REGULATORY COMPLIANCE TEST REPORT

FCC CFR 47 Part 15 Subpart E 15.407

Report No.: MIKO114-U10c Rev A DFS 2x2 Radio

Company: Mikrotikls SIA

Model Name: RBD25G-5HPacQD2HPnD-US

REGULATORY COMPLIANCE TEST REPORT

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Model Name: RBD25G-5HPacQD2HPnD-US

To: FCC CFR 47 Part 15 Subpart E 15.407

Test Report Serial No.: MIKO114-U10c Rev A DFS 2x2 Radio

This report supersedes: NONE

Applicant: Mikrotikls SIA
Brivibas gatve 214i
Riga, LV-1039
Latvia

Issue Date: 25th May 2021

Test Report Sections	Document Number
Master:	☐ MIKO114-U10a Master
RF Report 5250 – 5350 MHz:	☐ MIKO114-U10b
DFS 5250 – 5350 MHz Addendum:	☒ MIKO114-U10c
RF Report 5470 - 5725 MHz:	☐ MIKO114-U10d
DFS 5470 - 5725 MHz Addendum :	☐ MIKO114-U10e

This Test Report is Issued Under the Authority of:

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TESTING CERT #2381.01

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1. ACCREDITATION, LISTINGS & RECOGNITION

1.1. TESTING ACCREDITATION

MiCOM Labs, Inc. is an accredited Electrical testing laboratory per the international standard ISO/IEC 17025:2017. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.01. MiCOM Labs test schedule is available at the following URL; http://www.a2la.org/scopepdf/2381-01.pdf

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for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 24th day of February 2020.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2381.01
Valid to November 30, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

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1.2. RECOGNITION

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Country	Recognition Body	Status	MRA Phase	Identification No.
USA	Federal Communications Commission (FCC)	TCB	-	US0159 Test Firm Designation#: US1084
Canada	Industry Canada (ISED)	FCB	APEC MRA 2	US0159 ISED#: 4143A
Japan	MIC (Ministry of Internal Affairs and Communication)	CAB	Japan MRA 2	RCB 210
	Japan Approvals Institute for Telecommunication Equipment (JATE)			
	VCCI	--	--	A-0012
Europe	European Commission	NB	EU MRA 2	NB 2280
United Kingdom	Department for Business, Energy & Industrial Strategy (BEIS)	AB	UK MRA 2	AB 2280
Mexico	Instituto Federal de Telecomunicaciones (IFT)	CAB	Mexico MRA 1	US0159
Australia	Australian Communications and Media Authority (ACMA)	CAB	APEC MRA 1	US0159
Hong Kong	Office of the Telecommunication Authority (OFTA)			
Korea	Ministry of Information and Communication Radio Research Laboratory (RRL)			
Singapore	Infocomm Development Authority (IDA)			
Taiwan	National Communications Commission (NCC) Bureau of Standards, Metrology and Inspection (BSMI)			
Vietnam	Ministry of Communication (MIC)			

TCB – Telecommunications Certification Bodies (TCB)
FCB – Foreign Certification Body
CAB – Conformity Assessment Body
NB – Notified Body
AB – Approved Body
MRA – Mutual Recognition Agreement
MRA Phase I - recognition for product testing
MRA Phase II – recognition for both product testing and certification

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1.3. PRODUCT CERTIFICATION

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Accredited Product Certification Body

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This product certification body is accredited in accordance with the recognized International Standard ISO/IEC 17065:2012 *Requirements for bodies certifying products, processes and services*. This product certification body also meets the A2LA R322 – *Specific Requirements – Notified Body Accreditation Requirements* and A2LA R308 - *Specific Requirements - ISO-IEC 17065 - Telecommunication Certification Body Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a management system.

Presented this 24th day of February 2020

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2381.02
Valid to November 30, 2021

For the product certification schemes to which this accreditation applies, please refer to the organization's Product Certification Scope of Accreditation.

United States of America – Telecommunication Certification Body (TCB)
Industry Canada – Certification Body, CAB Identifier – US0159
Europe – Notified Body (NB), NB Identifier - 2280
UK – Approved Body (AB), AB Identifier - 2280
Japan – Recognized Certification Body (RCB), RCB Identifier - 210

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2. DOCUMENT HISTORY

Document History		
Revision	Date	Comments
Draft	21st May 2021	Draft report for client review.
Rev A	25th May 2021	Initial release.
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In the above table the latest report revision will replace all earlier versions.

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3. TEST SUMMARY

Test Header	Result
DFS Testing of 2x2 Radio operating in the 5250 – 5350 MHz band	Complies

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4. TEST METHODOLOGY

4.1. Dynamic Frequency Selection (DFS) Overview

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands. Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode. The following tables summarize the requirements.

Requirement	Master Device or Client with Radar Detection	Client without Radar Detection
	Operational Mode	
DFS Detection Threshold	Yes	Not Required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not Required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
NOTE: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

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The operational behavior and individual DFS requirements associated with these modes are as follows:

4.1.1. Master Devices

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

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

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

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

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

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

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

4.1.2. Client Devices

a) A Client Device will not transmit before having received appropriate control signals from a Master Device.

b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.

c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.

d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.

e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shutdown (rather than moving channels), no beacons should appear.

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4.2. 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 ≥ 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.

4.3. 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.

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4.4. 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.

4.4.1. Short Radar Pulses

Short Pulse Radar Test Waveforms

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

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

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

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4.4.2. Long Radar Pulse Test

Long Pulse Radar Test Waveforms

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

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

Each waveform is defined as follows:

1. The transmission period for the Long Pulse Radar test signal is 12 seconds.

2. There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst Count.

3. Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.

4. The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.

5. Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.

6. If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.

7. The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length (12,000,000 / 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 / Burst_Count) – (Total Burst Length) + (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

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3. Burst 1 has 2 randomly generated pulses.

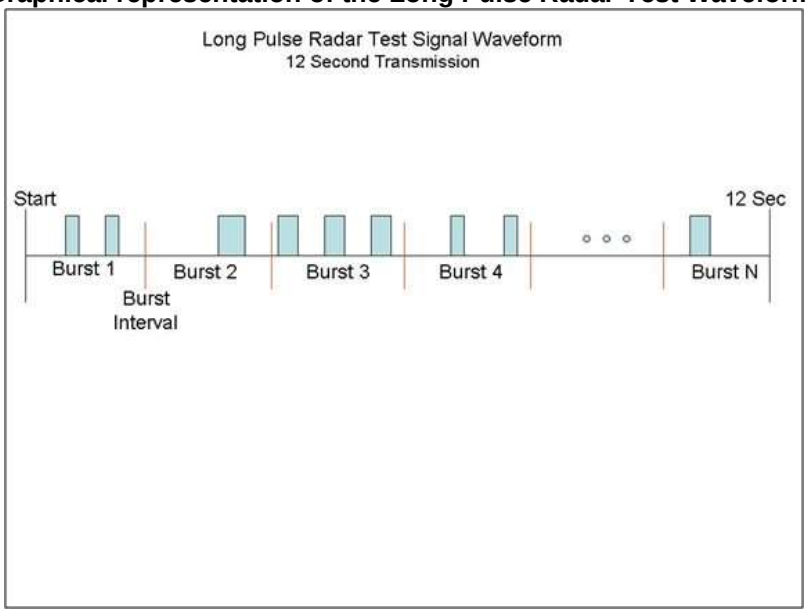
4. The pulse width (for both pulses) is randomly selected to be 75 microseconds.

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.



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4.4.3. 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.

4.5. 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).

4.6. Test Program Details

EUT Type: Master with radar detection

Frequency band(s): 5,250 - 5,350 MHz

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.

Antenna Gain used for Testing: 3.5 dBi
Number of Antenna Chains: 2

Test Communication Throughput Methodology
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.

Test Environmental Conditions - Ambient:
Temperature: 17 to 23 °C
Relative humidity: 31 to 57%
Pressure: 999 to 1012 mbar

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5. TEST RESULTS

5.1. Dynamic Frequency Selection (DFS)

Test Conditions for Dynamic Frequency Selection (DFS)			
Standard:	FCC 15.407	**Ambient Temp. (ºC):**	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
Test Environment:	Conducted	**Antenna Gain used for Testing:**	3.5 dBi
Detection Threshold:	-64 dBm	**Test Radar Level: (Threshold + Gain)**	-62 dBm
Number of Antenna Chains:	2	**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

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

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

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

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

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

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

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

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5.1.1. Channel Availability Check

5.1.1.1. 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.

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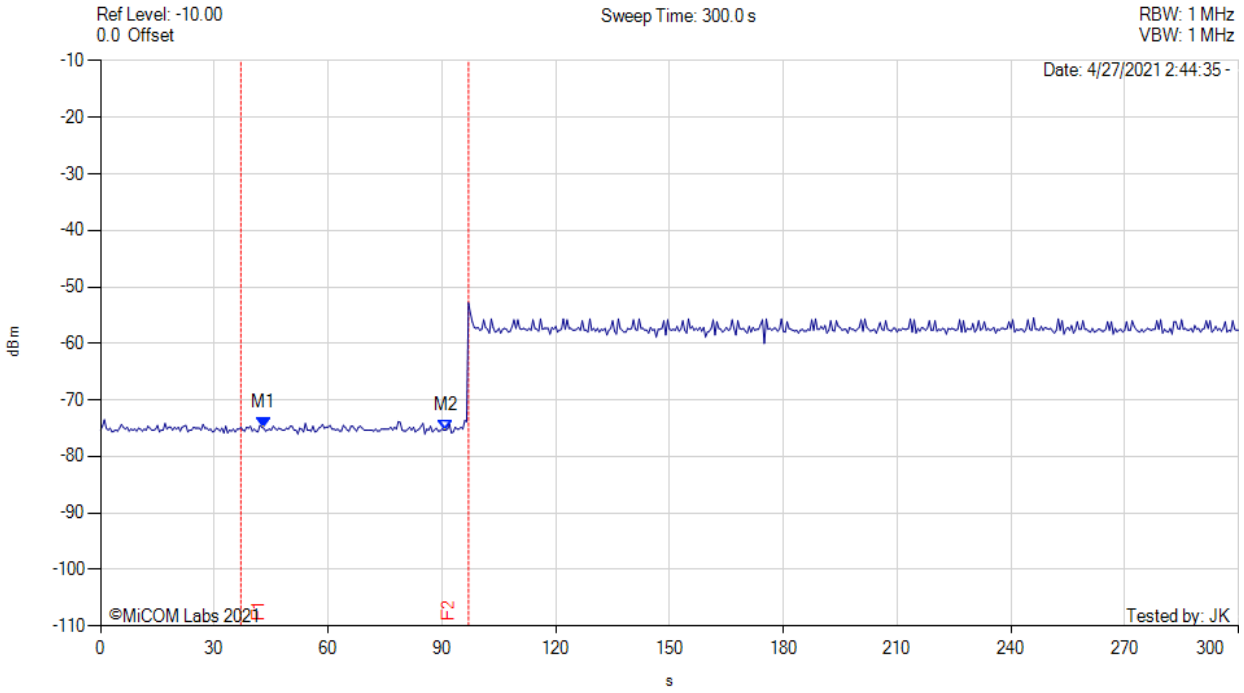
INITIAL CAC

Variant: 802.11ac-80, Channel: 5290.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 0.10%, Antenna Gain: 3.50 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5320.00 MHz) : 43.000 s : -75.000 dBm M2(5320.00 MHz) : 91.000 s : -75.330 dBm	Channel Frequency: 5290.00 MHz

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5.1.1.2. 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.

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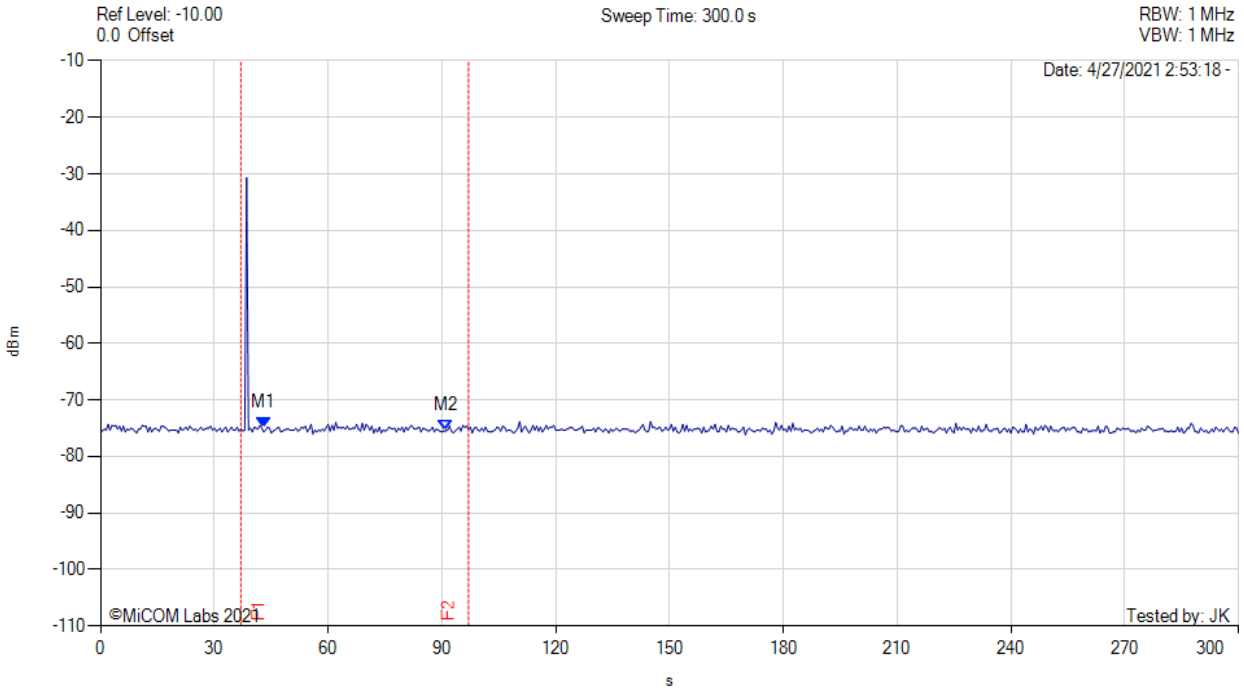
BEGINNING CAC

Variant: 802.11ac-80, Channel: 5290.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 0.10%, Antenna Gain: 3.50 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5320.00 MHz) : 43.000 s : -75.000 dBm M2(5320.00 MHz) : 91.000 s : -75.330 dBm	Channel Frequency: 5290.00 MHz

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5.1.1.3. 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 T0 + 54 seconds. The window will commence at marker 3 and end at the red time line T2 (T0 + 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.

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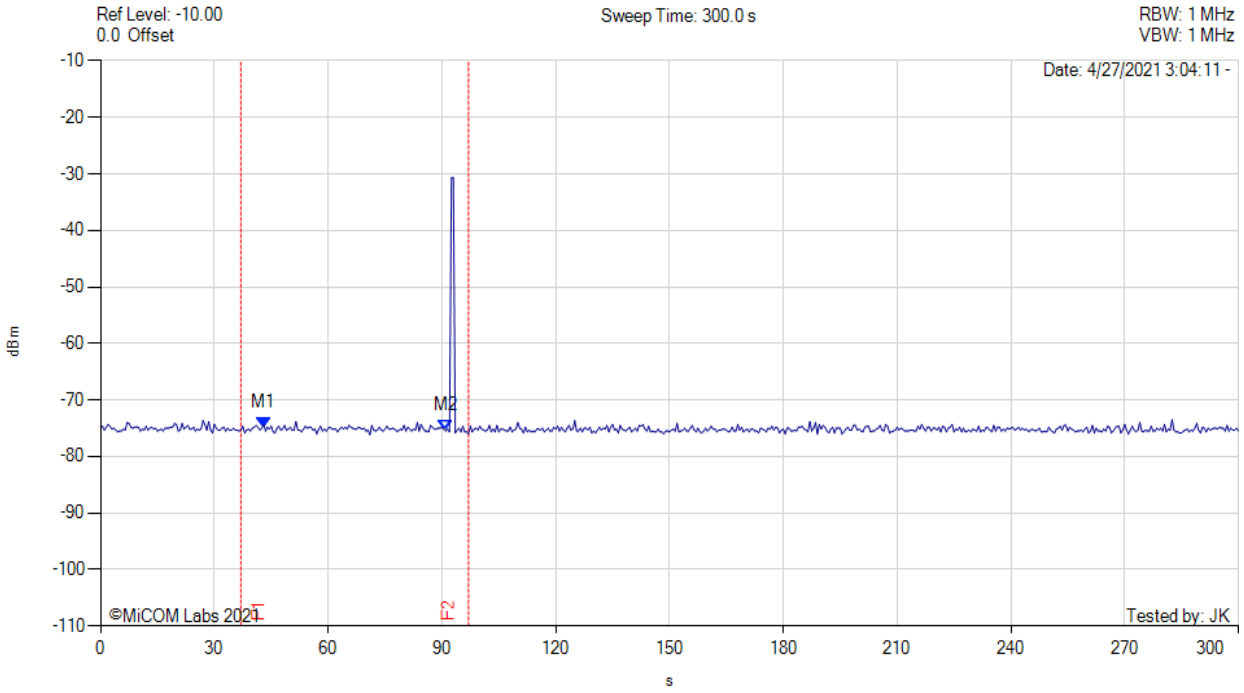
END CAC

Variant: 802.11ac-80, Channel: 5290.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 0.10%, Antenna Gain: 3.50 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5320.00 MHz) : 43.000 s : -75.000 dBm M2(5320.00 MHz) : 91.000 s : -75.330 dBm	Channel Frequency: 5290.00 MHz

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5.1.2. 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.

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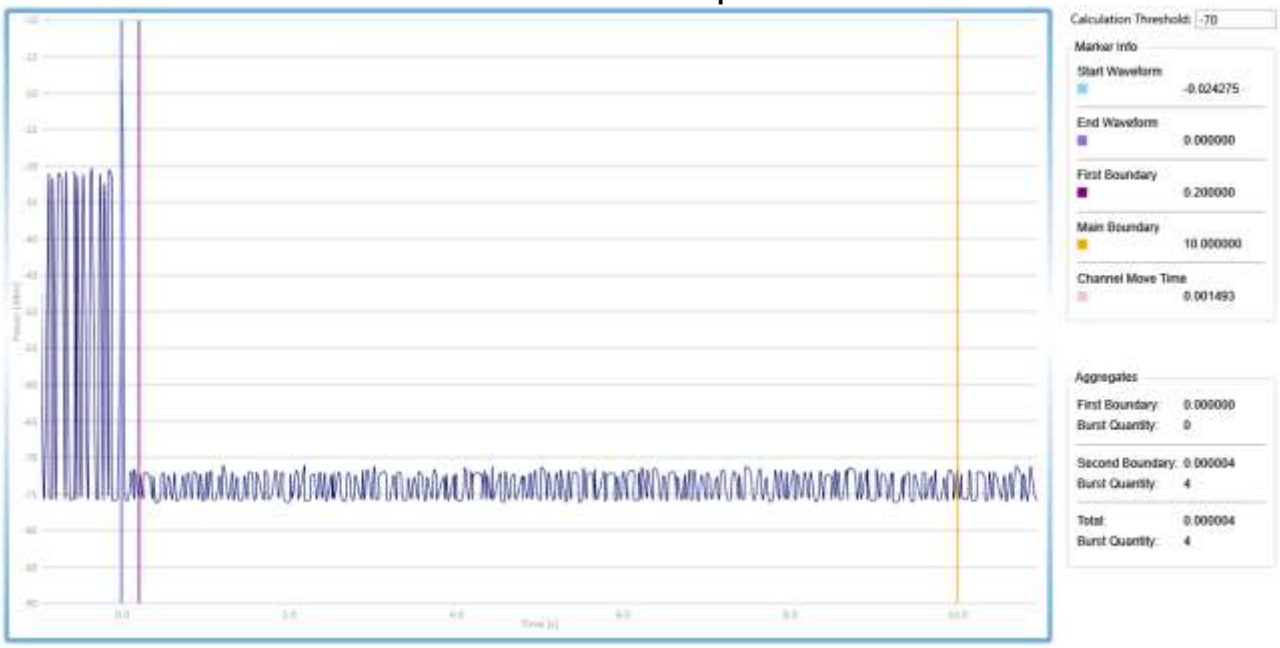
80 MHz Channel 5290 MHz

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	0.000004	0.260	Complies
Channel Move Time	0.001493	10.0	Complies

Channel Move Time
0 - 12 Second Capture



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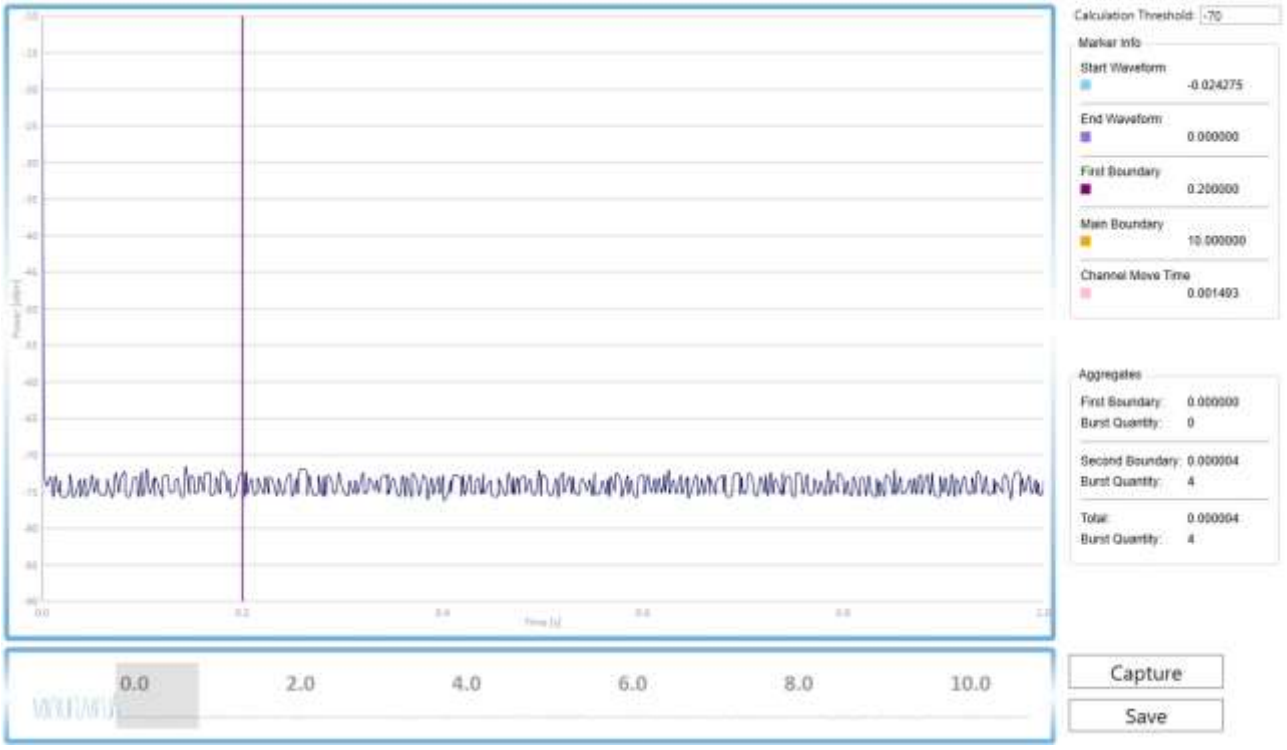
Channel Closing Time
0 – 0.2 Second Capture



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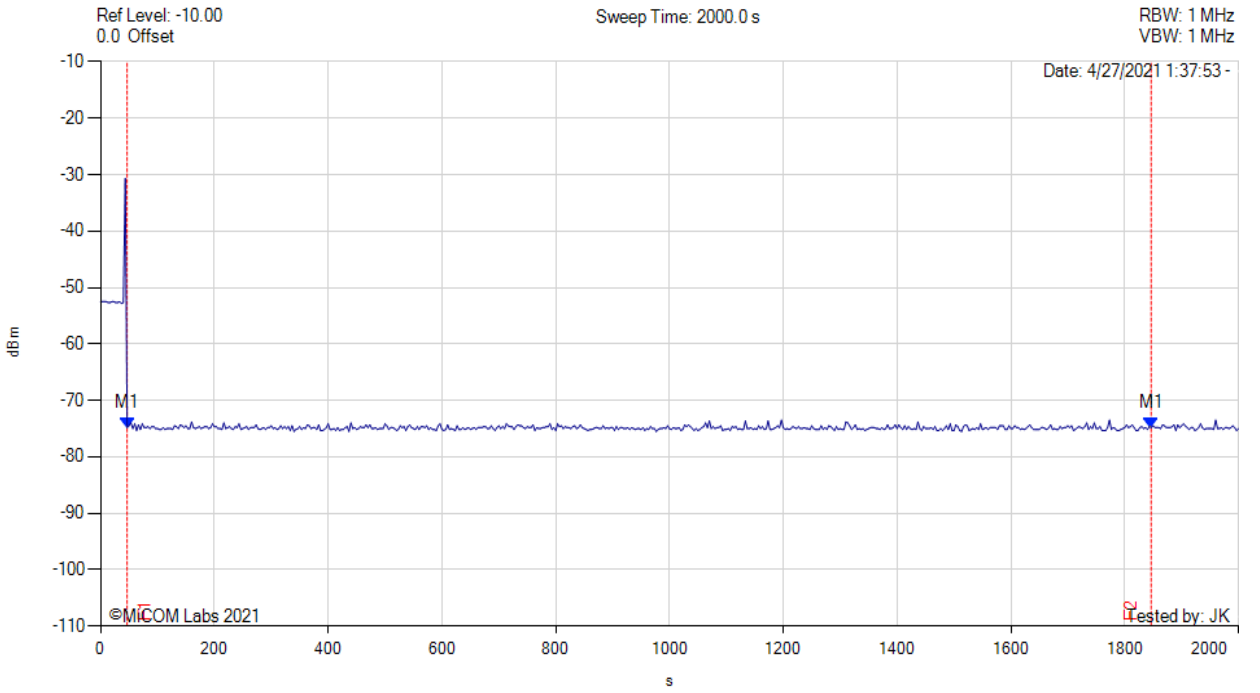
5.1.3. Non-Occupancy Period

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: 5290.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 18.60%, Antenna Gain: 3.50 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5320.00 MHz) : 46.667 s : -74.830 dBm M1(5320.00 MHz) : 1846.667 s : -74.830 dBm	Channel Frequency: 5290.00 MHz

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5.1.4. 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:

