523643	923076
8	1	18	690827	91	0	0	232158	923076
9	2	18	167897	60	1815	0	753244	923076
10	2	18	683973	94	1446	0	237469	923076
11	2	18	323174	86	1302	0	598428	923076
12	2	18	218704	91	1577	0	702613	923076
13	2	18	143947	61	1029	0	777978	923076

Type 5 #24 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	1	16	798180	90	0	0	292639	1090909
2	1	16	415070	57	0	0	675782	1090909
3	1	16	901892	80	0	0	188937	1090909
4	3	16	715131	88	1618	1333	372563	1090909
5	1	16	481012	81	0	0	609816	1090909
6	2	16	180848	70	1104	0	908817	1090909
7	2	16	311081	81	1265	0	778401	1090909
8	2	16	33281	50	1214	0	1056314	1090909
9	2	16	215096	52	1211	0	874498	1090909
10	1	16	442250	82	0	0	648577	1090909
11	1	16	260517	96	0	0	830296	1090909

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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	12	542321	81	1127	1990	160201	705882
2	3	12	374800	62	1826	1452	327618	705882
3	3	12	273881	65	1189	1607	429010	705882
4	1	12	132440	64	0	0	573378	705882
5	3	12	578552	94	1263	1105	124680	705882
6	2	12	335530	58	1740	0	368496	705882
7	2	12	156863	58	1998	0	546905	705882
8	1	12	278957	71	0	0	426854	705882
9	2	12	594253	98	1574	0	109859	705882
10	3	12	623092	62	1265	1297	80042	705882
11	2	12	178992	89	1673	0	525039	705882
12	3	12	467986	92	1398	1124	235098	705882
13	3	12	135284	97	1056	1237	568014	705882
14	3	12	210756	80	1087	1901	491898	705882
15	3	12	306774	88	1300	1892	395652	705882
16	2	12	639789	60	1865	0	64108	705882
17	1	12	49397	85	0	0	656400	705882

Type 5 #26 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	1070215	62	1640	1314	259978	1333333
2	1	14	211926	79	0	0	1121328	1333333
3	3	14	1268888	69	1469	1884	60885	1333333
4	3	14	1063978	78	1963	1558	265600	1333333
5	1	14	728056	51	0	0	605226	1333333
6	2	14	818191	56	1017	0	514013	1333333
7	3	14	879759	99	1693	1054	450530	1333333
8	2	14	825882	83	1632	0	505653	1333333
9	1	14	840615	67	0	0	492651	1333333

Type 5 #27 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	702401	77	0	0	47522	750000
2	1	19	44962	81	0	0	704957	750000
3	1	19	440146	97	0	0	309757	750000
4	2	19	622684	55	1410	0	125796	750000
5	3	19	40462	64	1256	1908	706182	750000
6	3	19	241656	82	1885	1104	505109	750000
7	1	19	335818	61	0	0	414121	750000
8	3	19	361910	91	1447	1674	384696	750000
9	1	19	347709	65	0	0	402226	750000
10	2	19	607335	52	1585	0	140976	750000
11	1	19	159268	72	0	0	590660	750000
12	2	19	358366	70	1001	0	390493	750000
13	1	19	381478	65	0	0	368457	750000
14	3	19	103768	87	1150	1707	643114	750000
15	3	19	143941	65	1963	1102	602799	750000
16	1	19	651489	98	0	0	98413	750000

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	1	19	51237	51	0	0	1148712	1200000
2	3	19	416642	53	1970	1624	779605	1200000
3	2	19	1027490	72	1861	0	170505	1200000
4	3	19	412156	72	1949	1501	784178	1200000
5	1	19	541133	50	0	0	658817	1200000
6	3	19	48478	94	1987	1139	1148114	1200000
7	1	19	1099311	84	0	0	100605	1200000
8	3	19	1190278	69	1096	1138	7281	1200000
9	2	19	620988	95	1845	0	576977	1200000
10	2	19	715478	78	1634	0	482732	1200000

Type 5 #29 5507 [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	581277	80	1010	1197	616276	1200000
2	2	5	175	65	1327	0	1198368	1200000
3	2	5	972616	58	1422	0	225846	1200000
4	1	5	208141	63	0	0	991796	1200000
5	1	5	291542	74	0	0	908384	1200000
6	1	5	801471	67	0	0	398462	1200000
7	3	5	817079	71	1745	1328	379635	1200000
8	3	5	1191674	75	1127	1043	5931	1200000
9	2	5	539146	77	1377	0	659323	1200000
10	1	5	295724	73	0	0	904203	1200000

Type 5 #30 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	3	15	450990	95	1631	1458	636545	1090909
2	3	15	814981	50	1672	1646	272460	1090909
3	3	15	895038	84	1216	1254	193149	1090909
4	2	15	172679	54	1174	0	916948	1090909
5	3	15	82965	67	1421	1557	1004765	1090909
6	2	15	921033	88	1855	0	167845	1090909
7	2	15	514708	58	1379	0	574706	1090909
8	1	15	849145	73	0	0	241691	1090909
9	2	15	712042	99	1943	0	376726	1090909
10	1	15	183674	71	0	0	907164	1090909
11	1	15	1064773	56	0	0	26080	1090909



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Type 6 #1 [Back to Summary]

#01-5601	#02-5307	#03-5468	#04-5657	#05-5260	#06-5695	#07-5255	#08-5668	#09-5551	#10-5395
#11-5250	#12-5405	#13-5278	#14-5665	#15-5411	#16-5418	#17-5496	#18-5547	#19-5455	#20-5259
#21-5559	#22-5687	#23-5438	#24-5263	#25-5679	#26-5520	#27-5566	#28-5659	#29-5531	#30-5567
#31-5393	#32-5421	#33-5433	#34-5458	#35-5554	#36-5447	#37-5257	#38-5374	#39-5465	#40-5633
#41-5615	#42-5548	#43-5406	#44-5553	#45-5439	#46-5402	#47-5370	#48-5507	#49-5472	#50-5640
#51-5576	#52-5492	#53-5280	#54-5707	#55-5290	#56-5641	#57-5597	#58-5457	#59-5704	#60-5467
#61-5376	#62-5320	#63-5382	#64-5713	#65-5724	#66-5557	#67-5696	#68-5541	#69-5357	#70-5685
#71-5407	#72-5362	#73-5333	#74-5544	#75-5364	#76-5262	#77-5527	#78-5611	#79-5545	#80-5521
#81-5390	#82-5309	#83-5442	#84-5621	#85-5719	#86-5629	#87-5389	#88-5452	#89-5419	#90-5638
#91-5580	#92-5519	#93-5392	#94-5720	#95-5500	#96-5542	#97-5409	#98-5422	#99-5556	#100-5610

Type 6 #2 [Back to Summary]

#01-5434	#02-5555	#03-5392	#04-5507	#05-5479	#06-5452	#07-5405	#08-5455	#09-5589	#10-5277
#11-5360	#12-5710	#13-5637	#14-5428	#15-5319	#16-5322	#17-5604	#18-5495	#19-5717	#20-5345
#21-5410	#22-5497	#23-5373	#24-5450	#25-5358	#26-5614	#27-5694	#28-5337	#29-5293	#30-5551
#31-5573	#32-5354	#33-5306	#34-5663	#35-5336	#36-5567	#37-5642	#38-5660	#39-5390	#40-5520
#41-5474	#42-5667	#43-5592	#44-5393	#45-5528	#46-5594	#47-5613	#48-5693	#49-5650	#50-5427
#51-5669	#52-5644	#53-5429	#54-5456	#55-5447	#56-5666	#57-5426	#58-5671	#59-5394	#60-5588
#61-5483	#62-5311	#63-5406	#64-5283	#65-5432	#66-5255	#67-5651	#68-5700	#69-5338	#70-5484
#71-5404	#72-5668	#73-5349	#74-5453	#75-5598	#76-5471	#77-5627	#78-5708	#79-5645	#80-5494
#81-5724	#82-5250	#83-5412	#84-5585	#85-5602	#86-5648	#87-5646	#88-5570	#89-5462	#90-5387
#91-5376	#92-5696	#93-5512	#94-5521	#95-5279	#96-5399	#97-5506	#98-5548	#99-5685	#100-5518

Type 6 #3 [Back to Summary]

#01-5665	#02-5636	#03-5600	#04-5417	#05-5271	#06-5250	#07-5540	#08-5705	#09-5580	#10-5704
#11-5288	#12-5448	#13-5272	#14-5627	#15-5590	#16-5481	#17-5625	#18-5539	#19-5405	#20-5503
#21-5331	#22-5324	#23-5485	#24-5669	#25-5348	#26-5435	#27-5403	#28-5555	#29-5415	#30-5442
#31-5688	#32-5326	#33-5273	#34-5377	#35-5553	#36-5338	#37-5374	#38-5721	#39-5569	#40-5605
#41-5360	#42-5670	#43-5719	#44-5483	#45-5361	#46-5658	#47-5674	#48-5606	#49-5651	#50-5522
#51-5501	#52-5686	#53-5393	#54-5428	#55-5438	#56-5587	#57-5398	#58-5654	#59-5318	#60-5558
#61-5567	#62-5710	#63-5533	#64-5386	#65-5265	#66-5684	#67-5424	#68-5615	#69-5322	#70-5502
#71-5355	#72-5629	#73-5697	#74-5521	#75-5391	#76-5382	#77-5325	#78-5253	#79-5556	#80-5412
#81-5484	#82-5518	#83-5623	#84-5612	#85-5661	#86-5251	#87-5652	#88-5563	#89-5662	#90-5687
#91-5655	#92-5439	#93-5642	#94-5260	#95-5285	#96-5370	#97-5378	#98-5574	#99-5464	#100-5397



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Type 6 #4 [Back to Summary]									
#01-5483	#02-5306	#03-5533	#04-5398	#05-5418	#06-5598	#07-5714	#08-5592	#09-5283	#10-5302
#11-5512	#12-5399	#13-5349	#14-5636	#15-5325	#16-5298	#17-5336	#18-5650	#19-5453	#20-5265
#21-5279	#22-5584	#23-5680	#24-5366	#25-5571	#26-5643	#27-5707	#28-5690	#29-5494	#30-5270
#31-5254	#32-5475	#33-5511	#34-5412	#35-5654	#36-5432	#37-5713	#38-5479	#39-5449	#40-5318
#41-5261	#42-5316	#43-5537	#44-5613	#45-5428	#46-5515	#47-5346	#48-5264	#49-5660	#50-5709
#51-5293	#52-5461	#53-5382	#54-5455	#55-5373	#56-5625	#57-5357	#58-5423	#59-5557	#60-5505
#61-5616	#62-5275	#63-5354	#64-5263	#65-5301	#66-5291	#67-5617	#68-5667	#69-5705	#70-5621
#71-5317	#72-5581	#73-5457	#74-5391	#75-5253	#76-5692	#77-5307	#78-5327	#79-5663	#80-5319
#81-5553	#82-5693	#83-5285	#84-5516	#85-5703	#86-5527	#87-5355	#88-5320	#89-5295	#90-5281
#91-5340	#92-5550	#93-5649	#94-5672	#95-5436	#96-5715	#97-5685	#98-5525	#99-5566	#100-5397

Type 6 #5 [Back to Summary]									
#01-5622	#02-5402	#03-5282	#04-5288	#05-5649	#06-5436	#07-5257	#08-5719	#09-5448	#10-5403
#11-5575	#12-5286	#13-5483	#14-5496	#15-5676	#16-5645	#17-5716	#18-5564	#19-5284	#20-5501
#21-5667	#22-5553	#23-5623	#24-5678	#25-5540	#26-5487	#27-5654	#28-5500	#29-5684	#30-5266
#31-5253	#32-5503	#33-5473	#34-5523	#35-5409	#36-5392	#37-5659	#38-5717	#39-5583	#40-5517
#41-5512	#42-5349	#43-5586	#44-5609	#45-5423	#46-5294	#47-5315	#48-5401	#49-5721	#50-5502
#51-5718	#52-5370	#53-5480	#54-5316	#55-5442	#56-5319	#57-5504	#58-5330	#59-5465	#60-5406
#61-5506	#62-5475	#63-5285	#64-5428	#65-5394	#66-5323	#67-5537	#68-5681	#69-5334	#70-5533
#71-5707	#72-5724	#73-5701	#74-5486	#75-5705	#76-5567	#77-5689	#78-5262	#79-5497	#80-5499
#81-5422	#82-5495	#83-5510	#84-5424	#85-5271	#86-5604	#87-5268	#88-5408	#89-5331	#90-5345
#91-5617	#92-5584	#93-5494	#94-5425	#95-5265	#96-5290	#97-5318	#98-5404	#99-5462	#100-5358

Type 6 #6 [Back to Summary]									
#01-5484	#02-5356	#03-5323	#04-5442	#05-5521	#06-5720	#07-5393	#08-5721	#09-5328	#10-5603
#11-5349	#12-5492	#13-5555	#14-5691	#15-5704	#16-5253	#17-5695	#18-5580	#19-5409	#20-5517
#21-5301	#22-5370	#23-5602	#24-5711	#25-5634	#26-5378	#27-5474	#28-5528	#29-5471	#30-5672
#31-5500	#32-5536	#33-5522	#34-5391	#35-5267	#36-5318	#37-5425	#38-5313	#39-5633	#40-5275
#41-5461	#42-5271	#43-5335	#44-5451	#45-5718	#46-5379	#47-5279	#48-5535	#49-5447	#50-5261
#51-5314	#52-5462	#53-5722	#54-5667	#55-5304	#56-5366	#57-5483	#58-5339	#59-5538	#60-5396
#61-5499	#62-5593	#63-5503	#64-5382	#65-5354	#66-5546	#67-5689	#68-5414	#69-5671	#70-5636
#71-5559	#72-5630	#73-5669	#74-5385	#75-5305	#76-5282	#77-5287	#78-5407	#79-5715	#80-5512
#81-5352	#82-5665	#83-5333	#84-5466	#85-5612	#86-5293	#87-5545	#88-5581	#89-5343	#90-5627
#91-5570	#92-5344	#93-5513	#94-5495	#95-5509	#96-5599	#97-5498	#98-5678	#99-5351	#100-5433



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Type 6 #7 [Back to Summary]									
#01-5409	#02-5593	#03-5581	#04-5534	#05-5433	#06-5405	#07-5510	#08-5589	#09-5616	#10-5271
#11-5327	#12-5326	#13-5343	#14-5273	#15-5290	#16-5551	#17-5508	#18-5286	#19-5493	#20-5311
#21-5723	#22-5369	#23-5321	#24-5297	#25-5323	#26-5466	#27-5377	#28-5434	#29-5607	#30-5440
#31-5514	#32-5336	#33-5305	#34-5542	#35-5354	#36-5487	#37-5344	#38-5528	#39-5277	#40-5461
#41-5515	#42-5678	#43-5689	#44-5319	#45-5559	#46-5494	#47-5721	#48-5490	#49-5457	#50-5682
#51-5342	#52-5467	#53-5441	#54-5288	#55-5436	#56-5294	#57-5532	#58-5546	#59-5471	#60-5698
#61-5283	#62-5338	#63-5711	#64-5431	#65-5497	#66-5719	#67-5270	#68-5541	#69-5652	#70-5540
#71-5465	#72-5709	#73-5256	#74-5289	#75-5537	#76-5302	#77-5408	#78-5252	#79-5477	#80-5569
#81-5472	#82-5620	#83-5699	#84-5649	#85-5356	#86-5301	#87-5626	#88-5264	#89-5364	#90-5312
#91-5684	#92-5538	#93-5314	#94-5315	#95-5425	#96-5429	#97-5688	#98-5519	#99-5567	#100-5568

Type 6 #8 [Back to Summary]									
#01-5465	#02-5441	#03-5562	#04-5647	#05-5469	#06-5350	#07-5453	#08-5399	#09-5488	#10-5382
#11-5616	#12-5522	#13-5314	#14-5635	#15-5483	#16-5397	#17-5355	#18-5312	#19-5331	#20-5443
#21-5351	#22-5258	#23-5429	#24-5598	#25-5575	#26-5662	#27-5657	#28-5679	#29-5592	#30-5353
#31-5333	#32-5622	#33-5423	#34-5641	#35-5339	#36-5272	#37-5297	#38-5301	#39-5431	#40-5720
#41-5568	#42-5474	#43-5508	#44-5696	#45-5415	#46-5416	#47-5464	#48-5398	#49-5552	#50-5269
#51-5316	#52-5627	#53-5427	#54-5364	#55-5458	#56-5462	#57-5263	#58-5693	#59-5325	#60-5540
#61-5424	#62-5511	#63-5539	#64-5383	#65-5296	#66-5718	#67-5347	#68-5405	#69-5550	#70-5468
#71-5352	#72-5303	#73-5617	#74-5338	#75-5605	#76-5612	#77-5491	#78-5467	#79-5436	#80-5409
#81-5455	#82-5518	#83-5377	#84-5579	#85-5284	#86-5444	#87-5454	#88-5309	#89-5446	#90-5618
#91-5257	#92-5332	#93-5705	#94-5626	#95-5558	#96-5315	#97-5667	#98-5374	#99-5652	#100-5426

Type 6 #9 [Back to Summary]									
#01-5317	#02-5309	#03-5580	#04-5342	#05-5646	#06-5261	#07-5262	#08-5340	#09-5489	#10-5570
#11-5702	#12-5531	#13-5512	#14-5643	#15-5338	#16-5639	#17-5378	#18-5688	#19-5348	#20-5589
#21-5522	#22-5285	#23-5690	#24-5659	#25-5449	#26-5269	#27-5328	#28-5720	#29-5513	#30-5535
#31-5671	#32-5362	#33-5538	#34-5257	#35-5343	#36-5392	#37-5651	#38-5288	#39-5648	#40-5276
#41-5426	#42-5364	#43-5551	#44-5592	#45-5629	#46-5454	#47-5545	#48-5311	#49-5528	#50-5632
#51-5665	#52-5698	#53-5277	#54-5307	#55-5619	#56-5284	#57-5352	#58-5644	#59-5612	#60-5623
#61-5661	#62-5267	#63-5546	#64-5679	#65-5616	#66-5586	#67-5718	#68-5497	#69-5549	#70-5674
#71-5711	#72-5345	#73-5292	#74-5324	#75-5418	#76-5417	#77-5459	#78-5356	#79-5279	#80-5722
#81-5448	#82-5268	#83-5441	#84-5599	#85-5588	#86-5699	#87-5337	#88-5479	#89-5370	#90-5310
#91-5297	#92-5255	#93-5402	#94-5274	#95-5351	#96-5414	#97-5532	#98-5594	#99-5693	#100-5296



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Type 6 #10 [Back to Summary]									
#01-5459	#02-5290	#03-5481	#04-5581	#05-5647	#06-5574	#07-5659	#08-5680	#09-5613	#10-5454
#11-5544	#12-5721	#13-5618	#14-5617	#15-5424	#16-5641	#17-5547	#18-5668	#19-5330	#20-5645
#21-5504	#22-5480	#23-5388	#24-5493	#25-5629	#26-5705	#27-5669	#28-5265	#29-5706	#30-5258
#31-5599	#32-5582	#33-5374	#34-5711	#35-5506	#36-5401	#37-5505	#38-5577	#39-5681	#40-5270
#41-5291	#42-5373	#43-5587	#44-5624	#45-5475	#46-5296	#47-5358	#48-5494	#49-5561	#50-5415
#51-5571	#52-5585	#53-5508	#54-5297	#55-5498	#56-5697	#57-5619	#58-5708	#59-5672	#60-5662
#61-5623	#62-5637	#63-5696	#64-5595	#65-5562	#66-5682	#67-5579	#68-5625	#69-5350	#70-5271
#71-5375	#72-5689	#73-5712	#74-5311	#75-5593	#76-5372	#77-5606	#78-5473	#79-5261	#80-5567
#81-5576	#82-5409	#83-5412	#84-5520	#85-5395	#86-5264	#87-5322	#88-5329	#89-5445	#90-5526
#91-5496	#92-5516	#93-5632	#94-5266	#95-5359	#96-5366	#97-5398	#98-5713	#99-5302	#100-5515

Type 6 #11 [Back to Summary]									
#01-5428	#02-5455	#03-5391	#04-5548	#05-5289	#06-5613	#07-5604	#08-5450	#09-5415	#10-5373
#11-5329	#12-5382	#13-5696	#14-5338	#15-5322	#16-5464	#17-5475	#18-5416	#19-5453	#20-5564
#21-5611	#22-5514	#23-5426	#24-5547	#25-5490	#26-5582	#27-5303	#28-5697	#29-5674	#30-5485
#31-5702	#32-5633	#33-5437	#34-5463	#35-5403	#36-5385	#37-5275	#38-5602	#39-5498	#40-5521
#41-5381	#42-5600	#43-5644	#44-5328	#45-5459	#46-5371	#47-5560	#48-5550	#49-5669	#50-5632
#51-5629	#52-5716	#53-5512	#54-5467	#55-5645	#56-5646	#57-5276	#58-5572	#59-5307	#60-5433
#61-5556	#62-5636	#63-5502	#64-5660	#65-5393	#66-5418	#67-5672	#68-5482	#69-5658	#70-5662
#71-5425	#72-5592	#73-5647	#74-5659	#75-5413	#76-5258	#77-5590	#78-5337	#79-5331	#80-5353
#81-5268	#82-5483	#83-5277	#84-5291	#85-5578	#86-5711	#87-5363	#88-5698	#89-5541	#90-5489
#91-5354	#92-5427	#93-5537	#94-5304	#95-5687	#96-5477	#97-5342	#98-5709	#99-5657	#100-5282

Type 6 #12 [Back to Summary]									
#01-5431	#02-5324	#03-5616	#04-5257	#05-5448	#06-5283	#07-5321	#08-5579	#09-5294	#10-5634
#11-5299	#12-5662	#13-5487	#14-5677	#15-5416	#16-5326	#17-5605	#18-5461	#19-5331	#20-5414
#21-5305	#22-5700	#23-5663	#24-5419	#25-5551	#26-5251	#27-5308	#28-5588	#29-5698	#30-5671
#31-5637	#32-5609	#33-5409	#34-5303	#35-5651	#36-5672	#37-5589	#38-5270	#39-5566	#40-5544
#41-5639	#42-5514	#43-5652	#44-5633	#45-5442	#46-5424	#47-5669	#48-5583	#49-5613	#50-5606
#51-5591	#52-5607	#53-5626	#54-5491	#55-5707	#56-5454	#57-5383	#58-5446	#59-5429	#60-5443
#61-5704	#62-5457	#63-5597	#64-5346	#65-5720	#66-5404	#67-5498	#68-5428	#69-5273	#70-5469
#71-5453	#72-5576	#73-5610	#74-5502	#75-5495	#76-5510	#77-5293	#78-5274	#79-5701	#80-5372
#81-5310	#82-5438	#83-5694	#84-5337	#85-5325	#86-5276	#87-5708	#88-5636	#89-5323	#90-5444
#91-5531	#92-5390	#93-5557	#94-5373	#95-5564	#96-5427	#97-5632	#98-5549	#99-5644	#100-5280