Total # of detections ÷ Total # of Trials × 100 = 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 - 5320 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	28	93.33%	Complies	View Data
Radar Type 3	30	29	96.67%	Complies	View Data
Radar Type 4	30	25	83.33%	Complies	View Data
Aggregate (100.00% + 93.33% + 96.67% + 83.33%) / 4 = 93.33%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	26	86.67%	Complies	View Data

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802.11ac-80 - 5290 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	30	100.00%	Complies	View Data
Radar Type 3	30	30	100.00%	Complies	View Data
Radar Type 4	30	29	96.67%	Complies	View Data
Aggregate (100.00% + 100.00% + 100.00% + 96.67%) / 4 = 99.17%				Complies	--
Radar Type 5	30	27	90.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

802.11n HT-40 - 5310 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	29	96.67%	Complies	View Data
Radar Type 3	30	30	100.00%	Complies	View Data
Radar Type 4	30	27	90.00%	Complies	View Data
Aggregate (100.00% + 96.67% + 100.00% + 90.00%) / 4 = 96.67%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

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Equipment Configuration for Radar Type 1

Variant:	802.11a	**Duty Cycle (%):**	21.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5320.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5312	1	938	57	1	1	100.00	Detected
5322	1	558	95	1	1	100.00	Detected
5329	1	578	92	1	1	100.00	Detected
5325	1	778	68	1	1	100.00	Detected
5318	1	638	83	1	1	100.00	Detected
5322	1	718	74	1	1	100.00	Detected
5321	1	3066	18	1	1	100.00	Detected
5315	1	678	78	1	1	100.00	Detected
5327	1	898	59	1	1	100.00	Detected
5325	1	618	86	1	1	100.00	Detected
5329	1	738	72	1	1	100.00	Detected
5322	1	878	61	1	1	100.00	Detected
5325	1	698	76	1	1	100.00	Detected
5322	1	858	62	1	1	100.00	Detected
5319	1	838	63	1	1	100.00	Detected
5329	1	798	67	1	1	100.00	Detected
5325	1	2039	26	1	1	100.00	Detected
5312	1	1981	27	1	1	100.00	Detected
5329	1	2796	19	1	1	100.00	Detected
5322	1	1651	32	1	1	100.00	Detected
5318	1	2419	22	1	1	100.00	Detected
5325	1	1185	45	1	1	100.00	Detected
5325	1	1334	40	1	1	100.00	Detected
5322	1	815	65	1	1	100.00	Detected
5319	1	1897	28	1	1	100.00	Detected
5324	1	1662	32	1	1	100.00	Detected
5325	1	1181	45	1	1	100.00	Detected
5312	1	2181	25	1	1	100.00	Detected
5317	1	2302	23	1	1	100.00	Detected
5316	1	2214	24	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 2

Variant:	802.11a	**Duty Cycle (%):**	21.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5320.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5320	4.6	158	27	1	1	100.00	Detected
5315	1.1	198	29	1	1	100.00	Detected
5328	3.7	177	29	1	1	100.00	Detected
5316	2.2	216	24	1	1	100.00	Detected
5323	2.3	158	26	1	1	100.00	Detected
5324	2.9	183	29	1	1	100.00	Detected
5312	3	218	26	1	1	100.00	Detected
5321	2.6	167	24	1	1	100.00	Detected
5322	4.7	228	26	1	1	100.00	Detected
5323	1.6	153	28	1	1	100.00	Detected
5324	3.5	164	28	1	1	100.00	Detected
5314	3.9	161	26	1	1	100.00	Detected
5319	4.4	150	23	1	1	100.00	Detected
5322	4.3	227	29	1	1	100.00	Detected
5320	1.8	192	27	1	1	100.00	Detected
5314	1.3	185	26	1	1	100.00	Detected
5319	1.3	179	25	1	1	100.00	Detected
5317	2.3	195	26	1	1	100.00	Detected
5316	2.4	208	23	1	1	100.00	Detected
5316	3.6	206	25	1	1	100.00	Detected
5317	2.6	156	27	1	1	100.00	Detected
5318	1.8	204	28	1	1	100.00	Detected
5329	4.9	151	26	1	1	100.00	Detected
5322	2.3	198	27	1	1	100.00	Detected
5314	3.5	175	23	1	0	0.00	Not Detected
5317	4.1	158	23	1	1	100.00	Detected
5316	3	209	24	1	1	100.00	Detected
5312	4.5	205	28	1	0	0.00	Not Detected
5320	1.7	177	28	1	1	100.00	Detected
5311	4	161	24	1	1	100.00	Detected
			Aggregate:	**30**	**28**	**93.33**	**Pass**

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Equipment Configuration for Radar Type 3

Variant:	802.11a	**Duty Cycle (%):**	21.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5320.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5318	8.4	323	17	1	1	100.00	Detected
5316	6.5	467	18	1	1	100.00	Detected
5325	6.3	465	18	1	1	100.00	Detected
5317	8.3	202	17	1	1	100.00	Detected
5316	9.9	314	18	1	1	100.00	Detected
5319	7.7	402	16	1	1	100.00	Detected
5316	6.8	482	17	1	1	100.00	Detected
5329	9.3	393	17	1	1	100.00	Detected
5320	6.2	415	18	1	1	100.00	Detected
5317	9	441	16	1	1	100.00	Detected
5322	9.1	354	16	1	1	100.00	Detected
5329	6	346	18	1	1	100.00	Detected
5313	9	348	16	1	1	100.00	Detected
5318	7	440	18	1	1	100.00	Detected
5328	7.3	220	16	1	1	100.00	Detected
5314	7.8	491	18	1	1	100.00	Detected
5319	7.8	255	16	1	1	100.00	Detected
5327	7	272	17	1	1	100.00	Detected
5314	6.8	281	18	1	1	100.00	Detected
5328	8.6	226	16	1	1	100.00	Detected
5324	6.1	288	16	1	0	0.00	Not Detected
5317	8.4	215	16	1	1	100.00	Detected
5315	8.9	457	16	1	1	100.00	Detected
5323	8.7	496	16	1	1	100.00	Detected
5326	8.4	376	17	1	1	100.00	Detected
5326	6.8	216	18	1	1	100.00	Detected
5320	9.8	464	16	1	1	100.00	Detected
5329	6.5	226	16	1	1	100.00	Detected
5315	9.1	323	16	1	1	100.00	Detected
5313	8.9	379	18	1	1	100.00	Detected
			Aggregate:	**30**	**29**	**96.67**	**Pass**

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Equipment Configuration for Radar Type 4

Variant:	802.11a	**Duty Cycle (%):**	21.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5320.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5318	19.6	207	12	1	1	100.00	Detected
5318	12.8	456	14	1	1	100.00	Detected
5315	11.9	462	13	1	1	100.00	Detected
5312	15.8	336	14	1	1	100.00	Detected
5329	14.4	422	13	1	0	0.00	Not Detected
5324	19	272	12	1	0	0.00	Not Detected
5323	16.3	440	16	1	1	100.00	Detected
5316	18.4	208	12	1	1	100.00	Detected
5329	17.8	245	16	1	1	100.00	Detected
5314	19.2	360	13	1	1	100.00	Detected
5313	14.6	484	16	1	1	100.00	Detected
5315	18	261	15	1	1	100.00	Detected
5317	19.1	260	15	1	1	100.00	Detected
5329	13.1	231	14	1	0	0.00	Not Detected
5324	19	352	15	1	1	100.00	Detected
5318	19.6	260	14	1	1	100.00	Detected
5312	18.1	295	13	1	1	100.00	Detected
5318	16.2	299	12	1	0	0.00	Not Detected
5327	15	278	13	1	1	100.00	Detected
5328	14.1	469	16	1	1	100.00	Detected
5318	11.9	370	13	1	1	100.00	Detected
5322	13.3	230	15	1	1	100.00	Detected
5323	16.7	247	13	1	0	0.00	Not Detected
5318	17.7	469	12	1	1	100.00	Detected
5314	15.9	449	14	1	1	100.00	Detected
5319	19.1	293	15	1	1	100.00	Detected
5321	12.3	479	14	1	1	100.00	Detected
5329	18	373	13	1	1	100.00	Detected
5329	16.8	322	13	1	1	100.00	Detected
5318	18.5	436	16	1	1	100.00	Detected
			Aggregate:	**30**	**25**	**83.33**	**Pass**

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Equipment Configuration for Radar Type 5			
Variant:	802.11a	**Duty Cycle (%):**	21.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5320.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5320	1	1	100.00	Detected
Type 5 #2 5319	1	1	100.00	Detected
Type 5 #3 5321	1	1	100.00	Detected
Type 5 #4 5320	1	1	100.00	Detected
Type 5 #5 5320	1	1	100.00	Detected
Type 5 #6 5320	1	1	100.00	Detected
Type 5 #7 5325	1	1	100.00	Detected
Type 5 #8 5320	1	1	100.00	Detected
Type 5 #9 5320	1	1	100.00	Detected
Type 5 #10 5313	1	1	100.00	Detected
Type 5 #11 5320	1	1	100.00	Detected
Type 5 #12 5320	1	1	100.00	Detected
Type 5 #13 5323	1	1	100.00	Detected
Type 5 #14 5320	1	1	100.00	Detected
Type 5 #15 5315	1	1	100.00	Detected
Type 5 #16 5321	1	1	100.00	Detected
Type 5 #17 5325	1	1	100.00	Detected
Type 5 #18 5315	1	1	100.00	Detected
Type 5 #19 5325	1	1	100.00	Detected
Type 5 #20 5326	1	1	100.00	Detected
Type 5 #21 5313	1	1	100.00	Detected
Type 5 #22 5320	1	1	100.00	Detected
Type 5 #23 5325	1	1	100.00	Detected
Type 5 #24 5319	1	1	100.00	Detected
Type 5 #25 5318	1	1	100.00	Detected
Type 5 #26 5327	1	1	100.00	Detected
Type 5 #27 5313	1	1	100.00	Detected
Type 5 #28 5317	1	1	100.00	Detected
Type 5 #29 5325	1	1	100.00	Detected
Type 5 #30 5318	1	1	100.00	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 6

Variant:	802.11a	**Duty Cycle (%):**	21.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5320.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100	Detected
Type 6 #2	1	1	100	Detected
Type 6 #3	1	1	100	Detected
Type 6 #4	1	1	100	Detected
Type 6 #5	1	0	0	Not Detected
Type 6 #6	1	1	100	Detected
Type 6 #7	1	1	100	Detected
Type 6 #8	1	0	0	Not 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	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	0	0	Not 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**	**26**	**86.67**	**Pass**

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Equipment Configuration for Radar Type 1

Variant:	802.11ac-80	**Duty Cycle (%):**	18.00
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5290.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5308	1	758	70	1	1	100.00	Detected
5309	1	858	62	1	1	100.00	Detected
5295	1	638	83	1	1	100.00	Detected
5284	1	558	95	1	1	100.00	Detected
5280	1	658	81	1	1	100.00	Detected
5268	1	578	92	1	1	100.00	Detected
5311	1	698	76	1	1	100.00	Detected
5252	1	918	58	1	1	100.00	Detected
5320	1	538	99	1	1	100.00	Detected
5267	1	878	61	1	1	100.00	Detected
5285	1	738	72	1	1	100.00	Detected
5302	1	898	59	1	1	100.00	Detected
5303	1	798	67	1	1	100.00	Detected
5281	1	838	63	1	1	100.00	Detected
5267	1	778	68	1	1	100.00	Detected
5273	1	818	65	1	1	100.00	Detected
5263	1	2087	26	1	1	100.00	Detected
5298	1	769	69	1	1	100.00	Detected
5301	1	2921	19	1	1	100.00	Detected
5292	1	2292	24	1	1	100.00	Detected
5317	1	2334	23	1	1	100.00	Detected
5255	1	1881	29	1	1	100.00	Detected
5311	1	2699	20	1	1	100.00	Detected
5296	1	542	98	1	1	100.00	Detected
5282	1	2294	24	1	1	100.00	Detected
5290	1	856	62	1	1	100.00	Detected
5274	1	1099	49	1	1	100.00	Detected
5319	1	1378	39	1	1	100.00	Detected
5316	1	2994	18	1	1	100.00	Detected
5257	1	684	78	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 2

Variant:	802.11ac-80	**Duty Cycle (%):**	18.00
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5290.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5320	4.3	230	26	1	1	100.00	Detected
5322	1.6	203	29	1	1	100.00	Detected
5266	4.8	189	26	1	1	100.00	Detected
5320	3.9	177	23	1	1	100.00	Detected
5252	4.2	224	25	1	1	100.00	Detected
5276	3	152	24	1	1	100.00	Detected
5283	4.7	209	24	1	1	100.00	Detected
5271	3.7	220	26	1	1	100.00	Detected
5314	1.6	216	24	1	1	100.00	Detected
5293	2.1	226	26	1	1	100.00	Detected
5278	2.9	191	26	1	1	100.00	Detected
5301	4.2	177	24	1	1	100.00	Detected
5328	3.9	228	24	1	1	100.00	Detected
5262	3	181	25	1	1	100.00	Detected
5313	4.4	157	29	1	1	100.00	Detected
5283	2.6	202	26	1	1	100.00	Detected
5257	1.1	205	28	1	1	100.00	Detected
5320	1.5	197	28	1	1	100.00	Detected
5318	3	151	28	1	1	100.00	Detected
5328	2.9	190	27	1	1	100.00	Detected
5296	3.3	171	26	1	1	100.00	Detected
5306	3.5	175	25	1	1	100.00	Detected
5309	2.8	183	27	1	1	100.00	Detected
5265	4.8	151	29	1	1	100.00	Detected
5316	1	189	27	1	1	100.00	Detected
5259	3.3	171	29	1	1	100.00	Detected
5262	1.9	181	27	1	1	100.00	Detected
5289	3.3	181	25	1	1	100.00	Detected
5278	2.9	183	28	1	1	100.00	Detected
5261	1.4	214	26	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 3

Variant:	802.11ac-80	**Duty Cycle (%):**	18.00
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5290.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5307	7.5	201	17	1	1	100.00	Detected
5307	9.5	372	18	1	1	100.00	Detected
5288	6.3	498	18	1	1	100.00	Detected
5328	9.5	357	18	1	1	100.00	Detected
5275	7.6	321	17	1	1	100.00	Detected
5269	8.7	448	16	1	1	100.00	Detected
5256	6.4	304	18	1	1	100.00	Detected
5292	6.7	447	18	1	1	100.00	Detected
5267	6.1	470	18	1	1	100.00	Detected
5296	9.3	243	16	1	1	100.00	Detected
5302	7.9	250	17	1	1	100.00	Detected
5296	7.6	295	17	1	1	100.00	Detected
5324	7.7	359	18	1	1	100.00	Detected
5306	7.3	269	16	1	1	100.00	Detected
5294	9.3	316	17	1	1	100.00	Detected
5293	9.5	319	16	1	1	100.00	Detected
5271	7.1	436	18	1	1	100.00	Detected
5327	9.2	324	17	1	1	100.00	Detected
5272	6.6	450	18	1	1	100.00	Detected
5290	7.6	382	17	1	1	100.00	Detected
5312	9.5	428	16	1	1	100.00	Detected
5301	6.4	205	18	1	1	100.00	Detected
5313	9.4	254	18	1	1	100.00	Detected
5285	8.1	415	18	1	1	100.00	Detected
5257	9.5	248	16	1	1	100.00	Detected
5299	7.4	346	16	1	1	100.00	Detected
5252	6.2	337	17	1	1	100.00	Detected
5289	7.9	369	16	1	1	100.00	Detected
5268	8.9	451	17	1	1	100.00	Detected
5260	7.2	396	16	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 4

Variant:	802.11ac-80	**Duty Cycle (%):**	18.00
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5290.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5271	19.1	249	12	1	1	100.00	Detected
5299	16.9	214	15	1	1	100.00	Detected
5285	11.4	404	15	1	1	100.00	Detected
5271	13.7	211	14	1	1	100.00	Detected
5281	16.5	227	15	1	1	100.00	Detected
5301	15.2	320	13	1	1	100.00	Detected
5273	11.4	362	15	1	1	100.00	Detected
5305	11.5	403	15	1	1	100.00	Detected
5268	11.1	216	15	1	1	100.00	Detected
5266	14.1	361	13	1	1	100.00	Detected
5328	17.5	236	14	1	1	100.00	Detected
5313	19.4	467	16	1	1	100.00	Detected
5305	14.6	281	14	1	1	100.00	Detected
5267	11.5	352	15	1	1	100.00	Detected
5290	18.6	459	14	1	1	100.00	Detected
5261	14.1	210	13	1	1	100.00	Detected
5280	19.1	325	13	1	0	0.00	Not Detected
5270	13.9	272	12	1	1	100.00	Detected
5257	17.6	382	16	1	1	100.00	Detected
5278	19.6	356	13	1	1	100.00	Detected
5263	16.6	204	13	1	1	100.00	Detected
5312	12.6	373	12	1	1	100.00	Detected
5290	13.4	265	13	1	1	100.00	Detected
5289	19.7	271	15	1	1	100.00	Detected
5305	17.7	219	16	1	1	100.00	Detected
5291	16.9	402	13	1	1	100.00	Detected
5264	13.1	327	14	1	1	100.00	Detected
5286	16.3	334	14	1	1	100.00	Detected
5276	15.7	326	14	1	1	100.00	Detected
5277	17.7	377	12	1	1	100.00	Detected
			Aggregate:	**30**	**29**	**96.67**	**Pass**

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Equipment Configuration for Radar Type 5			
Variant:	802.11ac-80	**Duty Cycle (%):**	18.00
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5290.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5326	1	1	100.00	Detected
Type 5 #2 5290	1	1	100.00	Detected
Type 5 #3 5258	1	1	100.00	Detected
Type 5 #4 5322	1	1	100.00	Detected
Type 5 #5 5290	1	1	100.00	Detected
Type 5 #6 5324	1	1	100.00	Detected
Type 5 #7 5259	1	0	0.00	Not Detected
Type 5 #8 5290	1	1	100.00	Detected
Type 5 #9 5325	1	1	100.00	Detected
Type 5 #10 5322	1	1	100.00	Detected
Type 5 #11 5322	1	1	100.00	Detected
Type 5 #12 5257	1	1	100.00	Detected
Type 5 #13 5320	1	1	100.00	Detected
Type 5 #14 5290	1	1	100.00	Detected
Type 5 #15 5324	1	1	100.00	Detected
Type 5 #16 5290	1	1	100.00	Detected
Type 5 #17 5326	1	1	100.00	Detected
Type 5 #18 5325	1	1	100.00	Detected
Type 5 #19 5290	1	1	100.00	Detected
Type 5 #20 5290	1	1	100.00	Detected
Type 5 #21 5260	1	1	100.00	Detected
Type 5 #22 5290	1	1	100.00	Detected
Type 5 #23 5255	1	0	0.00	Not Detected
Type 5 #24 5256	1	0	0.00	Not Detected
Type 5 #25 5290	1	1	100.00	Detected
Type 5 #26 5290	1	1	100.00	Detected
Type 5 #27 5260	1	1	100.00	Detected
Type 5 #28 5259	1	0	0.00	Not Detected
Type 5 #29 5256	1	1	100.00	Detected
Type 5 #30 5260	1	1	100.00	Detected
Aggregate:	**30**	**27**	**90.00**	**Pass**

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Equipment Configuration for Radar Type 6			
Variant:	802.11ac-80	**Duty Cycle (%):**	20.00
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5290.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

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

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Equipment Configuration for Radar Type 1

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.00
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5310.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5318	1	3066	18	1	1	100.00	Detected
5305	1	858	62	1	1	100.00	Detected
5304	1	598	89	1	1	100.00	Detected
5305	1	878	61	1	1	100.00	Detected
5313	1	798	67	1	1	100.00	Detected
5315	1	698	76	1	1	100.00	Detected
5303	1	938	57	1	1	100.00	Detected
5318	1	758	70	1	1	100.00	Detected
5304	1	618	86	1	1	100.00	Detected
5319	1	838	63	1	1	100.00	Detected
5302	1	738	72	1	1	100.00	Detected
5310	1	898	59	1	1	100.00	Detected
5313	1	678	78	1	1	100.00	Detected
5317	1	918	58	1	1	100.00	Detected
5305	1	658	81	1	1	100.00	Detected
5319	1	778	68	1	1	100.00	Detected
5307	1	1369	39	1	1	100.00	Detected
5313	1	1685	32	1	1	100.00	Detected
5309	1	739	72	1	1	100.00	Detected
5314	1	932	57	1	1	100.00	Detected
5317	1	1918	28	1	1	100.00	Detected
5301	1	636	83	1	1	100.00	Detected
5305	1	1934	28	1	1	100.00	Detected
5305	1	2546	21	1	1	100.00	Detected
5312	1	2467	22	1	1	100.00	Detected
5306	1	1731	31	1	1	100.00	Detected
5316	1	1697	32	1	1	100.00	Detected
5305	1	1177	45	1	1	100.00	Detected
5309	1	1481	36	1	1	100.00	Detected
5304	1	2286	24	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 2

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.00
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5310.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5306	2.2	197	23	1	1	100.00	Detected
5314	4.9	155	28	1	1	100.00	Detected
5306	2.9	163	23	1	1	100.00	Detected
5311	4.1	227	26	1	1	100.00	Detected
5312	2.8	200	23	1	1	100.00	Detected
5306	1.4	176	26	1	1	100.00	Detected
5306	3	227	29	1	1	100.00	Detected
5302	2.5	150	23	1	0	0.00	Not Detected
5318	1.2	220	26	1	1	100.00	Detected
5319	5	175	24	1	1	100.00	Detected
5310	2.7	189	23	1	1	100.00	Detected
5312	1.8	225	23	1	1	100.00	Detected
5310	3.8	202	29	1	1	100.00	Detected
5315	1.3	183	24	1	1	100.00	Detected
5319	1.4	211	24	1	1	100.00	Detected
5301	1.7	207	29	1	1	100.00	Detected
5309	1.4	164	26	1	1	100.00	Detected
5318	2.6	197	27	1	1	100.00	Detected
5303	2.5	198	29	1	1	100.00	Detected
5312	1.7	221	23	1	1	100.00	Detected
5311	4.7	181	25	1	1	100.00	Detected
5314	1.1	175	28	1	1	100.00	Detected
5312	3.7	196	29	1	1	100.00	Detected
5305	1.4	168	25	1	1	100.00	Detected
5314	3.2	204	26	1	1	100.00	Detected
5301	2.8	160	23	1	1	100.00	Detected
5302	1.1	218	25	1	1	100.00	Detected
5310	3.2	198	28	1	1	100.00	Detected
5305	3.6	202	23	1	1	100.00	Detected
5316	2.2	166	26	1	1	100.00	Detected
			Aggregate:	**30**	**29**	**96.67**	**Pass**

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Equipment Configuration for Radar Type 3

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.00
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5310.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5315	7.4	461	16	1	1	100.00	Detected
5316	8.9	312	16	1	1	100.00	Detected
5303	7.1	244	16	1	1	100.00	Detected
5310	7.5	224	16	1	1	100.00	Detected
5315	7.2	289	18	1	1	100.00	Detected
5304	9.7	305	16	1	1	100.00	Detected
5302	9.2	393	17	1	1	100.00	Detected
5309	6.5	356	17	1	1	100.00	Detected
5307	6.9	421	18	1	1	100.00	Detected
5311	9.5	280	17	1	1	100.00	Detected
5313	9.2	273	16	1	1	100.00	Detected
5308	8.2	281	18	1	1	100.00	Detected
5311	8	296	17	1	1	100.00	Detected
5301	8.1	287	18	1	1	100.00	Detected
5319	9.2	257	16	1	1	100.00	Detected
5302	9.2	381	16	1	1	100.00	Detected
5315	9	412	16	1	1	100.00	Detected
5313	7.6	371	18	1	1	100.00	Detected
5301	9.7	211	17	1	1	100.00	Detected
5313	6.6	405	17	1	1	100.00	Detected
5310	9.2	202	18	1	1	100.00	Detected
5316	6.1	318	18	1	1	100.00	Detected
5318	9.5	407	18	1	1	100.00	Detected
5313	6.9	284	18	1	1	100.00	Detected
5304	6.9	332	17	1	1	100.00	Detected
5317	9.9	262	16	1	1	100.00	Detected
5318	7.6	344	16	1	1	100.00	Detected
5310	9.7	249	18	1	1	100.00	Detected
5303	8.7	354	16	1	1	100.00	Detected
5315	8.7	264	18	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 4

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.00
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5310.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5307	18.9	314	15	1	1	100.00	Detected
5314	18.1	267	15	1	1	100.00	Detected
5313	12.6	253	14	1	1	100.00	Detected
5314	11.2	400	14	1	1	100.00	Detected
5312	18.5	500	13	1	1	100.00	Detected
5311	13.8	306	12	1	1	100.00	Detected
5314	18.6	402	12	1	1	100.00	Detected
5314	19.9	223	14	1	1	100.00	Detected
5301	17.3	293	16	1	1	100.00	Detected
5312	15.1	338	12	1	1	100.00	Detected
5304	17.2	332	13	1	1	100.00	Detected
5315	17.4	240	12	1	1	100.00	Detected
5301	19.6	411	16	1	1	100.00	Detected
5313	18.4	260	12	1	1	100.00	Detected
5310	14.4	208	16	1	1	100.00	Detected
5303	13	221	15	1	1	100.00	Detected
5302	16.8	331	12	1	1	100.00	Detected
5314	17.2	493	12	1	1	100.00	Detected
5308	18.7	261	16	1	1	100.00	Detected
5317	11.5	276	12	1	0	0.00	Not Detected
5314	16.3	496	15	1	1	100.00	Detected
5306	12.1	459	12	1	0	0.00	Not Detected
5310	13.5	335	13	1	1	100.00	Detected
5309	16.4	209	16	1	1	100.00	Detected
5312	18.1	263	12	1	0	0.00	Not Detected
5306	12.1	310	13	1	1	100.00	Detected
5319	16.2	374	16	1	1	100.00	Detected
5312	14.1	250	14	1	1	100.00	Detected
5303	11.1	243	14	1	1	100.00	Detected
5305	13.8	311	16	1	1	100.00	Detected
			Aggregate:	**30**	**27**	**90.00**	**Pass**

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Equipment Configuration for Radar Type 5			
Variant:	802.11n HT-40	**Duty Cycle (%):**	20.00
Data Rate:	MCS0	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5310.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5294	1	1	100.00	Detected
Type 5 #2 5294	1	1	100.00	Detected
Type 5 #3 5310	1	1	100.00	Detected
Type 5 #4 5322	1	1	100.00	Detected
Type 5 #5 5326	1	1	100.00	Detected
Type 5 #6 5296	1	1	100.00	Detected
Type 5 #7 5310	1	1	100.00	Detected
Type 5 #8 5310	1	1	100.00	Detected
Type 5 #9 5321	1	1	100.00	Detected
Type 5 #10 5325	1	1	100.00	Detected
Type 5 #11 5310	1	1	100.00	Detected
Type 5 #12 5321	1	1	100.00	Detected
Type 5 #13 5296	1	1	100.00	Detected
Type 5 #14 5325	1	1	100.00	Detected
Type 5 #15 5310	1	1	100.00	Detected
Type 5 #16 5297	1	1	100.00	Detected
Type 5 #17 5294	1	1	100.00	Detected
Type 5 #18 5310	1	1	100.00	Detected
Type 5 #19 5296	1	1	100.00	Detected
Type 5 #20 5323	1	1	100.00	Detected
Type 5 #21 5324	1	1	100.00	Detected
Type 5 #22 5297	1	1	100.00	Detected
Type 5 #23 5324	1	1	100.00	Detected
Type 5 #24 5324	1	1	100.00	Detected
Type 5 #25 5310	1	1	100.00	Detected
Type 5 #26 5310	1	1	100.00	Detected
Type 5 #27 5310	1	1	100.00	Detected
Type 5 #28 5295	1	1	100.00	Detected
Type 5 #29 5310	1	1	100.00	Detected
Type 5 #30 5297	1	1	100.00	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

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Equipment Configuration for Radar Type 6

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.00
Data Rate:	MCS0	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5310.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

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

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5.1.5. 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.

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Equipment Configuration for Detection Bandwidth

Variant:	802.11a	**Duty Cycle (%):**	0.10
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5320.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5334 MHz	2	0	Not Detected
5330 MHz	3	1	Not Detected
5329 MHz	10	10	Detected
5328 MHz	10	10	Detected
5327 MHz	10	10	Detected
5326 MHz	10	10	Detected
5325 MHz	10	10	Detected
5320 MHz	10	10	Detected
5315 MHz	10	10	Detected
5310 MHz	10	10	Detected
5309 MHz	2	0	Not Detected
5305 MHz	2	0	Not Detected

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Equipment Configuration for Detection Bandwidth

Variant:	802.11ac-80	**Duty Cycle (%):**	0.10
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5290.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5335 MHz	2	0	Not Detected
5331 MHz	2	0	Not Detected
5330 MHz	10	10	Detected
5325 MHz	10	10	Detected
5320 MHz	10	10	Detected
5315 MHz	10	10	Detected
5310 MHz	10	10	Detected
5305 MHz	10	10	Detected
5300 MHz	10	10	Detected
5295 MHz	10	10	Detected
5290 MHz	10	10	Detected
5285 MHz	10	10	Detected
5280 MHz	10	10	Detected
5275 MHz	10	10	Detected
5270 MHz	10	10	Detected
5265 MHz	10	10	Detected
5260 MHz	10	10	Detected
5255 MHz	10	10	Detected
5250 MHz	10	10	Detected
5249 MHz	2	0	Not Detected
5245 MHz	2	0	Not Detected

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Equipment Configuration for Detection Bandwidth

Variant:	802.11n HT-40	**Duty Cycle (%):**	0.10
Data Rate:	MCS0	**Antenna Gain (dBi):**	3.50
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5310.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5335 MHz	2	0	Not Detected
5331 MHz	2	0	Not Detected
5330 MHz	10	10	Detected
5325 MHz	10	10	Detected
5320 MHz	10	10	Detected
5315 MHz	10	10	Detected
5310 MHz	10	10	Detected
5305 MHz	10	10	Detected
5300 MHz	10	10	Detected
5295 MHz	10	10	Detected
5290 MHz	10	9	Detected
5289 MHz	2	0	Not Detected
5285 MHz	2	0	Not Detected

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A. APPENDIX – Radar Signatures

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Type 5 #1 5320 [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	616571	75	1041	1816	130347	750000
2	1	19	56333	95	0	0	693572	750000
3	1	19	199528	92	0	0	550380	750000
4	3	19	340145	91	1682	1117	406783	750000
5	3	19	596744	90	1601	1927	149458	750000
6	3	19	304797	61	1233	1874	441913	750000
7	1	19	593394	59	0	0	156547	750000
8	3	19	190522	57	1910	1351	556046	750000
9	2	19	635163	50	1315	0	113422	750000
10	2	19	584213	57	1619	0	164054	750000
11	3	19	86677	61	1218	1018	660904	750000
12	3	19	609576	79	1001	1952	137234	750000
13	1	19	439068	93	0	0	310839	750000
14	3	19	663422	96	1010	1543	83737	750000
15	1	19	438079	71	0	0	311850	750000
16	2	19	58381	84	1951	0	689500	750000

Type 5 #2 5319 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	20	218854	95	1693	0	445929	666666
2	2	20	583731	69	1606	0	81191	666666
3	2	20	167309	72	1263	0	497950	666666
4	2	20	65266	69	1571	0	599691	666666
5	3	20	418943	84	1310	1505	244656	666666
6	3	20	98837	94	1034	1860	564653	666666
7	1	20	4885	81	0	0	661700	666666
8	1	20	359247	63	0	0	307356	666666
9	3	20	162902	92	1700	1708	500080	666666
10	3	20	387984	66	1827	1005	275652	666666
11	3	20	125147	85	1186	1740	538338	666666
12	1	20	341081	85	0	0	325500	666666
13	2	20	256040	90	1888	0	408558	666666
14	2	20	71419	71	1243	0	593862	666666
15	3	20	400933	64	1364	1966	262211	666666
16	2	20	31221	97	1943	0	633308	666666
17	1	20	177402	64	0	0	489200	666666
18	2	20	86284	71	1678	0	578562	666666

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Type 5 #3 5321 [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	635973	92	1861	1032	451767	1090909
2	3	19	240216	74	1892	1602	846977	1090909
3	3	19	1072141	100	1830	1148	15490	1090909
4	2	19	55406	77	1502	0	1033847	1090909
5	1	19	898576	61	0	0	192272	1090909
6	1	19	271538	97	0	0	819274	1090909
7	1	19	855238	86	0	0	235585	1090909
8	2	19	505149	54	1910	0	583742	1090909
9	1	19	725369	91	0	0	365449	1090909
10	1	19	478198	60	0	0	612651	1090909
11	1	19	53176	51	0	0	1037682	1090909

Type 5 #4 5320 [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	253121	58	1761	1553	410057	666666
2	2	18	133473	59	1508	0	531567	666666
3	1	18	249295	53	0	0	417318	666666
4	1	18	648384	61	0	0	18221	666666
5	2	18	256780	100	1031	0	408655	666666
6	3	18	749	95	1085	1200	663347	666666
7	2	18	73009	72	1750	0	591763	666666
8	2	18	88076	85	1762	0	576658	666666
9	1	18	136017	93	0	0	530556	666666
10	1	18	387075	100	0	0	279491	666666
11	3	18	260662	88	1485	1722	402533	666666
12	3	18	433237	89	1346	1376	230440	666666
13	1	18	338774	57	0	0	327835	666666
14	1	18	551733	88	0	0	114845	666666
15	3	18	557272	97	1298	1466	106339	666666
16	1	18	415512	57	0	0	251097	666666
17	1	18	338744	93	0	0	327829	666666
18	2	18	53948	81	1516	0	611040	666666

Type 5 #5 5320 [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	186349	92	1158	0	812309	1000000
2	1	6	138431	74	0	0	861495	1000000

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3	3	6	527370	87	1460	1019	469890	1000000
4	1	6	725248	86	0	0	274666	1000000
5	1	6	789645	92	0	0	210263	1000000
6	2	6	671662	59	1991	0	326229	1000000
7	1	6	841847	71	0	0	158082	1000000
8	3	6	89373	70	1810	1000	907607	1000000
9	1	6	415693	74	0	0	584233	1000000
10	3	6	624828	83	1782	1162	371979	1000000
11	2	6	368701	52	1687	0	629508	1000000
12	1	6	48897	62	0	0	951041	1000000

Type 5 #6 5320 [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	323795	72	1902	1488	339265	666666
2	2	9	161512	70	1620	0	503394	666666
3	2	9	563720	71	1931	0	100873	666666
4	1	9	79875	75	0	0	586716	666666
5	1	9	315378	87	0	0	351201	666666
6	3	9	146050	57	1917	1952	516576	666666
7	3	9	144185	74	1852	1161	519246	666666
8	3	9	426425	84	1874	1138	236977	666666
9	1	9	354440	82	0	0	312144	666666
10	3	9	467069	99	1925	1683	195692	666666
11	2	9	642660	85	1101	0	22735	666666
12	2	9	383540	81	1468	0	281496	666666
13	1	9	507862	70	0	0	158734	666666
14	3	9	227562	62	1848	1908	435162	666666
15	2	9	450932	69	1094	0	214502	666666
16	3	9	18203	67	1345	1328	645589	666666
17	3	9	39661	68	1253	1997	623551	666666
18	1	9	42136	62	0	0	624468	666666

Type 5 #7 5325 [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	13079	91	1574	0	735165	750000
2	3	9	442265	76	1083	1109	305315	750000
3	1	9	199912	55	0	0	550033	750000
4	1	9	229230	81	0	0	520689	750000
5	1	9	417634	53	0	0	332313	750000
6	1	9	386755	87	0	0	363158	750000
7	1	9	484186	60	0	0	265754	750000
8	3	9	563899	50	1540	1980	182431	750000

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9	3	9	663211	50	1990	1858	82791	750000
10	2	9	275732	73	1830	0	472292	750000
11	3	9	474977	63	1950	1902	270982	750000
12	1	9	286157	80	0	0	463763	750000
13	2	9	652464	68	1202	0	96198	750000
14	1	9	210649	98	0	0	539253	750000
15	2	9	585579	55	1737	0	162574	750000
16	2	9	657378	66	1175	0	91315	750000

Type 5 #8 5320 [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	397071	93	1742	1554	932687	1333333
2	2	12	860814	63	1373	0	471020	1333333
3	3	12	1010907	81	1299	1587	319297	1333333
4	2	12	1172552	79	1264	0	159359	1333333
5	1	12	614665	68	0	0	718600	1333333
6	2	12	650695	87	1266	0	681198	1333333
7	3	12	282284	52	1749	1923	1047221	1333333
8	1	12	968561	96	0	0	364676	1333333
9	2	12	704286	50	1331	0	627616	1333333

Type 5 #9 5320 [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	226472	94	1423	1068	370755	600000
2	2	10	1448	96	1956	0	596404	600000
3	3	10	225656	99	1793	1733	370521	600000
4	1	10	386168	70	0	0	213762	600000
5	1	10	521318	77	0	0	78605	600000
6	3	10	261517	74	1482	1912	334867	600000
7	3	10	194822	85	1138	1914	401871	600000
8	3	10	190092	88	1834	1612	406198	600000
9	1	10	222264	73	0	0	377663	600000
10	1	10	133656	90	0	0	466254	600000
11	1	10	425543	100	0	0	174357	600000
12	2	10	511290	67	1832	0	86744	600000
13	3	10	74732	53	1000	1212	522897	600000
14	1	10	336388	92	0	0	263520	600000
15	2	10	594315	76	1391	0	4142	600000
16	2	10	341471	99	1464	0	256867	600000
17	2	10	312456	68	1687	0	285721	600000
18	1	10	258815	95	0	0	341090	600000
19	1	10	392594	92	0	0	207314	600000

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20	3	10	514237	97	1551	1996	81925	600000

Type 5 #10 5313 [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	721173	88	1433	1371	366668	1090909
2	3	6	408509	86	1632	1386	679124	1090909
3	3	6	428180	85	1923	1241	659310	1090909
4	2	6	536808	87	1057	0	552870	1090909
5	2	6	658011	72	1651	0	431103	1090909
6	3	6	133096	65	1922	1150	954546	1090909
7	3	6	662531	77	1451	1960	424736	1090909
8	3	6	191392	90	1021	1513	896713	1090909
9	1	6	110042	71	0	0	980796	1090909
10	2	6	66700	57	1613	0	1022482	1090909
11	3	6	857718	63	1800	1932	229270	1090909

Type 5 #11 5320 [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	677679	94	1385	0	243824	923076
2	1	19	250580	100	0	0	672396	923076
3	3	19	423152	99	1241	1264	497122	923076
4	2	19	495991	84	1716	0	425201	923076
5	3	19	25262	53	1994	1274	894387	923076
6	3	19	44540	91	1676	1863	874724	923076
7	1	19	505444	62	0	0	417570	923076
8	2	19	565467	65	1847	0	355632	923076
9	3	19	614892	90	1980	1284	304650	923076
10	3	19	642225	66	1612	1242	277799	923076
11	3	19	128482	100	1576	1875	790843	923076
12	3	19	151188	53	1179	1101	769449	923076
13	3	19	102035	61	1013	1816	818029	923076

Type 5 #12 5320 [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	432186	100	0	0	767714	1200000
2	3	9	421197	75	1064	1620	775894	1200000
3	1	9	806530	63	0	0	393407	1200000
4	2	9	520756	58	1140	0	677988	1200000
5	2	9	387712	69	1816	0	810334	1200000
6	2	9	1044638	59	1416	0	153828	1200000

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7	3	9	1031217	52	1924	1773	164930	1200000
8	1	9	119919	52	0	0	1080029	1200000
9	3	9	91732	51	1789	1098	1105228	1200000
10	3	9	873671	90	1241	1668	323150	1200000

Type 5 #13 5323 [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	898281	86	1785	1075	298601	1200000
2	1	15	593851	64	0	0	606085	1200000
3	3	15	1157120	91	1322	1123	40162	1200000
4	3	15	295625	80	1593	1717	900825	1200000
5	3	15	25857	69	1175	1833	1170928	1200000
6	2	15	795401	72	1191	0	403264	1200000
7	2	15	734668	64	1641	0	463563	1200000
8	2	15	1009451	51	1784	0	188663	1200000
9	1	15	414898	53	0	0	785049	1200000
10	1	15	893578	97	0	0	306325	1200000

Type 5 #14 5320 [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	250808	95	1731	0	604413	857142
2	3	17	716664	90	1303	1304	137601	857142
3	3	17	473993	57	1650	1134	380194	857142
4	3	17	637218	75	1405	1655	216639	857142
5	2	17	591641	80	1085	0	264256	857142
6	1	17	535645	56	0	0	321441	857142
7	3	17	819946	92	1919	1713	33288	857142
8	2	17	659043	74	1040	0	196911	857142
9	1	17	672565	75	0	0	184502	857142
10	3	17	316143	81	1870	1742	537144	857142
11	1	17	132442	57	0	0	724643	857142
12	1	17	802712	74	0	0	54356	857142
13	1	17	829385	55	0	0	27702	857142
14	1	17	627656	54	0	0	229432	857142

Type 5 #15 5315 [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	452198	77	1462	1981	1044128	1500000
2	3	10	381094	54	1333	1377	1116034	1500000
3	2	10	749865	85	1839	0	748126	1500000

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4	2	10	1273309	64	1540	0	225023	1500000
5	2	10	709863	66	1294	0	788711	1500000
6	1	10	220417	59	0	0	1279524	1500000
7	1	10	657124	68	0	0	842808	1500000
8	2	10	1357874	85	1263	0	140693	1500000

Type 5 #16 5321 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	20	875786	81	1892	0	122160	1000000
2	1	20	437067	58	0	0	562875	1000000
3	3	20	827017	99	1145	1686	169855	1000000
4	3	20	898434	95	1839	1230	98212	1000000
5	3	20	343350	63	1308	1867	653286	1000000
6	2	20	776174	76	1897	0	221777	1000000
7	3	20	325439	67	1691	1862	670807	1000000
8	2	20	315888	51	1950	0	682060	1000000
9	2	20	908961	78	1546	0	89337	1000000
10	1	20	929834	66	0	0	70100	1000000
11	2	20	350641	91	1059	0	648118	1000000
12	2	20	778907	100	1639	0	219254	1000000

Type 5 #17 5325 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	265237	99	1352	0	933213	1200000
2	1	10	684652	79	0	0	515269	1200000
3	3	10	361448	87	1320	1661	835310	1200000
4	1	10	240964	88	0	0	958948	1200000
5	1	10	613983	64	0	0	585953	1200000
6	3	10	1104803	66	1980	1243	91776	1200000
7	3	10	457360	91	1379	1383	739605	1200000
8	1	10	850415	100	0	0	349485	1200000
9	2	10	804386	61	1037	0	394455	1200000
10	3	10	920088	84	1978	1345	276337	1200000

Type 5 #18 5315 [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	1446288	80	1235	0	52317	1500000
2	2	11	543103	55	1794	0	954993	1500000
3	3	11	272268	72	1053	1191	1225272	1500000
4	2	11	195491	92	1940	0	1302385	1500000

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5	3	11	1039957	96	1655	1001	457099	1500000
6	1	11	588556	100	0	0	911344	1500000
7	2	11	570492	57	1980	0	927414	1500000
8	2	11	1407538	73	1404	0	90912	1500000

Type 5 #19 5325 [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	144038	78	0	0	655884	800000
2	1	9	217591	52	0	0	582357	800000
3	2	9	52505	85	1580	0	745745	800000
4	3	9	433609	98	1801	1697	362599	800000
5	1	9	662752	53	0	0	137195	800000
6	3	9	741781	99	1427	1109	55386	800000
7	1	9	368506	71	0	0	431423	800000
8	2	9	359	70	1594	0	797907	800000
9	1	9	567714	67	0	0	232219	800000
10	1	9	180783	85	0	0	619132	800000
11	2	9	77585	56	1994	0	720309	800000
12	2	9	598434	59	1253	0	200195	800000
13	3	9	431256	88	1201	1728	365551	800000
14	2	9	624922	78	1264	0	173658	800000
15	2	9	556645	65	1351	0	241874	800000

Type 5 #20 5326 [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	848611	88	0	0	8443	857142
2	1	7	787446	76	0	0	69620	857142
3	3	7	540994	60	1389	1660	312919	857142
4	3	7	404984	75	1403	1769	448761	857142
5	2	7	701793	54	1445	0	153796	857142
6	2	7	853719	100	1401	0	1822	857142
7	1	7	511513	93	0	0	345536	857142
8	3	7	695883	72	1639	1952	157452	857142
9	2	7	59332	67	1943	0	795733	857142
10	2	7	191561	75	1777	0	663654	857142
11	3	7	842809	60	1999	1023	11131	857142
12	1	7	570386	60	0	0	286696	857142
13	2	7	799278	78	1138	0	56570	857142
14	2	7	300696	70	1264	0	555042	857142

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Type 5 #21 5313 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	111855	94	0	0	519629	631578
2	1	6	351021	61	0	0	280496	631578
3	1	6	143717	53	0	0	487808	631578
4	3	6	358844	85	1140	1430	269909	631578
5	1	6	137931	53	0	0	493594	631578
6	2	6	519408	77	1232	0	110784	631578
7	2	6	282281	67	1346	0	347817	631578
8	1	6	277746	82	0	0	353750	631578
9	2	6	28579	100	1515	0	601284	631578
10	2	6	115115	76	1869	0	514442	631578
11	2	6	422752	63	1210	0	207490	631578
12	3	6	142829	63	1793	1870	484897	631578
13	1	6	249299	98	0	0	382181	631578
14	3	6	38532	60	1853	1387	589626	631578
15	1	6	20742	93	0	0	610743	631578
16	3	6	435998	52	1960	1020	192444	631578
17	3	6	211577	93	1050	1848	416824	631578
18	3	6	481508	84	1710	1173	146935	631578
19	3	6	584022	60	1119	1049	45208	631578

Type 5 #22 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	445360	70	0	0	645479	1090909
2	3	6	264983	96	1314	1772	822552	1090909
3	2	6	905947	71	1894	0	182926	1090909
4	2	6	255416	64	1176	0	834189	1090909
5	3	6	803747	74	1966	1490	283484	1090909
6	2	6	20691	51	1934	0	1068182	1090909
7	1	6	782605	79	0	0	308225	1090909
8	1	6	868647	92	0	0	222170	1090909
9	3	6	826591	93	1602	1519	260918	1090909
10	3	6	101328	57	1518	1094	986798	1090909
11	2	6	705830	90	1039	0	383860	1090909

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Type 5 #23 5325 [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	889961	50	1224	1160	30581	923076
2	2	9	351634	84	1795	0	569479	923076
3	3	9	673409	69	1086	1966	246408	923076
4	1	9	868427	79	0	0	54570	923076
5	2	9	496851	57	1522	0	424589	923076
6	2	9	9161	53	1732	0	912077	923076
7	2	9	475546	67	1580	0	445816	923076
8	2	9	147782	80	1846	0	773288	923076
9	2	9	852968	84	1308	0	68632	923076
10	2	9	265244	67	1681	0	656017	923076
11	1	9	315607	78	0	0	607391	923076
12	2	9	285711	93	1702	0	635477	923076
13	2	9	715224	64	1936	0	205788	923076

Type 5 #24 5319 [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	723751	69	0	0	199256	923076
2	2	19	520721	90	1841	0	400334	923076
3	3	19	676798	57	1388	1611	243108	923076
4	1	19	363511	92	0	0	559473	923076
5	2	19	666008	87	1928	0	254966	923076
6	3	19	362339	75	1683	1533	557296	923076
7	3	19	831269	51	1231	1236	89187	923076
8	1	19	527522	86	0	0	395468	923076
9	1	19	403628	65	0	0	519383	923076
10	1	19	430279	95	0	0	492702	923076
11	1	19	514469	82	0	0	408525	923076
12	3	19	617087	90	1158	1204	303357	923076
13	3	19	157654	51	1116	1307	762846	923076

Type 5 #25 5318 [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	429840	56	1408	1823	566761	1000000
2	3	18	216934	55	1402	1971	779528	1000000
3	2	18	93177	88	1704	0	904943	1000000
4	2	18	500866	53	1951	0	497077	1000000
5	3	18	933640	91	1454	1707	62926	1000000

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6	2	18	99779	59	1744	0	898359	1000000
7	1	18	148359	86	0	0	851555	1000000
8	1	18	384534	57	0	0	615409	1000000
9	3	18	812745	63	1942	1853	183271	1000000
10	1	18	32365	73	0	0	967562	1000000
11	3	18	304989	65	1415	1768	691633	1000000
12	2	18	884348	68	1939	0	113577	1000000

Type 5 #26 5327 [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	323810	58	0	0	767041	1090909
2	2	5	949983	78	1327	0	139443	1090909
3	3	5	814272	78	1893	1002	273508	1090909
4	1	5	747931	51	0	0	342927	1090909
5	2	5	805671	65	1266	0	283842	1090909
6	1	5	79920	79	0	0	1010910	1090909
7	1	5	853400	86	0	0	237423	1090909
8	2	5	50531	62	1335	0	1038919	1090909
9	2	5	200953	98	1849	0	887911	1090909
10	2	5	165729	82	1814	0	923202	1090909
11	2	5	617438	96	1044	0	472235	1090909

Type 5 #27 5313 [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	351768	53	1254	1174	736554	1090909
2	3	6	126331	68	1758	1134	961482	1090909
3	2	6	127388	85	1836	0	961515	1090909
4	3	6	89463	96	1925	1159	998074	1090909
5	1	6	75103	50	0	0	1015756	1090909
6	2	6	986693	84	1518	0	102530	1090909
7	3	6	11340	66	1168	1781	1076422	1090909
8	1	6	746061	66	0	0	344782	1090909
9	2	6	645913	64	1691	0	443177	1090909
10	3	6	768775	80	1846	1610	318438	1090909
11	1	6	1076659	97	0	0	14153	1090909

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Type 5 #28 5317 [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	293243	83	0	0	629750	923076
2	1	15	750731	77	0	0	172268	923076
3	1	15	818626	78	0	0	104372	923076
4	2	15	79813	51	1800	0	841361	923076
5	3	15	399263	60	1751	1839	520043	923076
6	1	15	748949	74	0	0	174053	923076
7	3	15	564713	54	1852	1637	354712	923076
8	1	15	340621	57	0	0	582398	923076
9	2	15	30681	66	1324	0	890939	923076
10	2	15	421154	74	1114	0	500660	923076
11	1	15	66630	59	0	0	856387	923076
12	3	15	213774	52	1675	1840	705631	923076
13	1	15	672175	92	0	0	250809	923076

Type 5 #29 5325 [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	406954	94	1182	0	448818	857142
2	2	9	347115	95	1209	0	508628	857142
3	3	9	520492	54	1038	1942	333508	857142
4	2	9	803525	89	1920	0	51519	857142
5	1	9	209974	91	0	0	647077	857142
6	3	9	213047	72	1597	1280	641002	857142
7	2	9	394981	79	1165	0	460838	857142
8	1	9	93186	77	0	0	763879	857142
9	1	9	794967	73	0	0	62102	857142
10	1	9	806793	52	0	0	50297	857142
11	1	9	407464	83	0	0	449595	857142
12	3	9	682102	76	1333	1306	172173	857142
13	3	9	424334	85	1175	1287	430091	857142
14	1	9	749825	69	0	0	107248	857142

Type 5 #30 5318 [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	245509	74	1130	1897	951242	1200000
2	3	17	927553	75	1348	1628	269246	1200000
3	2	17	494786	53	1832	0	703276	1200000
4	1	17	1121060	84	0	0	78856	1200000

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5	3	17	647778	77	1539	1771	548681	1200000
6	3	17	350109	100	1230	1047	847314	1200000
7	1	17	212374	83	0	0	987543	1200000
8	1	17	885131	85	0	0	314784	1200000
9	3	17	980355	97	1301	1452	216601	1200000
10	2	17	477745	52	1278	0	720873	1200000

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Type 6 #1 [Back to Summary]									
#01-5387	#02-5667	#03-5715	#04-5694	#05-5529	#06-5309	#07-5349	#08-5564	#09-5268	#10-5492
#11-5305	#12-5525	#13-5583	#14-5477	#15-5431	#16-5447	#17-5711	#18-5487	#19-5373	#20-5495
#21-5265	#22-5324	#23-5369	#24-5693	#25-5361	#26-5291	#27-5436	#28-5285	#29-5306	#30-5671
#31-5587	#32-5549	#33-5560	#34-5299	#35-5250	#36-5400	#37-5574	#38-5686	#39-5530	#40-5261
#41-5480	#42-5717	#43-5585	#44-5334	#45-5639	#46-5595	#47-5609	#48-5675	#49-5457	#50-5254
#51-5284	#52-5620	#53-5415	#54-5668	#55-5352	#56-5318	#57-5547	#58-5273	#59-5584	#60-5490
#61-5602	#62-5319	#63-5512	#64-5328	#65-5634	#66-5483	#67-5691	#68-5534	#69-5475	#70-5288
#71-5604	#72-5276	#73-5684	#74-5368	#75-5266	#76-5278	#77-5467	#78-5295	#79-5313	#80-5499
#81-5414	#82-5486	#83-5557	#84-5308	#85-5642	#86-5692	#87-5391	#88-5616	#89-5674	#90-5659
#91-5573	#92-5550	#93-5362	#94-5294	#95-5394	#96-5421	#97-5458	#98-5513	#99-5427	#100-5410