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Type 6 #13 [Back to Summary]									
#01-5647	#02-5485	#03-5564	#04-5397	#05-5407	#06-5261	#07-5723	#08-5374	#09-5721	#10-5442
#11-5412	#12-5360	#13-5475	#14-5305	#15-5387	#16-5513	#17-5490	#18-5523	#19-5272	#20-5692
#21-5431	#22-5589	#23-5359	#24-5555	#25-5659	#26-5310	#27-5273	#28-5492	#29-5660	#30-5317
#31-5604	#32-5465	#33-5355	#34-5670	#35-5455	#36-5549	#37-5603	#38-5548	#39-5653	#40-5311
#41-5278	#42-5582	#43-5640	#44-5607	#45-5284	#46-5423	#47-5644	#48-5507	#49-5711	#50-5309
#51-5669	#52-5366	#53-5533	#54-5677	#55-5574	#56-5308	#57-5375	#58-5260	#59-5463	#60-5346
#61-5713	#62-5484	#63-5441	#64-5654	#65-5565	#66-5673	#67-5254	#68-5529	#69-5576	#70-5563
#71-5631	#72-5665	#73-5590	#74-5686	#75-5663	#76-5570	#77-5671	#78-5474	#79-5514	#80-5480
#81-5388	#82-5486	#83-5498	#84-5597	#85-5368	#86-5479	#87-5651	#88-5401	#89-5339	#90-5392
#91-5419	#92-5588	#93-5330	#94-5552	#95-5321	#96-5516	#97-5385	#98-5709	#99-5289	#100-5334

Type 6 #14 [Back to Summary]									
#01-5417	#02-5364	#03-5655	#04-5396	#05-5401	#06-5253	#07-5501	#08-5574	#09-5261	#10-5251
#11-5363	#12-5619	#13-5469	#14-5702	#15-5680	#16-5475	#17-5708	#18-5566	#19-5533	#20-5328
#21-5268	#22-5576	#23-5437	#24-5432	#25-5392	#26-5295	#27-5584	#28-5286	#29-5614	#30-5398
#31-5439	#32-5685	#33-5444	#34-5435	#35-5320	#36-5277	#37-5561	#38-5356	#39-5454	#40-5371
#41-5712	#42-5334	#43-5399	#44-5344	#45-5284	#46-5535	#47-5377	#48-5359	#49-5605	#50-5579
#51-5541	#52-5551	#53-5433	#54-5688	#55-5321	#56-5571	#57-5656	#58-5481	#59-5254	#60-5360
#61-5404	#62-5473	#63-5686	#64-5594	#65-5544	#66-5408	#67-5431	#68-5285	#69-5636	#70-5657
#71-5641	#72-5606	#73-5370	#74-5419	#75-5341	#76-5662	#77-5438	#78-5343	#79-5405	#80-5593
#81-5647	#82-5484	#83-5413	#84-5291	#85-5590	#86-5617	#87-5512	#88-5487	#89-5362	#90-5486
#91-5346	#92-5333	#93-5352	#94-5338	#95-5699	#96-5506	#97-5378	#98-5538	#99-5531	#100-5611

Type 6 #15 [Back to Summary]									
#01-5352	#02-5339	#03-5450	#04-5672	#05-5659	#06-5658	#07-5428	#08-5263	#09-5594	#10-5386
#11-5389	#12-5560	#13-5324	#14-5391	#15-5440	#16-5646	#17-5306	#18-5644	#19-5252	#20-5653
#21-5618	#22-5676	#23-5642	#24-5407	#25-5555	#26-5549	#27-5498	#28-5278	#29-5443	#30-5569
#31-5534	#32-5620	#33-5539	#34-5516	#35-5484	#36-5553	#37-5275	#38-5460	#39-5353	#40-5652
#41-5431	#42-5492	#43-5606	#44-5703	#45-5335	#46-5509	#47-5261	#48-5690	#49-5626	#50-5299
#51-5437	#52-5451	#53-5527	#54-5596	#55-5710	#56-5399	#57-5416	#58-5292	#59-5363	#60-5357
#61-5409	#62-5400	#63-5547	#64-5276	#65-5576	#66-5491	#67-5268	#68-5530	#69-5630	#70-5608
#71-5623	#72-5572	#73-5540	#74-5325	#75-5470	#76-5375	#77-5316	#78-5674	#79-5318	#80-5296
#81-5541	#82-5535	#83-5374	#84-5393	#85-5380	#86-5336	#87-5344	#88-5675	#89-5536	#90-5332
#91-5387	#92-5709	#93-5347	#94-5721	#95-5493	#96-5283	#97-5677	#98-5585	#99-5378	#100-5575



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Type 6 #16 [Back to Summary]									
#01-5492	#02-5455	#03-5309	#04-5269	#05-5403	#06-5594	#07-5634	#08-5452	#09-5376	#10-5582
#11-5335	#12-5476	#13-5700	#14-5318	#15-5544	#16-5600	#17-5275	#18-5405	#19-5621	#20-5489
#21-5398	#22-5324	#23-5720	#24-5546	#25-5472	#26-5642	#27-5475	#28-5548	#29-5562	#30-5436
#31-5429	#32-5460	#33-5543	#34-5471	#35-5529	#36-5333	#37-5480	#38-5354	#39-5715	#40-5515
#41-5424	#42-5619	#43-5547	#44-5679	#45-5723	#46-5638	#47-5256	#48-5278	#49-5425	#50-5620
#51-5258	#52-5518	#53-5687	#54-5613	#55-5418	#56-5414	#57-5459	#58-5491	#59-5524	#60-5487
#61-5364	#62-5336	#63-5618	#64-5666	#65-5394	#66-5602	#67-5659	#68-5477	#69-5514	#70-5453
#71-5366	#72-5648	#73-5407	#74-5350	#75-5306	#76-5510	#77-5507	#78-5290	#79-5554	#80-5567
#81-5637	#82-5441	#83-5362	#84-5671	#85-5423	#86-5643	#87-5499	#88-5658	#89-5295	#90-5353
#91-5599	#92-5712	#93-5560	#94-5474	#95-5386	#96-5334	#97-5724	#98-5605	#99-5530	#100-5367

Type 6 #17 [Back to Summary]									
#01-5704	#02-5504	#03-5488	#04-5693	#05-5496	#06-5337	#07-5353	#08-5581	#09-5552	#10-5639
#11-5637	#12-5417	#13-5667	#14-5685	#15-5576	#16-5646	#17-5694	#18-5672	#19-5478	#20-5482
#21-5349	#22-5252	#23-5425	#24-5402	#25-5582	#26-5379	#27-5333	#28-5658	#29-5684	#30-5696
#31-5506	#32-5620	#33-5484	#34-5420	#35-5577	#36-5373	#37-5678	#38-5394	#39-5415	#40-5335
#41-5531	#42-5635	#43-5347	#44-5380	#45-5442	#46-5428	#47-5291	#48-5593	#49-5618	#50-5468
#51-5366	#52-5296	#53-5365	#54-5286	#55-5267	#56-5703	#57-5321	#58-5329	#59-5359	#60-5364
#61-5251	#62-5422	#63-5616	#64-5579	#65-5384	#66-5262	#67-5653	#68-5495	#69-5354	#70-5455
#71-5691	#72-5545	#73-5508	#74-5396	#75-5676	#76-5440	#77-5623	#78-5293	#79-5686	#80-5407
#81-5332	#82-5469	#83-5284	#84-5467	#85-5572	#86-5461	#87-5513	#88-5452	#89-5406	#90-5604
#91-5301	#92-5598	#93-5287	#94-5306	#95-5339	#96-5370	#97-5271	#98-5503	#99-5254	#100-5439

Type 6 #18 [Back to Summary]									
#01-5499	#02-5527	#03-5489	#04-5420	#05-5506	#06-5552	#07-5521	#08-5701	#09-5335	#10-5558
#11-5325	#12-5280	#13-5372	#14-5679	#15-5275	#16-5511	#17-5381	#18-5405	#19-5256	#20-5648
#21-5480	#22-5454	#23-5338	#24-5474	#25-5399	#26-5344	#27-5510	#28-5448	#29-5303	#30-5567
#31-5417	#32-5380	#33-5292	#34-5508	#35-5634	#36-5542	#37-5702	#38-5595	#39-5685	#40-5273
#41-5664	#42-5535	#43-5362	#44-5579	#45-5532	#46-5270	#47-5475	#48-5334	#49-5281	#50-5561
#51-5713	#52-5597	#53-5488	#54-5330	#55-5676	#56-5296	#57-5439	#58-5264	#59-5272	#60-5415
#61-5298	#62-5326	#63-5650	#64-5505	#65-5394	#66-5673	#67-5715	#68-5601	#69-5302	#70-5467
#71-5541	#72-5520	#73-5447	#74-5708	#75-5707	#76-5674	#77-5347	#78-5491	#79-5669	#80-5379
#81-5598	#82-5424	#83-5421	#84-5476	#85-5580	#86-5555	#87-5620	#88-5687	#89-5557	#90-5589
#91-5349	#92-5684	#93-5572	#94-5523	#95-5705	#96-5593	#97-5611	#98-5587	#99-5430	#100-5583



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Type 6 #19 [Back to Summary]									
#01-5282	#02-5605	#03-5287	#04-5538	#05-5269	#06-5447	#07-5396	#08-5507	#09-5348	#10-5250
#11-5678	#12-5675	#13-5321	#14-5620	#15-5545	#16-5596	#17-5630	#18-5423	#19-5653	#20-5566
#21-5307	#22-5278	#23-5295	#24-5439	#25-5372	#26-5575	#27-5672	#28-5649	#29-5252	#30-5370
#31-5322	#32-5482	#33-5309	#34-5345	#35-5352	#36-5714	#37-5391	#38-5606	#39-5460	#40-5382
#41-5409	#42-5365	#43-5589	#44-5553	#45-5635	#46-5402	#47-5617	#48-5676	#49-5703	#50-5361
#51-5688	#52-5440	#53-5658	#54-5588	#55-5524	#56-5255	#57-5560	#58-5571	#59-5422	#60-5424
#61-5500	#62-5473	#63-5505	#64-5706	#65-5657	#66-5449	#67-5619	#68-5704	#69-5520	#70-5552
#71-5461	#72-5274	#73-5692	#74-5523	#75-5412	#76-5668	#77-5413	#78-5467	#79-5528	#80-5698
#81-5684	#82-5723	#83-5667	#84-5612	#85-5401	#86-5601	#87-5542	#88-5435	#89-5534	#90-5337
#91-5395	#92-5532	#93-5432	#94-5286	#95-5598	#96-5652	#97-5577	#98-5604	#99-5615	#100-5431

Type 6 #20 [Back to Summary]									
#01-5501	#02-5637	#03-5400	#04-5394	#05-5623	#06-5663	#07-5467	#08-5379	#09-5428	#10-5580
#11-5564	#12-5343	#13-5292	#14-5447	#15-5461	#16-5503	#17-5525	#18-5612	#19-5550	#20-5298
#21-5626	#22-5429	#23-5411	#24-5430	#25-5403	#26-5651	#27-5565	#28-5658	#29-5650	#30-5481
#31-5334	#32-5531	#33-5573	#34-5340	#35-5445	#36-5294	#37-5574	#38-5527	#39-5719	#40-5468
#41-5384	#42-5413	#43-5260	#44-5687	#45-5502	#46-5303	#47-5493	#48-5713	#49-5552	#50-5348
#51-5378	#52-5696	#53-5307	#54-5571	#55-5538	#56-5318	#57-5474	#58-5695	#59-5715	#60-5699
#61-5345	#62-5539	#63-5455	#64-5671	#65-5490	#66-5280	#67-5497	#68-5674	#69-5250	#70-5409
#71-5653	#72-5722	#73-5615	#74-5327	#75-5633	#76-5454	#77-5416	#78-5450	#79-5652	#80-5347
#81-5398	#82-5577	#83-5352	#84-5548	#85-5342	#86-5365	#87-5472	#88-5253	#89-5533	#90-5372
#91-5551	#92-5603	#93-5536	#94-5268	#95-5367	#96-5582	#97-5683	#98-5311	#99-5440	#100-5469

Type 6 #21 [Back to Summary]									
#01-5531	#02-5544	#03-5713	#04-5386	#05-5420	#06-5384	#07-5326	#08-5701	#09-5657	#10-5328
#11-5625	#12-5270	#13-5291	#14-5614	#15-5545	#16-5497	#17-5435	#18-5634	#19-5573	#20-5372
#21-5536	#22-5493	#23-5393	#24-5599	#25-5590	#26-5301	#27-5436	#28-5598	#29-5687	#30-5309
#31-5499	#32-5353	#33-5260	#34-5437	#35-5543	#36-5586	#37-5587	#38-5691	#39-5376	#40-5686
#41-5290	#42-5491	#43-5319	#44-5453	#45-5473	#46-5525	#47-5560	#48-5647	#49-5448	#50-5597
#51-5390	#52-5297	#53-5465	#54-5318	#55-5658	#56-5283	#57-5402	#58-5363	#59-5521	#60-5367
#61-5676	#62-5455	#63-5264	#64-5603	#65-5556	#66-5520	#67-5258	#68-5582	#69-5322	#70-5684
#71-5639	#72-5468	#73-5507	#74-5616	#75-5334	#76-5292	#77-5425	#78-5667	#79-5377	#80-5314
#81-5470	#82-5515	#83-5401	#84-5342	#85-5648	#86-5452	#87-5618	#88-5670	#89-5505	#90-5509
#91-5433	#92-5475	#93-5417	#94-5257	#95-5262	#96-5567	#97-5481	#98-5445	#99-5629	#100-5680



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Type 6 #22 [Back to Summary]									
#01-5516	#02-5703	#03-5574	#04-5489	#05-5685	#06-5646	#07-5514	#08-5578	#09-5711	#10-5611
#11-5583	#12-5455	#13-5713	#14-5451	#15-5623	#16-5405	#17-5303	#18-5649	#19-5677	#20-5350
#21-5630	#22-5316	#23-5325	#24-5534	#25-5493	#26-5409	#27-5295	#28-5495	#29-5597	#30-5488
#31-5536	#32-5704	#33-5289	#34-5420	#35-5520	#36-5482	#37-5663	#38-5629	#39-5374	#40-5721
#41-5657	#42-5281	#43-5678	#44-5610	#45-5642	#46-5697	#47-5475	#48-5684	#49-5354	#50-5567
#51-5500	#52-5547	#53-5479	#54-5512	#55-5290	#56-5437	#57-5620	#58-5283	#59-5717	#60-5517
#61-5592	#62-5265	#63-5700	#64-5456	#65-5322	#66-5599	#67-5410	#68-5532	#69-5654	#70-5379
#71-5460	#72-5389	#73-5511	#74-5680	#75-5408	#76-5590	#77-5357	#78-5426	#79-5608	#80-5515
#81-5648	#82-5331	#83-5381	#84-5270	#85-5709	#86-5707	#87-5450	#88-5485	#89-5371	#90-5320
#91-5579	#92-5621	#93-5634	#94-5570	#95-5363	#96-5636	#97-5301	#98-5449	#99-5535	#100-5287

Type 6 #23 [Back to Summary]									
#01-5530	#02-5671	#03-5279	#04-5697	#05-5355	#06-5361	#07-5283	#08-5533	#09-5352	#10-5421
#11-5334	#12-5443	#13-5398	#14-5448	#15-5596	#16-5515	#17-5605	#18-5680	#19-5482	#20-5339
#21-5393	#22-5647	#23-5409	#24-5583	#25-5524	#26-5569	#27-5484	#28-5665	#29-5562	#30-5501
#31-5543	#32-5626	#33-5620	#34-5574	#35-5717	#36-5706	#37-5304	#38-5415	#39-5642	#40-5599
#41-5677	#42-5654	#43-5390	#44-5687	#45-5716	#46-5391	#47-5475	#48-5440	#49-5710	#50-5578
#51-5286	#52-5345	#53-5704	#54-5447	#55-5619	#56-5604	#57-5507	#58-5416	#59-5419	#60-5506
#61-5598	#62-5336	#63-5693	#64-5567	#65-5595	#66-5428	#67-5540	#68-5541	#69-5446	#70-5611
#71-5452	#72-5427	#73-5282	#74-5602	#75-5378	#76-5458	#77-5495	#78-5438	#79-5587	#80-5367
#81-5327	#82-5284	#83-5676	#84-5703	#85-5460	#86-5434	#87-5641	#88-5406	#89-5670	#90-5349
#91-5436	#92-5609	#93-5720	#94-5370	#95-5723	#96-5576	#97-5682	#98-5536	#99-5322	#100-5523

Type 6 #24 [Back to Summary]									
#01-5574	#02-5659	#03-5717	#04-5347	#05-5375	#06-5577	#07-5312	#08-5352	#09-5313	#10-5414
#11-5358	#12-5318	#13-5555	#14-5295	#15-5429	#16-5565	#17-5392	#18-5714	#19-5364	#20-5415
#21-5517	#22-5382	#23-5600	#24-5343	#25-5425	#26-5575	#27-5447	#28-5634	#29-5610	#30-5530
#31-5502	#32-5683	#33-5362	#34-5305	#35-5528	#36-5405	#37-5292	#38-5584	#39-5583	#40-5615
#41-5380	#42-5542	#43-5354	#44-5512	#45-5251	#46-5378	#47-5302	#48-5674	#49-5681	#50-5412
#51-5450	#52-5695	#53-5439	#54-5649	#55-5265	#56-5452	#57-5309	#58-5626	#59-5654	#60-5529
#61-5389	#62-5409	#63-5474	#64-5510	#65-5638	#66-5401	#67-5684	#68-5497	#69-5495	#70-5271
#71-5522	#72-5538	#73-5387	#74-5479	#75-5280	#76-5700	#77-5273	#78-5334	#79-5340	#80-5293
#81-5523	#82-5498	#83-5679	#84-5456	#85-5333	#86-5540	#87-5504	#88-5444	#89-5289	#90-5332
#91-5344	#92-5403	#93-5656	#94-5300	#95-5482	#96-5701	#97-5324	#98-5580	#99-5607	#100-5587



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Type 6 #25 [Back to Summary]									
#01-5419	#02-5533	#03-5428	#04-5657	#05-5614	#06-5634	#07-5557	#08-5682	#09-5613	#10-5292
#11-5417	#12-5700	#13-5528	#14-5604	#15-5259	#16-5615	#17-5450	#18-5270	#19-5422	#20-5352
#21-5625	#22-5490	#23-5454	#24-5407	#25-5656	#26-5369	#27-5603	#28-5332	#29-5251	#30-5310
#31-5627	#32-5430	#33-5461	#34-5489	#35-5597	#36-5710	#37-5316	#38-5272	#39-5559	#40-5424
#41-5698	#42-5540	#43-5546	#44-5723	#45-5639	#46-5364	#47-5586	#48-5295	#49-5291	#50-5580
#51-5494	#52-5304	#53-5394	#54-5497	#55-5677	#56-5652	#57-5328	#58-5267	#59-5250	#60-5492
#61-5280	#62-5474	#63-5681	#64-5554	#65-5391	#66-5715	#67-5487	#68-5296	#69-5257	#70-5278
#71-5549	#72-5434	#73-5438	#74-5724	#75-5381	#76-5337	#77-5669	#78-5458	#79-5502	#80-5538
#81-5509	#82-5564	#83-5298	#84-5392	#85-5541	#86-5575	#87-5286	#88-5688	#89-5535	#90-5673
#91-5632	#92-5305	#93-5273	#94-5324	#95-5398	#96-5473	#97-5588	#98-5716	#99-5581	#100-5647

Type 6 #26 [Back to Summary]									
#01-5601	#02-5547	#03-5288	#04-5266	#05-5284	#06-5315	#07-5593	#08-5398	#09-5368	#10-5596
#11-5707	#12-5597	#13-5493	#14-5437	#15-5710	#16-5442	#17-5432	#18-5538	#19-5265	#20-5544
#21-5681	#22-5525	#23-5479	#24-5308	#25-5369	#26-5501	#27-5411	#28-5366	#29-5579	#30-5634
#31-5471	#32-5677	#33-5603	#34-5574	#35-5662	#36-5684	#37-5519	#38-5276	#39-5356	#40-5474
#41-5705	#42-5613	#43-5569	#44-5666	#45-5691	#46-5285	#47-5527	#48-5555	#49-5332	#50-5678
#51-5293	#52-5299	#53-5701	#54-5287	#55-5689	#56-5326	#57-5321	#58-5706	#59-5620	#60-5504
#61-5625	#62-5469	#63-5539	#64-5454	#65-5374	#66-5279	#67-5721	#68-5640	#69-5494	#70-5275
#71-5642	#72-5404	#73-5426	#74-5510	#75-5560	#76-5323	#77-5675	#78-5532	#79-5343	#80-5336
#81-5694	#82-5573	#83-5283	#84-5619	#85-5586	#86-5420	#87-5699	#88-5558	#89-5607	#90-5582
#91-5611	#92-5531	#93-5378	#94-5567	#95-5566	#96-5470	#97-5317	#98-5361	#99-5535	#100-5657

Type 6 #27 [Back to Summary]									
#01-5288	#02-5612	#03-5309	#04-5305	#05-5285	#06-5610	#07-5592	#08-5438	#09-5449	#10-5622
#11-5370	#12-5507	#13-5616	#14-5538	#15-5537	#16-5299	#17-5441	#18-5649	#19-5594	#20-5675
#21-5306	#22-5407	#23-5282	#24-5639	#25-5389	#26-5354	#27-5275	#28-5578	#29-5667	#30-5336
#31-5252	#32-5567	#33-5718	#34-5408	#35-5296	#36-5338	#37-5519	#38-5705	#39-5585	#40-5704
#41-5554	#42-5511	#43-5368	#44-5714	#45-5469	#46-5360	#47-5652	#48-5563	#49-5287	#50-5523
#51-5291	#52-5399	#53-5492	#54-5597	#55-5606	#56-5605	#57-5575	#58-5398	#59-5643	#60-5660
#61-5580	#62-5262	#63-5494	#64-5366	#65-5619	#66-5521	#67-5509	#68-5458	#69-5488	#70-5452
#71-5501	#72-5459	#73-5313	#74-5618	#75-5369	#76-5515	#77-5292	#78-5295	#79-5419	#80-5278
#81-5428	#82-5436	#83-5544	#84-5391	#85-5298	#86-5584	#87-5329	#88-5376	#89-5528	#90-5417
#91-5481	#92-5377	#93-5318	#94-5661	#95-5375	#96-5548	#97-5264	#98-5251	#99-5351	#100-5676



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Type 6 #28 [Back to Summary]									
#01-5569	#02-5440	#03-5322	#04-5558	#05-5269	#06-5553	#07-5337	#08-5605	#09-5478	#10-5341
#11-5565	#12-5533	#13-5704	#14-5613	#15-5480	#16-5396	#17-5446	#18-5357	#19-5318	#20-5284
#21-5451	#22-5392	#23-5662	#24-5329	#25-5699	#26-5383	#27-5400	#28-5381	#29-5496	#30-5551
#31-5503	#32-5289	#33-5673	#34-5476	#35-5436	#36-5711	#37-5364	#38-5709	#39-5370	#40-5467
#41-5500	#42-5449	#43-5622	#44-5433	#45-5579	#46-5670	#47-5394	#48-5425	#49-5422	#50-5698
#51-5344	#52-5635	#53-5656	#54-5308	#55-5471	#56-5428	#57-5511	#58-5718	#59-5586	#60-5612
#61-5405	#62-5680	#63-5356	#64-5651	#65-5566	#66-5526	#67-5589	#68-5481	#69-5421	#70-5497
#71-5278	#72-5463	#73-5712	#74-5581	#75-5516	#76-5252	#77-5499	#78-5477	#79-5483	#80-5276
#81-5714	#82-5693	#83-5681	#84-5520	#85-5450	#86-5594	#87-5351	#88-5609	#89-5256	#90-5258
#91-5454	#92-5366	#93-5372	#94-5487	#95-5305	#96-5544	#97-5331	#98-5688	#99-5597	#100-5297

Type 6 #29 [Back to Summary]									
#01-5332	#02-5640	#03-5250	#04-5652	#05-5667	#06-5606	#07-5646	#08-5327	#09-5522	#10-5464
#11-5655	#12-5278	#13-5487	#14-5552	#15-5621	#16-5432	#17-5722	#18-5566	#19-5446	#20-5698
#21-5413	#22-5704	#23-5469	#24-5414	#25-5290	#26-5633	#27-5337	#28-5476	#29-5517	#30-5696
#31-5638	#32-5529	#33-5603	#34-5425	#35-5670	#36-5320	#37-5694	#38-5280	#39-5571	#40-5565
#41-5666	#42-5279	#43-5334	#44-5511	#45-5326	#46-5422	#47-5602	#48-5541	#49-5581	#50-5594
#51-5537	#52-5486	#53-5485	#54-5616	#55-5604	#56-5352	#57-5410	#58-5551	#59-5609	#60-5281
#61-5513	#62-5411	#63-5526	#64-5546	#65-5543	#66-5369	#67-5389	#68-5305	#69-5607	#70-5545
#71-5456	#72-5691	#73-5718	#74-5598	#75-5276	#76-5380	#77-5619	#78-5680	#79-5338	#80-5583
#81-5274	#82-5505	#83-5615	#84-5645	#85-5396	#86-5392	#87-5289	#88-5713	#89-5538	#90-5560
#91-5628	#92-5381	#93-5387	#94-5533	#95-5298	#96-5490	#97-5463	#98-5498	#99-5692	#100-5678

Type 6 #30 [Back to Summary]									
#01-5280	#02-5550	#03-5663	#04-5286	#05-5386	#06-5577	#07-5499	#08-5613	#09-5590	#10-5470
#11-5457	#12-5461	#13-5467	#14-5271	#15-5252	#16-5255	#17-5528	#18-5615	#19-5398	#20-5399
#21-5335	#22-5408	#23-5489	#24-5293	#25-5647	#26-5327	#27-5551	#28-5426	#29-5558	#30-5508
#31-5641	#32-5362	#33-5713	#34-5384	#35-5562	#36-5453	#37-5582	#38-5585	#39-5511	#40-5554
#41-5629	#42-5402	#43-5371	#44-5324	#45-5357	#46-5419	#47-5650	#48-5370	#49-5543	#50-5296
#51-5699	#52-5591	#53-5358	#54-5545	#55-5601	#56-5604	#57-5313	#58-5627	#59-5365	#60-5309
#61-5278	#62-5326	#63-5308	#64-5338	#65-5564	#66-5349	#67-5479	#68-5336	#69-5444	#70-5526
#71-5409	#72-5676	#73-5355	#74-5576	#75-5502	#76-5662	#77-5283	#78-5417	#79-5665	#80-5482
#81-5412	#82-5433	#83-5616	#84-5515	#85-5536	#86-5301	#87-5251	#88-5427	#89-5520	#90-5689
#91-5393	#92-5686	#93-5472	#94-5454	#95-5529	#96-5559	#97-5345	#98-5288	#99-5496	#100-5261

Type 5 #1 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	11	255424	83	1482	1772	541073	800000
2	3	11	16515	52	1287	1762	780280	800000
3	3	11	538588	82	1181	1979	258006	800000
4	3	11	321395	72	1316	1778	475295	800000
5	1	11	144127	53	0	0	655820	800000
6	1	11	116181	54	0	0	683765	800000
7	3	11	166392	93	1253	1126	630950	800000
8	1	11	128977	94	0	0	670929	800000
9	1	11	712718	74	0	0	87208	800000
10	2	11	579667	55	1817	0	218406	800000
11	2	11	166672	62	1132	0	632072	800000
12	3	11	456244	54	1442	1314	340838	800000
13	3	11	688729	60	1472	1481	108138	800000
14	2	11	368428	52	1502	0	429966	800000
15	3	11	343038	63	1155	1671	453947	800000

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	10	460484	95	1790	1775	735666	1200000
2	2	10	719455	89	1900	0	478467	1200000
3	2	10	948054	95	1005	0	250751	1200000
4	2	10	145720	87	1762	0	1052344	1200000
5	1	10	1121033	66	0	0	78901	1200000
6	2	10	710841	65	1651	0	487378	1200000
7	3	10	707375	60	1525	1852	489068	1200000
8	1	10	805295	54	0	0	394651	1200000
9	1	10	159902	92	0	0	1040006	1200000
10	3	10	780692	87	1772	1430	415845	1200000

Type 5 #3 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	2	18	85239	97	1842	0	1003634	1090909
2	3	18	984395	89	1307	1865	103075	1090909
3	1	18	525061	68	0	0	565780	1090909
4	2	18	310180	69	1091	0	779500	1090909
5	2	18	834793	59	1198	0	254800	1090909
6	3	18	660282	86	1349	1356	427664	1090909
7	3	18	268804	81	1820	1023	819019	1090909
8	3	18	293012	80	1357	1071	795229	1090909
9	1	18	75616	91	0	0	1015202	1090909
10	1	18	31804	58	0	0	1059047	1090909
11	2	18	409870	54	1950	0	678981	1090909

Type 5 #4 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	11	810395	67	1786	1979	685639	1500000
2	3	11	218899	54	1150	1541	1278248	1500000
3	1	11	1385866	59	0	0	114075	1500000
4	2	11	267081	52	1808	0	1231007	1500000
5	2	11	1003912	75	1095	0	494843	1500000
6	2	11	143808	83	1659	0	1354367	1500000
7	2	11	1394380	66	1654	0	103834	1500000
8	2	11	237278	93	1294	0	1261242	1500000

Type 5 #5 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	16	151631	73	0	0	448296	600000
2	3	16	504689	70	1357	1239	92505	600000
3	3	16	260864	57	1761	1106	336098	600000
4	2	16	336107	72	1108	0	262641	600000
5	3	16	167335	100	1433	1540	429392	600000
6	2	16	49640	55	1827	0	548423	600000
7	3	16	215213	97	1236	1193	382067	600000
8	2	16	521399	100	1967	0	76434	600000
9	1	16	320840	90	0	0	279070	600000
10	2	16	25782	97	1640	0	572384	600000
11	3	16	221806	56	1176	1316	375534	600000
12	3	16	362848	98	1114	1839	233905	600000
13	3	16	21718	80	1270	1828	574944	600000
14	2	16	513702	59	1050	0	85130	600000
15	1	16	381055	50	0	0	218895	600000
16	3	16	404198	60	1859	1590	192173	600000
17	3	16	437446	59	1752	1757	158868	600000
18	2	16	76614	83	1441	0	521779	600000
19	1	16	115415	63	0	0	484522	600000
20	2	16	35719	85	1550	0	562561	600000

Type 5 #6 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	9	383443	87	1866	0	1114517	1500000
2	1	9	1307157	84	0	0	192759	1500000
3	2	9	457807	76	1070	0	1040971	1500000
4	1	9	342012	77	0	0	1157911	1500000
5	3	9	634307	94	1749	1654	862008	1500000
6	2	9	1057007	65	1699	0	441164	1500000
7	3	9	260435	69	1481	1726	1236151	1500000
8	3	9	905235	89	1702	1628	591168	1500000

Type 5 #7 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	14	424009	99	1439	0	324354	750000
2	2	14	222164	58	1555	0	526165	750000
3	2	14	202430	61	1948	0	545500	750000
4	1	14	28618	95	0	0	721287	750000
5	2	14	563009	67	1131	0	185726	750000
6	3	14	203611	80	1850	1263	543036	750000
7	3	14	327519	76	1874	1710	418669	750000
8	1	14	705335	80	0	0	44585	750000
9	2	14	254827	53	1270	0	493797	750000
10	2	14	79877	84	1329	0	668626	750000
11	2	14	197198	86	1866	0	550764	750000
12	2	14	723503	81	1688	0	24647	750000
13	3	14	690599	95	1138	1632	56346	750000
14	2	14	720201	62	1438	0	28237	750000
15	1	14	587689	61	0	0	162250	750000
16	1	14	308888	93	0	0	441019	750000

Type 5 #8 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	17	817499	83	1583	1446	179223	1000000
2	2	17	661245	55	1855	0	336790	1000000
3	3	17	441106	82	1835	1417	555396	1000000
4	3	17	765307	75	1146	1173	232149	1000000
5	2	17	277408	100	1594	0	720798	1000000
6	1	17	972505	52	0	0	27443	1000000
7	3	17	790338	92	1660	1269	206457	1000000
8	3	17	853609	50	1382	1196	143663	1000000
9	1	17	59329	67	0	0	940604	1000000
10	3	17	163261	66	1478	1629	833434	1000000
11	2	17	457058	73	1888	0	540908	1000000
12	1	17	75433	54	0	0	924513	1000000

Type 5 #9 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	7	72414	67	0	0	594185	666666
2	2	7	606623	88	1978	0	57889	666666
3	2	7	189193	82	1371	0	475938	666666
4	3	7	151096	78	1545	1545	512246	666666
5	1	7	223193	69	0	0	443404	666666
6	3	7	521312	96	1082	1120	142864	666666
7	2	7	564009	63	1428	0	101103	666666
8	3	7	423725	92	1520	1938	239207	666666
9	2	7	460269	99	1688	0	204511	666666
10	2	7	351337	50	1362	0	313867	666666
11	1	7	653311	71	0	0	13284	666666
12	3	7	454001	82	1317	1387	209715	666666
13	3	7	626880	78	1128	1957	36467	666666
14	3	7	403075	72	1726	1739	259910	666666
15	1	7	271142	80	0	0	395444	666666
16	1	7	329713	76	0	0	336877	666666
17	1	7	170903	88	0	0	495675	666666
18	1	7	606118	92	0	0	60456	666666

Type 5 #10 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	3	16	745612	89	1848	1732	250541	1000000
2	2	16	502971	79	1637	0	495234	1000000
3	2	16	360441	58	1979	0	637464	1000000
4	2	16	616705	90	1356	0	381759	1000000
5	1	16	673057	62	0	0	326881	1000000
6	2	16	375319	54	1876	0	622697	1000000
7	1	16	548879	95	0	0	451026	1000000
8	3	16	282753	54	1558	1280	714247	1000000
9	3	16	745029	74	1121	1812	251816	1000000
10	2	16	723524	94	1791	0	274497	1000000
11	3	16	514781	89	1293	1099	482560	1000000
12	3	16	219004	53	1880	1664	777293	1000000

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	1	7	545178	90	0	0	204732	750000
2	1	7	734243	61	0	0	15696	750000
3	2	7	151732	56	1926	0	596230	750000
4	1	7	390675	82	0	0	359243	750000
5	1	7	94860	98	0	0	655042	750000
6	2	7	464282	79	1220	0	284340	750000
7	1	7	402194	63	0	0	347743	750000
8	1	7	533678	72	0	0	216250	750000
9	3	7	50513	96	1378	1983	695838	750000
10	3	7	733045	85	1074	1856	13770	750000
11	2	7	567204	84	1579	0	181049	750000
12	2	7	333158	68	1169	0	415537	750000
13	1	7	341154	56	0	0	408790	750000
14	1	7	680575	93	0	0	69332	750000
15	3	7	542227	74	1860	1492	204199	750000
16	1	7	659698	77	0	0	90225	750000

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	1	8	333345	70	0	0	999918	1333333
2	3	8	430442	82	1091	1871	899683	1333333
3	3	8	143194	62	1454	1249	1187250	1333333
4	2	8	160832	58	1877	0	1170508	1333333
5	3	8	117248	68	1854	1336	1212691	1333333
6	2	8	658383	85	1623	0	673157	1333333
7	1	8	997337	65	0	0	335931	1333333
8	1	8	449907	94	0	0	883332	1333333
9	2	8	40227	100	1825	0	1291081	1333333

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	18	187267	93	1433	0	811114	1000000
2	1	18	560306	92	0	0	439602	1000000
3	2	18	383009	81	1180	0	615649	1000000
4	1	18	954151	60	0	0	45789	1000000
5	1	18	40359	97	0	0	959544	1000000
6	2	18	372000	63	1132	0	626742	1000000
7	3	18	319145	66	1136	1928	677593	1000000
8	3	18	108936	80	1644	1606	887574	1000000
9	3	18	771571	67	1955	1568	224705	1000000
10	3	18	938923	89	1611	1829	57370	1000000
11	1	18	117180	89	0	0	882731	1000000
12	1	18	965425	65	0	0	34510	1000000

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	15	720355	93	0	0	202628	923076
2	2	15	423856	81	1927	0	497131	923076
3	2	15	454995	88	1472	0	466433	923076
4	1	15	919771	68	0	0	3237	923076
5	2	15	814458	59	1720	0	106780	923076
6	3	15	61540	65	1333	1439	858569	923076
7	1	15	134262	66	0	0	788748	923076
8	1	15	484765	84	0	0	438227	923076
9	3	15	295174	63	1197	1013	625503	923076
10	3	15	590691	68	1824	1555	328802	923076
11	3	15	835809	95	1016	1090	84876	923076
12	2	15	207578	99	1587	0	713713	923076
13	1	15	371643	84	0	0	551349	923076

Type 5 #15 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	10	236788	97	1724	1311	426552	666666
2	2	10	518788	52	1317	0	146457	666666
3	3	10	176487	81	1388	1159	487389	666666
4	3	10	239425	62	1327	1971	423757	666666
5	1	10	391717	51	0	0	274898	666666
6	3	10	572151	79	1946	1497	90835	666666
7	1	10	196282	92	0	0	470292	666666
8	3	10	179377	52	1550	1930	483653	666666
9	3	10	161323	72	1406	1066	502655	666666
10	3	10	268423	57	1409	1349	395314	666666
11	3	10	512213	79	1677	1285	151254	666666
12	2	10	549014	73	1371	0	116135	666666
13	3	10	323408	67	1550	1190	340317	666666
14	3	10	247460	85	1397	1033	416521	666666
15	2	10	450372	81	1271	0	214861	666666
16	2	10	249760	90	1088	0	415638	666666
17	3	10	134057	97	1399	1617	529302	666666
18	3	10	414326	71	1470	1899	248758	666666

Type 5 #16 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	15	140748	83	1088	0	457998	600000
2	1	15	344626	53	0	0	255321	600000
3	2	15	538250	92	1852	0	59714	600000
4	1	15	369234	77	0	0	230689	600000
5	3	15	580748	70	1993	1670	15379	600000
6	2	15	71225	89	1370	0	527227	600000
7	2	15	88305	68	1624	0	509935	600000
8	2	15	420926	98	1286	0	177592	600000
9	1	15	378380	77	0	0	221543	600000
10	1	15	198983	80	0	0	400937	600000
11	1	15	146683	70	0	0	453247	600000
12	1	15	398879	63	0	0	201058	600000
13	3	15	495256	87	1117	1807	101559	600000
14	1	15	128057	77	0	0	471866	600000
15	1	15	208475	59	0	0	391466	600000
16	1	15	549212	62	0	0	50726	600000
17	2	15	426487	93	1164	0	172163	600000
18	2	15	341056	98	1438	0	257310	600000
19	1	15	218263	65	0	0	381672	600000
20	1	15	136014	74	0	0	463912	600000

Type 5 #17 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	9	839949	100	1395	0	81532	923076
2	3	9	618994	57	1729	1257	300925	923076
3	3	9	793770	75	1826	1018	126237	923076
4	1	9	369365	78	0	0	553633	923076
5	3	9	610883	54	1841	1048	309142	923076
6	1	9	625102	53	0	0	297921	923076
7	1	9	404609	71	0	0	518396	923076
8	3	9	389654	99	1506	1528	530091	923076
9	2	9	415128	52	1822	0	506022	923076
10	3	9	192803	93	1207	1423	727364	923076
11	3	9	510396	96	1884	1884	408624	923076
12	2	9	602750	99	1095	0	319033	923076
13	3	9	357780	82	1457	1256	562337	923076

Type 5 #18 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	3	6	1426916	84	1257	1149	70426	1500000
2	3	6	603274	92	1652	1473	893325	1500000
3	2	6	634927	100	1554	0	863319	1500000
4	1	6	468409	78	0	0	1031513	1500000
5	3	6	548925	54	1186	1234	948493	1500000
6	2	6	1065250	96	1656	0	432902	1500000
7	3	6	606410	90	1903	1209	890208	1500000
8	3	6	727463	51	1291	1283	769810	1500000

Type 5 #19 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	3	8	70661	82	1799	1216	926078	1000000
2	3	8	994467	70	1586	1334	2403	1000000
3	1	8	729308	88	0	0	270604	1000000
4	1	8	18554	67	0	0	981379	1000000
5	1	8	28791	77	0	0	971132	1000000
6	3	8	744636	80	1017	1179	252928	1000000
7	2	8	766220	70	1312	0	232328	1000000
8	1	8	624917	100	0	0	374983	1000000
9	2	8	956977	74	1388	0	41487	1000000
10	2	8	409036	50	1483	0	589381	1000000
11	1	8	363811	76	0	0	636113	1000000
12	1	8	520938	96	0	0	478966	1000000

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	3	20	697456	85	1523	1684	4964	705882
2	2	20	389136	87	1409	0	315163	705882
3	2	20	472208	97	1097	0	232383	705882
4	3	20	154688	56	1605	1770	547651	705882
5	1	20	218895	51	0	0	486936	705882
6	2	20	452388	80	1225	0	252109	705882
7	2	20	183162	88	1441	0	521103	705882
8	3	20	192840	66	1710	1422	509712	705882
9	1	20	563491	89	0	0	142302	705882
10	3	20	608602	65	1355	1100	94630	705882
11	2	20	388758	99	1497	0	315429	705882
12	2	20	660344	85	1464	0	43904	705882
13	2	20	548080	58	1079	0	156607	705882
14	2	20	307720	75	1906	0	396106	705882
15	2	20	73018	59	1892	0	630854	705882
16	2	20	30087	61	1189	0	674484	705882
17	1	20	550094	56	0	0	155732	705882

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	1	14	766318	90	0	0	233592	1000000
2	3	14	809905	85	1796	1019	187025	1000000
3	2	14	265117	63	1258	0	733499	1000000
4	1	14	173066	66	0	0	826868	1000000
5	1	14	592682	75	0	0	407243	1000000
6	3	14	988925	69	1637	1302	7929	1000000
7	2	14	812305	76	1196	0	186347	1000000
8	1	14	412226	70	0	0	587704	1000000
9	1	14	170187	85	0	0	829728	1000000
10	3	14	322834	61	1789	1856	673338	1000000
11	3	14	92032	86	1623	1458	904629	1000000
12	1	14	247379	55	0	0	752566	1000000

Type 5 #22 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	670164	62	0	0	829774	1500000
2	1	20	1365233	94	0	0	134673	1500000
3	2	20	474377	74	1831	0	1023644	1500000
4	2	20	1467111	96	1529	0	31168	1500000
5	1	20	103377	64	0	0	1396559	1500000
6	2	20	302325	69	1697	0	1195840	1500000
7	3	20	210348	51	1860	1301	1286338	1500000
8	3	20	48674	98	1535	1067	1448430	1500000

Type 5 #23 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	3	9	1419781	90	1835	1340	76774	1500000
2	2	9	322942	88	1751	0	1175131	1500000
3	2	9	999918	70	1750	0	498192	1500000
4	2	9	401680	94	1494	0	1096638	1500000
5	1	9	558414	72	0	0	941514	1500000
6	2	9	1039529	76	1946	0	458373	1500000
7	1	9	189499	99	0	0	1310402	1500000
8	3	9	1366240	63	1367	1361	130843	1500000

Type 5 #24 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	20	587450	54	1800	1286	115184	705882
2	2	20	246481	94	1994	0	457219	705882
3	2	20	326783	99	1390	0	377511	705882
4	2	20	694203	52	1810	0	9765	705882
5	1	20	211992	92	0	0	493798	705882
6	1	20	204904	85	0	0	500893	705882
7	2	20	303428	91	1583	0	400689	705882
8	3	20	265977	72	1146	1869	436674	705882
9	2	20	649997	87	1132	0	54579	705882
10	3	20	140441	70	1790	1486	561955	705882
11	1	20	677363	52	0	0	28467	705882
12	2	20	66983	62	1837	0	636938	705882
13	1	20	374673	51	0	0	331158	705882
14	3	20	695819	89	1739	1538	6519	705882
15	1	20	305778	87	0	0	400017	705882
16	3	20	248555	62	1141	1490	454510	705882
17	3	20	335788	96	1096	1860	366850	705882

Type 5 #25 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	722176	72	1241	1327	475040	1200000
2	2	9	232072	57	1207	0	966607	1200000
3	2	9	735804	55	1464	0	462622	1200000
4	2	9	954601	86	1251	0	243976	1200000
5	2	9	864199	71	1226	0	334433	1200000
6	1	9	646749	64	0	0	553187	1200000
7	1	9	9255	59	0	0	1190686	1200000
8	3	9	645984	54	1190	1569	551095	1200000
9	3	9	717357	95	1145	1817	479396	1200000
10	3	9	909898	90	1669	1925	286238	1200000

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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	1003686	67	1276	0	494904	1500000
2	3	11	1084373	100	1692	1105	412530	1500000
3	2	11	1265788	50	1627	0	232485	1500000
4	3	11	1457050	74	1607	1511	39610	1500000
5	2	11	459424	81	1303	0	1039111	1500000
6	1	11	906992	69	0	0	592939	1500000
7	1	11	969643	58	0	0	530299	1500000
8	1	11	716075	82	0	0	783843	1500000

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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	363521	56	1437	0	234930	600000
2	3	13	522833	70	1504	1064	74389	600000
3	2	13	570771	81	1747	0	27320	600000
4	1	13	393555	81	0	0	206364	600000
5	1	13	307516	93	0	0	292391	600000
6	1	13	348389	98	0	0	251513	600000
7	3	13	479802	71	1330	1275	117380	600000
8	1	13	489004	58	0	0	110938	600000
9	3	13	106932	92	1660	1671	489461	600000
10	1	13	439106	100	0	0	160794	600000
11	2	13	108819	89	1602	0	489401	600000
12	1	13	91257	63	0	0	508680	600000
13	3	13	425681	69	1659	1750	170703	600000
14	2	13	493094	56	1598	0	105196	600000
15	2	13	434000	65	1343	0	164527	600000
16	1	13	442292	100	0	0	157608	600000
17	3	13	21183	59	1206	1609	575825	600000
18	1	13	56456	92	0	0	543452	600000
19	2	13	409221	77	1566	0	189059	600000
20	2	13	576352	61	1093	0	22433	600000