Type 6 #2 [Back to Summary]									
#01-5625	#02-5322	#03-5449	#04-5421	#05-5377	#06-5258	#07-5659	#08-5301	#09-5655	#10-5325
#11-5571	#12-5510	#13-5692	#14-5340	#15-5331	#16-5369	#17-5487	#18-5463	#19-5409	#20-5668
#21-5352	#22-5328	#23-5585	#24-5542	#25-5438	#26-5300	#27-5644	#28-5646	#29-5702	#30-5574
#31-5543	#32-5683	#33-5590	#34-5621	#35-5593	#36-5337	#37-5282	#38-5384	#39-5647	#40-5628
#41-5280	#42-5334	#43-5684	#44-5599	#45-5344	#46-5313	#47-5580	#48-5264	#49-5686	#50-5269
#51-5654	#52-5720	#53-5358	#54-5481	#55-5306	#56-5544	#57-5466	#58-5630	#59-5711	#60-5327
#61-5346	#62-5262	#63-5329	#64-5336	#65-5506	#66-5610	#67-5641	#68-5318	#69-5473	#70-5717
#71-5341	#72-5363	#73-5535	#74-5502	#75-5632	#76-5267	#77-5380	#78-5707	#79-5453	#80-5382
#81-5446	#82-5624	#83-5685	#84-5678	#85-5640	#86-5545	#87-5573	#88-5366	#89-5561	#90-5295
#91-5592	#92-5386	#93-5404	#94-5565	#95-5534	#96-5270	#97-5255	#98-5600	#99-5354	#100-5456

Type 6 #3 [Back to Summary]									
#01-5395	#02-5516	#03-5520	#04-5692	#05-5660	#06-5551	#07-5430	#08-5574	#09-5571	#10-5287
#11-5425	#12-5480	#13-5432	#14-5590	#15-5608	#16-5434	#17-5300	#18-5366	#19-5408	#20-5683
#21-5281	#22-5535	#23-5474	#24-5421	#25-5367	#26-5682	#27-5680	#28-5693	#29-5687	#30-5614
#31-5259	#32-5491	#33-5611	#34-5722	#35-5702	#36-5649	#37-5355	#38-5718	#39-5269	#40-5340
#41-5363	#42-5255	#43-5509	#44-5528	#45-5592	#46-5362	#47-5664	#48-5530	#49-5688	#50-5351
#51-5691	#52-5609	#53-5441	#54-5384	#55-5416	#56-5581	#57-5290	#58-5342	#59-5568	#60-5704
#61-5591	#62-5462	#63-5610	#64-5676	#65-5276	#66-5653	#67-5588	#68-5433	#69-5606	#70-5673
#71-5321	#72-5307	#73-5346	#74-5316	#75-5559	#76-5275	#77-5272	#78-5665	#79-5546	#80-5253
#81-5264	#82-5399	#83-5251	#84-5576	#85-5641	#86-5375	#87-5304	#88-5473	#89-5547	#90-5370
#91-5612	#92-5266	#93-5398	#94-5295	#95-5472	#96-5625	#97-5373	#98-5550	#99-5500	#100-5656

Type 6 #4 [Back to Summary]									
#01-5495	#02-5481	#03-5646	#04-5260	#05-5281	#06-5635	#07-5514	#08-5374	#09-5546	#10-5393
#11-5563	#12-5345	#13-5517	#14-5570	#15-5691	#16-5445	#17-5462	#18-5282	#19-5287	#20-5631
#21-5610	#22-5369	#23-5608	#24-5494	#25-5317	#26-5311	#27-5639	#28-5309	#29-5571	#30-5668
#31-5634	#32-5442	#33-5417	#34-5618	#35-5483	#36-5506	#37-5475	#38-5717	#39-5550	#40-5261
#41-5584	#42-5653	#43-5658	#44-5407	#45-5528	#46-5515	#47-5468	#48-5552	#49-5325	#50-5275
#51-5410	#52-5337	#53-5520	#54-5597	#55-5301	#56-5375	#57-5600	#58-5399	#59-5672	#60-5697
#61-5723	#62-5451	#63-5530	#64-5604	#65-5479	#66-5364	#67-5655	#68-5623	#69-5333	#70-5430
#71-5695	#72-5466	#73-5450	#74-5272	#75-5296	#76-5685	#77-5435	#78-5444	#79-5692	#80-5525
#81-5562	#82-5332	#83-5710	#84-5541	#85-5500	#86-5547	#87-5651	#88-5544	#89-5567	#90-5355

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#91-5632	#92-5324	#93-5297	#94-5581	#95-5262	#96-5378	#97-5368	#98-5300	#99-5654	#100-5409

Type 6 #5 [Back to Summary]									
#01-5589	#02-5573	#03-5467	#04-5616	#05-5307	#06-5666	#07-5605	#08-5493	#09-5547	#10-5341
#11-5660	#12-5398	#13-5432	#14-5390	#15-5380	#16-5640	#17-5469	#18-5712	#19-5349	#20-5661
#21-5440	#22-5354	#23-5303	#24-5701	#25-5525	#26-5614	#27-5421	#28-5597	#29-5260	#30-5642
#31-5560	#32-5387	#33-5520	#34-5527	#35-5662	#36-5714	#37-5586	#38-5338	#39-5482	#40-5558
#41-5668	#42-5403	#43-5721	#44-5471	#45-5419	#46-5479	#47-5618	#48-5629	#49-5444	#50-5342
#51-5632	#52-5377	#53-5675	#54-5715	#55-5693	#56-5478	#57-5512	#58-5488	#59-5332	#60-5411
#61-5490	#62-5255	#63-5480	#64-5628	#65-5502	#66-5517	#67-5598	#68-5626	#69-5449	#70-5384
#71-5294	#72-5368	#73-5470	#74-5511	#75-5719	#76-5282	#77-5352	#78-5553	#79-5526	#80-5289
#81-5722	#82-5514	#83-5394	#84-5637	#85-5257	#86-5424	#87-5434	#88-5533	#89-5557	#90-5418
#91-5439	#92-5337	#93-5252	#94-5314	#95-5315	#96-5659	#97-5647	#98-5333	#99-5694	#100-5624

Type 6 #6 [Back to Summary]									
#01-5604	#02-5714	#03-5423	#04-5305	#05-5296	#06-5507	#07-5632	#08-5409	#09-5720	#10-5658
#11-5373	#12-5685	#13-5689	#14-5294	#15-5420	#16-5699	#17-5577	#18-5567	#19-5620	#20-5324
#21-5330	#22-5320	#23-5322	#24-5278	#25-5671	#26-5675	#27-5375	#28-5408	#29-5448	#30-5308
#31-5366	#32-5268	#33-5584	#34-5621	#35-5417	#36-5257	#37-5346	#38-5349	#39-5589	#40-5479
#41-5523	#42-5280	#43-5537	#44-5623	#45-5303	#46-5486	#47-5387	#48-5681	#49-5622	#50-5347
#51-5334	#52-5329	#53-5446	#54-5618	#55-5548	#56-5533	#57-5643	#58-5398	#59-5361	#60-5350
#61-5390	#62-5478	#63-5690	#64-5661	#65-5545	#66-5359	#67-5355	#68-5316	#69-5605	#70-5421
#71-5607	#72-5490	#73-5705	#74-5403	#75-5527	#76-5297	#77-5511	#78-5431	#79-5703	#80-5447
#81-5547	#82-5425	#83-5512	#84-5357	#85-5704	#86-5285	#87-5556	#88-5688	#89-5326	#90-5603
#91-5341	#92-5670	#93-5713	#94-5498	#95-5344	#96-5293	#97-5314	#98-5596	#99-5332	#100-5668

Type 6 #7 [Back to Summary]									
#01-5382	#02-5315	#03-5326	#04-5462	#05-5460	#06-5570	#07-5347	#08-5292	#09-5345	#10-5501
#11-5274	#12-5473	#13-5418	#14-5643	#15-5528	#16-5693	#17-5690	#18-5588	#19-5683	#20-5508
#21-5527	#22-5386	#23-5716	#24-5250	#25-5322	#26-5658	#27-5498	#28-5457	#29-5304	#30-5480
#31-5708	#32-5633	#33-5344	#34-5280	#35-5308	#36-5482	#37-5342	#38-5298	#39-5618	#40-5389
#41-5666	#42-5515	#43-5597	#44-5555	#45-5582	#46-5596	#47-5510	#48-5323	#49-5697	#50-5377
#51-5335	#52-5454	#53-5641	#54-5548	#55-5399	#56-5722	#57-5325	#58-5328	#59-5393	#60-5530
#61-5319	#62-5614	#63-5712	#64-5591	#65-5516	#66-5368	#67-5379	#68-5391	#69-5585	#70-5291
#71-5604	#72-5642	#73-5691	#74-5549	#75-5565	#76-5263	#77-5513	#78-5416	#79-5400	#80-5451
#81-5406	#82-5430	#83-5488	#84-5655	#85-5398	#86-5505	#87-5718	#88-5525	#89-5611	#90-5307
#91-5409	#92-5264	#93-5636	#94-5346	#95-5312	#96-5300	#97-5529	#98-5255	#99-5286	#100-5469

Type 6 #8 [Back to Summary]									
#01-5469	#02-5372	#03-5462	#04-5652	#05-5499	#06-5416	#07-5488	#08-5341	#09-5706	#10-5380
#11-5457	#12-5636	#13-5656	#14-5661	#15-5373	#16-5617	#17-5375	#18-5307	#19-5445	#20-5260
#21-5369	#22-5578	#23-5505	#24-5526	#25-5613	#26-5586	#27-5255	#28-5600	#29-5484	#30-5513
#31-5467	#32-5510	#33-5371	#34-5657	#35-5709	#36-5278	#37-5689	#38-5558	#39-5403	#40-5702
#41-5266	#42-5625	#43-5541	#44-5475	#45-5576	#46-5492	#47-5330	#48-5698	#49-5691	#50-5417
#51-5649	#52-5458	#53-5534	#54-5276	#55-5339	#56-5614	#57-5593	#58-5665	#59-5288	#60-5635
#61-5407	#62-5608	#63-5579	#64-5438	#65-5638	#66-5675	#67-5508	#68-5251	#69-5678	#70-5343

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#71-5653	#72-5539	#73-5624	#74-5460	#75-5721	#76-5463	#77-5286	#78-5274	#79-5670	#80-5364
#81-5498	#82-5283	#83-5628	#84-5314	#85-5580	#86-5254	#87-5699	#88-5347	#89-5555	#90-5338
#91-5404	#92-5275	#93-5519	#94-5489	#95-5538	#96-5379	#97-5296	#98-5348	#99-5561	#100-5623

Type 6 #9 [Back to Summary]									
#01-5707	#02-5332	#03-5270	#04-5595	#05-5488	#06-5359	#07-5559	#08-5316	#09-5281	#10-5598
#11-5579	#12-5570	#13-5718	#14-5642	#15-5385	#16-5380	#17-5702	#18-5516	#19-5583	#20-5633
#21-5698	#22-5412	#23-5415	#24-5585	#25-5663	#26-5629	#27-5271	#28-5386	#29-5650	#30-5588
#31-5427	#32-5664	#33-5435	#34-5293	#35-5388	#36-5420	#37-5260	#38-5288	#39-5546	#40-5475
#41-5422	#42-5631	#43-5318	#44-5688	#45-5486	#46-5557	#47-5280	#48-5603	#49-5357	#50-5411
#51-5399	#52-5499	#53-5487	#54-5655	#55-5652	#56-5540	#57-5641	#58-5407	#59-5657	#60-5577
#61-5335	#62-5425	#63-5387	#64-5414	#65-5421	#66-5638	#67-5379	#68-5677	#69-5503	#70-5690
#71-5363	#72-5668	#73-5693	#74-5351	#75-5463	#76-5314	#77-5342	#78-5453	#79-5346	#80-5349
#81-5599	#82-5394	#83-5276	#84-5492	#85-5446	#86-5651	#87-5432	#88-5509	#89-5364	#90-5566
#91-5505	#92-5574	#93-5352	#94-5695	#95-5390	#96-5722	#97-5494	#98-5623	#99-5520	#100-5568

Type 6 #10 [Back to Summary]									
#01-5426	#02-5330	#03-5350	#04-5394	#05-5293	#06-5461	#07-5534	#08-5381	#09-5444	#10-5586
#11-5450	#12-5442	#13-5309	#14-5557	#15-5707	#16-5669	#17-5396	#18-5627	#19-5698	#20-5494
#21-5465	#22-5605	#23-5560	#24-5659	#25-5435	#26-5517	#27-5562	#28-5724	#29-5691	#30-5466
#31-5549	#32-5440	#33-5655	#34-5501	#35-5648	#36-5518	#37-5290	#38-5609	#39-5439	#40-5708
#41-5365	#42-5294	#43-5312	#44-5507	#45-5368	#46-5308	#47-5519	#48-5528	#49-5711	#50-5445
#51-5578	#52-5593	#53-5652	#54-5274	#55-5356	#56-5547	#57-5493	#58-5410	#59-5680	#60-5500
#61-5622	#62-5532	#63-5406	#64-5699	#65-5279	#66-5253	#67-5508	#68-5533	#69-5629	#70-5429
#71-5624	#72-5509	#73-5422	#74-5715	#75-5364	#76-5408	#77-5541	#78-5298	#79-5539	#80-5370
#81-5723	#82-5280	#83-5261	#84-5491	#85-5615	#86-5682	#87-5512	#88-5631	#89-5385	#90-5346
#91-5270	#92-5602	#93-5653	#94-5666	#95-5332	#96-5565	#97-5607	#98-5335	#99-5471	#100-5362

Type 6 #11 [Back to Summary]									
#01-5527	#02-5709	#03-5623	#04-5522	#05-5546	#06-5314	#07-5410	#08-5664	#09-5631	#10-5669
#11-5258	#12-5443	#13-5600	#14-5553	#15-5499	#16-5588	#17-5515	#18-5641	#19-5334	#20-5322
#21-5461	#22-5604	#23-5387	#24-5523	#25-5411	#26-5271	#27-5581	#28-5484	#29-5629	#30-5531
#31-5530	#32-5446	#33-5550	#34-5416	#35-5573	#36-5264	#37-5379	#38-5460	#39-5677	#40-5548
#41-5518	#42-5576	#43-5723	#44-5441	#45-5341	#46-5554	#47-5250	#48-5346	#49-5408	#50-5467
#51-5293	#52-5694	#53-5253	#54-5397	#55-5632	#56-5650	#57-5570	#58-5347	#59-5358	#60-5521
#61-5454	#62-5651	#63-5285	#64-5348	#65-5384	#66-5534	#67-5621	#68-5429	#69-5707	#70-5485
#71-5452	#72-5304	#73-5692	#74-5507	#75-5524	#76-5615	#77-5608	#78-5670	#79-5425	#80-5587
#81-5272	#82-5479	#83-5321	#84-5402	#85-5486	#86-5566	#87-5440	#88-5392	#89-5512	#90-5656
#91-5414	#92-5284	#93-5351	#94-5393	#95-5337	#96-5605	#97-5542	#98-5628	#99-5308	#100-5538

Type 6 #12 [Back to Summary]									
#01-5658	#02-5542	#03-5366	#04-5650	#05-5263	#06-5713	#07-5250	#08-5466	#09-5600	#10-5266
#11-5292	#12-5627	#13-5640	#14-5498	#15-5504	#16-5698	#17-5571	#18-5599	#19-5582	#20-5544
#21-5336	#22-5467	#23-5639	#24-5306	#25-5320	#26-5419	#27-5677	#28-5539	#29-5418	#30-5649
#31-5325	#32-5707	#33-5603	#34-5617	#35-5653	#36-5449	#37-5367	#38-5396	#39-5393	#40-5496
#41-5560	#42-5705	#43-5518	#44-5497	#45-5608	#46-5512	#47-5365	#48-5575	#49-5616	#50-5363

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#51-5277	#52-5664	#53-5288	#54-5483	#55-5445	#56-5433	#57-5625	#58-5311	#59-5578	#60-5563
#61-5285	#62-5429	#63-5297	#64-5678	#65-5667	#66-5308	#67-5272	#68-5270	#69-5567	#70-5304
#71-5579	#72-5423	#73-5455	#74-5338	#75-5710	#76-5356	#77-5673	#78-5389	#79-5416	#80-5525
#81-5302	#82-5349	#83-5647	#84-5305	#85-5621	#86-5387	#87-5670	#88-5371	#89-5422	#90-5468
#91-5549	#92-5309	#93-5537	#94-5550	#95-5463	#96-5383	#97-5661	#98-5570	#99-5558	#100-5551

Type 6 #13 [Back to Summary]									
#01-5493	#02-5348	#03-5258	#04-5568	#05-5511	#06-5578	#07-5455	#08-5679	#09-5505	#10-5344
#11-5489	#12-5486	#13-5620	#14-5304	#15-5519	#16-5664	#17-5509	#18-5718	#19-5302	#20-5531
#21-5364	#22-5632	#23-5576	#24-5355	#25-5471	#26-5528	#27-5610	#28-5633	#29-5596	#30-5577
#31-5417	#32-5347	#33-5551	#34-5591	#35-5282	#36-5680	#37-5336	#38-5328	#39-5516	#40-5294
#41-5657	#42-5714	#43-5586	#44-5323	#45-5700	#46-5311	#47-5409	#48-5480	#49-5281	#50-5525
#51-5600	#52-5667	#53-5515	#54-5279	#55-5435	#56-5587	#57-5494	#58-5629	#59-5342	#60-5708
#61-5692	#62-5547	#63-5332	#64-5652	#65-5648	#66-5388	#67-5661	#68-5275	#69-5269	#70-5560
#71-5570	#72-5424	#73-5445	#74-5256	#75-5599	#76-5375	#77-5296	#78-5495	#79-5382	#80-5411
#81-5367	#82-5377	#83-5598	#84-5319	#85-5705	#86-5474	#87-5554	#88-5518	#89-5400	#90-5422
#91-5429	#92-5436	#93-5713	#94-5535	#95-5327	#96-5357	#97-5634	#98-5659	#99-5401	#100-5559

Type 6 #14 [Back to Summary]									
#01-5376	#02-5383	#03-5464	#04-5445	#05-5676	#06-5420	#07-5467	#08-5513	#09-5407	#10-5313
#11-5543	#12-5723	#13-5499	#14-5655	#15-5594	#16-5569	#17-5678	#18-5263	#19-5672	#20-5417
#21-5558	#22-5389	#23-5603	#24-5574	#25-5381	#26-5386	#27-5438	#28-5641	#29-5652	#30-5492
#31-5468	#32-5357	#33-5343	#34-5546	#35-5284	#36-5707	#37-5634	#38-5399	#39-5364	#40-5534
#41-5264	#42-5293	#43-5358	#44-5333	#45-5608	#46-5432	#47-5664	#48-5306	#49-5666	#50-5487
#51-5403	#52-5617	#53-5709	#54-5706	#55-5251	#56-5710	#57-5505	#58-5613	#59-5308	#60-5536
#61-5703	#62-5548	#63-5581	#64-5637	#65-5567	#66-5426	#67-5623	#68-5675	#69-5615	#70-5605
#71-5654	#72-5520	#73-5616	#74-5382	#75-5400	#76-5508	#77-5278	#78-5511	#79-5691	#80-5679
#81-5446	#82-5372	#83-5699	#84-5413	#85-5335	#86-5571	#87-5370	#88-5356	#89-5538	#90-5297
#91-5451	#92-5269	#93-5336	#94-5553	#95-5550	#96-5439	#97-5434	#98-5447	#99-5486	#100-5425

Type 6 #15 [Back to Summary]									
#01-5530	#02-5711	#03-5413	#04-5304	#05-5553	#06-5600	#07-5721	#08-5569	#09-5550	#10-5460
#11-5677	#12-5712	#13-5645	#14-5354	#15-5335	#16-5574	#17-5570	#18-5412	#19-5544	#20-5718
#21-5297	#22-5504	#23-5380	#24-5565	#25-5405	#26-5635	#27-5433	#28-5312	#29-5558	#30-5687
#31-5325	#32-5555	#33-5275	#34-5509	#35-5395	#36-5461	#37-5689	#38-5644	#39-5590	#40-5463
#41-5580	#42-5527	#43-5532	#44-5329	#45-5345	#46-5458	#47-5346	#48-5707	#49-5466	#50-5700
#51-5594	#52-5269	#53-5622	#54-5490	#55-5375	#56-5268	#57-5579	#58-5568	#59-5620	#60-5639
#61-5409	#62-5656	#63-5257	#64-5588	#65-5381	#66-5366	#67-5683	#68-5379	#69-5679	#70-5598
#71-5608	#72-5649	#73-5539	#74-5327	#75-5385	#76-5483	#77-5695	#78-5296	#79-5465	#80-5666
#81-5528	#82-5442	#83-5563	#84-5578	#85-5340	#86-5302	#87-5659	#88-5496	#89-5378	#90-5371
#91-5609	#92-5363	#93-5273	#94-5673	#95-5298	#96-5647	#97-5515	#98-5671	#99-5669	#100-5702

Type 6 #16 [Back to Summary]									
#01-5502	#02-5689	#03-5277	#04-5594	#05-5343	#06-5667	#07-5446	#08-5540	#09-5358	#10-5613
#11-5299	#12-5527	#13-5351	#14-5677	#15-5350	#16-5690	#17-5335	#18-5402	#19-5493	#20-5327
#21-5434	#22-5431	#23-5724	#24-5556	#25-5714	#26-5488	#27-5624	#28-5598	#29-5280	#30-5464

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#31-5691	#32-5271	#33-5355	#34-5492	#35-5416	#36-5575	#37-5422	#38-5701	#39-5489	#40-5401
#41-5584	#42-5370	#43-5396	#44-5499	#45-5324	#46-5329	#47-5266	#48-5321	#49-5576	#50-5337
#51-5564	#52-5377	#53-5435	#54-5597	#55-5522	#56-5318	#57-5688	#58-5451	#59-5608	#60-5581
#61-5290	#62-5573	#63-5512	#64-5622	#65-5648	#66-5275	#67-5426	#68-5586	#69-5513	#70-5503
#71-5520	#72-5362	#73-5640	#74-5340	#75-5470	#76-5310	#77-5282	#78-5478	#79-5479	#80-5637
#81-5471	#82-5554	#83-5272	#84-5671	#85-5630	#86-5569	#87-5567	#88-5484	#89-5700	#90-5345
#91-5614	#92-5702	#93-5347	#94-5638	#95-5365	#96-5259	#97-5588	#98-5506	#99-5574	#100-5298

Type 6 #17 [Back to Summary]									
#01-5631	#02-5409	#03-5537	#04-5323	#05-5544	#06-5452	#07-5461	#08-5340	#09-5374	#10-5456
#11-5288	#12-5465	#13-5694	#14-5697	#15-5358	#16-5468	#17-5551	#18-5568	#19-5717	#20-5327
#21-5433	#22-5664	#23-5610	#24-5415	#25-5615	#26-5542	#27-5262	#28-5251	#29-5704	#30-5458
#31-5451	#32-5504	#33-5628	#34-5425	#35-5252	#36-5309	#37-5266	#38-5674	#39-5376	#40-5422
#41-5356	#42-5482	#43-5362	#44-5497	#45-5304	#46-5398	#47-5257	#48-5378	#49-5531	#50-5623
#51-5440	#52-5272	#53-5518	#54-5501	#55-5594	#56-5692	#57-5529	#58-5371	#59-5436	#60-5253
#61-5443	#62-5467	#63-5361	#64-5645	#65-5255	#66-5519	#67-5567	#68-5523	#69-5696	#70-5300
#71-5455	#72-5603	#73-5442	#74-5553	#75-5699	#76-5682	#77-5561	#78-5367	#79-5360	#80-5475
#81-5545	#82-5619	#83-5453	#84-5332	#85-5274	#86-5432	#87-5718	#88-5385	#89-5572	#90-5286
#91-5516	#92-5624	#93-5496	#94-5375	#95-5709	#96-5629	#97-5364	#98-5446	#99-5495	#100-5526

Type 6 #18 [Back to Summary]									
#01-5563	#02-5463	#03-5403	#04-5478	#05-5419	#06-5565	#07-5554	#08-5693	#09-5522	#10-5633
#11-5385	#12-5405	#13-5258	#14-5691	#15-5438	#16-5549	#17-5259	#18-5279	#19-5621	#20-5544
#21-5518	#22-5424	#23-5679	#24-5660	#25-5510	#26-5558	#27-5354	#28-5315	#29-5562	#30-5324
#31-5571	#32-5357	#33-5605	#34-5572	#35-5630	#36-5321	#37-5457	#38-5699	#39-5640	#40-5429
#41-5603	#42-5273	#43-5587	#44-5655	#45-5620	#46-5350	#47-5610	#48-5519	#49-5662	#50-5404
#51-5613	#52-5334	#53-5541	#54-5671	#55-5723	#56-5382	#57-5502	#58-5464	#59-5690	#60-5584
#61-5450	#62-5482	#63-5376	#64-5442	#65-5310	#66-5278	#67-5525	#68-5410	#69-5308	#70-5363
#71-5338	#72-5285	#73-5364	#74-5439	#75-5668	#76-5493	#77-5566	#78-5272	#79-5290	#80-5409
#81-5674	#82-5556	#83-5379	#84-5399	#85-5435	#86-5481	#87-5534	#88-5659	#89-5574	#90-5490
#91-5535	#92-5717	#93-5256	#94-5299	#95-5702	#96-5362	#97-5618	#98-5386	#99-5592	#100-5593