Type 5 #28 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	263821	71	0	0	593250	857142
2	1	9	17952	65	0	0	839125	857142
3	2	9	402017	87	1169	0	453782	857142
4	3	9	498718	84	1814	1837	354521	857142
5	1	9	566653	93	0	0	290396	857142
6	1	9	140400	75	0	0	716667	857142
7	2	9	158825	63	1760	0	696431	857142
8	1	9	518441	99	0	0	338602	857142
9	3	9	467102	100	1076	1093	387571	857142
10	3	9	32321	97	1269	1178	822083	857142
11	1	9	194308	83	0	0	662751	857142
12	2	9	654168	62	1449	0	201401	857142
13	1	9	113399	91	0	0	743652	857142
14	1	9	249675	88	0	0	607379	857142

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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	819407	71	1490	1409	510814	1333333
2	3	6	454689	90	1315	1447	875612	1333333
3	2	6	1134006	78	1226	0	197945	1333333
4	2	6	238966	93	1841	0	1092340	1333333
5	1	6	1053990	99	0	0	279244	1333333
6	1	6	293662	83	0	0	1039588	1333333
7	1	6	741769	52	0	0	591512	1333333
8	2	6	181646	90	1948	0	1149559	1333333
9	1	6	664336	52	0	0	668945	1333333

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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	209957	55	0	0	1289988	1500000
2	1	6	446187	72	0	0	1053741	1500000
3	2	6	107841	80	1523	0	1390476	1500000
4	2	6	222035	54	1318	0	1276539	1500000
5	1	6	1202505	59	0	0	297436	1500000
6	1	6	1199020	69	0	0	300911	1500000
7	2	6	121669	84	1631	0	1376532	1500000
8	2	6	167310	52	1584	0	1331002	1500000



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Type 6 #1 [Back to Summary]

#01-5674	#02-5440	#03-5571	#04-5318	#05-5692	#06-5582	#07-5323	#08-5278	#09-5716	#10-5505
#11-5448	#12-5704	#13-5321	#14-5447	#15-5428	#16-5380	#17-5502	#18-5528	#19-5414	#20-5648
#21-5282	#22-5265	#23-5299	#24-5625	#25-5703	#26-5498	#27-5588	#28-5627	#29-5474	#30-5458
#31-5386	#32-5350	#33-5524	#34-5436	#35-5689	#36-5621	#37-5405	#38-5719	#39-5465	#40-5311
#41-5320	#42-5289	#43-5253	#44-5557	#45-5433	#46-5310	#47-5403	#48-5488	#49-5426	#50-5610
#51-5656	#52-5304	#53-5646	#54-5435	#55-5292	#56-5658	#57-5393	#58-5671	#59-5342	#60-5449
#61-5720	#62-5420	#63-5533	#64-5513	#65-5368	#66-5349	#67-5437	#68-5607	#69-5487	#70-5538
#71-5698	#72-5512	#73-5313	#74-5355	#75-5580	#76-5715	#77-5261	#78-5471	#79-5444	#80-5642
#81-5345	#82-5356	#83-5457	#84-5592	#85-5532	#86-5333	#87-5429	#88-5339	#89-5396	#90-5281
#91-5489	#92-5468	#93-5632	#94-5270	#95-5317	#96-5628	#97-5495	#98-5479	#99-5442	#100-5337

Type 6 #2 [Back to Summary]

#01-5602	#02-5519	#03-5251	#04-5619	#05-5636	#06-5397	#07-5717	#08-5541	#09-5578	#10-5299
#11-5645	#12-5651	#13-5477	#14-5418	#15-5347	#16-5615	#17-5694	#18-5664	#19-5706	#20-5286
#21-5642	#22-5342	#23-5460	#24-5446	#25-5303	#26-5487	#27-5598	#28-5291	#29-5285	#30-5677
#31-5479	#32-5514	#33-5278	#34-5357	#35-5293	#36-5548	#37-5353	#38-5556	#39-5680	#40-5380
#41-5340	#42-5608	#43-5483	#44-5346	#45-5367	#46-5552	#47-5704	#48-5457	#49-5647	#50-5425
#51-5656	#52-5543	#53-5488	#54-5401	#55-5415	#56-5508	#57-5308	#58-5527	#59-5566	#60-5395
#61-5518	#62-5675	#63-5503	#64-5626	#65-5540	#66-5376	#67-5620	#68-5373	#69-5378	#70-5522
#71-5512	#72-5386	#73-5711	#74-5577	#75-5671	#76-5280	#77-5583	#78-5364	#79-5331	#80-5469
#81-5505	#82-5393	#83-5365	#84-5587	#85-5268	#86-5661	#87-5275	#88-5603	#89-5666	#90-5502
#91-5489	#92-5549	#93-5716	#94-5531	#95-5582	#96-5388	#97-5350	#98-5581	#99-5524	#100-5710

Type 6 #3 [Back to Summary]

#01-5657	#02-5579	#03-5330	#04-5374	#05-5634	#06-5518	#07-5561	#08-5635	#09-5453	#10-5381
#11-5650	#12-5665	#13-5440	#14-5340	#15-5610	#16-5373	#17-5554	#18-5644	#19-5602	#20-5606
#21-5346	#22-5267	#23-5433	#24-5593	#25-5280	#26-5693	#27-5396	#28-5425	#29-5719	#30-5528
#31-5655	#32-5252	#33-5562	#34-5348	#35-5537	#36-5654	#37-5311	#38-5718	#39-5677	#40-5474
#41-5345	#42-5367	#43-5399	#44-5529	#45-5578	#46-5548	#47-5354	#48-5621	#49-5645	#50-5456
#51-5552	#52-5431	#53-5702	#54-5640	#55-5607	#56-5636	#57-5391	#58-5455	#59-5337	#60-5669
#61-5369	#62-5384	#63-5637	#64-5647	#65-5448	#66-5646	#67-5342	#68-5334	#69-5516	#70-5684
#71-5306	#72-5556	#73-5694	#74-5376	#75-5503	#76-5706	#77-5586	#78-5619	#79-5262	#80-5449
#81-5576	#82-5490	#83-5497	#84-5502	#85-5699	#86-5465	#87-5274	#88-5642	#89-5458	#90-5618
#91-5501	#92-5570	#93-5616	#94-5258	#95-5349	#96-5687	#97-5444	#98-5468	#99-5322	#100-5661



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Type 6 #4 [Back to Summary]									
#01-5454	#02-5262	#03-5349	#04-5688	#05-5396	#06-5719	#07-5467	#08-5573	#09-5381	#10-5631
#11-5294	#12-5492	#13-5444	#14-5615	#15-5331	#16-5601	#17-5605	#18-5378	#19-5675	#20-5705
#21-5621	#22-5425	#23-5602	#24-5622	#25-5420	#26-5457	#27-5662	#28-5683	#29-5274	#30-5546
#31-5500	#32-5366	#33-5543	#34-5327	#35-5723	#36-5569	#37-5397	#38-5538	#39-5362	#40-5702
#41-5254	#42-5427	#43-5513	#44-5554	#45-5581	#46-5269	#47-5383	#48-5259	#49-5651	#50-5477
#51-5330	#52-5322	#53-5523	#54-5350	#55-5288	#56-5279	#57-5386	#58-5452	#59-5518	#60-5663
#61-5306	#62-5508	#63-5550	#64-5560	#65-5382	#66-5650	#67-5670	#68-5364	#69-5617	#70-5483
#71-5451	#72-5312	#73-5265	#74-5696	#75-5700	#76-5443	#77-5636	#78-5300	#79-5290	#80-5406
#81-5324	#82-5654	#83-5283	#84-5524	#85-5471	#86-5430	#87-5572	#88-5448	#89-5295	#90-5695
#91-5441	#92-5672	#93-5276	#94-5429	#95-5646	#96-5476	#97-5603	#98-5681	#99-5423	#100-5657

Type 6 #5 [Back to Summary]									
#01-5324	#02-5269	#03-5368	#04-5421	#05-5275	#06-5268	#07-5312	#08-5556	#09-5378	#10-5571
#11-5369	#12-5336	#13-5416	#14-5366	#15-5594	#16-5382	#17-5480	#18-5278	#19-5343	#20-5680
#21-5332	#22-5479	#23-5325	#24-5649	#25-5294	#26-5511	#27-5290	#28-5567	#29-5300	#30-5486
#31-5572	#32-5682	#33-5604	#34-5361	#35-5333	#36-5305	#37-5542	#38-5593	#39-5503	#40-5455
#41-5376	#42-5264	#43-5327	#44-5457	#45-5587	#46-5364	#47-5519	#48-5641	#49-5568	#50-5528
#51-5722	#52-5584	#53-5600	#54-5476	#55-5585	#56-5580	#57-5675	#58-5448	#59-5385	#60-5499
#61-5706	#62-5475	#63-5510	#64-5627	#65-5252	#66-5415	#67-5463	#68-5307	#69-5286	#70-5543
#71-5570	#72-5621	#73-5508	#74-5625	#75-5563	#76-5316	#77-5407	#78-5609	#79-5319	#80-5666
#81-5718	#82-5386	#83-5250	#84-5505	#85-5487	#86-5713	#87-5345	#88-5388	#89-5507	#90-5482
#91-5359	#92-5348	#93-5465	#94-5253	#95-5472	#96-5630	#97-5492	#98-5432	#99-5449	#100-5426

Type 6 #6 [Back to Summary]									
#01-5622	#02-5455	#03-5600	#04-5274	#05-5682	#06-5359	#07-5322	#08-5700	#09-5635	#10-5513
#11-5422	#12-5321	#13-5379	#14-5441	#15-5502	#16-5577	#17-5473	#18-5254	#19-5389	#20-5264
#21-5324	#22-5334	#23-5531	#24-5535	#25-5433	#26-5476	#27-5403	#28-5506	#29-5398	#30-5667
#31-5557	#32-5702	#33-5405	#34-5623	#35-5288	#36-5516	#37-5503	#38-5701	#39-5548	#40-5371
#41-5642	#42-5362	#43-5466	#44-5713	#45-5303	#46-5283	#47-5687	#48-5270	#49-5478	#50-5616
#51-5397	#52-5483	#53-5289	#54-5434	#55-5347	#56-5546	#57-5654	#58-5318	#59-5572	#60-5460
#61-5683	#62-5550	#63-5558	#64-5695	#65-5685	#66-5447	#67-5643	#68-5484	#69-5401	#70-5715
#71-5327	#72-5497	#73-5432	#74-5265	#75-5348	#76-5681	#77-5592	#78-5542	#79-5479	#80-5395
#81-5514	#82-5378	#83-5277	#84-5510	#85-5524	#86-5323	#87-5662	#88-5696	#89-5529	#90-5470
#91-5588	#92-5429	#93-5381	#94-5336	#95-5415	#96-5344	#97-5541	#98-5498	#99-5276	#100-5587



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Type 6 #7 [Back to Summary]									
#01-5365	#02-5455	#03-5594	#04-5486	#05-5540	#06-5626	#07-5295	#08-5271	#09-5334	#10-5388
#11-5676	#12-5363	#13-5566	#14-5421	#15-5674	#16-5552	#17-5518	#18-5297	#19-5428	#20-5614
#21-5509	#22-5671	#23-5684	#24-5654	#25-5378	#26-5618	#27-5361	#28-5347	#29-5575	#30-5252
#31-5401	#32-5344	#33-5513	#34-5622	#35-5281	#36-5305	#37-5511	#38-5517	#39-5694	#40-5617
#41-5277	#42-5642	#43-5610	#44-5391	#45-5522	#46-5471	#47-5590	#48-5690	#49-5387	#50-5585
#51-5550	#52-5484	#53-5317	#54-5390	#55-5321	#56-5420	#57-5496	#58-5664	#59-5356	#60-5647
#61-5508	#62-5673	#63-5423	#64-5329	#65-5713	#66-5578	#67-5572	#68-5669	#69-5386	#70-5619
#71-5288	#72-5251	#73-5330	#74-5533	#75-5584	#76-5593	#77-5308	#78-5541	#79-5383	#80-5634
#81-5275	#82-5405	#83-5691	#84-5715	#85-5429	#86-5637	#87-5276	#88-5375	#89-5546	#90-5586
#91-5528	#92-5569	#93-5410	#94-5294	#95-5355	#96-5331	#97-5468	#98-5530	#99-5406	#100-5668

Type 6 #8 [Back to Summary]									
#01-5622	#02-5647	#03-5548	#04-5491	#05-5545	#06-5550	#07-5405	#08-5507	#09-5526	#10-5450
#11-5358	#12-5680	#13-5529	#14-5446	#15-5618	#16-5356	#17-5710	#18-5429	#19-5631	#20-5321
#21-5553	#22-5445	#23-5367	#24-5523	#25-5333	#26-5439	#27-5571	#28-5282	#29-5423	#30-5503
#31-5372	#32-5500	#33-5388	#34-5438	#35-5258	#36-5351	#37-5581	#38-5443	#39-5414	#40-5604
#41-5480	#42-5494	#43-5577	#44-5341	#45-5477	#46-5584	#47-5290	#48-5686	#49-5399	#50-5721
#51-5340	#52-5284	#53-5630	#54-5323	#55-5364	#56-5422	#57-5532	#58-5272	#59-5406	#60-5352
#61-5706	#62-5374	#63-5328	#64-5271	#65-5326	#66-5592	#67-5544	#68-5338	#69-5448	#70-5518
#71-5514	#72-5524	#73-5265	#74-5280	#75-5580	#76-5307	#77-5611	#78-5274	#79-5299	#80-5489
#81-5403	#82-5620	#83-5616	#84-5435	#85-5413	#86-5339	#87-5610	#88-5313	#89-5325	#90-5570
#91-5564	#92-5562	#93-5287	#94-5311	#95-5633	#96-5363	#97-5418	#98-5559	#99-5264	#100-5634

Type 6 #9 [Back to Summary]									
#01-5289	#02-5677	#03-5493	#04-5615	#05-5461	#06-5553	#07-5268	#08-5593	#09-5481	#10-5307
#11-5546	#12-5503	#13-5701	#14-5647	#15-5680	#16-5346	#17-5489	#18-5625	#19-5587	#20-5715
#21-5706	#22-5469	#23-5264	#24-5603	#25-5682	#26-5678	#27-5474	#28-5675	#29-5385	#30-5456
#31-5619	#32-5302	#33-5256	#34-5401	#35-5440	#36-5442	#37-5364	#38-5717	#39-5691	#40-5575
#41-5319	#42-5258	#43-5552	#44-5270	#45-5263	#46-5303	#47-5573	#48-5365	#49-5358	#50-5520
#51-5588	#52-5509	#53-5684	#54-5279	#55-5634	#56-5536	#57-5659	#58-5609	#59-5652	#60-5501
#61-5325	#62-5317	#63-5450	#64-5272	#65-5408	#66-5491	#67-5495	#68-5543	#69-5447	#70-5479
#71-5705	#72-5498	#73-5655	#74-5259	#75-5642	#76-5698	#77-5637	#78-5722	#79-5585	#80-5627
#81-5353	#82-5367	#83-5565	#84-5584	#85-5592	#86-5361	#87-5342	#88-5703	#89-5484	#90-5624
#91-5504	#92-5468	#93-5311	#94-5427	#95-5505	#96-5253	#97-5524	#98-5533	#99-5578	#100-5485



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Type 6 #10 [Back to Summary]									
#01-5529	#02-5280	#03-5637	#04-5599	#05-5540	#06-5340	#07-5576	#08-5677	#09-5355	#10-5662
#11-5621	#12-5666	#13-5269	#14-5273	#15-5403	#16-5683	#17-5465	#18-5586	#19-5394	#20-5296
#21-5401	#22-5514	#23-5305	#24-5546	#25-5700	#26-5475	#27-5439	#28-5471	#29-5476	#30-5641
#31-5421	#32-5354	#33-5385	#34-5347	#35-5353	#36-5323	#37-5455	#38-5699	#39-5300	#40-5510
#41-5512	#42-5392	#43-5601	#44-5558	#45-5257	#46-5569	#47-5459	#48-5287	#49-5284	#50-5553
#51-5516	#52-5665	#53-5395	#54-5541	#55-5343	#56-5262	#57-5704	#58-5341	#59-5627	#60-5317
#61-5628	#62-5360	#63-5452	#64-5441	#65-5493	#66-5521	#67-5533	#68-5649	#69-5646	#70-5329
#71-5481	#72-5496	#73-5543	#74-5614	#75-5509	#76-5259	#77-5645	#78-5472	#79-5544	#80-5381
#81-5267	#82-5407	#83-5437	#84-5655	#85-5379	#86-5486	#87-5691	#88-5578	#89-5254	#90-5342
#91-5349	#92-5367	#93-5322	#94-5713	#95-5610	#96-5411	#97-5670	#98-5415	#99-5315	#100-5468

Type 6 #11 [Back to Summary]									
#01-5288	#02-5537	#03-5367	#04-5680	#05-5323	#06-5268	#07-5378	#08-5506	#09-5279	#10-5335
#11-5348	#12-5481	#13-5529	#14-5496	#15-5299	#16-5474	#17-5643	#18-5530	#19-5311	#20-5256
#21-5560	#22-5683	#23-5642	#24-5556	#25-5707	#26-5368	#27-5423	#28-5555	#29-5253	#30-5357
#31-5322	#32-5484	#33-5411	#34-5327	#35-5347	#36-5459	#37-5287	#38-5489	#39-5583	#40-5365
#41-5363	#42-5437	#43-5550	#44-5652	#45-5721	#46-5598	#47-5568	#48-5559	#49-5664	#50-5391
#51-5493	#52-5395	#53-5353	#54-5309	#55-5637	#56-5334	#57-5624	#58-5543	#59-5699	#60-5685
#61-5577	#62-5551	#63-5503	#64-5653	#65-5263	#66-5592	#67-5324	#68-5455	#69-5406	#70-5573
#71-5439	#72-5413	#73-5675	#74-5676	#75-5625	#76-5379	#77-5393	#78-5718	#79-5561	#80-5366
#81-5527	#82-5597	#83-5616	#84-5596	#85-5591	#86-5658	#87-5384	#88-5345	#89-5417	#90-5261
#91-5562	#92-5471	#93-5510	#94-5621	#95-5512	#96-5533	#97-5659	#98-5619	#99-5636	#100-5385

Type 6 #12 [Back to Summary]									
#01-5521	#02-5357	#03-5403	#04-5344	#05-5674	#06-5330	#07-5441	#08-5401	#09-5412	#10-5513
#11-5668	#12-5628	#13-5708	#14-5585	#15-5405	#16-5704	#17-5656	#18-5631	#19-5308	#20-5329
#21-5458	#22-5698	#23-5288	#24-5388	#25-5257	#26-5688	#27-5619	#28-5304	#29-5416	#30-5340
#31-5447	#32-5497	#33-5333	#34-5427	#35-5566	#36-5424	#37-5444	#38-5524	#39-5643	#40-5509
#41-5469	#42-5706	#43-5660	#44-5623	#45-5316	#46-5654	#47-5489	#48-5646	#49-5465	#50-5534
#51-5597	#52-5270	#53-5556	#54-5552	#55-5649	#56-5545	#57-5313	#58-5262	#59-5337	#60-5711
#61-5433	#62-5382	#63-5714	#64-5318	#65-5315	#66-5422	#67-5544	#68-5535	#69-5268	#70-5709
#71-5515	#72-5386	#73-5715	#74-5528	#75-5590	#76-5476	#77-5285	#78-5387	#79-5321	#80-5326
#81-5453	#82-5694	#83-5568	#84-5604	#85-5466	#86-5421	#87-5662	#88-5504	#89-5496	#90-5269
#91-5355	#92-5428	#93-5435	#94-5658	#95-5322	#96-5332	#97-5719	#98-5592	#99-5561	#100-5617



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Type 6 #13 [Back to Summary]									
#01-5361	#02-5680	#03-5629	#04-5479	#05-5266	#06-5462	#07-5283	#08-5278	#09-5686	#10-5425
#11-5510	#12-5652	#13-5666	#14-5259	#15-5509	#16-5460	#17-5544	#18-5357	#19-5580	#20-5619
#21-5483	#22-5292	#23-5289	#24-5724	#25-5603	#26-5340	#27-5679	#28-5306	#29-5454	#30-5513
#31-5484	#32-5418	#33-5556	#34-5423	#35-5691	#36-5496	#37-5319	#38-5337	#39-5589	#40-5252
#41-5389	#42-5636	#43-5545	#44-5324	#45-5487	#46-5427	#47-5486	#48-5422	#49-5400	#50-5590
#51-5517	#52-5612	#53-5263	#54-5664	#55-5387	#56-5323	#57-5644	#58-5631	#59-5600	#60-5654
#61-5508	#62-5706	#63-5549	#64-5421	#65-5668	#66-5341	#67-5349	#68-5493	#69-5296	#70-5264
#71-5393	#72-5457	#73-5497	#74-5578	#75-5480	#76-5573	#77-5470	#78-5693	#79-5490	#80-5428
#81-5581	#82-5511	#83-5630	#84-5594	#85-5723	#86-5599	#87-5402	#88-5617	#89-5286	#90-5620
#91-5574	#92-5407	#93-5455	#94-5662	#95-5465	#96-5403	#97-5335	#98-5366	#99-5376	#100-5391

Type 6 #14 [Back to Summary]									
#01-5328	#02-5716	#03-5378	#04-5388	#05-5446	#06-5304	#07-5366	#08-5412	#09-5434	#10-5543
#11-5576	#12-5677	#13-5393	#14-5423	#15-5322	#16-5251	#17-5326	#18-5681	#19-5430	#20-5317
#21-5657	#22-5462	#23-5461	#24-5404	#25-5414	#26-5705	#27-5721	#28-5560	#29-5357	#30-5321
#31-5490	#32-5353	#33-5564	#34-5343	#35-5350	#36-5591	#37-5381	#38-5498	#39-5401	#40-5668
#41-5489	#42-5722	#43-5441	#44-5478	#45-5290	#46-5626	#47-5269	#48-5287	#49-5590	#50-5476
#51-5334	#52-5386	#53-5666	#54-5310	#55-5471	#56-5601	#57-5519	#58-5699	#59-5698	#60-5472
#61-5306	#62-5538	#63-5299	#64-5362	#65-5303	#66-5482	#67-5372	#68-5295	#69-5324	#70-5470
#71-5604	#72-5567	#73-5541	#74-5494	#75-5569	#76-5661	#77-5270	#78-5709	#79-5363	#80-5520
#81-5684	#82-5679	#83-5694	#84-5616	#85-5713	#86-5354	#87-5418	#88-5506	#89-5608	#90-5484
#91-5329	#92-5408	#93-5524	#94-5653	#95-5612	#96-5671	#97-5664	#98-5323	#99-5420	#100-5551

Type 6 #15 [Back to Summary]									
#01-5507	#02-5697	#03-5691	#04-5375	#05-5594	#06-5497	#07-5572	#08-5433	#09-5474	#10-5526
#11-5575	#12-5524	#13-5592	#14-5437	#15-5503	#16-5349	#17-5560	#18-5409	#19-5366	#20-5678
#21-5307	#22-5597	#23-5415	#24-5568	#25-5381	#26-5444	#27-5291	#28-5605	#29-5600	#30-5614
#31-5717	#32-5671	#33-5541	#34-5533	#35-5252	#36-5711	#37-5713	#38-5566	#39-5267	#40-5460
#41-5496	#42-5700	#43-5271	#44-5326	#45-5628	#46-5520	#47-5531	#48-5322	#49-5396	#50-5501
#51-5359	#52-5500	#53-5677	#54-5455	#55-5481	#56-5639	#57-5527	#58-5368	#59-5716	#60-5394
#61-5449	#62-5694	#63-5561	#64-5590	#65-5532	#66-5629	#67-5705	#68-5301	#69-5428	#70-5512
#71-5356	#72-5715	#73-5388	#74-5630	#75-5418	#76-5328	#77-5571	#78-5334	#79-5663	#80-5582
#81-5635	#82-5689	#83-5441	#84-5332	#85-5487	#86-5453	#87-5718	#88-5325	#89-5294	#90-5335
#91-5425	#92-5588	#93-5577	#94-5591	#95-5259	#96-5523	#97-5380	#98-5399	#99-5511	#100-5724



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Type 6 #16 [Back to Summary]									
#01-5543	#02-5479	#03-5612	#04-5607	#05-5391	#06-5371	#07-5359	#08-5299	#09-5284	#10-5404
#11-5315	#12-5442	#13-5433	#14-5383	#15-5493	#16-5489	#17-5501	#18-5475	#19-5343	#20-5324
#21-5639	#22-5626	#23-5255	#24-5349	#25-5336	#26-5505	#27-5390	#28-5533	#29-5623	#30-5624
#31-5675	#32-5421	#33-5551	#34-5670	#35-5289	#36-5409	#37-5331	#38-5571	#39-5674	#40-5376
#41-5352	#42-5668	#43-5297	#44-5622	#45-5273	#46-5718	#47-5414	#48-5452	#49-5355	#50-5506
#51-5282	#52-5642	#53-5310	#54-5450	#55-5341	#56-5650	#57-5478	#58-5521	#59-5528	#60-5620
#61-5711	#62-5562	#63-5410	#64-5394	#65-5461	#66-5625	#67-5617	#68-5494	#69-5340	#70-5332
#71-5411	#72-5658	#73-5534	#74-5697	#75-5700	#76-5694	#77-5575	#78-5361	#79-5320	#80-5344
#81-5338	#82-5666	#83-5430	#84-5374	#85-5587	#86-5279	#87-5363	#88-5356	#89-5580	#90-5375
#91-5660	#92-5547	#93-5293	#94-5301	#95-5398	#96-5523	#97-5517	#98-5637	#99-5425	#100-5385

Type 6 #17 [Back to Summary]									
#01-5350	#02-5644	#03-5355	#04-5268	#05-5344	#06-5357	#07-5364	#08-5340	#09-5473	#10-5375
#11-5322	#12-5368	#13-5445	#14-5433	#15-5534	#16-5294	#17-5390	#18-5285	#19-5533	#20-5429
#21-5518	#22-5521	#23-5639	#24-5698	#25-5406	#26-5591	#27-5611	#28-5480	#29-5560	#30-5436
#31-5438	#32-5666	#33-5672	#34-5673	#35-5718	#36-5421	#37-5563	#38-5405	#39-5275	#40-5486
#41-5648	#42-5265	#43-5608	#44-5460	#45-5297	#46-5548	#47-5352	#48-5595	#49-5502	#50-5342
#51-5386	#52-5479	#53-5358	#54-5717	#55-5593	#56-5564	#57-5256	#58-5385	#59-5597	#60-5487
#61-5475	#62-5617	#63-5514	#64-5288	#65-5665	#66-5387	#67-5422	#68-5500	#69-5441	#70-5360
#71-5464	#72-5705	#73-5259	#74-5298	#75-5509	#76-5503	#77-5637	#78-5432	#79-5655	#80-5586
#81-5491	#82-5264	#83-5702	#84-5465	#85-5300	#86-5685	#87-5565	#88-5679	#89-5328	#90-5410
#91-5414	#92-5430	#93-5544	#94-5527	#95-5260	#96-5286	#97-5490	#98-5575	#99-5528	#100-5641

Type 6 #18 [Back to Summary]									
#01-5374	#02-5582	#03-5407	#04-5389	#05-5610	#06-5404	#07-5466	#08-5308	#09-5467	#10-5343
#11-5652	#12-5553	#13-5457	#14-5259	#15-5721	#16-5456	#17-5635	#18-5298	#19-5715	#20-5704
#21-5550	#22-5469	#23-5414	#24-5276	#25-5671	#26-5282	#27-5418	#28-5468	#29-5287	#30-5472
#31-5263	#32-5318	#33-5637	#34-5264	#35-5461	#36-5628	#37-5584	#38-5564	#39-5577	#40-5619
#41-5471	#42-5502	#43-5460	#44-5709	#45-5486	#46-5586	#47-5694	#48-5528	#49-5523	#50-5530
#51-5372	#52-5429	#53-5578	#54-5538	#55-5335	#56-5634	#57-5415	#58-5377	#59-5439	#60-5579
#61-5711	#62-5250	#63-5274	#64-5724	#65-5330	#66-5589	#67-5643	#68-5441	#69-5525	#70-5342
#71-5600	#72-5322	#73-5446	#74-5347	#75-5492	#76-5303	#77-5255	#78-5428	#79-5521	#80-5338
#81-5313	#82-5617	#83-5668	#84-5487	#85-5344	#86-5559	#87-5464	#88-5352	#89-5656	#90-5554
#91-5459	#92-5451	#93-5370	#94-5723	#95-5636	#96-5474	#97-5481	#98-5462	#99-5632	#100-5623



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Type 6 #19 [Back to Summary]									
#01-5668	#02-5501	#03-5251	#04-5430	#05-5655	#06-5303	#07-5709	#08-5479	#09-5299	#10-5284
#11-5625	#12-5713	#13-5583	#14-5356	#15-5515	#16-5349	#17-5311	#18-5517	#19-5632	#20-5498
#21-5374	#22-5543	#23-5516	#24-5699	#25-5607	#26-5394	#27-5676	#28-5447	#29-5438	#30-5271
#31-5553	#32-5519	#33-5525	#34-5622	#35-5392	#36-5535	#37-5611	#38-5482	#39-5551	#40-5287
#41-5572	#42-5707	#43-5300	#44-5618	#45-5649	#46-5466	#47-5592	#48-5264	#49-5455	#50-5531
#51-5405	#52-5684	#53-5554	#54-5377	#55-5493	#56-5372	#57-5711	#58-5275	#59-5546	#60-5507
#61-5350	#62-5506	#63-5290	#64-5278	#65-5452	#66-5358	#67-5436	#68-5686	#69-5687	#70-5704
#71-5458	#72-5549	#73-5689	#74-5595	#75-5650	#76-5385	#77-5486	#78-5620	#79-5304	#80-5384
#81-5524	#82-5660	#83-5716	#84-5630	#85-5585	#86-5589	#87-5685	#88-5389	#89-5368	#90-5265
#91-5545	#92-5582	#93-5661	#94-5289	#95-5657	#96-5313	#97-5665	#98-5270	#99-5409	#100-5536

Type 6 #20 [Back to Summary]									
#01-5281	#02-5632	#03-5304	#04-5479	#05-5322	#06-5585	#07-5719	#08-5683	#09-5452	#10-5361
#11-5608	#12-5339	#13-5698	#14-5410	#15-5710	#16-5416	#17-5520	#18-5383	#19-5414	#20-5588
#21-5393	#22-5294	#23-5561	#24-5668	#25-5406	#26-5599	#27-5609	#28-5650	#29-5658	#30-5587
#31-5445	#32-5469	#33-5459	#34-5486	#35-5352	#36-5618	#37-5605	#38-5485	#39-5556	#40-5253
#41-5596	#42-5256	#43-5666	#44-5264	#45-5380	#46-5460	#47-5613	#48-5503	#49-5303	#50-5495
#51-5515	#52-5534	#53-5579	#54-5546	#55-5394	#56-5712	#57-5319	#58-5356	#59-5321	#60-5443
#61-5701	#62-5316	#63-5273	#64-5583	#65-5641	#66-5387	#67-5603	#68-5462	#69-5305	#70-5342
#71-5532	#72-5284	#73-5547	#74-5411	#75-5715	#76-5388	#77-5353	#78-5548	#79-5537	#80-5673
#81-5711	#82-5354	#83-5597	#84-5417	#85-5326	#86-5637	#87-5615	#88-5638	#89-5337	#90-5368
#91-5544	#92-5498	#93-5415	#94-5365	#95-5275	#96-5528	#97-5705	#98-5330	#99-5348	#100-5718

Type 6 #21 [Back to Summary]									
#01-5581	#02-5399	#03-5448	#04-5686	#05-5687	#06-5479	#07-5712	#08-5420	#09-5557	#10-5258
#11-5607	#12-5497	#13-5544	#14-5373	#15-5457	#16-5596	#17-5443	#18-5584	#19-5509	#20-5254
#21-5500	#22-5692	#23-5370	#24-5661	#25-5518	#26-5283	#27-5598	#28-5429	#29-5380	#30-5432
#31-5403	#32-5273	#33-5447	#34-5545	#35-5337	#36-5565	#37-5633	#38-5637	#39-5452	#40-5571
#41-5649	#42-5436	#43-5324	#44-5328	#45-5484	#46-5298	#47-5678	#48-5287	#49-5631	#50-5402
#51-5333	#52-5369	#53-5547	#54-5344	#55-5469	#56-5616	#57-5275	#58-5513	#59-5415	#60-5656
#61-5610	#62-5530	#63-5290	#64-5372	#65-5579	#66-5588	#67-5301	#68-5252	#69-5286	#70-5624
#71-5694	#72-5535	#73-5382	#74-5667	#75-5331	#76-5312	#77-5618	#78-5295	#79-5428	#80-5473
#81-5334	#82-5562	#83-5528	#84-5705	#85-5352	#86-5281	#87-5456	#88-5356	#89-5327	#90-5458
#91-5541	#92-5375	#93-5475	#94-5527	#95-5691	#96-5371	#97-5405	#98-5680	#99-5483	#100-5629



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Type 6 #22 [Back to Summary]									
#01-5724	#02-5674	#03-5250	#04-5262	#05-5441	#06-5524	#07-5715	#08-5605	#09-5265	#10-5405
#11-5723	#12-5704	#13-5334	#14-5668	#15-5570	#16-5298	#17-5253	#18-5315	#19-5277	#20-5544
#21-5385	#22-5667	#23-5647	#24-5557	#25-5336	#26-5568	#27-5319	#28-5582	#29-5698	#30-5684
#31-5631	#32-5656	#33-5535	#34-5521	#35-5468	#36-5380	#37-5555	#38-5510	#39-5505	#40-5546
#41-5292	#42-5567	#43-5343	#44-5641	#45-5449	#46-5551	#47-5287	#48-5515	#49-5673	#50-5636
#51-5367	#52-5340	#53-5650	#54-5654	#55-5484	#56-5304	#57-5275	#58-5415	#59-5649	#60-5592
#61-5455	#62-5384	#63-5625	#64-5303	#65-5490	#66-5316	#67-5416	#68-5526	#69-5448	#70-5439
#71-5460	#72-5459	#73-5523	#74-5445	#75-5500	#76-5537	#77-5583	#78-5256	#79-5358	#80-5497
#81-5533	#82-5516	#83-5630	#84-5311	#85-5573	#86-5547	#87-5258	#88-5609	#89-5289	#90-5414
#91-5359	#92-5394	#93-5590	#94-5640	#95-5345	#96-5633	#97-5666	#98-5291	#99-5400	#100-5390

Type 6 #23 [Back to Summary]									
#01-5390	#02-5481	#03-5320	#04-5484	#05-5429	#06-5631	#07-5538	#08-5455	#09-5402	#10-5678
#11-5446	#12-5268	#13-5307	#14-5403	#15-5312	#16-5664	#17-5478	#18-5574	#19-5458	#20-5674
#21-5304	#22-5534	#23-5496	#24-5282	#25-5337	#26-5319	#27-5602	#28-5613	#29-5359	#30-5598
#31-5601	#32-5544	#33-5581	#34-5695	#35-5362	#36-5301	#37-5450	#38-5399	#39-5609	#40-5666
#41-5259	#42-5528	#43-5456	#44-5336	#45-5699	#46-5340	#47-5338	#48-5436	#49-5580	#50-5406
#51-5409	#52-5345	#53-5561	#54-5457	#55-5333	#56-5587	#57-5714	#58-5285	#59-5398	#60-5365
#61-5279	#62-5653	#63-5351	#64-5536	#65-5328	#66-5634	#67-5420	#68-5344	#69-5290	#70-5257
#71-5474	#72-5329	#73-5693	#74-5522	#75-5665	#76-5510	#77-5327	#78-5416	#79-5311	#80-5723
#81-5708	#82-5423	#83-5280	#84-5681	#85-5448	#86-5515	#87-5709	#88-5383	#89-5614	#90-5511
#91-5315	#92-5419	#93-5251	#94-5503	#95-5637	#96-5341	#97-5439	#98-5649	#99-5255	#100-5318

Type 6 #24 [Back to Summary]									
#01-5648	#02-5720	#03-5392	#04-5568	#05-5662	#06-5327	#07-5375	#08-5290	#09-5513	#10-5554
#11-5504	#12-5553	#13-5700	#14-5398	#15-5377	#16-5591	#17-5618	#18-5391	#19-5340	#20-5544
#21-5644	#22-5284	#23-5455	#24-5510	#25-5669	#26-5302	#27-5324	#28-5446	#29-5607	#30-5579
#31-5322	#32-5406	#33-5403	#34-5719	#35-5323	#36-5711	#37-5270	#38-5439	#39-5265	#40-5362
#41-5383	#42-5667	#43-5589	#44-5304	#45-5723	#46-5486	#47-5437	#48-5577	#49-5366	#50-5292
#51-5443	#52-5285	#53-5557	#54-5438	#55-5400	#56-5614	#57-5517	#58-5608	#59-5627	#60-5611
#61-5252	#62-5655	#63-5412	#64-5659	#65-5481	#66-5351	#67-5407	#68-5704	#69-5321	#70-5393
#71-5569	#72-5434	#73-5376	#74-5703	#75-5420	#76-5699	#77-5426	#78-5404	#79-5516	#80-5441
#81-5593	#82-5477	#83-5330	#84-5565	#85-5388	#86-5283	#87-5575	#88-5690	#89-5573	#90-5445
#91-5456	#92-5387	#93-5537	#94-5378	#95-5355	#96-5461	#97-5512	#98-5656	#99-5548	#100-5625



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#01-5332	#02-5455	#03-5504	#04-5700	#05-5447	#06-5257	#07-5635	#08-5575	#09-5270	#10-5418
#11-5440	#12-5363	#13-5342	#14-5443	#15-5268	#16-5508	#17-5577	#18-5570	#19-5521	#20-5444
#21-5503	#22-5434	#23-5382	#24-5614	#25-5670	#26-5427	#27-5622	#28-5720	#29-5598	#30-5688
#31-5442	#32-5492	#33-5580	#34-5618	#35-5348	#36-5385	#37-5694	#38-5352	#39-5365	#40-5380
#41-5375	#42-5723	#43-5672	#44-5404	#45-5721	#46-5329	#47-5296	#48-5341	#49-5361	#50-5581
#51-5602	#52-5663	#53-5388	#54-5353	#55-5370	#56-5624	#57-5317	#58-5619	#59-5281	#60-5269
#61-5364	#62-5641	#63-5702	#64-5304	#65-5697	#66-5671	#67-5512	#68-5457	#69-5338	#70-5604
#71-5535	#72-5474	#73-5458	#74-5391	#75-5312	#76-5507	#77-5490	#78-5703	#79-5611	#80-5583
#81-5383	#82-5527	#83-5606	#84-5265	#85-5333	#86-5505	#87-5355	#88-5477	#89-5498	#90-5459
#91-5311	#92-5322	#93-5319	#94-5346	#95-5267	#96-5470	#97-5272	#98-5621	#99-5435	#100-5297

Type 6 #26 [Back to Summary]									
#01-5550	#02-5572	#03-5253	#04-5482	#05-5295	#06-5382	#07-5463	#08-5250	#09-5290	#10-5594
#11-5386	#12-5346	#13-5257	#14-5426	#15-5617	#16-5565	#17-5285	#18-5686	#19-5695	#20-5448
#21-5569	#22-5288	#23-5679	#24-5613	#25-5539	#26-5459	#27-5399	#28-5357	#29-5368	#30-5581
#31-5485	#32-5599	#33-5522	#34-5564	#35-5284	#36-5533	#37-5520	#38-5375	#39-5700	#40-5680
#41-5293	#42-5355	#43-5435	#44-5633	#45-5321	#46-5697	#47-5323	#48-5627	#49-5458	#50-5432
#51-5430	#52-5313	#53-5649	#54-5711	#55-5457	#56-5514	#57-5620	#58-5367	#59-5667	#60-5560
#61-5710	#62-5359	#63-5608	#64-5437	#65-5360	#66-5512	#67-5547	#68-5416	#69-5391	#70-5331
#71-5294	#72-5637	#73-5714	#74-5265	#75-5408	#76-5468	#77-5580	#78-5302	#79-5544	#80-5573
#81-5390	#82-5500	#83-5626	#84-5662	#85-5401	#86-5422	#87-5674	#88-5535	#89-5354	#90-5495
#91-5642	#92-5405	#93-5434	#94-5385	#95-5696	#96-5657	#97-5474	#98-5723	#99-5519	#100-5530

Type 6 #27 [Back to Summary]									
#01-5397	#02-5628	#03-5484	#04-5375	#05-5387	#06-5521	#07-5323	#08-5632	#09-5554	#10-5717
#11-5661	#12-5567	#13-5546	#14-5346	#15-5423	#16-5459	#17-5460	#18-5673	#19-5285	#20-5664
#21-5563	#22-5261	#23-5308	#24-5619	#25-5415	#26-5612	#27-5451	#28-5576	#29-5293	#30-5475
#31-5716	#32-5580	#33-5504	#34-5262	#35-5420	#36-5485	#37-5265	#38-5497	#39-5524	#40-5604
#41-5345	#42-5294	#43-5707	#44-5364	#45-5558	#46-5321	#47-5584	#48-5334	#49-5688	#50-5483
#51-5444	#52-5525	#53-5685	#54-5583	#55-5693	#56-5383	#57-5569	#58-5591	#59-5683	#60-5496
#61-5315	#62-5469	#63-5588	#64-5328	#65-5250	#66-5332	#67-5312	#68-5535	#69-5651	#70-5663
#71-5442	#72-5690	#73-5399	#74-5407	#75-5565	#76-5517	#77-5278	#78-5669	#79-5310	#80-5347
#81-5282	#82-5371	#83-5614	#84-5533	#85-5277	#86-5441	#87-5622	#88-5649	#89-5296	#90-5287
#91-5641	#92-5402	#93-5536	#94-5273	#95-5538	#96-5601	#97-5431	#98-5631	#99-5366	#100-5476



Title: MikroTiks SIA RBD23UGS-5HPacD2HnD-NM-US,
RBD22UGS-5HPacD2HnD-15S-US
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: MIKO101-U17 DFS Rev A

Type 6 #28 [Back to Summary]									
#01-5258	#02-5295	#03-5409	#04-5275	#05-5290	#06-5484	#07-5376	#08-5529	#09-5265	#10-5426
#11-5358	#12-5627	#13-5531	#14-5592	#15-5469	#16-5674	#17-5587	#18-5305	#19-5303	#20-5536
#21-5440	#22-5391	#23-5495	#24-5617	#25-5274	#26-5299	#27-5406	#28-5379	#29-5601	#30-5694
#31-5342	#32-5380	#33-5559	#34-5565	#35-5338	#36-5713	#37-5687	#38-5590	#39-5498	#40-5523
#41-5322	#42-5346	#43-5638	#44-5600	#45-5658	#46-5263	#47-5602	#48-5672	#49-5534	#50-5589
#51-5262	#52-5383	#53-5578	#54-5555	#55-5291	#56-5598	#57-5526	#58-5516	#59-5250	#60-5718
#61-5333	#62-5723	#63-5656	#64-5301	#65-5337	#66-5704	#67-5325	#68-5691	#69-5502	#70-5477
#71-5709	#72-5722	#73-5530	#74-5500	#75-5461	#76-5351	#77-5476	#78-5621	#79-5681	#80-5260
#81-5424	#82-5455	#83-5568	#84-5256	#85-5677	#86-5683	#87-5519	#88-5724	#89-5517	#90-5462
#91-5433	#92-5417	#93-5585	#94-5499	#95-5441	#96-5324	#97-5412	#98-5586	#99-5511	#100-5671

Type 6 #29 [Back to Summary]									
#01-5668	#02-5631	#03-5416	#04-5303	#05-5602	#06-5265	#07-5570	#08-5326	#09-5344	#10-5669
#11-5367	#12-5633	#13-5558	#14-5716	#15-5542	#16-5595	#17-5404	#18-5647	#19-5342	#20-5373
#21-5433	#22-5320	#23-5421	#24-5287	#25-5294	#26-5541	#27-5387	#28-5278	#29-5311	#30-5396
#31-5659	#32-5617	#33-5358	#34-5256	#35-5318	#36-5517	#37-5290	#38-5515	#39-5384	#40-5666
#41-5369	#42-5454	#43-5632	#44-5580	#45-5354	#46-5527	#47-5584	#48-5598	#49-5686	#50-5569
#51-5643	#52-5489	#53-5494	#54-5395	#55-5493	#56-5597	#57-5464	#58-5381	#59-5258	#60-5312
#61-5608	#62-5544	#63-5266	#64-5680	#65-5260	#66-5475	#67-5529	#68-5554	#69-5653	#70-5280
#71-5559	#72-5619	#73-5518	#74-5408	#75-5259	#76-5711	#77-5422	#78-5566	#79-5667	#80-5492
#81-5689	#82-5510	#83-5324	#84-5465	#85-5474	#86-5424	#87-5375	#88-5693	#89-5487	#90-5445
#91-5305	#92-5638	#93-5506	#94-5321	#95-5310	#96-5548	#97-5436	#98-5684	#99-5573	#100-5605