Type 6 #19 [Back to Summary]									
#01-5549	#02-5445	#03-5462	#04-5542	#05-5317	#06-5579	#07-5696	#08-5358	#09-5252	#10-5478
#11-5548	#12-5485	#13-5426	#14-5530	#15-5642	#16-5625	#17-5355	#18-5706	#19-5262	#20-5560
#21-5468	#22-5596	#23-5570	#24-5544	#25-5555	#26-5346	#27-5278	#28-5314	#29-5463	#30-5552
#31-5607	#32-5423	#33-5407	#34-5421	#35-5589	#36-5475	#37-5342	#38-5567	#39-5332	#40-5587
#41-5508	#42-5424	#43-5659	#44-5339	#45-5671	#46-5300	#47-5536	#48-5450	#49-5383	#50-5323
#51-5258	#52-5640	#53-5376	#54-5281	#55-5372	#56-5682	#57-5608	#58-5646	#59-5714	#60-5694
#61-5550	#62-5633	#63-5620	#64-5425	#65-5600	#66-5369	#67-5322	#68-5254	#69-5672	#70-5412
#71-5525	#72-5514	#73-5623	#74-5401	#75-5297	#76-5291	#77-5666	#78-5477	#79-5604	#80-5500
#81-5532	#82-5551	#83-5658	#84-5388	#85-5539	#86-5695	#87-5299	#88-5378	#89-5302	#90-5634
#91-5601	#92-5428	#93-5576	#94-5363	#95-5280	#96-5606	#97-5526	#98-5476	#99-5465	#100-5545

Type 6 #20 [Back to Summary]									
#01-5702	#02-5533	#03-5506	#04-5694	#05-5519	#06-5463	#07-5264	#08-5695	#09-5707	#10-5328

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#11-5266	#12-5374	#13-5290	#14-5459	#15-5408	#16-5250	#17-5700	#18-5479	#19-5608	#20-5629
#21-5320	#22-5668	#23-5673	#24-5291	#25-5540	#26-5353	#27-5663	#28-5504	#29-5373	#30-5420
#31-5485	#32-5434	#33-5259	#34-5307	#35-5527	#36-5252	#37-5296	#38-5682	#39-5593	#40-5332
#41-5676	#42-5335	#43-5399	#44-5698	#45-5613	#46-5475	#47-5391	#48-5367	#49-5679	#50-5283
#51-5624	#52-5306	#53-5592	#54-5562	#55-5478	#56-5282	#57-5581	#58-5469	#59-5409	#60-5423
#61-5525	#62-5487	#63-5573	#64-5541	#65-5570	#66-5556	#67-5366	#68-5711	#69-5656	#70-5406
#71-5680	#72-5268	#73-5609	#74-5530	#75-5672	#76-5716	#77-5521	#78-5703	#79-5397	#80-5316
#81-5685	#82-5550	#83-5547	#84-5343	#85-5513	#86-5430	#87-5564	#88-5419	#89-5552	#90-5491
#91-5390	#92-5548	#93-5526	#94-5424	#95-5524	#96-5442	#97-5477	#98-5587	#99-5376	#100-5310

Type 6 #21 [Back to Summary]									
#01-5359	#02-5405	#03-5431	#04-5527	#05-5323	#06-5612	#07-5418	#08-5313	#09-5611	#10-5489
#11-5483	#12-5606	#13-5318	#14-5341	#15-5458	#16-5697	#17-5661	#18-5482	#19-5268	#20-5388
#21-5716	#22-5669	#23-5406	#24-5417	#25-5261	#26-5383	#27-5465	#28-5439	#29-5252	#30-5488
#31-5487	#32-5665	#33-5575	#34-5338	#35-5680	#36-5537	#37-5371	#38-5273	#39-5267	#40-5633
#41-5264	#42-5506	#43-5541	#44-5315	#45-5262	#46-5519	#47-5484	#48-5442	#49-5693	#50-5562
#51-5515	#52-5250	#53-5571	#54-5717	#55-5321	#56-5419	#57-5724	#58-5266	#59-5520	#60-5664
#61-5399	#62-5706	#63-5314	#64-5380	#65-5256	#66-5550	#67-5288	#68-5704	#69-5390	#70-5647
#71-5579	#72-5637	#73-5468	#74-5364	#75-5377	#76-5471	#77-5387	#78-5345	#79-5411	#80-5479
#81-5629	#82-5279	#83-5475	#84-5426	#85-5696	#86-5493	#87-5351	#88-5587	#89-5276	#90-5524
#91-5543	#92-5361	#93-5495	#94-5330	#95-5496	#96-5287	#97-5445	#98-5413	#99-5310	#100-5451

Type 6 #22 [Back to Summary]									
#01-5480	#02-5499	#03-5302	#04-5293	#05-5708	#06-5597	#07-5511	#08-5452	#09-5592	#10-5577
#11-5281	#12-5634	#13-5582	#14-5289	#15-5286	#16-5376	#17-5487	#18-5619	#19-5406	#20-5498
#21-5443	#22-5425	#23-5686	#24-5599	#25-5364	#26-5465	#27-5401	#28-5387	#29-5606	#30-5342
#31-5276	#32-5702	#33-5280	#34-5687	#35-5719	#36-5379	#37-5695	#38-5426	#39-5437	#40-5349
#41-5694	#42-5621	#43-5713	#44-5417	#45-5483	#46-5626	#47-5503	#48-5445	#49-5290	#50-5357
#51-5522	#52-5546	#53-5250	#54-5537	#55-5723	#56-5306	#57-5540	#58-5430	#59-5653	#60-5493
#61-5444	#62-5371	#63-5574	#64-5501	#65-5551	#66-5305	#67-5603	#68-5624	#69-5297	#70-5636
#71-5402	#72-5315	#73-5431	#74-5309	#75-5529	#76-5553	#77-5438	#78-5520	#79-5362	#80-5466
#81-5688	#82-5680	#83-5346	#84-5496	#85-5554	#86-5458	#87-5701	#88-5471	#89-5683	#90-5662
#91-5566	#92-5517	#93-5494	#94-5666	#95-5631	#96-5573	#97-5294	#98-5461	#99-5593	#100-5419

Type 6 #23 [Back to Summary]									
#01-5274	#02-5604	#03-5399	#04-5381	#05-5680	#06-5456	#07-5363	#08-5669	#09-5258	#10-5426
#11-5591	#12-5271	#13-5316	#14-5442	#15-5529	#16-5488	#17-5276	#18-5331	#19-5674	#20-5343
#21-5329	#22-5384	#23-5658	#24-5359	#25-5319	#26-5614	#27-5545	#28-5492	#29-5405	#30-5679
#31-5507	#32-5699	#33-5648	#34-5661	#35-5443	#36-5337	#37-5536	#38-5693	#39-5542	#40-5346
#41-5347	#42-5283	#43-5466	#44-5516	#45-5323	#46-5548	#47-5453	#48-5305	#49-5395	#50-5400
#51-5555	#52-5692	#53-5520	#54-5505	#55-5354	#56-5621	#57-5671	#58-5292	#59-5313	#60-5317
#61-5638	#62-5601	#63-5523	#64-5304	#65-5645	#66-5619	#67-5352	#68-5385	#69-5724	#70-5447
#71-5677	#72-5307	#73-5515	#74-5580	#75-5721	#76-5293	#77-5641	#78-5402	#79-5281	#80-5500
#81-5419	#82-5487	#83-5353	#84-5254	#85-5386	#86-5544	#87-5437	#88-5407	#89-5567	#90-5553
#91-5396	#92-5496	#93-5629	#94-5477	#95-5436	#96-5473	#97-5493	#98-5413	#99-5597	#100-5433

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Type 6 #24 [Back to Summary]									
#01-5446	#02-5321	#03-5306	#04-5673	#05-5443	#06-5492	#07-5426	#08-5661	#09-5507	#10-5304
#11-5701	#12-5527	#13-5258	#14-5542	#15-5629	#16-5401	#17-5504	#18-5515	#19-5652	#20-5356
#21-5437	#22-5676	#23-5545	#24-5427	#25-5300	#26-5433	#27-5404	#28-5288	#29-5396	#30-5506
#31-5536	#32-5487	#33-5530	#34-5583	#35-5301	#36-5341	#37-5429	#38-5397	#39-5544	#40-5615
#41-5361	#42-5496	#43-5620	#44-5509	#45-5574	#46-5594	#47-5481	#48-5335	#49-5573	#50-5277
#51-5692	#52-5700	#53-5476	#54-5485	#55-5716	#56-5495	#57-5503	#58-5606	#59-5625	#60-5257
#61-5333	#62-5383	#63-5518	#64-5251	#65-5498	#66-5462	#67-5250	#68-5402	#69-5488	#70-5548
#71-5698	#72-5353	#73-5704	#74-5289	#75-5721	#76-5668	#77-5310	#78-5286	#79-5589	#80-5436
#81-5678	#82-5320	#83-5447	#84-5369	#85-5549	#86-5564	#87-5260	#88-5291	#89-5596	#90-5537
#91-5569	#92-5558	#93-5502	#94-5533	#95-5531	#96-5699	#97-5707	#98-5619	#99-5259	#100-5355

Type 6 #25 [Back to Summary]									
#01-5589	#02-5328	#03-5573	#04-5280	#05-5306	#06-5584	#07-5722	#08-5439	#09-5490	#10-5297
#11-5438	#12-5467	#13-5267	#14-5434	#15-5308	#16-5265	#17-5666	#18-5396	#19-5440	#20-5665
#21-5459	#22-5686	#23-5542	#24-5682	#25-5701	#26-5395	#27-5578	#28-5421	#29-5489	#30-5271
#31-5688	#32-5417	#33-5282	#34-5482	#35-5574	#36-5601	#37-5472	#38-5413	#39-5315	#40-5678
#41-5559	#42-5544	#43-5524	#44-5541	#45-5343	#46-5347	#47-5533	#48-5319	#49-5474	#50-5512
#51-5285	#52-5564	#53-5427	#54-5320	#55-5626	#56-5631	#57-5514	#58-5619	#59-5304	#60-5638
#61-5255	#62-5552	#63-5676	#64-5469	#65-5337	#66-5270	#67-5436	#68-5516	#69-5592	#70-5431
#71-5523	#72-5501	#73-5335	#74-5484	#75-5359	#76-5642	#77-5408	#78-5723	#79-5596	#80-5609
#81-5593	#82-5509	#83-5675	#84-5704	#85-5711	#86-5375	#87-5714	#88-5689	#89-5580	#90-5664
#91-5336	#92-5577	#93-5361	#94-5398	#95-5670	#96-5258	#97-5594	#98-5303	#99-5455	#100-5324

Type 6 #26 [Back to Summary]									
#01-5634	#02-5269	#03-5456	#04-5290	#05-5714	#06-5509	#07-5478	#08-5671	#09-5685	#10-5709
#11-5465	#12-5513	#13-5276	#14-5422	#15-5298	#16-5471	#17-5599	#18-5697	#19-5483	#20-5679
#21-5280	#22-5472	#23-5655	#24-5638	#25-5346	#26-5663	#27-5387	#28-5650	#29-5532	#30-5344
#31-5296	#32-5358	#33-5516	#34-5518	#35-5694	#36-5567	#37-5305	#38-5630	#39-5712	#40-5447
#41-5617	#42-5293	#43-5252	#44-5591	#45-5448	#46-5545	#47-5552	#48-5658	#49-5356	#50-5446
#51-5383	#52-5614	#53-5543	#54-5498	#55-5292	#56-5409	#57-5336	#58-5538	#59-5666	#60-5300
#61-5370	#62-5550	#63-5388	#64-5588	#65-5664	#66-5360	#67-5723	#68-5481	#69-5451	#70-5449
#71-5414	#72-5688	#73-5710	#74-5279	#75-5311	#76-5708	#77-5468	#78-5315	#79-5435	#80-5524
#81-5364	#82-5452	#83-5549	#84-5330	#85-5682	#86-5400	#87-5536	#88-5262	#89-5476	#90-5534
#91-5485	#92-5491	#93-5691	#94-5659	#95-5332	#96-5324	#97-5625	#98-5385	#99-5648	#100-5341

Type 6 #27 [Back to Summary]									
#01-5548	#02-5319	#03-5457	#04-5628	#05-5285	#06-5421	#07-5633	#08-5515	#09-5442	#10-5306
#11-5667	#12-5273	#13-5351	#14-5394	#15-5660	#16-5642	#17-5251	#18-5308	#19-5629	#20-5514
#21-5549	#22-5710	#23-5259	#24-5646	#25-5695	#26-5652	#27-5721	#28-5297	#29-5673	#30-5708
#31-5333	#32-5337	#33-5384	#34-5350	#35-5699	#36-5294	#37-5720	#38-5639	#39-5296	#40-5512
#41-5492	#42-5271	#43-5543	#44-5419	#45-5588	#46-5460	#47-5391	#48-5550	#49-5255	#50-5417
#51-5327	#52-5572	#53-5482	#54-5395	#55-5519	#56-5564	#57-5314	#58-5535	#59-5656	#60-5361
#61-5428	#62-5586	#63-5567	#64-5459	#65-5700	#66-5581	#67-5613	#68-5252	#69-5418	#70-5612
#71-5644	#72-5334	#73-5263	#74-5369	#75-5274	#76-5526	#77-5415	#78-5565	#79-5307	#80-5487
#81-5511	#82-5426	#83-5292	#84-5506	#85-5636	#86-5481	#87-5578	#88-5716	#89-5554	#90-5388

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#91-5705	#92-5437	#93-5712	#94-5663	#95-5344	#96-5627	#97-5432	#98-5341	#99-5445	#100-5261

Type 6 #28 [Back to Summary]									
#01-5567	#02-5386	#03-5382	#04-5363	#05-5495	#06-5717	#07-5562	#08-5366	#09-5370	#10-5715
#11-5402	#12-5471	#13-5483	#14-5422	#15-5571	#16-5253	#17-5546	#18-5307	#19-5548	#20-5469
#21-5256	#22-5626	#23-5424	#24-5280	#25-5636	#26-5461	#27-5342	#28-5322	#29-5274	#30-5362
#31-5347	#32-5326	#33-5378	#34-5294	#35-5647	#36-5383	#37-5289	#38-5654	#39-5264	#40-5648
#41-5646	#42-5465	#43-5599	#44-5566	#45-5711	#46-5492	#47-5678	#48-5542	#49-5346	#50-5337
#51-5338	#52-5377	#53-5521	#54-5697	#55-5254	#56-5669	#57-5689	#58-5356	#59-5459	#60-5285
#61-5623	#62-5496	#63-5348	#64-5259	#65-5619	#66-5327	#67-5352	#68-5446	#69-5510	#70-5448
#71-5691	#72-5620	#73-5298	#74-5628	#75-5554	#76-5526	#77-5279	#78-5588	#79-5296	#80-5407
#81-5514	#82-5532	#83-5704	#84-5664	#85-5277	#86-5700	#87-5537	#88-5410	#89-5292	#90-5701
#91-5420	#92-5660	#93-5451	#94-5705	#95-5271	#96-5414	#97-5374	#98-5591	#99-5668	#100-5635

Type 6 #29 [Back to Summary]									
#01-5390	#02-5488	#03-5289	#04-5628	#05-5371	#06-5443	#07-5326	#08-5615	#09-5398	#10-5459
#11-5642	#12-5353	#13-5309	#14-5308	#15-5503	#16-5348	#17-5515	#18-5409	#19-5707	#20-5646
#21-5519	#22-5671	#23-5402	#24-5530	#25-5277	#26-5278	#27-5427	#28-5317	#29-5606	#30-5397
#31-5410	#32-5419	#33-5644	#34-5381	#35-5255	#36-5270	#37-5493	#38-5328	#39-5547	#40-5563
#41-5626	#42-5649	#43-5253	#44-5560	#45-5312	#46-5311	#47-5602	#48-5391	#49-5461	#50-5654
#51-5621	#52-5688	#53-5607	#54-5274	#55-5374	#56-5452	#57-5341	#58-5492	#59-5599	#60-5345
#61-5268	#62-5261	#63-5259	#64-5251	#65-5306	#66-5484	#67-5447	#68-5661	#69-5307	#70-5489
#71-5588	#72-5444	#73-5593	#74-5407	#75-5273	#76-5600	#77-5673	#78-5573	#79-5474	#80-5699
#81-5414	#82-5292	#83-5589	#84-5686	#85-5509	#86-5454	#87-5539	#88-5622	#89-5262	#90-5541
#91-5664	#92-5724	#93-5458	#94-5455	#95-5545	#96-5617	#97-5639	#98-5252	#99-5510	#100-5562

Type 6 #30 [Back to Summary]									
#01-5595	#02-5670	#03-5333	#04-5699	#05-5313	#06-5433	#07-5346	#08-5458	#09-5254	#10-5501
#11-5507	#12-5493	#13-5271	#14-5629	#15-5662	#16-5707	#17-5398	#18-5301	#19-5476	#20-5581
#21-5667	#22-5545	#23-5643	#24-5490	#25-5546	#26-5584	#27-5710	#28-5389	#29-5582	#30-5379
#31-5684	#32-5660	#33-5315	#34-5628	#35-5349	#36-5455	#37-5678	#38-5609	#39-5615	#40-5316
#41-5350	#42-5324	#43-5608	#44-5480	#45-5278	#46-5414	#47-5703	#48-5542	#49-5508	#50-5555
#51-5461	#52-5579	#53-5497	#54-5645	#55-5613	#56-5297	#57-5274	#58-5562	#59-5400	#60-5448
#61-5443	#62-5679	#63-5596	#64-5594	#65-5533	#66-5561	#67-5421	#68-5361	#69-5524	#70-5447
#71-5276	#72-5509	#73-5403	#74-5405	#75-5477	#76-5592	#77-5658	#78-5406	#79-5459	#80-5375
#81-5605	#82-5408	#83-5606	#84-5273	#85-5642	#86-5345	#87-5410	#88-5387	#89-5264	#90-5298
#91-5431	#92-5360	#93-5462	#94-5415	#95-5593	#96-5391	#97-5451	#98-5262	#99-5673	#100-5437

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Type 5 #1 5326 [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	136081	78	1108	1500	461077	600000
2	2	6	299637	95	1619	0	298554	600000
3	3	6	64952	82	1128	1559	532115	600000
4	3	6	575279	96	1820	1680	20933	600000
5	2	6	93933	87	1330	0	504563	600000
6	3	6	161210	79	1265	1919	435369	600000
7	1	6	581255	84	0	0	18661	600000
8	2	6	422191	68	1849	0	175824	600000
9	3	6	17796	96	1553	1685	578678	600000
10	2	6	96065	61	1540	0	502273	600000
11	2	6	456040	94	1595	0	142177	600000
12	2	6	24652	64	1441	0	573779	600000
13	2	6	517988	79	1251	0	80603	600000
14	3	6	581546	72	1141	1215	15882	600000
15	1	6	374985	66	0	0	224949	600000
16	1	6	76169	82	0	0	523749	600000
17	2	6	319889	68	1725	0	278250	600000
18	3	6	528086	69	1075	1752	68880	600000
19	1	6	398785	70	0	0	201145	600000
20	1	6	187986	67	0	0	411947	600000

Type 5 #2 5290 [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	328710	69	0	0	671221	1000000
2	3	9	596608	79	1972	1954	399229	1000000
3	3	9	472123	92	1484	1718	524399	1000000
4	3	9	562026	84	1936	1332	434454	1000000
5	2	9	885752	83	1129	0	112953	1000000
6	1	9	419931	79	0	0	579990	1000000
7	1	9	345264	70	0	0	654666	1000000
8	2	9	632706	92	1748	0	365362	1000000
9	3	9	303843	56	1093	1020	693876	1000000
10	3	9	322498	79	1788	1280	674197	1000000
11	1	9	627055	100	0	0	372845	1000000
12	3	9	638074	95	1199	1656	358786	1000000

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Type 5 #3 5258 [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	804668	53	1640	0	116662	923076
2	1	15	434269	71	0	0	488736	923076
3	2	15	279205	84	1826	0	641877	923076
4	2	15	136048	65	1656	0	785242	923076
5	2	15	860006	51	1719	0	61249	923076
6	2	15	691003	57	1945	0	230014	923076
7	3	15	193251	92	1590	1871	726088	923076
8	3	15	526748	82	1264	1451	393367	923076
9	2	15	344488	57	1572	0	576902	923076
10	1	15	76176	69	0	0	846831	923076
11	3	15	603633	54	1246	1024	317011	923076
12	2	15	330090	86	1517	0	591297	923076
13	1	15	512935	80	0	0	410061	923076

Type 5 #4 5322 [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	374845	82	1311	0	290346	666666
2	2	15	617168	96	1703	0	47603	666666
3	2	15	505093	59	1667	0	159788	666666
4	2	15	103134	93	1566	0	561780	666666
5	3	15	578175	88	1734	1479	85014	666666
6	2	15	228	50	1146	0	665192	666666
7	1	15	189084	63	0	0	477519	666666
8	2	15	61311	97	1188	0	603973	666666
9	2	15	532226	50	1341	0	132999	666666
10	3	15	72314	97	1616	1797	590648	666666
11	2	15	428925	77	1666	0	235921	666666
12	3	15	600342	92	1414	1692	62942	666666
13	2	15	602119	88	1927	0	62444	666666
14	1	15	273125	91	0	0	393450	666666
15	2	15	618638	75	1463	0	46415	666666
16	2	15	629568	98	1681	0	35221	666666
17	3	15	502293	61	1408	1310	161472	666666
18	2	15	68872	85	1640	0	595984	666666

Type 5 #5 5290 [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

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1	3	14	438641	77	1066	1685	481453	923076
2	1	14	68270	73	0	0	854733	923076
3	1	14	894236	90	0	0	28750	923076
4	1	14	257340	99	0	0	665637	923076
5	3	14	272726	57	1446	1589	647144	923076
6	2	14	815174	58	1794	0	105992	923076
7	1	14	443497	74	0	0	479505	923076
8	3	14	22519	54	1150	1386	897859	923076
9	3	14	413649	53	1859	1169	506240	923076
10	3	14	582526	70	1559	1953	336828	923076
11	3	14	17338	53	1300	1139	903140	923076
12	3	14	522341	57	1643	1682	397239	923076
13	1	14	291075	80	0	0	631921	923076

Type 5 #6 5324 [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	724993	53	1588	1419	128983	857142
2	2	9	61256	89	1235	0	794473	857142
3	2	9	583815	89	1699	0	271450	857142
4	3	9	54337	56	1616	1109	799912	857142
5	1	9	78230	64	0	0	778848	857142
6	1	9	576929	80	0	0	280133	857142
7	3	9	196880	62	1145	1448	657483	857142
8	2	9	449993	93	1188	0	405775	857142
9	3	9	691054	72	1672	1496	162704	857142
10	3	9	821451	56	1735	1082	32706	857142
11	2	9	253417	94	1874	0	601663	857142
12	1	9	25901	87	0	0	831154	857142
13	3	9	286132	78	1400	1835	567541	857142
14	2	9	809255	98	1130	0	46561	857142

Type 5 #7 5259 [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	249913	64	1350	0	748609	1000000
2	2	17	575952	54	1277	0	422663	1000000
3	1	17	552918	60	0	0	447022	1000000
4	2	17	883558	56	1494	0	114836	1000000
5	1	17	473830	83	0	0	526087	1000000
6	1	17	133238	59	0	0	866703	1000000
7	3	17	632290	63	1793	1367	364361	1000000
8	2	17	570477	88	1456	0	427891	1000000
9	2	17	569983	99	1315	0	428504	1000000

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10	3	17	493511	66	1735	1875	502681	1000000
11	2	17	110743	54	1407	0	887742	1000000
12	1	17	222998	65	0	0	776937	1000000

Type 5 #8 5290 [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	1133605	100	0	0	366295	1500000
2	3	20	1362871	100	1680	1924	133225	1500000
3	3	20	676008	55	1664	1715	820448	1500000
4	3	20	1438430	87	1430	1700	58179	1500000
5	2	20	969412	76	1366	0	529070	1500000
6	1	20	777750	65	0	0	722185	1500000
7	1	20	826469	77	0	0	673454	1500000
8	1	20	905698	57	0	0	594245	1500000

Type 5 #9 5325 [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	277011	83	0	0	389572	666666
2	3	7	181522	96	1720	1730	481406	666666
3	1	7	259778	74	0	0	406814	666666
4	2	7	454900	67	1456	0	210176	666666
5	2	7	109185	90	1556	0	555745	666666
6	2	7	618096	65	1611	0	46829	666666
7	3	7	222378	77	1120	1703	441234	666666
8	3	7	530523	78	1809	1475	132625	666666
9	2	7	569095	62	1321	0	96126	666666
10	1	7	104183	87	0	0	562396	666666
11	2	7	235267	77	1157	0	430088	666666
12	2	7	350305	79	1932	0	314271	666666
13	1	7	332799	79	0	0	333788	666666
14	3	7	363465	56	1769	1689	299575	666666
15	3	7	249647	82	1151	1712	413910	666666
16	1	7	420699	88	0	0	245879	666666
17	1	7	516037	94	0	0	150535	666666
18	2	7	10647	100	1963	0	653856	666666

Type 5 #10 5322 [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	351013	81	0	0	248906	600000
2	1	15	406523	54	0	0	193423	600000

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3	3	15	499804	68	1784	1389	96819	600000
4	3	15	195255	58	1832	1069	401670	600000
5	2	15	445916	86	1029	0	152883	600000
6	1	15	118055	75	0	0	481870	600000
7	1	15	121202	58	0	0	478740	600000
8	1	15	348781	69	0	0	251150	600000
9	1	15	475535	85	0	0	124380	600000
10	1	15	359506	58	0	0	240436	600000
11	2	15	420287	76	1436	0	178125	600000
12	2	15	145013	78	1575	0	453256	600000
13	2	15	4993	80	1623	0	593224	600000
14	2	15	110458	87	1480	0	487888	600000
15	1	15	271287	59	0	0	328654	600000
16	1	15	229448	79	0	0	370473	600000
17	3	15	310279	77	1220	1546	286724	600000
18	1	15	381150	83	0	0	218767	600000
19	2	15	346467	97	1627	0	251712	600000
20	3	15	406542	95	1156	1957	190060	600000

Type 5 #11 5322 [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	148130	55	1986	0	1049774	1200000
2	3	14	1141038	58	1817	1087	55884	1200000
3	3	14	121808	55	1703	1360	1074964	1200000
4	3	14	713961	72	1557	1820	482446	1200000
5	2	14	841510	53	1621	0	356763	1200000
6	3	14	1119596	74	1497	1762	76923	1200000
7	3	14	262386	77	1074	1823	934486	1200000
8	2	14	1120986	69	1490	0	77386	1200000
9	1	14	384275	93	0	0	815632	1200000
10	2	14	803592	98	1740	0	394472	1200000

Type 5 #12 5257 [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	370297	73	1012	0	334427	705882
2	1	13	695498	79	0	0	10305	705882
3	3	13	69311	73	1279	1613	633460	705882
4	2	13	628814	56	1813	0	75143	705882
5	3	13	533539	86	1382	1380	169323	705882
6	2	13	6762	86	1170	0	697778	705882
7	2	13	700280	54	1869	0	3625	705882
8	2	13	418991	95	1258	0	285443	705882

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9	3	13	88888	82	1491	1969	613288	705882
10	1	13	487789	79	0	0	218014	705882
11	3	13	59758	90	1851	1734	642269	705882
12	2	13	610622	54	1767	0	93385	705882
13	3	13	523293	53	1820	1803	178807	705882
14	2	13	391313	55	1074	0	313385	705882
15	3	13	290443	65	1086	1086	413072	705882
16	3	13	155294	82	1305	1149	547888	705882
17	1	13	95242	94	0	0	610546	705882

Type 5 #13 5320 [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	406358	84	1563	1671	447298	857142
2	2	20	389416	87	1465	0	466087	857142
3	1	20	556651	96	0	0	300395	857142
4	2	20	116252	59	1220	0	739552	857142
5	2	20	444598	86	1153	0	411219	857142
6	3	20	291413	99	1609	1188	562635	857142
7	2	20	345344	53	1915	0	509777	857142
8	2	20	213370	61	1246	0	642404	857142
9	2	20	126180	84	1598	0	729196	857142
10	3	20	439222	84	1486	1629	414553	857142
11	2	20	453736	68	1508	0	401762	857142
12	3	20	468610	57	1226	1508	385627	857142
13	1	20	78588	96	0	0	778458	857142
14	3	20	834513	100	1245	1040	20044	857142

Type 5 #14 5290 [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	447366	99	1289	0	351147	800000
2	2	6	325111	92	1850	0	472855	800000
3	2	6	16308	94	1814	0	781690	800000
4	3	6	592479	74	1022	1417	204860	800000
5	1	6	193322	99	0	0	606579	800000
6	2	6	375630	87	1539	0	422657	800000
7	2	6	624760	99	1975	0	173067	800000
8	1	6	791949	61	0	0	7990	800000
9	3	6	339628	54	1174	1385	457651	800000
10	2	6	779871	61	1907	0	18100	800000
11	2	6	276969	94	1615	0	521228	800000
12	1	6	706796	50	0	0	93154	800000
13	3	6	634128	88	1288	1115	163205	800000

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14	2	6	619112	95	1191	0	179507	800000
15	2	6	487175	92	1034	0	311607	800000

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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	10	230523	79	1760	1058	398000	631578
2	1	10	151384	64	0	0	480130	631578
3	2	10	500503	89	1016	0	129881	631578
4	1	10	536995	57	0	0	94526	631578
5	2	10	203317	51	1621	0	426538	631578
6	2	10	491273	92	1979	0	138142	631578
7	2	10	385637	81	1323	0	244456	631578
8	3	10	133191	85	1356	1178	495598	631578
9	3	10	36474	96	1820	1535	591461	631578
10	1	10	322075	80	0	0	309423	631578
11	2	10	205118	80	1423	0	424877	631578
12	1	10	300203	70	0	0	331305	631578
13	3	10	391995	69	1852	1497	236027	631578
14	1	10	77222	88	0	0	554268	631578
15	1	10	464099	85	0	0	167394	631578
16	2	10	407750	84	1120	0	222540	631578
17	1	10	238538	76	0	0	392964	631578
18	2	10	568415	63	1123	0	61914	631578
19	2	10	579920	64	1701	0	49829	631578

Type 5 #16 5290 [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	669183	87	1302	1613	250717	923076
2	3	20	188170	78	1871	1787	731014	923076
3	2	20	72765	88	1143	0	848992	923076
4	1	20	644033	70	0	0	278973	923076
5	2	20	388653	70	1139	0	533144	923076
6	3	20	685072	89	1267	1578	234892	923076
7	3	20	192021	90	1733	1568	727484	923076
8	3	20	105076	86	1464	1573	814705	923076
9	3	20	696744	54	1289	1537	223344	923076
10	1	20	176982	91	0	0	746003	923076
11	1	20	150373	65	0	0	772638	923076
12	2	20	261167	52	1935	0	659870	923076
13	1	20	464263	99	0	0	458714	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	6	149765	88	1123	1465	478961	631578
2	1	6	4778	56	0	0	626744	631578
3	2	6	322749	75	1000	0	307679	631578
4	2	6	451292	71	1243	0	178901	631578
5	3	6	88618	89	1442	1290	539961	631578
6	3	6	20330	79	1680	1510	607821	631578
7	1	6	271729	85	0	0	359764	631578
8	1	6	585062	92	0	0	46424	631578
9	2	6	486708	97	1680	0	142996	631578
10	3	6	376536	99	1757	1991	250997	631578
11	1	6	173874	83	0	0	457621	631578
12	3	6	192909	66	1834	1614	435023	631578
13	2	6	302656	73	1745	0	327031	631578
14	1	6	51846	65	0	0	579667	631578
15	1	6	86419	80	0	0	545079	631578
16	1	6	269888	96	0	0	361594	631578
17	2	6	371911	53	1167	0	258394	631578
18	2	6	31931	96	1869	0	597586	631578
19	2	6	142263	96	1108	0	488015	631578

Type 5 #18 5325 [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	226585	75	0	0	373340	600000
2	3	8	537319	90	1009	1127	60275	600000
3	2	8	331851	91	1894	0	266073	600000
4	3	8	561113	56	1869	1883	34967	600000
5	1	8	277167	62	0	0	322771	600000
6	3	8	155194	99	1364	1314	441831	600000
7	2	8	338775	58	1218	0	259891	600000
8	2	8	540768	90	1680	0	57372	600000
9	3	8	128307	93	1153	1061	469200	600000
10	1	8	292463	84	0	0	307453	600000
11	1	8	162145	80	0	0	437775	600000
12	1	8	551241	62	0	0	48697	600000
13	3	8	380801	91	1645	1813	215468	600000
14	3	8	290496	82	1676	1089	306493	600000
15	2	8	118466	59	1103	0	480313	600000
16	1	8	213115	54	0	0	386831	600000
17	3	8	76757	98	1693	1403	519853	600000

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18	3	8	418354	53	1949	1042	178496	600000
19	3	8	501449	87	1965	1256	95069	600000
20	2	8	564041	56	1460	0	34387	600000

Type 5 #19 5290 [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	840682	96	0	0	16364	857142
2	2	7	351466	58	1870	0	503690	857142
3	3	7	40378	75	1081	1580	813878	857142
4	3	7	578399	90	1453	1444	275576	857142
5	1	7	583805	71	0	0	273266	857142
6	3	7	754996	61	1005	1010	99948	857142
7	1	7	752509	68	0	0	104565	857142
8	1	7	274508	57	0	0	582577	857142
9	2	7	739936	54	1304	0	115794	857142
10	1	7	697253	52	0	0	159837	857142
11	3	7	300587	50	1641	1698	553066	857142
12	2	7	256832	90	1494	0	598636	857142
13	3	7	80071	98	1864	1942	772971	857142
14	1	7	730728	87	0	0	126327	857142

Type 5 #20 5290 [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	612146	78	1568	1626	884426	1500000
2	1	10	274606	50	0	0	1225344	1500000
3	3	10	856629	50	1407	1072	640742	1500000
4	2	10	543744	83	1612	0	954478	1500000
5	1	10	490071	89	0	0	1009840	1500000
6	1	10	733739	99	0	0	766162	1500000
7	2	10	178547	78	1623	0	1319674	1500000
8	1	10	1011446	97	0	0	488457	1500000

Type 5 #21 5260 [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	393612	86	1274	0	938275	1333333
2	3	19	12699	82	1481	1263	1317644	1333333
3	2	19	1088231	90	1884	0	243038	1333333
4	2	19	824417	57	1514	0	507288	1333333
5	1	19	25875	85	0	0	1307373	1333333
6	3	19	638585	78	1747	1999	690768	1333333

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7	2	19	800715	100	1859	0	530559	1333333
8	3	19	110749	59	1674	1541	1219192	1333333
9	2	19	183124	75	1109	0	1148950	1333333

Type 5 #22 5290 [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	788044	64	1571	0	10257	800000
2	3	11	158298	80	1392	1900	638170	800000
3	1	11	749296	79	0	0	50625	800000
4	3	11	776830	85	1893	1265	19757	800000
5	3	11	504628	77	1706	1198	292237	800000
6	2	11	772574	71	1372	0	25912	800000
7	3	11	454858	100	1650	1566	341626	800000
8	3	11	479627	71	1076	1148	317936	800000
9	1	11	567506	58	0	0	232436	800000
10	1	11	756342	65	0	0	43593	800000
11	3	11	690223	56	1451	1506	106652	800000
12	3	11	421811	91	1126	1035	375755	800000
13	1	11	470132	61	0	0	329807	800000
14	1	11	102887	68	0	0	697045	800000
15	3	11	746026	92	1394	1825	50479	800000

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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	7	144297	61	1132	1736	852652	1000000
2	3	7	41271	81	1738	1130	955618	1000000
3	1	7	929380	75	0	0	70545	1000000
4	3	7	546620	97	1679	1834	449576	1000000
5	3	7	821318	100	1743	1627	175012	1000000
6	1	7	202791	90	0	0	797119	1000000
7	3	7	722239	92	1832	1101	274552	1000000
8	1	7	745151	95	0	0	254754	1000000
9	2	7	644601	92	1546	0	353669	1000000
10	1	7	331918	83	0	0	667999	1000000
11	3	7	230057	62	1525	1189	767043	1000000
12	1	7	441251	100	0	0	558649	1000000

Type 5 #24 5256 [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	793045	59	1829	1981	202968	1000000

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2	1	10	164638	59	0	0	835303	1000000
3	2	10	168897	69	1982	0	828983	1000000
4	3	10	650687	73	1434	1958	345702	1000000
5	3	10	442719	94	1958	1731	553310	1000000
6	2	10	452730	72	1450	0	545676	1000000
7	3	10	350809	65	1629	1474	645893	1000000
8	3	10	65907	72	1250	1995	930632	1000000
9	3	10	593198	80	1940	1035	403587	1000000
10	2	10	686435	77	1136	0	312275	1000000
11	3	10	350180	65	1872	1249	646504	1000000
12	3	10	402397	88	1707	1319	594313	1000000

Type 5 #25 5290 [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	567331	63	1129	1177	180174	750000
2	3	16	463980	99	1301	1316	283106	750000
3	2	16	28818	58	1918	0	719148	750000
4	1	16	213400	78	0	0	536522	750000
5	3	16	91308	85	1199	1264	655974	750000
6	3	16	21438	68	1930	1629	724799	750000
7	1	16	90087	75	0	0	659838	750000
8	2	16	548955	98	1943	0	198906	750000
9	1	16	42040	84	0	0	707876	750000
10	1	16	8994	77	0	0	740929	750000
11	2	16	306333	70	1350	0	442177	750000
12	1	16	686529	78	0	0	63393	750000
13	1	16	461213	82	0	0	288705	750000
14	2	16	260376	85	1465	0	487989	750000
15	2	16	118057	65	1983	0	629830	750000
16	2	16	22590	68	1552	0	725722	750000

Type 5 #26 5290 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	663968	61	1961	0	83949	750000
2	2	10	594561	52	1189	0	154146	750000
3	1	10	486377	86	0	0	263537	750000
4	3	10	515413	58	1465	1788	231160	750000
5	1	10	557189	57	0	0	192754	750000
6	1	10	393920	93	0	0	355987	750000
7	2	10	364918	85	1026	0	383886	750000
8	1	10	379292	50	0	0	370658	750000
9	3	10	557651	73	1213	1249	189668	750000

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10	2	10	60648	65	1641	0	687581	750000
11	1	10	252360	70	0	0	497570	750000
12	3	10	163627	100	1319	1212	583542	750000
13	2	10	623719	51	1118	0	125061	750000
14	3	10	472404	89	1263	1230	274836	750000
15	2	10	491453	83	1494	0	256887	750000
16	2	10	329813	62	1397	0	418666	750000

Type 5 #27 5260 [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	295155	66	1489	1946	301212	600000
2	1	20	57466	70	0	0	542464	600000
3	3	20	245197	99	1759	1599	351148	600000
4	2	20	149657	72	1519	0	448680	600000
5	1	20	49663	53	0	0	550284	600000
6	3	20	520544	54	1779	1160	76355	600000
7	1	20	45524	94	0	0	554382	600000
8	3	20	221642	87	1907	1826	374364	600000
9	1	20	434040	95	0	0	165865	600000
10	1	20	240960	82	0	0	358958	600000
11	3	20	425144	92	1798	1964	170818	600000
12	3	20	242822	62	1930	1864	353198	600000
13	2	20	400067	62	1826	0	197983	600000
14	1	20	57187	87	0	0	542726	600000
15	3	20	93921	84	1624	1489	502714	600000
16	1	20	485773	75	0	0	114152	600000
17	1	20	96902	90	0	0	503008	600000
18	3	20	236054	53	1086	1685	361016	600000
19	3	20	516940	91	1043	1838	79906	600000
20	3	20	541178	53	1334	1054	56275	600000

Type 5 #28 5259 [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	48016	78	1744	0	807226	857142
2	3	18	131798	80	1129	1080	722895	857142
3	2	18	345627	70	1422	0	509953	857142
4	3	18	261818	82	1787	1866	591425	857142
5	1	18	524944	58	0	0	332140	857142
6	1	18	712900	52	0	0	144190	857142
7	2	18	649417	95	1612	0	205923	857142
8	3	18	16382	98	1720	1988	836758	857142
9	3	18	686327	89	1007	1180	168361	857142

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10	2	18	460774	82	1903	0	394301	857142
11	2	18	446264	81	1300	0	409416	857142
12	2	18	483971	65	1445	0	371596	857142
13	1	18	219816	62	0	0	637264	857142
14	3	18	116445	76	1664	1301	737504	857142

Type 5 #29 5256 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	11	341135	68	0	0	325463	666666
2	1	11	205183	78	0	0	461405	666666
3	2	11	302926	70	1543	0	362057	666666
4	3	11	182908	76	1543	1925	480062	666666
5	3	11	416740	66	1446	1338	246944	666666
6	3	11	663724	76	1713	1483	-482	666666
7	2	11	595995	88	1158	0	69337	666666
8	2	11	103393	87	1966	0	561133	666666
9	3	11	260930	54	1725	1099	402750	666666
10	1	11	46300	50	0	0	620316	666666
11	3	11	12173	77	1974	1073	651215	666666
12	1	11	33599	95	0	0	632972	666666
13	3	11	492817	92	1800	1413	170360	666666
14	1	11	91469	90	0	0	575107	666666
15	1	11	442815	77	0	0	223774	666666
16	2	11	235403	68	1613	0	429514	666666
17	2	11	338666	71	1697	0	326161	666666
18	1	11	56788	55	0	0	609823	666666

Type 5 #30 5260 [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	135705	58	1279	0	568782	705882
2	2	19	252805	54	1314	0	451655	705882
3	3	19	251492	63	1217	1310	451674	705882
4	2	19	450223	68	1532	0	253991	705882
5	1	19	156641	92	0	0	549149	705882
6	3	19	629672	99	1211	1628	73074	705882
7	1	19	215183	91	0	0	490608	705882
8	1	19	426698	54	0	0	279130	705882
9	3	19	435380	63	1098	1309	267906	705882
10	3	19	330955	95	1464	1350	371828	705882
11	3	19	234049	66	1848	1270	468517	705882
12	3	19	484213	54	1386	1565	218556	705882
13	2	19	570545	73	1572	0	133619	705882

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14	1	19	73946	78	0	0	631858	705882
15	3	19	146033	86	1602	1540	556449	705882
16	3	19	578135	65	1923	1503	124126	705882
17	1	19	685933	50	0	0	19899	705882

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Type 6 #1 [Back to Summary]									
#01-5381	#02-5280	#03-5574	#04-5254	#05-5689	#06-5473	#07-5287	#08-5330	#09-5311	#10-5434
#11-5617	#12-5289	#13-5379	#14-5336	#15-5392	#16-5371	#17-5495	#18-5272	#19-5390	#20-5646
#21-5610	#22-5460	#23-5382	#24-5324	#25-5504	#26-5692	#27-5343	#28-5281	#29-5655	#30-5629
#31-5373	#32-5358	#33-5669	#34-5259	#35-5300	#36-5661	#37-5398	#38-5500	#39-5664	#40-5282
#41-5301	#42-5721	#43-5516	#44-5420	#45-5559	#46-5593	#47-5543	#48-5514	#49-5402	#50-5682
#51-5295	#52-5414	#53-5696	#54-5284	#55-5430	#56-5650	#57-5626	#58-5507	#59-5486	#60-5723
#61-5389	#62-5256	#63-5409	#64-5416	#65-5318	#66-5520	#67-5349	#68-5372	#69-5290	#70-5463
#71-5706	#72-5722	#73-5340	#74-5361	#75-5600	#76-5613	#77-5671	#78-5691	#79-5497	#80-5630
#81-5411	#82-5558	#83-5609	#84-5698	#85-5584	#86-5686	#87-5394	#88-5633	#89-5563	#90-5375
#91-5279	#92-5606	#93-5262	#94-5660	#95-5619	#96-5296	#97-5569	#98-5356	#99-5352	#100-5302

Type 6 #2 [Back to Summary]									
#01-5498	#02-5422	#03-5473	#04-5665	#05-5700	#06-5294	#07-5320	#08-5588	#09-5408	#10-5534
#11-5704	#12-5659	#13-5260	#14-5574	#15-5571	#16-5550	#17-5367	#18-5426	#19-5544	#20-5348
#21-5374	#22-5434	#23-5528	#24-5639	#25-5419	#26-5343	#27-5711	#28-5394	#29-5459	#30-5559
#31-5289	#32-5569	#33-5597	#34-5446	#35-5381	#36-5702	#37-5329	#38-5672	#39-5722	#40-5539
#41-5618	#42-5518	#43-5475	#44-5278	#45-5389	#46-5344	#47-5601	#48-5410	#49-5337	#50-5316
#51-5646	#52-5393	#53-5530	#54-5723	#55-5643	#56-5311	#57-5617	#58-5558	#59-5492	#60-5605
#61-5305	#62-5650	#63-5378	#64-5576	#65-5489	#66-5384	#67-5313	#68-5537	#69-5443	#70-5596
#71-5469	#72-5420	#73-5430	#74-5254	#75-5456	#76-5581	#77-5682	#78-5499	#79-5496	#80-5322
#81-5470	#82-5549	#83-5300	#84-5386	#85-5638	#86-5625	#87-5283	#88-5599	#89-5524	#90-5314
#91-5333	#92-5497	#93-5428	#94-5364	#95-5483	#96-5694	#97-5391	#98-5630	#99-5513	#100-5255

Type 6 #3 [Back to Summary]									
#01-5280	#02-5310	#03-5693	#04-5470	#05-5574	#06-5476	#07-5689	#08-5526	#09-5517	#10-5317
#11-5358	#12-5370	#13-5313	#14-5421	#15-5386	#16-5487	#17-5597	#18-5716	#19-5662	#20-5595
#21-5348	#22-5445	#23-5261	#24-5377	#25-5512	#26-5699	#27-5718	#28-5311	#29-5499	#30-5488
#31-5435	#32-5303	#33-5710	#34-5493	#35-5293	#36-5412	#37-5582	#38-5561	#39-5542	#40-5411
#41-5655	#42-5484	#43-5329	#44-5460	#45-5682	#46-5687	#47-5433	#48-5257	#49-5707	#50-5722
#51-5349	#52-5400	#53-5681	#54-5637	#55-5628	#56-5559	#57-5295	#58-5568	#59-5678	#60-5599
#61-5480	#62-5624	#63-5277	#64-5281	#65-5604	#66-5302	#67-5382	#68-5545	#69-5375	#70-5695
#71-5626	#72-5284	#73-5426	#74-5503	#75-5659	#76-5586	#77-5366	#78-5525	#79-5415	#80-5544
#81-5514	#82-5708	#83-5328	#84-5498	#85-5387	#86-5283	#87-5342	#88-5322	#89-5584	#90-5458
#91-5364	#92-5260	#93-5602	#94-5661	#95-5649	#96-5276	#97-5455	#98-5298	#99-5578	#100-5630

Type 6 #4 [Back to Summary]									
#01-5558	#02-5612	#03-5607	#04-5260	#05-5342	#06-5314	#07-5699	#08-5435	#09-5703	#10-5293
#11-5443	#12-5496	#13-5402	#14-5389	#15-5334	#16-5499	#17-5550	#18-5504	#19-5621	#20-5571
#21-5684	#22-5310	#23-5686	#24-5641	#25-5583	#26-5617	#27-5409	#28-5483	#29-5572	#30-5634
#31-5379	#32-5320	#33-5671	#34-5508	#35-5712	#36-5626	#37-5351	#38-5315	#39-5407	#40-5322
#41-5307	#42-5632	#43-5344	#44-5538	#45-5266	#46-5591	#47-5582	#48-5459	#49-5578	#50-5405
#51-5453	#52-5678	#53-5400	#54-5258	#55-5670	#56-5494	#57-5651	#58-5692	#59-5399	#60-5448
#61-5628	#62-5462	#63-5584	#64-5317	#65-5637	#66-5370	#67-5544	#68-5614	#69-5398	#70-5430
#71-5392	#72-5481	#73-5343	#74-5542	#75-5510	#76-5298	#77-5696	#78-5393	#79-5623	#80-5717
#81-5280	#82-5673	#83-5629	#84-5418	#85-5429	#86-5427	#87-5645	#88-5661	#89-5557	#90-5464

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#91-5704	#92-5378	#93-5639	#94-5683	#95-5416	#96-5565	#97-5290	#98-5271	#99-5624	#100-5610

Type 6 #5 [Back to Summary]									
#01-5293	#02-5692	#03-5308	#04-5400	#05-5260	#06-5696	#07-5583	#08-5580	#09-5475	#10-5618
#11-5526	#12-5504	#13-5318	#14-5410	#15-5416	#16-5679	#17-5557	#18-5419	#19-5613	#20-5457
#21-5452	#22-5611	#23-5303	#24-5662	#25-5454	#26-5259	#27-5567	#28-5383	#29-5376	#30-5661
#31-5256	#32-5670	#33-5492	#34-5254	#35-5673	#36-5319	#37-5616	#38-5482	#39-5406	#40-5461
#41-5569	#42-5314	#43-5437	#44-5669	#45-5660	#46-5446	#47-5321	#48-5483	#49-5520	#50-5465
#51-5268	#52-5602	#53-5384	#54-5422	#55-5415	#56-5404	#57-5639	#58-5367	#59-5671	#60-5724
#61-5374	#62-5450	#63-5456	#64-5541	#65-5612	#66-5582	#67-5265	#68-5312	#69-5468	#70-5348
#71-5315	#72-5329	#73-5263	#74-5405	#75-5617	#76-5391	#77-5429	#78-5359	#79-5250	#80-5261
#81-5672	#82-5342	#83-5594	#84-5642	#85-5647	#86-5381	#87-5539	#88-5324	#89-5564	#90-5521
#91-5408	#92-5503	#93-5543	#94-5412	#95-5335	#96-5371	#97-5589	#98-5629	#99-5306	#100-5334

Type 6 #6 [Back to Summary]									
#01-5433	#02-5255	#03-5268	#04-5421	#05-5400	#06-5665	#07-5591	#08-5706	#09-5533	#10-5277
#11-5708	#12-5528	#13-5370	#14-5659	#15-5308	#16-5291	#17-5582	#18-5539	#19-5618	#20-5482
#21-5299	#22-5669	#23-5474	#24-5672	#25-5668	#26-5542	#27-5511	#28-5577	#29-5324	#30-5490
#31-5529	#32-5522	#33-5303	#34-5643	#35-5550	#36-5660	#37-5322	#38-5418	#39-5486	#40-5705
#41-5509	#42-5554	#43-5505	#44-5536	#45-5530	#46-5601	#47-5373	#48-5602	#49-5348	#50-5290
#51-5506	#52-5295	#53-5256	#54-5552	#55-5283	#56-5483	#57-5500	#58-5325	#59-5468	#60-5585
#61-5398	#62-5261	#63-5636	#64-5293	#65-5463	#66-5430	#67-5472	#68-5446	#69-5362	#70-5371
#71-5695	#72-5411	#73-5304	#74-5639	#75-5694	#76-5465	#77-5407	#78-5663	#79-5388	#80-5323
#81-5417	#82-5637	#83-5478	#84-5280	#85-5707	#86-5488	#87-5521	#88-5475	#89-5614	#90-5314
#91-5404	#92-5250	#93-5675	#94-5633	#95-5561	#96-5503	#97-5646	#98-5462	#99-5321	#100-5352

Type 6 #7 [Back to Summary]									
#01-5373	#02-5650	#03-5490	#04-5704	#05-5322	#06-5349	#07-5720	#08-5343	#09-5580	#10-5538
#11-5330	#12-5567	#13-5656	#14-5406	#15-5414	#16-5488	#17-5507	#18-5604	#19-5308	#20-5706
#21-5636	#22-5724	#23-5560	#24-5297	#25-5686	#26-5691	#27-5464	#28-5390	#29-5331	#30-5439
#31-5547	#32-5661	#33-5592	#34-5285	#35-5668	#36-5489	#37-5395	#38-5498	#39-5680	#40-5602
#41-5486	#42-5423	#43-5618	#44-5319	#45-5702	#46-5559	#47-5314	#48-5512	#49-5465	#50-5312
#51-5719	#52-5287	#53-5407	#54-5336	#55-5436	#56-5372	#57-5338	#58-5441	#59-5263	#60-5355
#61-5607	#62-5577	#63-5260	#64-5392	#65-5712	#66-5393	#67-5694	#68-5616	#69-5459	#70-5643
#71-5344	#72-5256	#73-5641	#74-5431	#75-5467	#76-5462	#77-5356	#78-5494	#79-5317	#80-5376
#81-5624	#82-5674	#83-5644	#84-5266	#85-5446	#86-5513	#87-5508	#88-5514	#89-5573	#90-5546
#91-5404	#92-5678	#93-5482	#94-5578	#95-5722	#96-5633	#97-5412	#98-5478	#99-5329	#100-5561

Type 6 #8 [Back to Summary]									
#01-5591	#02-5424	#03-5305	#04-5547	#05-5698	#06-5714	#07-5369	#08-5703	#09-5594	#10-5699
#11-5269	#12-5569	#13-5370	#14-5615	#15-5452	#16-5653	#17-5652	#18-5720	#19-5668	#20-5453
#21-5608	#22-5435	#23-5292	#24-5633	#25-5488	#26-5384	#27-5495	#28-5315	#29-5429	#30-5548
#31-5296	#32-5595	#33-5404	#34-5480	#35-5507	#36-5447	#37-5620	#38-5347	#39-5290	#40-5455
#41-5387	#42-5524	#43-5638	#44-5597	#45-5523	#46-5555	#47-5558	#48-5588	#49-5372	#50-5316
#51-5707	#52-5414	#53-5530	#54-5602	#55-5674	#56-5397	#57-5377	#58-5389	#59-5302	#60-5559
#61-5464	#62-5300	#63-5518	#64-5288	#65-5654	#66-5394	#67-5413	#68-5613	#69-5353	#70-5252