Type 6 #30 [Back to Summary]									
#01-5722	#02-5280	#03-5671	#04-5653	#05-5261	#06-5276	#07-5693	#08-5342	#09-5384	#10-5508
#11-5432	#12-5620	#13-5441	#14-5489	#15-5351	#16-5341	#17-5473	#18-5527	#19-5451	#20-5565
#21-5352	#22-5564	#23-5314	#24-5457	#25-5700	#26-5646	#27-5361	#28-5452	#29-5344	#30-5438
#31-5531	#32-5463	#33-5720	#34-5309	#35-5500	#36-5654	#37-5569	#38-5392	#39-5454	#40-5449
#41-5450	#42-5282	#43-5559	#44-5704	#45-5262	#46-5406	#47-5445	#48-5266	#49-5690	#50-5689
#51-5324	#52-5631	#53-5484	#54-5254	#55-5506	#56-5409	#57-5688	#58-5471	#59-5677	#60-5338
#61-5638	#62-5498	#63-5721	#64-5666	#65-5705	#66-5692	#67-5619	#68-5378	#69-5715	#70-5418
#71-5503	#72-5328	#73-5320	#74-5250	#75-5366	#76-5317	#77-5257	#78-5335	#79-5444	#80-5547
#81-5459	#82-5347	#83-5491	#84-5380	#85-5368	#86-5616	#87-5703	#88-5713	#89-5539	#90-5337
#91-5681	#92-5354	#93-5436	#94-5369	#95-5541	#96-5674	#97-5287	#98-5608	#99-5723	#100-5293

Type 5 #1 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	7	153995	99	1728	0	444079	600000
2	2	7	296954	95	1434	0	301422	600000
3	2	7	517373	50	1466	0	81061	600000
4	1	7	394216	51	0	0	205733	600000
5	2	7	18140	88	1185	0	580499	600000
6	1	7	208355	60	0	0	391585	600000
7	3	7	336792	51	1773	1128	260154	600000
8	3	7	497947	95	1748	1630	98390	600000
9	3	7	276216	99	1846	1237	320404	600000
10	2	7	559904	73	1442	0	38508	600000
11	1	7	245137	98	0	0	354765	600000
12	1	7	257476	89	0	0	342435	600000
13	1	7	289420	67	0	0	310513	600000
14	3	7	554785	86	1413	1405	42139	600000
15	3	7	494666	78	1396	1737	101967	600000
16	3	7	386972	67	1961	1330	209536	600000
17	3	7	104752	96	1322	1101	492537	600000
18	1	7	62654	57	0	0	537289	600000
19	1	7	293763	60	0	0	306177	600000
20	1	7	310065	74	0	0	289861	600000

Type 5 #2 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	2	6	531054	72	1131	0	324813	857142
2	3	6	439294	91	1367	1854	414354	857142
3	2	6	204208	58	1593	0	651225	857142
4	1	6	749687	88	0	0	107367	857142
5	2	6	555519	59	1280	0	300225	857142
6	1	6	37805	59	0	0	819278	857142
7	2	6	209283	100	1291	0	646368	857142
8	2	6	459383	57	1043	0	396602	857142
9	3	6	833344	64	1684	1347	20575	857142
10	2	6	41167	66	1559	0	814284	857142
11	3	6	293291	95	1168	1592	560806	857142
12	1	6	275462	90	0	0	581590	857142
13	2	6	353406	69	1322	0	502276	857142
14	1	6	24867	59	0	0	832216	857142

Type 5 #3 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	14	724292	93	1233	1360	22836	750000
2	2	14	72219	53	1996	0	675679	750000
3	1	14	166148	93	0	0	583759	750000
4	3	14	679074	62	1730	1215	67795	750000
5	2	14	264907	50	1634	0	483359	750000
6	2	14	247533	77	1383	0	500930	750000
7	3	14	700058	76	1002	1759	46953	750000
8	2	14	234214	91	1353	0	514251	750000
9	1	14	75011	85	0	0	674904	750000
10	2	14	709841	62	1808	0	38227	750000
11	3	14	624913	100	1576	1682	121529	750000
12	2	14	73420	80	1749	0	674671	750000
13	3	14	632762	57	1319	1408	114340	750000
14	3	14	645680	86	1033	1810	101219	750000
15	1	14	243090	80	0	0	506830	750000
16	1	14	126846	83	0	0	623071	750000

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	20	252397	65	0	0	497538	750000
2	3	20	137681	53	1801	1921	608438	750000
3	2	20	253159	96	1494	0	495155	750000
4	1	20	674302	100	0	0	75598	750000
5	1	20	316447	76	0	0	433477	750000
6	2	20	287316	64	1956	0	460600	750000
7	2	20	538465	66	1236	0	210167	750000
8	2	20	522456	76	1607	0	225785	750000
9	3	20	637559	92	1061	1135	109969	750000
10	3	20	479116	70	1157	1507	268010	750000
11	2	20	315329	89	1623	0	432870	750000
12	1	20	41032	94	0	0	708874	750000
13	3	20	708798	66	1417	1545	38042	750000
14	2	20	548162	59	1830	0	199890	750000
15	1	20	41650	65	0	0	708285	750000
16	1	20	428631	69	0	0	321300	750000

Type 5 #5 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	3	16	231562	73	1175	1162	565882	800000
2	3	16	514654	96	1643	1106	282309	800000
3	2	16	175713	83	1904	0	622217	800000
4	1	16	498043	77	0	0	301880	800000
5	1	16	385616	81	0	0	414303	800000
6	1	16	474061	55	0	0	325884	800000
7	1	16	693110	53	0	0	106837	800000
8	3	16	467764	67	1479	1395	329161	800000
9	3	16	431849	50	1101	1656	365244	800000
10	2	16	137800	90	1467	0	660553	800000
11	2	16	91176	73	1704	0	706974	800000
12	3	16	142381	93	1609	1682	654049	800000
13	2	16	336354	66	1459	0	462055	800000
14	3	16	153405	89	1318	1424	643586	800000
15	3	16	447213	93	1095	1520	349893	800000

Type 5 #6 5524 [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	521200	80	1390	0	227250	750000
2	2	11	283346	81	1787	0	464705	750000
3	2	11	15256	80	1777	0	732807	750000
4	1	11	111497	83	0	0	638420	750000
5	1	11	547532	59	0	0	202409	750000
6	3	11	435539	68	1594	1506	311157	750000
7	2	11	678954	99	1534	0	69314	750000
8	3	11	665066	71	1030	1365	82326	750000
9	3	11	377854	60	1846	1363	368757	750000
10	3	11	171299	60	1540	1906	575075	750000
11	2	11	657664	70	1237	0	90959	750000
12	2	11	242766	52	1101	0	506029	750000
13	1	11	731833	86	0	0	18081	750000
14	3	11	212723	94	1271	1596	534128	750000
15	3	11	273250	63	1440	1979	473142	750000
16	2	11	567935	93	1851	0	180028	750000

Type 5 #7 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	15	964160	77	1500	1308	32801	1000000
2	2	15	362992	100	1129	0	635679	1000000
3	3	15	117229	94	1935	1944	878610	1000000
4	1	15	258885	62	0	0	741053	1000000
5	2	15	250213	76	1008	0	748627	1000000
6	2	15	673979	78	1528	0	324337	1000000
7	3	15	588808	72	1203	1418	408355	1000000
8	3	15	483690	97	1295	1960	512764	1000000
9	2	15	366817	58	1163	0	631904	1000000
10	3	15	411511	93	1110	1434	585666	1000000
11	2	15	101886	70	1035	0	896939	1000000
12	3	15	277163	67	1915	1472	719249	1000000

Type 5 #8 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	1	8	415	68	0	0	631095	631578
2	1	8	537163	99	0	0	94316	631578
3	1	8	475360	63	0	0	156155	631578
4	3	8	500192	69	1240	1136	128803	631578
5	1	8	553182	50	0	0	78346	631578
6	1	8	320624	98	0	0	310856	631578
7	3	8	535260	56	1734	1922	92494	631578
8	3	8	259167	82	1969	1071	369125	631578
9	1	8	406625	71	0	0	224882	631578
10	1	8	103346	73	0	0	528159	631578
11	3	8	550610	63	1037	1290	78452	631578
12	2	8	99491	94	1127	0	530772	631578
13	3	8	72892	98	1773	1131	555488	631578
14	1	8	526761	98	0	0	104719	631578
15	1	8	175178	70	0	0	456330	631578
16	2	8	288214	83	1609	0	341589	631578
17	3	8	367099	87	1866	1882	260470	631578
18	1	8	277712	72	0	0	353794	631578
19	2	8	577372	51	1506	0	52598	631578

Type 5 #9 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	13	509525	75	1682	1331	87237	600000
2	3	13	482476	50	1586	1210	114578	600000
3	3	13	42123	73	1417	1123	555118	600000
4	2	13	311611	94	1672	0	286529	600000
5	1	13	425630	90	0	0	174280	600000
6	1	13	183723	70	0	0	416207	600000
7	1	13	527427	55	0	0	72518	600000
8	1	13	559802	59	0	0	40139	600000
9	3	13	287903	61	1430	1128	309356	600000
10	1	13	298718	92	0	0	301190	600000
11	3	13	510696	69	1287	1738	86072	600000
12	2	13	146501	100	1638	0	451661	600000
13	1	13	252092	81	0	0	347827	600000
14	3	13	109528	78	1704	1740	486794	600000
15	3	13	144643	76	1139	1816	452174	600000
16	1	13	339215	64	0	0	260721	600000
17	3	13	10858	73	1758	1662	585503	600000
18	2	13	148353	100	1076	0	450371	600000
19	2	13	367573	50	1687	0	230640	600000
20	3	13	57056	86	1324	1925	539437	600000

Type 5 #10 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	19	99519	81	1253	0	1232399	1333333
2	3	19	844390	78	1687	1858	485164	1333333
3	3	19	1245664	99	1711	1664	83997	1333333
4	2	19	31551	75	1453	0	1300179	1333333
5	2	19	47875	79	1968	0	1283332	1333333
6	2	19	1235464	89	1444	0	96247	1333333
7	3	19	734486	83	1520	1464	595614	1333333
8	2	19	1006755	52	1133	0	325341	1333333
9	3	19	574726	53	1438	1955	755055	1333333

Type 5 #11 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	16	308084	59	1684	0	395996	705882
2	3	16	497787	98	1905	1414	204482	705882
3	1	16	141342	65	0	0	564475	705882
4	1	16	329208	69	0	0	376605	705882
5	1	16	379419	66	0	0	326397	705882
6	2	16	116023	76	1684	0	588023	705882
7	2	16	124177	53	1442	0	580157	705882
8	3	16	25186	53	1268	1407	677862	705882
9	1	16	240760	59	0	0	465063	705882
10	3	16	163165	68	1422	1649	539442	705882
11	1	16	625931	100	0	0	79851	705882
12	2	16	133319	68	1180	0	571247	705882
13	1	16	560452	88	0	0	145342	705882
14	2	16	592388	67	1647	0	111713	705882
15	2	16	395665	56	1932	0	308173	705882
16	3	16	525154	68	1142	1327	178055	705882
17	1	16	418550	55	0	0	287277	705882

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	2	17	468000	95	1610	0	280200	750000
2	1	17	324784	69	0	0	425147	750000
3	3	17	378602	57	1235	1582	368410	750000
4	1	17	456951	79	0	0	292970	750000
5	2	17	685633	61	1042	0	63203	750000
6	1	17	94073	54	0	0	655873	750000
7	3	17	29072	77	1276	1698	717723	750000
8	3	17	450877	61	1322	1515	296103	750000
9	3	17	666932	88	1895	1938	78971	750000
10	2	17	348566	86	1086	0	400176	750000
11	2	17	418885	67	1164	0	329817	750000
12	2	17	423239	85	1157	0	325434	750000
13	1	17	537555	76	0	0	212369	750000
14	2	17	206614	90	1543	0	541663	750000
15	3	17	355112	52	1496	1006	392230	750000
16	1	17	126752	66	0	0	623182	750000

Type 5 #13 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	15	887412	64	1470	0	610990	1500000
2	2	15	1053849	68	1403	0	444612	1500000
3	1	15	227312	100	0	0	1272588	1500000
4	1	15	1216827	100	0	0	283073	1500000
5	2	15	907020	70	1143	0	591697	1500000
6	1	15	571870	70	0	0	928060	1500000
7	3	15	1251149	99	1567	1226	245761	1500000
8	1	15	110037	54	0	0	1389909	1500000

Type 5 #14 5520 [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	95906	62	1154	1091	1234996	1333333
2	2	20	876615	93	1228	0	455304	1333333
3	2	20	1020929	51	1672	0	310630	1333333
4	1	20	582298	62	0	0	750973	1333333
5	2	20	192302	74	1934	0	1138949	1333333
6	1	20	990491	79	0	0	342763	1333333
7	1	20	66561	65	0	0	1266707	1333333
8	2	20	310342	88	1853	0	1020962	1333333
9	1	20	950874	96	0	0	382363	1333333

Type 5 #15 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	984374	82	1416	1107	512857	1500000
2	2	18	1421518	69	1308	0	77036	1500000
3	1	18	168876	75	0	0	1331049	1500000
4	1	18	666862	63	0	0	833075	1500000
5	2	18	51494	97	1522	0	1446790	1500000
6	1	18	1138685	73	0	0	361242	1500000
7	2	18	1483653	60	1981	0	14246	1500000
8	3	18	570908	60	1106	1711	926095	1500000

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	655533	71	0	0	435305	1090909
2	3	9	1007719	73	1231	1140	80600	1090909
3	1	9	86625	56	0	0	1004228	1090909
4	3	9	16273	80	1739	1901	1070756	1090909
5	2	9	6443	55	1766	0	1082590	1090909
6	2	9	856210	53	1566	0	233027	1090909
7	2	9	996673	99	1247	0	92791	1090909
8	1	9	636563	67	0	0	454279	1090909
9	3	9	37204	88	1420	1574	1050447	1090909
10	3	9	142713	66	1115	1503	945380	1090909
11	2	9	228	72	1246	0	1089291	1090909

Type 5 #17 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	1	15	200055	82	0	0	799863	1000000
2	3	15	578749	82	1166	1848	417991	1000000
3	1	15	968463	67	0	0	31470	1000000
4	2	15	62886	99	1429	0	935487	1000000
5	3	15	531492	53	1262	1655	465432	1000000
6	1	15	374138	93	0	0	625769	1000000
7	1	15	372619	78	0	0	627303	1000000
8	1	15	435681	66	0	0	564253	1000000
9	3	15	527243	55	1695	1950	468947	1000000
10	2	15	931758	57	1095	0	67033	1000000
11	2	15	442067	85	1817	0	555946	1000000
12	2	15	281903	80	1827	0	716110	1000000

Type 5 #18 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	7	155667	62	0	0	701413	857142
2	2	7	792404	80	1526	0	63052	857142
3	2	7	88590	50	1407	0	767045	857142
4	3	7	580165	72	1019	1920	273822	857142
5	1	7	817790	100	0	0	39252	857142
6	2	7	143072	75	1968	0	711952	857142
7	1	7	155362	96	0	0	701684	857142
8	2	7	684895	77	1910	0	170183	857142
9	1	7	189859	94	0	0	667189	857142
10	2	7	79887	53	1410	0	775739	857142
11	3	7	684393	67	1230	1859	169459	857142
12	3	7	598804	94	1019	1605	255432	857142
13	1	7	367353	82	0	0	489707	857142
14	3	7	485786	73	1313	1226	368598	857142

Type 5 #19 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	1	13	434956	67	0	0	364977	800000
2	1	13	647935	70	0	0	151995	800000
3	3	13	387080	68	1048	1898	409770	800000
4	2	13	129332	65	1095	0	669443	800000
5	1	13	755490	90	0	0	44420	800000
6	2	13	243757	54	1971	0	554164	800000
7	1	13	191326	96	0	0	608578	800000
8	1	13	534594	64	0	0	265342	800000
9	1	13	578799	74	0	0	221127	800000
10	2	13	326583	78	1491	0	471770	800000
11	2	13	577308	92	1883	0	220625	800000
12	1	13	283393	56	0	0	516551	800000
13	3	13	251209	63	1410	1944	545248	800000
14	3	13	646673	90	1493	1024	150540	800000
15	3	13	489715	54	1665	1850	306608	800000

Type 5 #20 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	1	14	919685	84	0	0	171140	1090909
2	1	14	566217	80	0	0	524612	1090909
3	3	14	107860	93	1573	1553	979644	1090909
4	1	14	810490	55	0	0	280364	1090909
5	1	14	654348	73	0	0	436488	1090909
6	3	14	662848	87	1218	1201	425381	1090909
7	2	14	1052526	51	1651	0	36630	1090909
8	3	14	585074	87	1766	1186	502622	1090909
9	3	14	571668	67	1208	1033	516799	1090909
10	1	14	632100	80	0	0	458729	1090909
11	2	14	910008	70	1961	0	178800	1090909

Type 5 #21 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	5	564523	54	0	0	185423	750000
2	1	5	340079	54	0	0	409867	750000
3	2	5	153793	63	1915	0	594166	750000
4	1	5	424542	56	0	0	325402	750000
5	3	5	22034	61	1107	1609	725067	750000
6	3	5	604488	81	1691	1323	142255	750000
7	1	5	164870	91	0	0	585039	750000
8	2	5	211615	89	1251	0	536956	750000
9	2	5	598874	72	1523	0	149459	750000
10	1	5	567143	84	0	0	182773	750000
11	3	5	123930	85	1594	1045	623176	750000
12	2	5	173351	72	1837	0	574668	750000
13	1	5	344331	76	0	0	405593	750000
14	2	5	730594	62	1455	0	17827	750000
15	3	5	206777	70	1883	1276	539854	750000
16	3	5	135779	79	1468	1498	611018	750000

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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	238068	82	1703	1041	958942	1200000
2	3	6	594535	57	1108	1666	602520	1200000
3	2	6	41573	93	1557	0	1156684	1200000
4	2	6	929790	91	1318	0	268710	1200000
5	2	6	398900	97	1976	0	798930	1200000
6	1	6	518811	86	0	0	681103	1200000
7	1	6	830550	71	0	0	369379	1200000
8	2	6	820373	63	1679	0	377822	1200000
9	2	6	623394	56	1168	0	575326	1200000
10	3	6	1078765	97	1866	1625	117453	1200000

Type 5 #23 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	17	922351	80	0	0	168478	1090909
2	2	17	71941	76	1234	0	1017582	1090909
3	2	17	388196	58	1079	0	701518	1090909
4	1	17	690269	56	0	0	400584	1090909
5	2	17	436810	63	1412	0	652561	1090909
6	2	17	737507	71	1537	0	351723	1090909
7	2	17	242119	77	1844	0	846792	1090909
8	2	17	586614	81	1888	0	502245	1090909
9	3	17	587419	82	1887	1484	499873	1090909
10	3	17	517786	77	1217	1545	570130	1090909
11	3	17	67802	84	1382	1997	1019476	1090909

Type 5 #24 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	13	541075	77	1556	0	88793	631578
2	2	13	251607	87	1215	0	378582	631578
3	3	13	541819	99	1373	1929	86160	631578
4	3	13	594403	94	1320	1133	34440	631578
5	2	13	89397	58	1320	0	540745	631578
6	2	13	503673	85	1419	0	126316	631578
7	3	13	152869	66	1867	1374	475270	631578
8	3	13	353047	88	1803	1438	275026	631578
9	3	13	206876	71	1623	1430	421436	631578
10	2	13	337759	77	1578	0	292087	631578
11	3	13	201586	98	1398	1140	427160	631578
12	1	13	176905	76	0	0	454597	631578
13	1	13	38939	58	0	0	592581	631578
14	3	13	208352	94	1522	1191	420231	631578
15	2	13	570992	90	1013	0	59393	631578
16	2	13	494927	86	1586	0	134893	631578
17	2	13	122505	61	1075	0	507876	631578
18	2	13	275637	79	1102	0	354681	631578
19	2	13	386128	96	1260	0	243998	631578

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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	6	819760	50	1385	0	101831	923076
2	3	6	558052	100	1236	1028	362460	923076
3	1	6	848640	55	0	0	74381	923076
4	1	6	282389	62	0	0	640625	923076
5	1	6	117167	71	0	0	805838	923076
6	3	6	610590	83	1525	1732	308980	923076
7	1	6	849779	67	0	0	73230	923076
8	3	6	282228	61	1205	1690	637770	923076
9	2	6	763441	80	1867	0	157608	923076
10	1	6	538495	89	0	0	384492	923076
11	3	6	145679	57	1329	1501	774396	923076
12	3	6	333411	60	1888	1666	585931	923076
13	1	6	5289	59	0	0	917728	923076

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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	597240	70	1562	0	258200	857142
2	2	16	764252	55	1299	0	91481	857142
3	2	16	595420	57	1103	0	260505	857142
4	3	16	271524	70	1762	1977	581669	857142
5	1	16	227594	78	0	0	629470	857142
6	2	16	639782	64	1022	0	216210	857142
7	2	16	626299	85	1116	0	229557	857142
8	3	16	92273	97	1106	1461	762011	857142
9	2	16	52307	98	1394	0	803245	857142
10	1	16	364868	52	0	0	492222	857142
11	3	16	330821	73	1467	1448	523187	857142
12	3	16	71183	81	1565	1294	782857	857142
13	3	16	103700	99	1346	1677	750122	857142
14	3	16	713778	89	1902	1303	139892	857142

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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	8	667289	56	1895	1078	329570	1000000
2	2	8	541116	67	1075	0	457675	1000000
3	1	8	852571	94	0	0	147335	1000000
4	3	8	259471	52	1306	1027	738040	1000000
5	2	8	631430	76	1548	0	366870	1000000
6	2	8	656501	83	1316	0	342017	1000000
7	2	8	600638	100	1018	0	398144	1000000
8	1	8	365199	63	0	0	634738	1000000
9	2	8	761697	72	1696	0	236463	1000000
10	1	8	878719	98	0	0	121183	1000000
11	1	8	176497	55	0	0	823448	1000000
12	2	8	346717	100	1171	0	651912	1000000

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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	603622	59	0	0	319395	923076
2	1	15	800891	96	0	0	122089	923076
3	2	15	870695	72	1811	0	50426	923076
4	3	15	212864	51	1679	1650	706730	923076
5	2	15	34156	50	1185	0	887635	923076
6	1	15	330234	100	0	0	592742	923076
7	3	15	842348	61	1612	1421	77512	923076
8	2	15	577736	98	1089	0	344055	923076
9	1	15	474581	67	0	0	448428	923076
10	3	15	807944	58	1328	1670	111960	923076
11	3	15	612138	74	1134	1797	307785	923076
12	3	15	173628	78	1827	1452	745935	923076
13	2	15	360043	51	1430	0	561501	923076

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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	620765	61	0	0	302250	923076
2	3	7	442265	94	1873	1317	477339	923076
3	3	7	230608	88	1478	1625	689101	923076
4	2	7	334199	70	1263	0	587474	923076
5	3	7	719041	96	1759	1082	200906	923076
6	3	7	60280	82	1356	1788	859406	923076
7	3	7	758769	87	1602	1452	160992	923076
8	3	7	111071	79	1947	1023	808798	923076
9	3	7	569461	67	1766	1066	350582	923076
10	3	7	286077	66	1635	1801	633365	923076
11	2	7	78618	80	1640	0	842658	923076
12	3	7	466023	91	1692	1573	453515	923076
13	3	7	279911	94	1799	1263	639821	923076