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#71-5281	#72-5553	#73-5678	#74-5466	#75-5317	#76-5337	#77-5525	#78-5419	#79-5358	#80-5661
#81-5550	#82-5632	#83-5666	#84-5362	#85-5568	#86-5604	#87-5313	#88-5527	#89-5531	#90-5352
#91-5319	#92-5477	#93-5289	#94-5458	#95-5716	#96-5335	#97-5253	#98-5598	#99-5673	#100-5380

Type 6 #9 [Back to Summary]									
#01-5391	#02-5673	#03-5484	#04-5372	#05-5282	#06-5403	#07-5468	#08-5317	#09-5539	#10-5588
#11-5603	#12-5688	#13-5281	#14-5370	#15-5260	#16-5560	#17-5362	#18-5410	#19-5451	#20-5299
#21-5333	#22-5614	#23-5331	#24-5251	#25-5660	#26-5532	#27-5513	#28-5473	#29-5479	#30-5705
#31-5337	#32-5655	#33-5475	#34-5707	#35-5520	#36-5604	#37-5397	#38-5545	#39-5332	#40-5420
#41-5388	#42-5722	#43-5716	#44-5669	#45-5482	#46-5355	#47-5447	#48-5647	#49-5446	#50-5407
#51-5697	#52-5572	#53-5396	#54-5622	#55-5296	#56-5508	#57-5593	#58-5487	#59-5439	#60-5480
#61-5617	#62-5721	#63-5567	#64-5557	#65-5502	#66-5671	#67-5462	#68-5298	#69-5578	#70-5379
#71-5413	#72-5547	#73-5321	#74-5278	#75-5637	#76-5334	#77-5621	#78-5382	#79-5499	#80-5555
#81-5329	#82-5589	#83-5271	#84-5316	#85-5255	#86-5493	#87-5512	#88-5579	#89-5659	#90-5262
#91-5261	#92-5640	#93-5353	#94-5583	#95-5528	#96-5392	#97-5408	#98-5414	#99-5424	#100-5536

Type 6 #10 [Back to Summary]									
#01-5614	#02-5395	#03-5320	#04-5313	#05-5717	#06-5404	#07-5496	#08-5365	#09-5710	#10-5687
#11-5610	#12-5458	#13-5711	#14-5608	#15-5392	#16-5277	#17-5695	#18-5497	#19-5550	#20-5261
#21-5415	#22-5615	#23-5366	#24-5564	#25-5372	#26-5501	#27-5444	#28-5470	#29-5481	#30-5495
#31-5653	#32-5459	#33-5688	#34-5686	#35-5661	#36-5658	#37-5516	#38-5681	#39-5325	#40-5575
#41-5719	#42-5388	#43-5585	#44-5692	#45-5370	#46-5524	#47-5644	#48-5461	#49-5430	#50-5492
#51-5413	#52-5629	#53-5577	#54-5401	#55-5358	#56-5724	#57-5276	#58-5476	#59-5662	#60-5462
#61-5678	#62-5273	#63-5602	#64-5457	#65-5283	#66-5397	#67-5490	#68-5269	#69-5667	#70-5450
#71-5485	#72-5260	#73-5416	#74-5698	#75-5267	#76-5272	#77-5280	#78-5393	#79-5438	#80-5568
#81-5572	#82-5701	#83-5288	#84-5706	#85-5328	#86-5271	#87-5597	#88-5532	#89-5569	#90-5656
#91-5627	#92-5291	#93-5268	#94-5582	#95-5616	#96-5689	#97-5508	#98-5369	#99-5651	#100-5696

Type 6 #11 [Back to Summary]									
#01-5283	#02-5629	#03-5518	#04-5703	#05-5260	#06-5405	#07-5464	#08-5607	#09-5389	#10-5345
#11-5697	#12-5604	#13-5290	#14-5347	#15-5615	#16-5706	#17-5716	#18-5624	#19-5386	#20-5263
#21-5523	#22-5683	#23-5424	#24-5257	#25-5547	#26-5451	#27-5719	#28-5556	#29-5330	#30-5301
#31-5488	#32-5627	#33-5461	#34-5467	#35-5536	#36-5669	#37-5432	#38-5307	#39-5695	#40-5645
#41-5530	#42-5718	#43-5392	#44-5477	#45-5687	#46-5277	#47-5721	#48-5643	#49-5691	#50-5632
#51-5698	#52-5597	#53-5709	#54-5640	#55-5419	#56-5322	#57-5449	#58-5505	#59-5401	#60-5529
#61-5408	#62-5622	#63-5521	#64-5337	#65-5574	#66-5318	#67-5390	#68-5544	#69-5528	#70-5662
#71-5514	#72-5654	#73-5647	#74-5457	#75-5448	#76-5522	#77-5538	#78-5665	#79-5289	#80-5511
#81-5444	#82-5317	#83-5580	#84-5410	#85-5320	#86-5598	#87-5635	#88-5534	#89-5291	#90-5456
#91-5460	#92-5642	#93-5616	#94-5404	#95-5479	#96-5614	#97-5431	#98-5300	#99-5611	#100-5612

Type 6 #12 [Back to Summary]									
#01-5607	#02-5423	#03-5363	#04-5277	#05-5366	#06-5292	#07-5679	#08-5498	#09-5443	#10-5620
#11-5507	#12-5511	#13-5470	#14-5610	#15-5330	#16-5341	#17-5295	#18-5361	#19-5266	#20-5701
#21-5406	#22-5581	#23-5508	#24-5321	#25-5454	#26-5601	#27-5284	#28-5491	#29-5705	#30-5558
#31-5339	#32-5489	#33-5301	#34-5396	#35-5641	#36-5280	#37-5683	#38-5561	#39-5304	#40-5281
#41-5654	#42-5398	#43-5352	#44-5404	#45-5682	#46-5684	#47-5432	#48-5264	#49-5336	#50-5400

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#51-5582	#52-5333	#53-5289	#54-5647	#55-5474	#56-5278	#57-5644	#58-5297	#59-5553	#60-5496
#61-5256	#62-5447	#63-5525	#64-5614	#65-5536	#66-5268	#67-5465	#68-5332	#69-5698	#70-5307
#71-5391	#72-5468	#73-5316	#74-5713	#75-5305	#76-5259	#77-5490	#78-5369	#79-5376	#80-5505
#81-5433	#82-5270	#83-5418	#84-5570	#85-5703	#86-5257	#87-5461	#88-5389	#89-5655	#90-5616
#91-5374	#92-5642	#93-5258	#94-5545	#95-5276	#96-5476	#97-5606	#98-5475	#99-5598	#100-5667

Type 6 #13 [Back to Summary]									
#01-5472	#02-5351	#03-5295	#04-5282	#05-5260	#06-5370	#07-5272	#08-5304	#09-5600	#10-5460
#11-5525	#12-5539	#13-5655	#14-5309	#15-5322	#16-5714	#17-5284	#18-5682	#19-5633	#20-5523
#21-5544	#22-5335	#23-5404	#24-5340	#25-5663	#26-5473	#27-5454	#28-5501	#29-5688	#30-5563
#31-5387	#32-5267	#33-5491	#34-5427	#35-5273	#36-5325	#37-5699	#38-5379	#39-5555	#40-5587
#41-5711	#42-5403	#43-5508	#44-5445	#45-5343	#46-5556	#47-5709	#48-5676	#49-5469	#50-5287
#51-5432	#52-5643	#53-5560	#54-5323	#55-5376	#56-5396	#57-5675	#58-5684	#59-5349	#60-5518
#61-5638	#62-5500	#63-5342	#64-5289	#65-5327	#66-5509	#67-5299	#68-5483	#69-5283	#70-5723
#71-5264	#72-5632	#73-5390	#74-5303	#75-5542	#76-5400	#77-5558	#78-5681	#79-5722	#80-5367
#81-5488	#82-5505	#83-5280	#84-5651	#85-5388	#86-5468	#87-5442	#88-5424	#89-5308	#90-5608
#91-5375	#92-5261	#93-5278	#94-5290	#95-5667	#96-5471	#97-5318	#98-5478	#99-5380	#100-5570

Type 6 #14 [Back to Summary]									
#01-5504	#02-5481	#03-5644	#04-5467	#05-5269	#06-5521	#07-5512	#08-5506	#09-5509	#10-5705
#11-5567	#12-5719	#13-5685	#14-5708	#15-5281	#16-5387	#17-5462	#18-5408	#19-5630	#20-5583
#21-5315	#22-5602	#23-5422	#24-5400	#25-5604	#26-5251	#27-5606	#28-5346	#29-5354	#30-5322
#31-5330	#32-5333	#33-5562	#34-5413	#35-5582	#36-5253	#37-5581	#38-5537	#39-5635	#40-5587
#41-5677	#42-5657	#43-5634	#44-5321	#45-5289	#46-5374	#47-5301	#48-5295	#49-5254	#50-5529
#51-5721	#52-5624	#53-5557	#54-5505	#55-5489	#56-5626	#57-5306	#58-5486	#59-5590	#60-5267
#61-5642	#62-5415	#63-5401	#64-5436	#65-5623	#66-5478	#67-5405	#68-5523	#69-5376	#70-5279
#71-5534	#72-5659	#73-5499	#74-5298	#75-5633	#76-5384	#77-5694	#78-5355	#79-5365	#80-5476
#81-5676	#82-5560	#83-5345	#84-5550	#85-5328	#86-5433	#87-5495	#88-5304	#89-5650	#90-5683
#91-5673	#92-5342	#93-5672	#94-5614	#95-5671	#96-5513	#97-5500	#98-5445	#99-5423	#100-5531

Type 6 #15 [Back to Summary]									
#01-5693	#02-5502	#03-5641	#04-5699	#05-5720	#06-5315	#07-5370	#08-5513	#09-5601	#10-5357
#11-5655	#12-5675	#13-5376	#14-5359	#15-5314	#16-5327	#17-5318	#18-5572	#19-5360	#20-5443
#21-5710	#22-5352	#23-5600	#24-5422	#25-5331	#26-5445	#27-5706	#28-5610	#29-5348	#30-5371
#31-5603	#32-5495	#33-5652	#34-5555	#35-5510	#36-5423	#37-5642	#38-5373	#39-5553	#40-5260
#41-5306	#42-5707	#43-5427	#44-5536	#45-5273	#46-5719	#47-5686	#48-5560	#49-5546	#50-5590
#51-5446	#52-5653	#53-5337	#54-5703	#55-5541	#56-5585	#57-5621	#58-5469	#59-5614	#60-5522
#61-5329	#62-5480	#63-5412	#64-5482	#65-5474	#66-5408	#67-5270	#68-5540	#69-5571	#70-5618
#71-5405	#72-5671	#73-5266	#74-5344	#75-5383	#76-5252	#77-5651	#78-5311	#79-5397	#80-5334
#81-5477	#82-5396	#83-5307	#84-5483	#85-5646	#86-5672	#87-5407	#88-5670	#89-5261	#90-5640
#91-5520	#92-5425	#93-5476	#94-5278	#95-5650	#96-5549	#97-5539	#98-5663	#99-5303	#100-5584

Type 6 #16 [Back to Summary]									
#01-5697	#02-5395	#03-5713	#04-5653	#05-5434	#06-5495	#07-5635	#08-5716	#09-5571	#10-5540
#11-5659	#12-5555	#13-5323	#14-5527	#15-5298	#16-5661	#17-5419	#18-5656	#19-5560	#20-5524
#21-5255	#22-5324	#23-5529	#24-5649	#25-5346	#26-5710	#27-5443	#28-5715	#29-5416	#30-5553

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#31-5430	#32-5712	#33-5258	#34-5528	#35-5361	#36-5330	#37-5403	#38-5380	#39-5294	#40-5400
#41-5285	#42-5414	#43-5349	#44-5446	#45-5706	#46-5684	#47-5345	#48-5668	#49-5698	#50-5711
#51-5376	#52-5604	#53-5350	#54-5501	#55-5580	#56-5617	#57-5585	#58-5308	#59-5552	#60-5449
#61-5297	#62-5640	#63-5542	#64-5266	#65-5359	#66-5667	#67-5547	#68-5511	#69-5417	#70-5689
#71-5500	#72-5287	#73-5608	#74-5409	#75-5488	#76-5564	#77-5695	#78-5337	#79-5663	#80-5382
#81-5610	#82-5493	#83-5263	#84-5429	#85-5427	#86-5546	#87-5611	#88-5475	#89-5672	#90-5463
#91-5466	#92-5341	#93-5548	#94-5572	#95-5351	#96-5363	#97-5592	#98-5327	#99-5329	#100-5284

Type 6 #17 [Back to Summary]									
#01-5387	#02-5555	#03-5503	#04-5258	#05-5459	#06-5339	#07-5721	#08-5664	#09-5260	#10-5268
#11-5647	#12-5498	#13-5368	#14-5424	#15-5560	#16-5526	#17-5632	#18-5365	#19-5565	#20-5534
#21-5306	#22-5322	#23-5569	#24-5678	#25-5474	#26-5410	#27-5464	#28-5290	#29-5309	#30-5381
#31-5697	#32-5618	#33-5255	#34-5629	#35-5722	#36-5312	#37-5719	#38-5254	#39-5694	#40-5342
#41-5552	#42-5673	#43-5470	#44-5656	#45-5541	#46-5693	#47-5702	#48-5378	#49-5266	#50-5550
#51-5455	#52-5478	#53-5493	#54-5522	#55-5706	#56-5317	#57-5711	#58-5549	#59-5507	#60-5299
#61-5599	#62-5677	#63-5603	#64-5602	#65-5296	#66-5282	#67-5488	#68-5458	#69-5423	#70-5496
#71-5525	#72-5625	#73-5394	#74-5469	#75-5703	#76-5356	#77-5578	#78-5630	#79-5383	#80-5501
#81-5429	#82-5336	#83-5277	#84-5479	#85-5645	#86-5463	#87-5373	#88-5450	#89-5643	#90-5654
#91-5323	#92-5417	#93-5468	#94-5644	#95-5457	#96-5594	#97-5319	#98-5588	#99-5610	#100-5512

Type 6 #18 [Back to Summary]									
#01-5453	#02-5490	#03-5677	#04-5491	#05-5274	#06-5554	#07-5332	#08-5269	#09-5544	#10-5603
#11-5461	#12-5330	#13-5417	#14-5254	#15-5594	#16-5515	#17-5656	#18-5376	#19-5684	#20-5552
#21-5632	#22-5286	#23-5541	#24-5493	#25-5426	#26-5358	#27-5406	#28-5472	#29-5260	#30-5360
#31-5289	#32-5713	#33-5271	#34-5598	#35-5304	#36-5668	#37-5387	#38-5513	#39-5457	#40-5345
#41-5389	#42-5356	#43-5641	#44-5297	#45-5447	#46-5716	#47-5251	#48-5470	#49-5309	#50-5676
#51-5666	#52-5667	#53-5631	#54-5315	#55-5607	#56-5421	#57-5673	#58-5436	#59-5317	#60-5642
#61-5400	#62-5585	#63-5259	#64-5438	#65-5567	#66-5479	#67-5314	#68-5550	#69-5682	#70-5650
#71-5382	#72-5398	#73-5645	#74-5588	#75-5418	#76-5529	#77-5373	#78-5502	#79-5300	#80-5441
#81-5357	#82-5669	#83-5420	#84-5312	#85-5424	#86-5347	#87-5335	#88-5689	#89-5715	#90-5609
#91-5720	#92-5678	#93-5452	#94-5540	#95-5671	#96-5527	#97-5348	#98-5460	#99-5462	#100-5697

Type 6 #19 [Back to Summary]									
#01-5654	#02-5429	#03-5511	#04-5379	#05-5545	#06-5521	#07-5272	#08-5293	#09-5622	#10-5329
#11-5297	#12-5425	#13-5386	#14-5603	#15-5537	#16-5457	#17-5419	#18-5675	#19-5264	#20-5472
#21-5394	#22-5352	#23-5561	#24-5321	#25-5658	#26-5432	#27-5674	#28-5357	#29-5643	#30-5615
#31-5435	#32-5642	#33-5292	#34-5328	#35-5508	#36-5652	#37-5405	#38-5285	#39-5492	#40-5623
#41-5323	#42-5287	#43-5313	#44-5636	#45-5564	#46-5548	#47-5543	#48-5573	#49-5252	#50-5468
#51-5359	#52-5400	#53-5444	#54-5711	#55-5555	#56-5556	#57-5599	#58-5443	#59-5453	#60-5368
#61-5578	#62-5645	#63-5376	#64-5256	#65-5626	#66-5381	#67-5384	#68-5307	#69-5347	#70-5613
#71-5302	#72-5389	#73-5440	#74-5371	#75-5404	#76-5356	#77-5289	#78-5655	#79-5491	#80-5364
#81-5617	#82-5354	#83-5358	#84-5437	#85-5517	#86-5282	#87-5465	#88-5310	#89-5510	#90-5686
#91-5305	#92-5695	#93-5570	#94-5380	#95-5300	#96-5417	#97-5644	#98-5309	#99-5262	#100-5448

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Type 6 #20 [Back to Summary]									
#01-5413	#02-5484	#03-5474	#04-5366	#05-5415	#06-5697	#07-5688	#08-5319	#09-5562	#10-5446
#11-5513	#12-5675	#13-5679	#14-5337	#15-5480	#16-5468	#17-5537	#18-5671	#19-5470	#20-5588
#21-5648	#22-5320	#23-5531	#24-5389	#25-5557	#26-5334	#27-5547	#28-5306	#29-5316	#30-5716
#31-5441	#32-5709	#33-5631	#34-5298	#35-5669	#36-5376	#37-5603	#38-5712	#39-5261	#40-5535
#41-5318	#42-5381	#43-5469	#44-5301	#45-5416	#46-5352	#47-5257	#48-5475	#49-5618	#50-5555
#51-5595	#52-5687	#53-5559	#54-5399	#55-5506	#56-5340	#57-5676	#58-5331	#59-5533	#60-5327
#61-5400	#62-5627	#63-5251	#64-5573	#65-5253	#66-5526	#67-5290	#68-5629	#69-5393	#70-5355
#71-5592	#72-5550	#73-5660	#74-5657	#75-5515	#76-5517	#77-5578	#78-5476	#79-5701	#80-5451
#81-5326	#82-5323	#83-5419	#84-5490	#85-5371	#86-5482	#87-5402	#88-5485	#89-5521	#90-5585
#91-5425	#92-5524	#93-5428	#94-5659	#95-5385	#96-5417	#97-5378	#98-5626	#99-5295	#100-5615

Type 6 #21 [Back to Summary]									
#01-5309	#02-5355	#03-5332	#04-5517	#05-5689	#06-5296	#07-5275	#08-5624	#09-5608	#10-5713
#11-5488	#12-5451	#13-5358	#14-5330	#15-5724	#16-5326	#17-5463	#18-5489	#19-5450	#20-5501
#21-5379	#22-5538	#23-5362	#24-5537	#25-5653	#26-5317	#27-5374	#28-5252	#29-5525	#30-5351
#31-5392	#32-5676	#33-5429	#34-5338	#35-5401	#36-5698	#37-5717	#38-5626	#39-5529	#40-5323
#41-5457	#42-5506	#43-5599	#44-5535	#45-5345	#46-5696	#47-5419	#48-5349	#49-5659	#50-5308
#51-5679	#52-5618	#53-5428	#54-5531	#55-5490	#56-5502	#57-5719	#58-5524	#59-5589	#60-5620
#61-5649	#62-5271	#63-5354	#64-5510	#65-5577	#66-5542	#67-5273	#68-5267	#69-5658	#70-5277
#71-5334	#72-5564	#73-5684	#74-5381	#75-5293	#76-5600	#77-5661	#78-5556	#79-5441	#80-5677
#81-5627	#82-5270	#83-5318	#84-5460	#85-5398	#86-5494	#87-5500	#88-5623	#89-5575	#90-5619
#91-5703	#92-5443	#93-5286	#94-5631	#95-5402	#96-5431	#97-5403	#98-5341	#99-5680	#100-5534

Type 6 #22 [Back to Summary]									
#01-5673	#02-5396	#03-5414	#04-5633	#05-5704	#06-5369	#07-5656	#08-5299	#09-5483	#10-5611
#11-5560	#12-5416	#13-5330	#14-5632	#15-5719	#16-5625	#17-5679	#18-5613	#19-5362	#20-5329
#21-5284	#22-5376	#23-5421	#24-5286	#25-5296	#26-5608	#27-5522	#28-5306	#29-5701	#30-5584
#31-5451	#32-5569	#33-5595	#34-5634	#35-5255	#36-5478	#37-5578	#38-5409	#39-5480	#40-5272
#41-5556	#42-5450	#43-5390	#44-5687	#45-5310	#46-5535	#47-5363	#48-5379	#49-5637	#50-5495
#51-5474	#52-5507	#53-5699	#54-5596	#55-5496	#56-5545	#57-5703	#58-5374	#59-5583	#60-5339
#61-5568	#62-5600	#63-5321	#64-5619	#65-5412	#66-5715	#67-5538	#68-5423	#69-5628	#70-5486
#71-5293	#72-5517	#73-5385	#74-5340	#75-5493	#76-5557	#77-5710	#78-5455	#79-5700	#80-5479
#81-5498	#82-5392	#83-5393	#84-5454	#85-5356	#86-5667	#87-5594	#88-5250	#89-5384	#90-5433
#91-5503	#92-5453	#93-5547	#94-5386	#95-5426	#96-5683	#97-5370	#98-5497	#99-5525	#100-5314

Type 6 #23 [Back to Summary]									
#01-5719	#02-5664	#03-5473	#04-5395	#05-5448	#06-5679	#07-5368	#08-5606	#09-5349	#10-5659
#11-5560	#12-5493	#13-5397	#14-5348	#15-5565	#16-5425	#17-5456	#18-5590	#19-5507	#20-5469
#21-5364	#22-5542	#23-5283	#24-5443	#25-5712	#26-5566	#27-5697	#28-5722	#29-5637	#30-5534
#31-5428	#32-5462	#33-5656	#34-5631	#35-5488	#36-5556	#37-5644	#38-5723	#39-5257	#40-5402
#41-5545	#42-5711	#43-5620	#44-5445	#45-5593	#46-5256	#47-5304	#48-5440	#49-5544	#50-5250
#51-5475	#52-5509	#53-5709	#54-5301	#55-5674	#56-5419	#57-5625	#58-5278	#59-5403	#60-5605
#61-5703	#62-5366	#63-5689	#64-5532	#65-5476	#66-5341	#67-5555	#68-5485	#69-5582	#70-5258
#71-5501	#72-5451	#73-5579	#74-5343	#75-5643	#76-5373	#77-5640	#78-5554	#79-5571	#80-5701

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#81-5502	#82-5495	#83-5413	#84-5635	#85-5307	#86-5642	#87-5466	#88-5602	#89-5680	#90-5310
#91-5652	#92-5611	#93-5558	#94-5365	#95-5415	#96-5416	#97-5270	#98-5328	#99-5694	#100-5491

Type 6 #24 [Back to Summary]									
#01-5422	#02-5543	#03-5586	#04-5541	#05-5469	#06-5269	#07-5655	#08-5614	#09-5380	#10-5548
#11-5507	#12-5319	#13-5429	#14-5427	#15-5350	#16-5456	#17-5675	#18-5303	#19-5480	#20-5561
#21-5599	#22-5680	#23-5531	#24-5521	#25-5326	#26-5615	#27-5620	#28-5454	#29-5649	#30-5467
#31-5356	#32-5558	#33-5588	#34-5323	#35-5530	#36-5692	#37-5641	#38-5607	#39-5413	#40-5288
#41-5716	#42-5584	#43-5471	#44-5381	#45-5525	#46-5582	#47-5432	#48-5382	#49-5271	#50-5696
#51-5476	#52-5693	#53-5578	#54-5385	#55-5628	#56-5463	#57-5259	#58-5311	#59-5460	#60-5581
#61-5371	#62-5442	#63-5691	#64-5638	#65-5435	#66-5677	#67-5452	#68-5349	#69-5623	#70-5379
#71-5538	#72-5312	#73-5610	#74-5433	#75-5566	#76-5260	#77-5449	#78-5393	#79-5719	#80-5466
#81-5418	#82-5483	#83-5426	#84-5679	#85-5717	#86-5386	#87-5703	#88-5443	#89-5415	#90-5307
#91-5678	#92-5573	#93-5384	#94-5559	#95-5640	#96-5514	#97-5621	#98-5560	#99-5668	#100-5574

Type 6 #25 [Back to Summary]									
#01-5375	#02-5331	#03-5491	#04-5611	#05-5403	#06-5413	#07-5330	#08-5393	#09-5547	#10-5616
#11-5264	#12-5588	#13-5319	#14-5722	#15-5408	#16-5622	#17-5262	#18-5261	#19-5646	#20-5299
#21-5699	#22-5260	#23-5656	#24-5557	#25-5436	#26-5690	#27-5649	#28-5301	#29-5523	#30-5302
#31-5368	#32-5614	#33-5456	#34-5394	#35-5345	#36-5348	#37-5716	#38-5549	#39-5527	#40-5556
#41-5312	#42-5561	#43-5629	#44-5534	#45-5298	#46-5346	#47-5506	#48-5399	#49-5410	#50-5271
#51-5507	#52-5609	#53-5647	#54-5623	#55-5601	#56-5367	#57-5406	#58-5661	#59-5433	#60-5442
#61-5488	#62-5282	#63-5594	#64-5497	#65-5500	#66-5377	#67-5386	#68-5658	#69-5633	#70-5314
#71-5631	#72-5444	#73-5464	#74-5340	#75-5712	#76-5392	#77-5359	#78-5372	#79-5512	#80-5341
#81-5441	#82-5510	#83-5624	#84-5509	#85-5524	#86-5483	#87-5697	#88-5562	#89-5517	#90-5703
#91-5671	#92-5307	#93-5370	#94-5337	#95-5317	#96-5277	#97-5689	#98-5387	#99-5285	#100-5653