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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	71080	50	1721	1863	675186	750000
2	1	11	494534	71	0	0	255395	750000
3	1	11	138218	100	0	0	611682	750000
4	3	11	409857	75	1270	1214	337434	750000
5	3	11	265447	92	1877	1194	481206	750000
6	1	11	289433	51	0	0	460516	750000
7	1	11	139448	67	0	0	610485	750000
8	3	11	446465	53	1365	1814	300197	750000
9	2	11	435776	62	1334	0	312766	750000
10	3	11	108258	76	1388	1430	638696	750000
11	3	11	103746	86	1090	1409	643497	750000
12	2	11	743126	95	1383	0	5301	750000
13	3	11	410478	90	1539	1955	335758	750000
14	1	11	343050	90	0	0	406860	750000
15	1	11	555850	83	0	0	194067	750000
16	2	11	619071	82	1613	0	129152	750000



Title: MikroTiks SIA RBD23UGS-5HPacD2HnD-NM-US,
RBD22UGS-5HPacD2HnD-15S-US
To: FCC CFR 47 Part 15 Subpart E 15.407
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#01-5323	#02-5444	#03-5678	#04-5353	#05-5402	#06-5255	#07-5450	#08-5639	#09-5583	#10-5298
#11-5290	#12-5400	#13-5696	#14-5600	#15-5297	#16-5681	#17-5502	#18-5522	#19-5706	#20-5611
#21-5478	#22-5536	#23-5587	#24-5438	#25-5357	#26-5657	#27-5295	#28-5689	#29-5495	#30-5575
#31-5456	#32-5289	#33-5472	#34-5617	#35-5662	#36-5724	#37-5561	#38-5475	#39-5613	#40-5527
#41-5395	#42-5489	#43-5462	#44-5271	#45-5253	#46-5668	#47-5459	#48-5322	#49-5609	#50-5631
#51-5698	#52-5595	#53-5420	#54-5314	#55-5643	#56-5510	#57-5577	#58-5486	#59-5720	#60-5464
#61-5684	#62-5480	#63-5387	#64-5256	#65-5563	#66-5723	#67-5648	#68-5329	#69-5659	#70-5299
#71-5365	#72-5274	#73-5627	#74-5422	#75-5457	#76-5710	#77-5321	#78-5558	#79-5429	#80-5408
#81-5440	#82-5697	#83-5330	#84-5584	#85-5601	#86-5576	#87-5586	#88-5403	#89-5695	#90-5393
#91-5385	#92-5326	#93-5481	#94-5391	#95-5562	#96-5638	#97-5346	#98-5455	#99-5426	#100-5254

Type 6 #2 [Back to Summary]

#01-5267	#02-5383	#03-5385	#04-5564	#05-5516	#06-5673	#07-5692	#08-5723	#09-5575	#10-5655
#11-5439	#12-5266	#13-5304	#14-5556	#15-5273	#16-5710	#17-5405	#18-5527	#19-5374	#20-5707
#21-5382	#22-5492	#23-5355	#24-5510	#25-5628	#26-5291	#27-5519	#28-5483	#29-5584	#30-5546
#31-5613	#32-5586	#33-5381	#34-5429	#35-5396	#36-5313	#37-5566	#38-5488	#39-5323	#40-5657
#41-5617	#42-5594	#43-5555	#44-5290	#45-5685	#46-5373	#47-5271	#48-5647	#49-5371	#50-5582
#51-5482	#52-5541	#53-5335	#54-5447	#55-5599	#56-5497	#57-5277	#58-5601	#59-5661	#60-5471
#61-5404	#62-5456	#63-5391	#64-5280	#65-5295	#66-5581	#67-5611	#68-5602	#69-5413	#70-5686
#71-5397	#72-5641	#73-5454	#74-5442	#75-5341	#76-5514	#77-5664	#78-5315	#79-5549	#80-5502
#81-5265	#82-5597	#83-5357	#84-5724	#85-5309	#86-5320	#87-5499	#88-5665	#89-5558	#90-5625
#91-5286	#92-5694	#93-5552	#94-5571	#95-5498	#96-5409	#97-5450	#98-5525	#99-5720	#100-5351

Type 6 #3 [Back to Summary]

#01-5493	#02-5398	#03-5486	#04-5415	#05-5437	#06-5573	#07-5337	#08-5618	#09-5353	#10-5330
#11-5564	#12-5687	#13-5296	#14-5406	#15-5458	#16-5535	#17-5347	#18-5390	#19-5696	#20-5700
#21-5328	#22-5670	#23-5288	#24-5517	#25-5648	#26-5430	#27-5333	#28-5608	#29-5665	#30-5658
#31-5310	#32-5384	#33-5316	#34-5449	#35-5259	#36-5595	#37-5362	#38-5671	#39-5539	#40-5465
#41-5707	#42-5606	#43-5556	#44-5477	#45-5306	#46-5322	#47-5643	#48-5402	#49-5368	#50-5694
#51-5307	#52-5309	#53-5558	#54-5271	#55-5273	#56-5548	#57-5364	#58-5697	#59-5496	#60-5256
#61-5492	#62-5460	#63-5676	#64-5424	#65-5269	#66-5434	#67-5620	#68-5579	#69-5399	#70-5589
#71-5428	#72-5408	#73-5581	#74-5488	#75-5719	#76-5453	#77-5366	#78-5542	#79-5462	#80-5577
#81-5514	#82-5657	#83-5497	#84-5698	#85-5602	#86-5251	#87-5553	#88-5294	#89-5423	#90-5441
#91-5489	#92-5388	#93-5431	#94-5533	#95-5702	#96-5505	#97-5654	#98-5385	#99-5459	#100-5609



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Type 6 #4 [Back to Summary]									
#01-5430	#02-5317	#03-5255	#04-5504	#05-5522	#06-5632	#07-5458	#08-5324	#09-5279	#10-5552
#11-5434	#12-5547	#13-5490	#14-5644	#15-5473	#16-5558	#17-5691	#18-5705	#19-5544	#20-5268
#21-5603	#22-5574	#23-5402	#24-5682	#25-5352	#26-5286	#27-5700	#28-5299	#29-5509	#30-5468
#31-5517	#32-5702	#33-5334	#34-5579	#35-5392	#36-5441	#37-5653	#38-5713	#39-5423	#40-5690
#41-5516	#42-5476	#43-5266	#44-5597	#45-5254	#46-5663	#47-5623	#48-5508	#49-5308	#50-5390
#51-5534	#52-5674	#53-5567	#54-5433	#55-5251	#56-5583	#57-5637	#58-5300	#59-5398	#60-5483
#61-5656	#62-5406	#63-5538	#64-5532	#65-5284	#66-5452	#67-5459	#68-5635	#69-5495	#70-5281
#71-5626	#72-5703	#73-5527	#74-5577	#75-5469	#76-5370	#77-5557	#78-5530	#79-5677	#80-5407
#81-5379	#82-5432	#83-5717	#84-5361	#85-5659	#86-5566	#87-5378	#88-5618	#89-5576	#90-5535
#91-5524	#92-5606	#93-5561	#94-5666	#95-5288	#96-5354	#97-5664	#98-5449	#99-5563	#100-5515

Type 6 #5 [Back to Summary]									
#01-5452	#02-5713	#03-5263	#04-5278	#05-5492	#06-5558	#07-5397	#08-5715	#09-5686	#10-5602
#11-5276	#12-5355	#13-5346	#14-5712	#15-5351	#16-5469	#17-5419	#18-5425	#19-5598	#20-5442
#21-5320	#22-5568	#23-5310	#24-5683	#25-5478	#26-5271	#27-5391	#28-5588	#29-5541	#30-5367
#31-5436	#32-5348	#33-5692	#34-5405	#35-5681	#36-5399	#37-5428	#38-5687	#39-5599	#40-5353
#41-5422	#42-5395	#43-5654	#44-5697	#45-5513	#46-5427	#47-5512	#48-5573	#49-5565	#50-5543
#51-5662	#52-5493	#53-5585	#54-5371	#55-5456	#56-5612	#57-5650	#58-5301	#59-5527	#60-5471
#61-5415	#62-5534	#63-5424	#64-5574	#65-5416	#66-5652	#67-5382	#68-5666	#69-5279	#70-5676
#71-5292	#72-5457	#73-5550	#74-5497	#75-5269	#76-5647	#77-5634	#78-5333	#79-5423	#80-5299
#81-5489	#82-5544	#83-5270	#84-5722	#85-5429	#86-5667	#87-5488	#88-5571	#89-5672	#90-5322
#91-5470	#92-5366	#93-5408	#94-5375	#95-5658	#96-5611	#97-5696	#98-5330	#99-5529	#100-5583

Type 6 #6 [Back to Summary]									
#01-5287	#02-5567	#03-5542	#04-5612	#05-5498	#06-5460	#07-5667	#08-5339	#09-5352	#10-5528
#11-5699	#12-5564	#13-5604	#14-5473	#15-5708	#16-5599	#17-5508	#18-5424	#19-5394	#20-5472
#21-5412	#22-5541	#23-5718	#24-5680	#25-5454	#26-5646	#27-5290	#28-5417	#29-5558	#30-5381
#31-5679	#32-5549	#33-5531	#34-5566	#35-5262	#36-5643	#37-5724	#38-5379	#39-5467	#40-5687
#41-5251	#42-5393	#43-5463	#44-5390	#45-5345	#46-5628	#47-5489	#48-5659	#49-5389	#50-5308
#51-5344	#52-5515	#53-5661	#54-5300	#55-5415	#56-5468	#57-5575	#58-5587	#59-5400	#60-5577
#61-5416	#62-5494	#63-5503	#64-5691	#65-5573	#66-5391	#67-5278	#68-5284	#69-5457	#70-5312
#71-5603	#72-5370	#73-5681	#74-5432	#75-5475	#76-5266	#77-5322	#78-5574	#79-5585	#80-5553
#81-5403	#82-5351	#83-5273	#84-5500	#85-5286	#86-5411	#87-5619	#88-5482	#89-5397	#90-5521
#91-5319	#92-5383	#93-5707	#94-5625	#95-5522	#96-5481	#97-5622	#98-5504	#99-5550	#100-5676



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Type 6 #7 [Back to Summary]									
#01-5599	#02-5454	#03-5448	#04-5331	#05-5434	#06-5698	#07-5561	#08-5479	#09-5553	#10-5398
#11-5392	#12-5252	#13-5256	#14-5575	#15-5420	#16-5313	#17-5473	#18-5258	#19-5655	#20-5410
#21-5511	#22-5527	#23-5615	#24-5669	#25-5718	#26-5463	#27-5390	#28-5308	#29-5640	#30-5719
#31-5371	#32-5549	#33-5275	#34-5630	#35-5680	#36-5675	#37-5629	#38-5666	#39-5314	#40-5315
#41-5574	#42-5383	#43-5651	#44-5723	#45-5372	#46-5319	#47-5381	#48-5384	#49-5452	#50-5458
#51-5261	#52-5610	#53-5570	#54-5388	#55-5419	#56-5326	#57-5566	#58-5508	#59-5340	#60-5696
#61-5554	#62-5503	#63-5565	#64-5558	#65-5278	#66-5573	#67-5703	#68-5350	#69-5618	#70-5470
#71-5408	#72-5526	#73-5665	#74-5591	#75-5555	#76-5369	#77-5596	#78-5614	#79-5537	#80-5649
#81-5328	#82-5260	#83-5583	#84-5432	#85-5708	#86-5484	#87-5700	#88-5608	#89-5459	#90-5603
#91-5355	#92-5368	#93-5577	#94-5339	#95-5482	#96-5320	#97-5538	#98-5342	#99-5694	#100-5522

Type 6 #8 [Back to Summary]									
#01-5339	#02-5281	#03-5491	#04-5706	#05-5298	#06-5457	#07-5669	#08-5705	#09-5553	#10-5293
#11-5453	#12-5677	#13-5688	#14-5414	#15-5614	#16-5543	#17-5642	#18-5381	#19-5573	#20-5514
#21-5593	#22-5342	#23-5612	#24-5261	#25-5360	#26-5283	#27-5673	#28-5572	#29-5357	#30-5484
#31-5552	#32-5500	#33-5641	#34-5264	#35-5558	#36-5300	#37-5492	#38-5601	#39-5385	#40-5501
#41-5538	#42-5720	#43-5309	#44-5417	#45-5401	#46-5406	#47-5410	#48-5415	#49-5450	#50-5663
#51-5402	#52-5412	#53-5495	#54-5432	#55-5658	#56-5722	#57-5390	#58-5478	#59-5596	#60-5263
#61-5509	#62-5343	#63-5602	#64-5318	#65-5465	#66-5678	#67-5285	#68-5674	#69-5581	#70-5568
#71-5302	#72-5291	#73-5721	#74-5324	#75-5698	#76-5599	#77-5284	#78-5446	#79-5585	#80-5680
#81-5598	#82-5511	#83-5373	#84-5419	#85-5332	#86-5391	#87-5256	#88-5464	#89-5333	#90-5562
#91-5631	#92-5266	#93-5254	#94-5371	#95-5717	#96-5449	#97-5370	#98-5712	#99-5676	#100-5452

Type 6 #9 [Back to Summary]									
#01-5370	#02-5460	#03-5558	#04-5607	#05-5613	#06-5360	#07-5414	#08-5421	#09-5456	#10-5307
#11-5688	#12-5672	#13-5618	#14-5641	#15-5389	#16-5721	#17-5695	#18-5432	#19-5711	#20-5320
#21-5666	#22-5544	#23-5589	#24-5267	#25-5660	#26-5285	#27-5286	#28-5598	#29-5328	#30-5501
#31-5479	#32-5296	#33-5492	#34-5386	#35-5556	#36-5388	#37-5677	#38-5491	#39-5528	#40-5694
#41-5702	#42-5559	#43-5256	#44-5272	#45-5596	#46-5681	#47-5371	#48-5339	#49-5704	#50-5723
#51-5473	#52-5655	#53-5252	#54-5601	#55-5502	#56-5542	#57-5585	#58-5533	#59-5664	#60-5570
#61-5325	#62-5530	#63-5343	#64-5673	#65-5548	#66-5635	#67-5425	#68-5474	#69-5331	#70-5251
#71-5293	#72-5448	#73-5625	#74-5268	#75-5346	#76-5359	#77-5536	#78-5568	#79-5395	#80-5705
#81-5634	#82-5667	#83-5619	#84-5329	#85-5277	#86-5535	#87-5295	#88-5605	#89-5600	#90-5262
#91-5514	#92-5391	#93-5541	#94-5676	#95-5614	#96-5413	#97-5462	#98-5306	#99-5440	#100-5683



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Type 6 #10 [Back to Summary]									
#01-5504	#02-5616	#03-5257	#04-5702	#05-5680	#06-5274	#07-5284	#08-5710	#09-5511	#10-5396
#11-5256	#12-5271	#13-5398	#14-5688	#15-5660	#16-5380	#17-5636	#18-5265	#19-5648	#20-5262
#21-5594	#22-5542	#23-5596	#24-5324	#25-5455	#26-5626	#27-5627	#28-5674	#29-5373	#30-5652
#31-5610	#32-5483	#33-5378	#34-5435	#35-5450	#36-5276	#37-5663	#38-5643	#39-5372	#40-5252
#41-5509	#42-5312	#43-5350	#44-5462	#45-5255	#46-5501	#47-5718	#48-5579	#49-5270	#50-5489
#51-5502	#52-5453	#53-5382	#54-5432	#55-5339	#56-5686	#57-5273	#58-5659	#59-5498	#60-5307
#61-5371	#62-5337	#63-5585	#64-5581	#65-5510	#66-5495	#67-5614	#68-5687	#69-5487	#70-5638
#71-5440	#72-5717	#73-5611	#74-5646	#75-5473	#76-5538	#77-5442	#78-5389	#79-5319	#80-5677
#81-5631	#82-5299	#83-5657	#84-5601	#85-5404	#86-5412	#87-5358	#88-5671	#89-5349	#90-5490
#91-5254	#92-5253	#93-5403	#94-5325	#95-5603	#96-5428	#97-5447	#98-5493	#99-5681	#100-5484

Type 6 #11 [Back to Summary]									
#01-5609	#02-5282	#03-5345	#04-5351	#05-5299	#06-5511	#07-5563	#08-5456	#09-5681	#10-5522
#11-5490	#12-5605	#13-5594	#14-5544	#15-5391	#16-5323	#17-5399	#18-5705	#19-5431	#20-5343
#21-5388	#22-5670	#23-5586	#24-5723	#25-5636	#26-5437	#27-5567	#28-5543	#29-5288	#30-5297
#31-5344	#32-5679	#33-5434	#34-5557	#35-5317	#36-5604	#37-5675	#38-5558	#39-5556	#40-5619
#41-5573	#42-5628	#43-5715	#44-5547	#45-5724	#46-5373	#47-5381	#48-5578	#49-5653	#50-5526
#51-5276	#52-5462	#53-5307	#54-5583	#55-5346	#56-5663	#57-5419	#58-5342	#59-5439	#60-5585
#61-5665	#62-5265	#63-5413	#64-5632	#65-5425	#66-5529	#67-5417	#68-5285	#69-5474	#70-5508
#71-5370	#72-5561	#73-5393	#74-5534	#75-5492	#76-5482	#77-5683	#78-5279	#79-5722	#80-5505
#81-5303	#82-5711	#83-5616	#84-5476	#85-5266	#86-5603	#87-5623	#88-5571	#89-5457	#90-5375
#91-5428	#92-5580	#93-5365	#94-5697	#95-5674	#96-5549	#97-5458	#98-5329	#99-5371	#100-5436

Type 6 #12 [Back to Summary]									
#01-5679	#02-5345	#03-5354	#04-5391	#05-5413	#06-5442	#07-5320	#08-5496	#09-5339	#10-5587
#11-5709	#12-5388	#13-5346	#14-5654	#15-5532	#16-5677	#17-5377	#18-5658	#19-5612	#20-5548
#21-5638	#22-5570	#23-5550	#24-5344	#25-5328	#26-5516	#27-5445	#28-5422	#29-5589	#30-5665
#31-5272	#32-5597	#33-5632	#34-5533	#35-5555	#36-5686	#37-5608	#38-5473	#39-5314	#40-5552
#41-5527	#42-5375	#43-5481	#44-5601	#45-5394	#46-5290	#47-5482	#48-5438	#49-5416	#50-5722
#51-5428	#52-5525	#53-5444	#54-5553	#55-5521	#56-5355	#57-5515	#58-5255	#59-5304	#60-5622
#61-5720	#62-5626	#63-5633	#64-5398	#65-5562	#66-5359	#67-5477	#68-5535	#69-5342	#70-5574
#71-5311	#72-5628	#73-5590	#74-5302	#75-5264	#76-5508	#77-5333	#78-5678	#79-5681	#80-5284
#81-5280	#82-5253	#83-5252	#84-5593	#85-5484	#86-5467	#87-5403	#88-5330	#89-5262	#90-5451
#91-5417	#92-5607	#93-5419	#94-5427	#95-5563	#96-5640	#97-5471	#98-5332	#99-5288	#100-5282



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Type 6 #13 [Back to Summary]									
#01-5538	#02-5673	#03-5341	#04-5570	#05-5654	#06-5527	#07-5663	#08-5385	#09-5533	#10-5261
#11-5270	#12-5568	#13-5304	#14-5272	#15-5587	#16-5716	#17-5620	#18-5291	#19-5639	#20-5343
#21-5686	#22-5400	#23-5520	#24-5623	#25-5408	#26-5439	#27-5457	#28-5415	#29-5475	#30-5358
#31-5292	#32-5253	#33-5636	#34-5645	#35-5474	#36-5335	#37-5637	#38-5409	#39-5662	#40-5681
#41-5529	#42-5266	#43-5517	#44-5724	#45-5428	#46-5567	#47-5548	#48-5395	#49-5562	#50-5565
#51-5260	#52-5431	#53-5418	#54-5674	#55-5323	#56-5388	#57-5398	#58-5445	#59-5413	#60-5467
#61-5320	#62-5500	#63-5634	#64-5429	#65-5697	#66-5268	#67-5658	#68-5381	#69-5521	#70-5501
#71-5328	#72-5465	#73-5354	#74-5688	#75-5537	#76-5670	#77-5603	#78-5524	#79-5448	#80-5563
#81-5613	#82-5311	#83-5578	#84-5631	#85-5347	#86-5585	#87-5558	#88-5692	#89-5573	#90-5332
#91-5661	#92-5444	#93-5720	#94-5442	#95-5607	#96-5282	#97-5353	#98-5342	#99-5279	#100-5411

Type 6 #14 [Back to Summary]									
#01-5637	#02-5414	#03-5599	#04-5312	#05-5488	#06-5522	#07-5327	#08-5457	#09-5386	#10-5376
#11-5512	#12-5600	#13-5720	#14-5575	#15-5576	#16-5258	#17-5650	#18-5252	#19-5330	#20-5361
#21-5432	#22-5694	#23-5537	#24-5438	#25-5564	#26-5610	#27-5468	#28-5634	#29-5324	#30-5502
#31-5565	#32-5509	#33-5494	#34-5284	#35-5653	#36-5447	#37-5434	#38-5514	#39-5393	#40-5551
#41-5506	#42-5350	#43-5554	#44-5443	#45-5550	#46-5309	#47-5449	#48-5392	#49-5598	#50-5606
#51-5355	#52-5349	#53-5264	#54-5647	#55-5707	#56-5671	#57-5607	#58-5410	#59-5473	#60-5611
#61-5301	#62-5417	#63-5379	#64-5615	#65-5538	#66-5724	#67-5348	#68-5687	#69-5654	#70-5373
#71-5546	#72-5383	#73-5584	#74-5501	#75-5580	#76-5322	#77-5390	#78-5338	#79-5619	#80-5498
#81-5406	#82-5317	#83-5287	#84-5452	#85-5396	#86-5465	#87-5497	#88-5583	#89-5298	#90-5708
#91-5573	#92-5272	#93-5286	#94-5518	#95-5493	#96-5336	#97-5697	#98-5672	#99-5639	#100-5549

Type 6 #15 [Back to Summary]									
#01-5685	#02-5489	#03-5468	#04-5465	#05-5302	#06-5697	#07-5495	#08-5483	#09-5314	#10-5627
#11-5527	#12-5512	#13-5525	#14-5696	#15-5444	#16-5706	#17-5376	#18-5654	#19-5460	#20-5322
#21-5475	#22-5499	#23-5630	#24-5666	#25-5533	#26-5523	#27-5344	#28-5316	#29-5259	#30-5488
#31-5356	#32-5445	#33-5429	#34-5311	#35-5546	#36-5642	#37-5580	#38-5552	#39-5394	#40-5418
#41-5693	#42-5263	#43-5515	#44-5398	#45-5427	#46-5307	#47-5473	#48-5318	#49-5315	#50-5518
#51-5684	#52-5287	#53-5451	#54-5566	#55-5324	#56-5435	#57-5589	#58-5534	#59-5661	#60-5506
#61-5604	#62-5421	#63-5472	#64-5556	#65-5526	#66-5328	#67-5329	#68-5457	#69-5402	#70-5539
#71-5374	#72-5564	#73-5511	#74-5288	#75-5354	#76-5462	#77-5711	#78-5482	#79-5490	#80-5470
#81-5295	#82-5276	#83-5251	#84-5471	#85-5543	#86-5319	#87-5722	#88-5608	#89-5717	#90-5355
#91-5306	#92-5298	#93-5619	#94-5624	#95-5559	#96-5524	#97-5521	#98-5690	#99-5612	#100-5357



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Type 6 #16 [Back to Summary]									
#01-5707	#02-5263	#03-5636	#04-5509	#05-5386	#06-5379	#07-5506	#08-5412	#09-5455	#10-5583
#11-5452	#12-5351	#13-5290	#14-5439	#15-5457	#16-5573	#17-5424	#18-5253	#19-5270	#20-5456
#21-5330	#22-5459	#23-5474	#24-5302	#25-5477	#26-5327	#27-5669	#28-5618	#29-5475	#30-5566
#31-5676	#32-5271	#33-5603	#34-5383	#35-5494	#36-5287	#37-5367	#38-5471	#39-5336	#40-5402
#41-5543	#42-5565	#43-5396	#44-5387	#45-5631	#46-5684	#47-5261	#48-5427	#49-5417	#50-5702
#51-5344	#52-5520	#53-5672	#54-5405	#55-5276	#56-5514	#57-5529	#58-5592	#59-5292	#60-5313
#61-5442	#62-5622	#63-5668	#64-5621	#65-5639	#66-5436	#67-5486	#68-5637	#69-5679	#70-5420
#71-5461	#72-5686	#73-5647	#74-5596	#75-5644	#76-5500	#77-5309	#78-5334	#79-5398	#80-5522
#81-5315	#82-5499	#83-5453	#84-5501	#85-5476	#86-5411	#87-5323	#88-5449	#89-5358	#90-5712
#91-5498	#92-5517	#93-5428	#94-5273	#95-5691	#96-5649	#97-5619	#98-5512	#99-5482	#100-5444

Type 6 #17 [Back to Summary]									
#01-5453	#02-5353	#03-5475	#04-5720	#05-5497	#06-5385	#07-5592	#08-5325	#09-5486	#10-5505
#11-5444	#12-5435	#13-5436	#14-5503	#15-5719	#16-5669	#17-5413	#18-5421	#19-5394	#20-5472
#21-5356	#22-5278	#23-5528	#24-5690	#25-5652	#26-5673	#27-5509	#28-5621	#29-5631	#30-5722
#31-5601	#32-5532	#33-5582	#34-5679	#35-5307	#36-5684	#37-5267	#38-5452	#39-5718	#40-5330
#41-5546	#42-5721	#43-5683	#44-5576	#45-5511	#46-5300	#47-5315	#48-5646	#49-5275	#50-5266
#51-5477	#52-5439	#53-5352	#54-5252	#55-5334	#56-5420	#57-5556	#58-5510	#59-5316	#60-5549
#61-5605	#62-5693	#63-5415	#64-5488	#65-5624	#66-5637	#67-5574	#68-5478	#69-5434	#70-5284
#71-5648	#72-5681	#73-5423	#74-5311	#75-5647	#76-5361	#77-5318	#78-5664	#79-5424	#80-5596
#81-5602	#82-5573	#83-5589	#84-5611	#85-5489	#86-5401	#87-5418	#88-5577	#89-5593	#90-5609
#91-5375	#92-5481	#93-5382	#94-5414	#95-5449	#96-5569	#97-5547	#98-5443	#99-5677	#100-5595

Type 6 #18 [Back to Summary]									
#01-5451	#02-5562	#03-5461	#04-5717	#05-5341	#06-5519	#07-5265	#08-5291	#09-5328	#10-5696
#11-5357	#12-5612	#13-5331	#14-5443	#15-5666	#16-5276	#17-5353	#18-5533	#19-5721	#20-5469
#21-5465	#22-5720	#23-5609	#24-5554	#25-5628	#26-5413	#27-5545	#28-5254	#29-5585	#30-5323
#31-5535	#32-5595	#33-5711	#34-5553	#35-5397	#36-5294	#37-5369	#38-5602	#39-5518	#40-5695
#41-5393	#42-5385	#43-5502	#44-5625	#45-5504	#46-5491	#47-5405	#48-5670	#49-5480	#50-5425
#51-5474	#52-5270	#53-5449	#54-5460	#55-5382	#56-5454	#57-5676	#58-5634	#59-5336	#60-5652
#61-5698	#62-5260	#63-5428	#64-5252	#65-5410	#66-5488	#67-5623	#68-5503	#69-5296	#70-5624
#71-5636	#72-5475	#73-5261	#74-5275	#75-5324	#76-5330	#77-5471	#78-5708	#79-5301	#80-5386
#81-5259	#82-5599	#83-5505	#84-5411	#85-5576	#86-5521	#87-5392	#88-5508	#89-5421	#90-5668
#91-5344	#92-5463	#93-5522	#94-5594	#95-5724	#96-5379	#97-5679	#98-5506	#99-5464	#100-5272



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Type 6 #19 [Back to Summary]									
#01-5595	#02-5629	#03-5626	#04-5580	#05-5515	#06-5251	#07-5261	#08-5428	#09-5388	#10-5306
#11-5712	#12-5691	#13-5582	#14-5677	#15-5643	#16-5349	#17-5486	#18-5272	#19-5404	#20-5619
#21-5343	#22-5372	#23-5331	#24-5354	#25-5532	#26-5425	#27-5685	#28-5394	#29-5275	#30-5666
#31-5376	#32-5693	#33-5497	#34-5280	#35-5514	#36-5356	#37-5698	#38-5638	#39-5613	#40-5569
#41-5503	#42-5688	#43-5363	#44-5365	#45-5678	#46-5377	#47-5598	#48-5556	#49-5671	#50-5621
#51-5614	#52-5655	#53-5342	#54-5561	#55-5648	#56-5469	#57-5541	#58-5519	#59-5299	#60-5340
#61-5290	#62-5588	#63-5407	#64-5446	#65-5654	#66-5268	#67-5444	#68-5551	#69-5414	#70-5535
#71-5379	#72-5568	#73-5381	#74-5552	#75-5366	#76-5382	#77-5259	#78-5696	#79-5401	#80-5412
#81-5544	#82-5375	#83-5447	#84-5373	#85-5297	#86-5448	#87-5597	#88-5656	#89-5347	#90-5291
#91-5529	#92-5430	#93-5590	#94-5521	#95-5530	#96-5637	#97-5531	#98-5641	#99-5435	#100-5662

Type 6 #20 [Back to Summary]									
#01-5654	#02-5294	#03-5397	#04-5384	#05-5499	#06-5296	#07-5530	#08-5515	#09-5451	#10-5524
#11-5464	#12-5582	#13-5375	#14-5619	#15-5522	#16-5641	#17-5400	#18-5280	#19-5399	#20-5466
#21-5396	#22-5518	#23-5455	#24-5369	#25-5257	#26-5680	#27-5708	#28-5583	#29-5273	#30-5456
#31-5572	#32-5343	#33-5512	#34-5463	#35-5480	#36-5505	#37-5704	#38-5309	#39-5604	#40-5251
#41-5639	#42-5332	#43-5450	#44-5558	#45-5556	#46-5678	#47-5297	#48-5697	#49-5252	#50-5620
#51-5487	#52-5503	#53-5491	#54-5693	#55-5514	#56-5386	#57-5568	#58-5275	#59-5373	#60-5549
#61-5315	#62-5674	#63-5489	#64-5721	#65-5676	#66-5366	#67-5320	#68-5642	#69-5389	#70-5268
#71-5661	#72-5341	#73-5409	#74-5402	#75-5557	#76-5316	#77-5314	#78-5627	#79-5548	#80-5307
#81-5634	#82-5261	#83-5584	#84-5382	#85-5695	#86-5322	#87-5581	#88-5545	#89-5673	#90-5342
#91-5663	#92-5681	#93-5656	#94-5305	#95-5662	#96-5689	#97-5567	#98-5453	#99-5601	#100-5431

Type 6 #21 [Back to Summary]									
#01-5607	#02-5380	#03-5556	#04-5708	#05-5680	#06-5394	#07-5346	#08-5341	#09-5390	#10-5448
#11-5323	#12-5663	#13-5456	#14-5317	#15-5636	#16-5300	#17-5347	#18-5360	#19-5275	#20-5610
#21-5518	#22-5502	#23-5691	#24-5298	#25-5331	#26-5707	#27-5412	#28-5353	#29-5464	#30-5589
#31-5476	#32-5581	#33-5271	#34-5367	#35-5428	#36-5506	#37-5433	#38-5597	#39-5429	#40-5551
#41-5695	#42-5489	#43-5405	#44-5481	#45-5262	#46-5723	#47-5478	#48-5590	#49-5395	#50-5614
#51-5595	#52-5461	#53-5432	#54-5717	#55-5642	#56-5356	#57-5416	#58-5512	#59-5629	#60-5697
#61-5711	#62-5721	#63-5606	#64-5527	#65-5696	#66-5469	#67-5639	#68-5336	#69-5619	#70-5382
#71-5594	#72-5474	#73-5655	#74-5450	#75-5638	#76-5279	#77-5343	#78-5463	#79-5284	#80-5327
#81-5487	#82-5544	#83-5677	#84-5569	#85-5719	#86-5260	#87-5399	#88-5280	#89-5445	#90-5313
#91-5334	#92-5646	#93-5687	#94-5453	#95-5561	#96-5693	#97-5598	#98-5599	#99-5501	#100-5520



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Type 6 #22 [Back to Summary]									
#01-5332	#02-5383	#03-5692	#04-5257	#05-5262	#06-5369	#07-5528	#08-5702	#09-5328	#10-5610
#11-5260	#12-5673	#13-5471	#14-5546	#15-5465	#16-5417	#17-5292	#18-5286	#19-5532	#20-5686
#21-5320	#22-5609	#23-5620	#24-5555	#25-5300	#26-5676	#27-5508	#28-5455	#29-5615	#30-5665
#31-5405	#32-5472	#33-5688	#34-5491	#35-5724	#36-5351	#37-5576	#38-5670	#39-5560	#40-5600
#41-5458	#42-5422	#43-5678	#44-5559	#45-5308	#46-5387	#47-5426	#48-5396	#49-5713	#50-5395
#51-5653	#52-5565	#53-5322	#54-5536	#55-5450	#56-5445	#57-5488	#58-5386	#59-5683	#60-5309
#61-5584	#62-5323	#63-5339	#64-5384	#65-5457	#66-5514	#67-5711	#68-5704	#69-5544	#70-5363
#71-5564	#72-5342	#73-5447	#74-5647	#75-5478	#76-5618	#77-5651	#78-5304	#79-5496	#80-5633
#81-5500	#82-5359	#83-5466	#84-5467	#85-5259	#86-5563	#87-5398	#88-5399	#89-5285	#90-5527
#91-5588	#92-5436	#93-5714	#94-5503	#95-5269	#96-5385	#97-5335	#98-5545	#99-5355	#100-5520

Type 6 #23 [Back to Summary]									
#01-5401	#02-5447	#03-5576	#04-5598	#05-5557	#06-5564	#07-5366	#08-5394	#09-5311	#10-5558
#11-5516	#12-5431	#13-5619	#14-5298	#15-5533	#16-5472	#17-5583	#18-5597	#19-5373	#20-5622
#21-5362	#22-5562	#23-5667	#24-5267	#25-5501	#26-5374	#27-5351	#28-5675	#29-5636	#30-5335
#31-5531	#32-5359	#33-5679	#34-5704	#35-5482	#36-5302	#37-5508	#38-5595	#39-5638	#40-5419
#41-5443	#42-5251	#43-5333	#44-5456	#45-5259	#46-5405	#47-5546	#48-5666	#49-5695	#50-5520
#51-5532	#52-5464	#53-5417	#54-5462	#55-5400	#56-5567	#57-5505	#58-5559	#59-5340	#60-5432
#61-5460	#62-5418	#63-5489	#64-5702	#65-5274	#66-5403	#67-5481	#68-5644	#69-5542	#70-5479
#71-5689	#72-5713	#73-5686	#74-5680	#75-5416	#76-5356	#77-5475	#78-5455	#79-5258	#80-5343
#81-5555	#82-5410	#83-5706	#84-5355	#85-5530	#86-5313	#87-5668	#88-5463	#89-5552	#90-5647
#91-5522	#92-5678	#93-5498	#94-5446	#95-5685	#96-5273	#97-5488	#98-5353	#99-5427	#100-5585

Type 6 #24 [Back to Summary]									
#01-5649	#02-5631	#03-5373	#04-5463	#05-5558	#06-5544	#07-5504	#08-5461	#09-5289	#10-5288
#11-5337	#12-5298	#13-5550	#14-5720	#15-5604	#16-5296	#17-5441	#18-5378	#19-5420	#20-5682
#21-5464	#22-5266	#23-5341	#24-5621	#25-5683	#26-5258	#27-5465	#28-5485	#29-5719	#30-5399
#31-5599	#32-5365	#33-5277	#34-5406	#35-5427	#36-5647	#37-5292	#38-5495	#39-5530	#40-5708
#41-5538	#42-5454	#43-5423	#44-5513	#45-5562	#46-5477	#47-5379	#48-5507	#49-5577	#50-5640
#51-5561	#52-5360	#53-5667	#54-5475	#55-5364	#56-5633	#57-5543	#58-5480	#59-5509	#60-5553
#61-5331	#62-5272	#63-5469	#64-5619	#65-5412	#66-5698	#67-5269	#68-5393	#69-5549	#70-5684
#71-5254	#72-5676	#73-5579	#74-5434	#75-5392	#76-5257	#77-5573	#78-5559	#79-5314	#80-5455
#81-5609	#82-5686	#83-5637	#84-5329	#85-5569	#86-5489	#87-5421	#88-5527	#89-5287	#90-5519
#91-5352	#92-5539	#93-5710	#94-5702	#95-5626	#96-5512	#97-5711	#98-5529	#99-5343	#100-5589



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Type 6 #25 [Back to Summary]									
#01-5454	#02-5709	#03-5682	#04-5614	#05-5632	#06-5604	#07-5510	#08-5477	#09-5327	#10-5357
#11-5311	#12-5712	#13-5415	#14-5298	#15-5668	#16-5375	#17-5363	#18-5389	#19-5300	#20-5650
#21-5523	#22-5467	#23-5355	#24-5276	#25-5577	#26-5444	#27-5691	#28-5595	#29-5536	#30-5606
#31-5271	#32-5287	#33-5460	#34-5452	#35-5252	#36-5621	#37-5250	#38-5269	#39-5425	#40-5683
#41-5700	#42-5667	#43-5449	#44-5652	#45-5456	#46-5369	#47-5373	#48-5658	#49-5283	#50-5502
#51-5402	#52-5570	#53-5483	#54-5419	#55-5314	#56-5713	#57-5600	#58-5653	#59-5290	#60-5440
#61-5638	#62-5636	#63-5669	#64-5446	#65-5336	#66-5277	#67-5505	#68-5689	#69-5301	#70-5304
#71-5379	#72-5347	#73-5690	#74-5346	#75-5675	#76-5574	#77-5267	#78-5430	#79-5548	#80-5465
#81-5326	#82-5282	#83-5564	#84-5289	#85-5464	#86-5429	#87-5535	#88-5295	#89-5396	#90-5264
#91-5268	#92-5329	#93-5706	#94-5708	#95-5299	#96-5320	#97-5251	#98-5254	#99-5571	#100-5437

Type 6 #26 [Back to Summary]									
#01-5590	#02-5406	#03-5613	#04-5706	#05-5374	#06-5304	#07-5606	#08-5386	#09-5467	#10-5458
#11-5692	#12-5425	#13-5354	#14-5553	#15-5366	#16-5610	#17-5322	#18-5634	#19-5715	#20-5635
#21-5468	#22-5460	#23-5546	#24-5280	#25-5281	#26-5303	#27-5363	#28-5707	#29-5300	#30-5617
#31-5576	#32-5266	#33-5581	#34-5371	#35-5593	#36-5643	#37-5395	#38-5582	#39-5637	#40-5403
#41-5540	#42-5397	#43-5547	#44-5659	#45-5295	#46-5563	#47-5688	#48-5404	#49-5587	#50-5409
#51-5711	#52-5341	#53-5260	#54-5660	#55-5684	#56-5379	#57-5577	#58-5574	#59-5673	#60-5320
#61-5665	#62-5622	#63-5334	#64-5566	#65-5601	#66-5675	#67-5557	#68-5712	#69-5682	#70-5448
#71-5463	#72-5461	#73-5722	#74-5550	#75-5337	#76-5318	#77-5631	#78-5611	#79-5708	#80-5437
#81-5336	#82-5683	#83-5362	#84-5612	#85-5625	#86-5480	#87-5254	#88-5645	#89-5408	#90-5457
#91-5305	#92-5525	#93-5629	#94-5549	#95-5453	#96-5641	#97-5308	#98-5697	#99-5297	#100-5345

Type 6 #27 [Back to Summary]									
#01-5723	#02-5702	#03-5442	#04-5387	#05-5664	#06-5495	#07-5344	#08-5422	#09-5568	#10-5613
#11-5468	#12-5690	#13-5594	#14-5481	#15-5705	#16-5703	#17-5506	#18-5436	#19-5666	#20-5366
#21-5667	#22-5639	#23-5548	#24-5465	#25-5389	#26-5650	#27-5551	#28-5403	#29-5347	#30-5416
#31-5260	#32-5657	#33-5561	#34-5609	#35-5438	#36-5356	#37-5491	#38-5700	#39-5676	#40-5378
#41-5383	#42-5554	#43-5323	#44-5517	#45-5719	#46-5334	#47-5660	#48-5397	#49-5579	#50-5477
#51-5380	#52-5591	#53-5277	#54-5651	#55-5398	#56-5322	#57-5399	#58-5694	#59-5718	#60-5259
#61-5659	#62-5654	#63-5314	#64-5394	#65-5597	#66-5527	#67-5370	#68-5707	#69-5287	#70-5587
#71-5458	#72-5524	#73-5483	#74-5531	#75-5704	#76-5354	#77-5559	#78-5279	#79-5471	#80-5298
#81-5712	#82-5401	#83-5544	#84-5592	#85-5282	#86-5385	#87-5625	#88-5626	#89-5456	#90-5357
#91-5681	#92-5515	#93-5706	#94-5658	#95-5437	#96-5447	#97-5482	#98-5644	#99-5631	#100-5431



Title: MikroTiks SIA RBD23UGS-5HPacD2HnD-NM-US,
RBD22UGS-5HPacD2HnD-15S-US
To: FCC CFR 47 Part 15 Subpart E 15.407
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Type 6 #28 [Back to Summary]									
#01-5689	#02-5681	#03-5360	#04-5713	#05-5269	#06-5580	#07-5357	#08-5469	#09-5673	#10-5289
#11-5489	#12-5370	#13-5472	#14-5665	#15-5273	#16-5514	#17-5363	#18-5449	#19-5366	#20-5463
#21-5624	#22-5470	#23-5498	#24-5650	#25-5632	#26-5663	#27-5546	#28-5543	#29-5340	#30-5504
#31-5599	#32-5633	#33-5364	#34-5286	#35-5335	#36-5280	#37-5293	#38-5562	#39-5576	#40-5426
#41-5282	#42-5413	#43-5683	#44-5422	#45-5598	#46-5567	#47-5300	#48-5292	#49-5644	#50-5654
#51-5341	#52-5288	#53-5540	#54-5430	#55-5537	#56-5471	#57-5437	#58-5435	#59-5330	#60-5329
#61-5285	#62-5541	#63-5382	#64-5423	#65-5416	#66-5584	#67-5252	#68-5441	#69-5585	#70-5718
#71-5478	#72-5527	#73-5602	#74-5664	#75-5432	#76-5465	#77-5516	#78-5324	#79-5306	#80-5318
#81-5619	#82-5510	#83-5627	#84-5411	#85-5414	#86-5566	#87-5346	#88-5667	#89-5480	#90-5597
#91-5572	#92-5587	#93-5485	#94-5501	#95-5391	#96-5468	#97-5281	#98-5517	#99-5256	#100-5267

Type 6 #29 [Back to Summary]									
#01-5563	#02-5588	#03-5435	#04-5653	#05-5430	#06-5538	#07-5413	#08-5604	#09-5723	#10-5323
#11-5681	#12-5360	#13-5380	#14-5263	#15-5439	#16-5504	#17-5639	#18-5689	#19-5256	#20-5575
#21-5485	#22-5315	#23-5686	#24-5710	#25-5396	#26-5613	#27-5292	#28-5349	#29-5519	#30-5685
#31-5427	#32-5252	#33-5317	#34-5283	#35-5478	#36-5279	#37-5322	#38-5696	#39-5705	#40-5598
#41-5398	#42-5465	#43-5660	#44-5400	#45-5633	#46-5458	#47-5452	#48-5470	#49-5309	#50-5610
#51-5552	#52-5324	#53-5505	#54-5406	#55-5510	#56-5498	#57-5626	#58-5450	#59-5508	#60-5544
#61-5496	#62-5314	#63-5335	#64-5286	#65-5622	#66-5677	#67-5295	#68-5351	#69-5515	#70-5410
#71-5437	#72-5667	#73-5708	#74-5381	#75-5429	#76-5271	#77-5377	#78-5541	#79-5327	#80-5664
#81-5416	#82-5555	#83-5290	#84-5634	#85-5384	#86-5359	#87-5479	#88-5637	#89-5503	#90-5704
#91-5375	#92-5593	#93-5445	#94-5415	#95-5353	#96-5333	#97-5383	#98-5628	#99-5511	#100-5682

Type 6 #30 [Back to Summary]									
#01-5412	#02-5351	#03-5682	#04-5624	#05-5426	#06-5609	#07-5336	#08-5371	#09-5701	#10-5486
#11-5368	#12-5338	#13-5378	#14-5565	#15-5380	#16-5670	#17-5274	#18-5428	#19-5628	#20-5515
#21-5458	#22-5386	#23-5574	#24-5532	#25-5282	#26-5568	#27-5478	#28-5546	#29-5277	#30-5346
#31-5618	#32-5476	#33-5284	#34-5366	#35-5506	#36-5311	#37-5596	#38-5393	#39-5460	#40-5501
#41-5268	#42-5353	#43-5663	#44-5262	#45-5589	#46-5289	#47-5471	#48-5605	#49-5287	#50-5411
#51-5308	#52-5685	#53-5724	#54-5714	#55-5481	#56-5278	#57-5509	#58-5405	#59-5595	#60-5587
#61-5388	#62-5523	#63-5343	#64-5608	#65-5599	#66-5625	#67-5307	#68-5258	#69-5315	#70-5320
#71-5331	#72-5616	#73-5693	#74-5387	#75-5499	#76-5359	#77-5453	#78-5562	#79-5672	#80-5721
#81-5354	#82-5603	#83-5514	#84-5598	#85-5294	#86-5661	#87-5479	#88-5297	#89-5622	#90-5477
#91-5537	#92-5445	#93-5527	#94-5601	#95-5370	#96-5482	#97-5257	#98-5310	#99-5402	#100-5695



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