Type 6 #26 [Back to Summary]									
#01-5682	#02-5576	#03-5488	#04-5341	#05-5365	#06-5316	#07-5398	#08-5556	#09-5633	#10-5462
#11-5257	#12-5282	#13-5401	#14-5338	#15-5251	#16-5708	#17-5389	#18-5342	#19-5701	#20-5268
#21-5408	#22-5553	#23-5394	#24-5653	#25-5372	#26-5572	#27-5320	#28-5375	#29-5272	#30-5684
#31-5432	#32-5700	#33-5335	#34-5586	#35-5387	#36-5585	#37-5265	#38-5530	#39-5396	#40-5458
#41-5334	#42-5399	#43-5649	#44-5302	#45-5694	#46-5636	#47-5634	#48-5284	#49-5343	#50-5339
#51-5617	#52-5601	#53-5416	#54-5269	#55-5502	#56-5386	#57-5446	#58-5564	#59-5697	#60-5523
#61-5722	#62-5279	#63-5537	#64-5672	#65-5290	#66-5286	#67-5670	#68-5542	#69-5678	#70-5405
#71-5691	#72-5584	#73-5671	#74-5500	#75-5655	#76-5262	#77-5625	#78-5347	#79-5680	#80-5465
#81-5657	#82-5293	#83-5289	#84-5656	#85-5322	#86-5548	#87-5543	#88-5321	#89-5346	#90-5252
#91-5410	#92-5438	#93-5557	#94-5594	#95-5463	#96-5312	#97-5580	#98-5702	#99-5266	#100-5661

Type 6 #27 [Back to Summary]									
#01-5688	#02-5343	#03-5325	#04-5667	#05-5368	#06-5282	#07-5649	#08-5629	#09-5334	#10-5484
#11-5476	#12-5348	#13-5603	#14-5490	#15-5584	#16-5685	#17-5717	#18-5597	#19-5604	#20-5459
#21-5458	#22-5605	#23-5450	#24-5677	#25-5722	#26-5513	#27-5277	#28-5330	#29-5293	#30-5596
#31-5406	#32-5652	#33-5323	#34-5267	#35-5496	#36-5563	#37-5686	#38-5341	#39-5540	#40-5284
#41-5623	#42-5637	#43-5706	#44-5572	#45-5498	#46-5300	#47-5544	#48-5315	#49-5257	#50-5492
#51-5316	#52-5704	#53-5349	#54-5525	#55-5448	#56-5335	#57-5613	#58-5377	#59-5669	#60-5573

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#61-5253	#62-5564	#63-5583	#64-5454	#65-5328	#66-5543	#67-5271	#68-5581	#69-5716	#70-5269
#71-5723	#72-5625	#73-5308	#74-5566	#75-5555	#76-5539	#77-5622	#78-5598	#79-5424	#80-5671
#81-5691	#82-5683	#83-5324	#84-5516	#85-5527	#86-5422	#87-5552	#88-5514	#89-5532	#90-5410
#91-5673	#92-5556	#93-5392	#94-5690	#95-5280	#96-5306	#97-5302	#98-5489	#99-5493	#100-5674

Type 6 #28 [Back to Summary]									
#01-5278	#02-5687	#03-5324	#04-5714	#05-5496	#06-5413	#07-5647	#08-5495	#09-5690	#10-5627
#11-5432	#12-5263	#13-5669	#14-5723	#15-5605	#16-5292	#17-5492	#18-5313	#19-5644	#20-5621
#21-5710	#22-5470	#23-5294	#24-5550	#25-5318	#26-5408	#27-5480	#28-5343	#29-5539	#30-5505
#31-5494	#32-5374	#33-5351	#34-5472	#35-5641	#36-5254	#37-5610	#38-5335	#39-5279	#40-5375
#41-5506	#42-5315	#43-5558	#44-5636	#45-5704	#46-5661	#47-5614	#48-5396	#49-5333	#50-5713
#51-5535	#52-5712	#53-5573	#54-5595	#55-5688	#56-5527	#57-5640	#58-5489	#59-5643	#60-5337
#61-5654	#62-5552	#63-5677	#64-5431	#65-5382	#66-5306	#67-5631	#68-5442	#69-5329	#70-5597
#71-5401	#72-5409	#73-5283	#74-5522	#75-5371	#76-5645	#77-5634	#78-5380	#79-5567	#80-5379
#81-5514	#82-5336	#83-5259	#84-5547	#85-5692	#86-5502	#87-5520	#88-5467	#89-5504	#90-5361
#91-5332	#92-5367	#93-5414	#94-5666	#95-5440	#96-5670	#97-5357	#98-5370	#99-5501	#100-5646

Type 6 #29 [Back to Summary]									
#01-5273	#02-5421	#03-5317	#04-5453	#05-5562	#06-5376	#07-5680	#08-5301	#09-5480	#10-5293
#11-5616	#12-5515	#13-5648	#14-5519	#15-5545	#16-5572	#17-5548	#18-5379	#19-5467	#20-5603
#21-5508	#22-5412	#23-5665	#24-5693	#25-5520	#26-5284	#27-5724	#28-5341	#29-5334	#30-5426
#31-5539	#32-5521	#33-5604	#34-5650	#35-5355	#36-5346	#37-5267	#38-5534	#39-5714	#40-5569
#41-5553	#42-5470	#43-5720	#44-5460	#45-5469	#46-5546	#47-5441	#48-5621	#49-5370	#50-5596
#51-5371	#52-5703	#53-5629	#54-5627	#55-5386	#56-5584	#57-5479	#58-5345	#59-5657	#60-5524
#61-5373	#62-5588	#63-5690	#64-5299	#65-5475	#66-5340	#67-5637	#68-5722	#69-5407	#70-5442
#71-5551	#72-5261	#73-5388	#74-5625	#75-5296	#76-5283	#77-5416	#78-5446	#79-5466	#80-5698
#81-5565	#82-5352	#83-5692	#84-5459	#85-5302	#86-5560	#87-5615	#88-5700	#89-5505	#90-5492
#91-5589	#92-5644	#93-5601	#94-5431	#95-5434	#96-5686	#97-5500	#98-5668	#99-5708	#100-5368

Type 6 #30 [Back to Summary]									
#01-5634	#02-5446	#03-5457	#04-5651	#05-5293	#06-5359	#07-5564	#08-5253	#09-5577	#10-5352
#11-5417	#12-5283	#13-5606	#14-5683	#15-5687	#16-5271	#17-5618	#18-5478	#19-5723	#20-5644
#21-5453	#22-5660	#23-5462	#24-5638	#25-5580	#26-5629	#27-5384	#28-5676	#29-5430	#30-5334
#31-5503	#32-5473	#33-5464	#34-5341	#35-5313	#36-5368	#37-5620	#38-5292	#39-5419	#40-5669
#41-5719	#42-5608	#43-5373	#44-5407	#45-5328	#46-5552	#47-5287	#48-5645	#49-5479	#50-5421
#51-5319	#52-5278	#53-5671	#54-5315	#55-5647	#56-5699	#57-5708	#58-5538	#59-5318	#60-5388
#61-5697	#62-5605	#63-5541	#64-5492	#65-5568	#66-5665	#67-5537	#68-5510	#69-5611	#70-5562
#71-5371	#72-5571	#73-5305	#74-5303	#75-5648	#76-5559	#77-5530	#78-5302	#79-5555	#80-5275
#81-5589	#82-5461	#83-5445	#84-5261	#85-5264	#86-5474	#87-5524	#88-5399	#89-5418	#90-5343
#91-5386	#92-5335	#93-5702	#94-5284	#95-5695	#96-5360	#97-5322	#98-5602	#99-5557	#100-5391

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Type 5 #1 5294 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	1397779	56	0	0	102165	1500000
2	2	6	135546	85	1918	0	1362366	1500000
3	3	6	1090525	82	1760	1052	406417	1500000
4	1	6	566181	63	0	0	933756	1500000
5	1	6	291360	68	0	0	1208572	1500000
6	2	6	390169	80	1201	0	1108470	1500000
7	3	6	903445	90	1940	1115	593230	1500000
8	2	6	1095140	72	1876	0	402840	1500000

Type 5 #2 5294 [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	741173	84	1810	0	347758	1090909
2	3	6	948391	93	1265	1718	139256	1090909
3	3	6	717000	58	1341	1156	371238	1090909
4	2	6	1026598	65	1904	0	62277	1090909
5	2	6	1010989	88	1281	0	78463	1090909
6	1	6	289795	56	0	0	801058	1090909
7	1	6	204655	96	0	0	886158	1090909
8	2	6	17547	52	1194	0	1072064	1090909
9	1	6	943332	93	0	0	147484	1090909
10	3	6	448507	76	1700	1991	638483	1090909
11	3	6	501931	84	1096	1380	586250	1090909

Type 5 #3 5310 [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	551497	53	0	0	115116	666666
2	1	13	428253	90	0	0	238323	666666
3	3	13	444155	73	1322	1287	219683	666666
4	3	13	623072	79	1052	1770	40535	666666
5	3	13	352569	86	1660	1595	310584	666666
6	3	13	395546	87	1278	1006	268575	666666
7	1	13	20081	77	0	0	646508	666666
8	2	13	557615	94	1487	0	107376	666666
9	3	13	372435	82	1524	1348	291113	666666
10	3	13	27033	81	1652	2000	635738	666666
11	3	13	583350	90	1416	1411	80219	666666
12	2	13	512702	50	1427	0	152437	666666

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13	1	13	186602	87	0	0	479977	666666
14	3	13	372336	91	1195	1172	291690	666666
15	1	13	90693	91	0	0	575882	666666
16	1	13	560830	57	0	0	105779	666666
17	1	13	262746	81	0	0	403839	666666
18	2	13	412396	63	1738	0	252406	666666

Type 5 #4 5322 [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	909614	73	1620	1694	9929	923076
2	3	14	742262	73	1828	1733	177034	923076
3	3	14	483210	67	1275	1633	436757	923076
4	1	14	705089	66	0	0	217921	923076
5	2	14	601717	58	1850	0	319393	923076
6	1	14	268100	84	0	0	654892	923076
7	2	14	615586	85	1238	0	306082	923076
8	2	14	275332	72	1690	0	645910	923076
9	1	14	67064	59	0	0	855953	923076
10	2	14	809773	87	1967	0	111162	923076
11	1	14	82135	73	0	0	840868	923076
12	3	14	680837	55	1808	1445	238821	923076
13	2	14	408556	81	1773	0	512585	923076

Type 5 #5 5326 [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	17488	92	0	0	782420	800000
2	2	5	312119	79	1000	0	486723	800000
3	3	5	655901	84	1848	1806	140193	800000
4	3	5	144892	80	1406	1111	652351	800000
5	2	5	317052	98	1515	0	481237	800000
6	2	5	788421	61	1253	0	10204	800000
7	3	5	321045	87	1872	1977	474845	800000
8	1	5	646563	63	0	0	153374	800000
9	2	5	615203	73	1941	0	182710	800000
10	3	5	280267	88	1621	1883	515965	800000
11	1	5	550654	88	0	0	249258	800000
12	3	5	624788	91	1341	1171	172427	800000
13	3	5	745042	52	1814	1838	51150	800000
14	3	5	470943	59	1535	1536	325809	800000
15	1	5	8935	92	0	0	790973	800000

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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	10	231251	82	1842	1988	564673	800000
2	3	10	19212	80	1727	1093	777728	800000
3	2	10	526509	70	1127	0	272224	800000
4	1	10	278608	92	0	0	521300	800000
5	3	10	429426	60	1416	1696	367282	800000
6	3	10	147975	97	1429	1742	648563	800000
7	2	10	99467	60	1179	0	699234	800000
8	3	10	37832	82	1437	1939	758546	800000
9	1	10	593390	51	0	0	206559	800000
10	3	10	131342	52	1254	1397	665851	800000
11	1	10	341102	93	0	0	458805	800000
12	1	10	704867	53	0	0	95080	800000
13	2	10	670605	65	1352	0	127913	800000
14	1	10	654631	60	0	0	145309	800000
15	2	10	327393	57	1195	0	471298	800000

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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	17	15805	95	1175	1345	731390	750000
2	2	17	623941	67	1755	0	124170	750000
3	3	17	520657	95	1558	1284	226216	750000
4	3	17	177679	59	1328	1543	569273	750000
5	3	17	518512	62	1740	1168	228394	750000
6	1	17	313455	57	0	0	436488	750000
7	3	17	596890	95	1767	1122	149936	750000
8	3	17	524470	78	1845	1193	222258	750000
9	1	17	93710	65	0	0	656225	750000
10	2	17	235744	73	1314	0	512796	750000
11	1	17	341477	52	0	0	408471	750000
12	1	17	631583	81	0	0	118336	750000
13	2	17	308413	75	1429	0	440008	750000
14	3	17	129145	83	1517	1390	617699	750000
15	2	17	743061	89	1699	0	5062	750000
16	1	17	548673	97	0	0	201230	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	233381	92	1116	1668	1096892	1333333
2	3	6	658181	86	1184	1699	672011	1333333
3	3	6	1035739	69	1772	1608	294007	1333333
4	1	6	740996	55	0	0	592282	1333333
5	1	6	208616	83	0	0	1124634	1333333
6	1	6	828617	56	0	0	504660	1333333
7	3	6	1099645	80	1058	1308	231082	1333333
8	2	6	543937	86	1775	0	787449	1333333
9	1	6	231511	76	0	0	1101746	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	17	351113	84	0	0	280381	631578
2	1	17	147594	77	0	0	483907	631578
3	3	17	628594	99	1843	1371	-527	631578
4	1	17	100278	72	0	0	531228	631578
5	3	17	438362	60	1542	1003	190491	631578
6	2	17	574642	52	1263	0	55569	631578
7	1	17	296287	57	0	0	335234	631578
8	3	17	50214	84	1916	1013	578183	631578
9	1	17	11095	98	0	0	620385	631578
10	1	17	602235	78	0	0	29265	631578
11	1	17	275777	98	0	0	355703	631578
12	3	17	341152	50	1675	1234	287367	631578
13	2	17	613752	52	1105	0	16617	631578
14	1	17	429495	82	0	0	202001	631578
15	3	17	530753	86	1313	1300	97954	631578
16	1	17	33731	83	0	0	597764	631578
17	3	17	136446	56	1130	1829	492005	631578
18	2	17	96333	91	1689	0	533374	631578
19	3	17	441550	81	1673	1374	186738	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	3	8	666064	89	1233	1733	330703	1000000
2	2	8	180595	91	1358	0	817865	1000000
3	1	8	224714	71	0	0	775215	1000000

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4	1	8	504015	52	0	0	495933	1000000
5	3	8	640031	78	1526	1109	357100	1000000
6	3	8	293424	88	1141	1104	704067	1000000
7	3	8	854595	80	1939	1243	141983	1000000
8	2	8	459957	94	1153	0	538702	1000000
9	3	8	444820	69	1430	1645	551898	1000000
10	2	8	661295	98	1971	0	336538	1000000
11	2	8	125731	81	1362	0	872745	1000000
12	1	8	453130	87	0	0	546783	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	3	12	322833	58	1159	1569	597341	923076
2	3	12	917344	55	1731	1726	2110	923076
3	3	12	706293	65	1665	1147	213776	923076
4	1	12	814393	58	0	0	108625	923076
5	2	12	225203	87	1392	0	696307	923076
6	2	12	127582	88	1067	0	794251	923076
7	1	12	285410	74	0	0	637592	923076
8	3	12	483183	70	1955	1311	436417	923076
9	2	12	705049	97	1449	0	216384	923076
10	2	12	322844	90	1555	0	598497	923076
11	1	12	87652	63	0	0	835361	923076
12	3	12	191017	71	1176	1435	729235	923076
13	2	12	716754	83	1458	0	204698	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	17	306874	79	1787	1250	780761	1090909
2	1	17	934198	69	0	0	156642	1090909
3	1	17	79142	100	0	0	1011667	1090909
4	3	17	244605	66	1375	1535	843196	1090909
5	2	17	1055257	60	1382	0	34150	1090909
6	2	17	821352	96	1319	0	268046	1090909
7	2	17	164346	60	1809	0	924634	1090909
8	3	17	958465	69	1845	1316	129076	1090909
9	1	17	152457	73	0	0	938379	1090909
10	2	17	184849	77	1466	0	904440	1090909
11	2	17	319155	91	1980	0	769592	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	10	114240	54	1895	1424	482279	600000
2	2	10	318104	97	1262	0	280440	600000
3	1	10	275967	61	0	0	323972	600000
4	3	10	266653	51	1041	1304	330849	600000
5	2	10	135216	55	1284	0	463390	600000
6	3	10	336788	62	1441	1504	260081	600000
7	2	10	338103	89	1904	0	259815	600000
8	3	10	335224	57	1473	1161	261971	600000
9	1	10	455824	97	0	0	144079	600000
10	3	10	585333	92	1963	1158	11270	600000
11	1	10	593353	97	0	0	6550	600000
12	2	10	80732	91	1774	0	517312	600000
13	2	10	529333	88	1165	0	69326	600000
14	2	10	61143	72	1494	0	537219	600000
15	3	10	524822	92	1778	1901	71223	600000
16	2	10	246427	50	1467	0	352006	600000
17	2	10	178880	67	1207	0	419779	600000
18	3	10	219356	71	1978	1954	376499	600000
19	1	10	481980	51	0	0	117969	600000
20	1	10	187473	99	0	0	412428	600000

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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	81909	51	0	0	668040	750000
2	1	7	248831	91	0	0	501078	750000
3	3	7	436220	50	1413	1959	310258	750000
4	2	7	739977	50	1516	0	8407	750000
5	2	7	101741	89	1751	0	646330	750000
6	3	7	53583	69	1288	1156	693766	750000
7	3	7	616462	64	1543	1436	130367	750000
8	3	7	542589	94	1689	1310	204130	750000
9	1	7	80881	53	0	0	669066	750000
10	2	7	616817	56	1715	0	131356	750000
11	2	7	383438	53	1131	0	365325	750000
12	1	7	668929	70	0	0	81001	750000
13	2	7	227951	57	1495	0	520440	750000
14	1	7	411753	71	0	0	338176	750000
15	3	7	352861	56	1648	1541	393782	750000
16	1	7	561107	72	0	0	188821	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	1	8	50196	61	0	0	749743	800000
2	2	8	638689	82	1475	0	159672	800000
3	3	8	211625	96	1230	1651	585206	800000
4	3	8	139989	82	1590	1944	656231	800000
5	1	8	260757	70	0	0	539173	800000
6	1	8	475337	71	0	0	324592	800000
7	1	8	714109	68	0	0	85823	800000
8	2	8	706413	57	1906	0	91567	800000
9	1	8	60705	56	0	0	739239	800000
10	3	8	15540	95	1560	1818	780797	800000
11	2	8	398080	50	1143	0	400677	800000
12	2	8	602226	53	1140	0	196528	800000
13	3	8	553930	73	1224	1816	242811	800000
14	2	8	481645	60	1339	0	316896	800000
15	2	8	645369	85	1758	0	152703	800000

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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	13	775974	70	0	0	557289	1333333
2	3	13	18424	91	1212	1382	1312042	1333333
3	1	13	748936	62	0	0	584335	1333333
4	3	13	477315	93	1097	1049	853593	1333333
5	2	13	428961	78	1417	0	902799	1333333
6	2	13	1296569	100	1691	0	34873	1333333
7	3	13	1106972	66	1653	1230	223280	1333333
8	2	13	1319491	70	1733	0	11969	1333333
9	3	13	813361	96	1588	1281	516815	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	3	5	310878	51	1714	1976	885279	1200000
2	2	5	429187	91	1522	0	769109	1200000
3	1	5	1101402	88	0	0	98510	1200000
4	2	5	380197	54	1209	0	818486	1200000
5	3	5	1007789	68	1521	1635	188851	1200000
6	3	5	1161660	89	1991	1796	34286	1200000
7	2	5	580172	63	1912	0	617790	1200000

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8	3	5	561307	79	1137	1157	636162	1200000
9	2	5	1008852	78	1450	0	189542	1200000
10	3	5	1077906	82	1814	1380	118654	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	8	1097014	90	1819	0	234320	1333333
2	2	8	953660	74	1495	0	378030	1333333
3	3	8	23266	61	1629	1562	1306693	1333333
4	3	8	56171	94	1076	1379	1274425	1333333
5	1	8	139619	67	0	0	1193647	1333333
6	3	8	540057	88	1045	1538	790429	1333333
7	3	8	987961	68	1761	1358	342049	1333333
8	3	8	1303235	58	1970	1024	26930	1333333
9	3	8	269671	80	1752	1741	1059929	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	3	10	454269	73	1745	1719	173626	631578
2	2	10	325399	57	1021	0	305044	631578
3	1	10	13481	90	0	0	618007	631578
4	1	10	259524	52	0	0	372002	631578
5	1	10	371896	95	0	0	259587	631578
6	2	10	531498	68	1926	0	98018	631578
7	1	10	596550	52	0	0	34976	631578
8	2	10	629257	71	1640	0	539	631578
9	1	10	363720	72	0	0	267786	631578
10	1	10	47139	98	0	0	584341	631578
11	2	10	197874	97	1940	0	431570	631578
12	2	10	281975	54	1357	0	348138	631578
13	2	10	501980	94	1353	0	128057	631578
14	3	10	360258	80	1082	1965	268033	631578
15	3	10	589465	69	1161	1495	39250	631578
16	2	10	91523	58	1722	0	538217	631578
17	1	10	624331	66	0	0	7181	631578
18	1	10	294499	83	0	0	336996	631578
19	1	10	620686	79	0	0	10813	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	3	13	517038	97	1994	1215	229462	750000
2	2	13	491792	89	1687	0	256343	750000
3	2	13	353078	59	1878	0	394926	750000
4	2	13	468646	51	1499	0	279753	750000
5	3	13	692378	66	1499	1763	54162	750000
6	2	13	144359	57	1851	0	603676	750000
7	3	13	64554	81	1754	1960	681489	750000
8	3	13	449749	58	1420	1301	297356	750000
9	3	13	413275	84	1389	1994	333090	750000
10	1	13	635165	81	0	0	114754	750000
11	3	13	385098	51	1593	1494	361662	750000
12	3	13	346881	58	1640	1836	399469	750000
13	3	13	369601	79	1123	1605	377434	750000
14	1	13	243129	66	0	0	506805	750000
15	3	13	697501	87	1691	1094	49453	750000
16	3	13	714891	79	1787	1911	31174	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	9	724559	62	1662	0	23655	750000
2	2	9	608557	92	1811	0	139448	750000
3	1	9	691774	79	0	0	58147	750000
4	2	9	603263	80	1052	0	145525	750000
5	2	9	40796	96	1835	0	707177	750000
6	1	9	663057	86	0	0	86857	750000
7	3	9	688600	70	1238	1662	58290	750000
8	3	9	258451	57	1662	1831	487885	750000
9	1	9	125540	90	0	0	624370	750000
10	2	9	373886	61	1523	0	374469	750000
11	1	9	641656	84	0	0	108260	750000
12	1	9	44026	69	0	0	705905	750000
13	2	9	711623	54	1243	0	37026	750000
14	3	9	350249	74	1573	1572	396384	750000
15	1	9	166982	66	0	0	582952	750000
16	1	9	96941	73	0	0	652986	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	12	969325	89	1715	0	228782	1200000
2	2	12	66377	77	1340	0	1132129	1200000
3	3	12	702584	76	1516	1315	494357	1200000
4	2	12	25639	89	1505	0	1172678	1200000
5	1	12	483171	58	0	0	716771	1200000
6	2	12	40978	59	1255	0	1157649	1200000
7	3	12	178747	63	1043	1341	1018680	1200000
8	3	12	798185	92	1764	1126	398649	1200000
9	1	12	698511	94	0	0	501395	1200000
10	3	12	1105190	89	1271	1186	92086	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	9	430018	71	1403	0	368437	800000
2	1	9	381461	57	0	0	418482	800000
3	1	9	660961	88	0	0	138951	800000
4	3	9	752777	50	1379	1122	44572	800000
5	1	9	363715	99	0	0	436186	800000
6	2	9	785749	100	1617	0	12434	800000
7	3	9	401227	95	1875	1362	395251	800000
8	2	9	102485	67	1724	0	695657	800000
9	1	9	84558	87	0	0	715355	800000
10	3	9	722819	51	1562	1361	74105	800000
11	3	9	226725	51	1111	1260	570751	800000
12	2	9	736982	98	1000	0	61822	800000
13	2	9	240287	58	1558	0	558039	800000
14	2	9	532188	58	1322	0	266374	800000
15	2	9	448631	73	1227	0	349996	800000

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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	9	93686	53	1979	1874	825378	923076
2	1	9	363554	61	0	0	559461	923076
3	3	9	404071	68	1207	1751	515843	923076
4	2	9	36579	73	1640	0	884711	923076
5	2	9	815967	62	1294	0	105691	923076
6	2	9	251183	88	1305	0	670412	923076

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7	2	9	84076	94	1666	0	837146	923076
8	2	9	887918	85	1537	0	33451	923076
9	1	9	861365	63	0	0	61648	923076
10	1	9	1097	51	0	0	921928	923076
11	2	9	30939	59	1219	0	890800	923076
12	1	9	632355	76	0	0	290645	923076
13	1	9	412787	94	0	0	510195	923076

Type 5 #25 5310 [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	705195	73	0	0	151874	857142
2	3	13	826836	68	1426	1937	26739	857142
3	2	13	653819	72	1864	0	201315	857142
4	3	13	385419	81	1052	1895	468533	857142
5	1	13	331567	62	0	0	525513	857142
6	2	13	59270	85	1516	0	796186	857142
7	1	13	411536	92	0	0	445514	857142
8	3	13	324749	77	1681	1368	529113	857142
9	2	13	275532	64	1352	0	580130	857142
10	3	13	499873	50	1081	1683	354355	857142
11	1	13	77927	60	0	0	779155	857142
12	1	13	373699	60	0	0	483383	857142
13	1	13	642548	83	0	0	214511	857142
14	1	13	691211	91	0	0	165840	857142

Type 5 #26 5310 [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	418224	61	1171	0	671392	1090909
2	2	17	908208	75	1642	0	180909	1090909
3	1	17	693374	74	0	0	397461	1090909
4	3	17	1016216	69	1524	1318	71644	1090909
5	1	17	579759	86	0	0	511064	1090909
6	1	17	82704	52	0	0	1008153	1090909
7	2	17	374248	66	1453	0	715076	1090909
8	1	17	1003857	85	0	0	86967	1090909
9	2	17	687547	92	1389	0	401789	1090909
10	1	17	659729	53	0	0	431127	1090909
11	3	17	992326	95	1812	1996	94490	1090909

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Type 5 #27 5310 [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	8664	66	1780	0	846566	857142
2	1	15	121621	69	0	0	735452	857142
3	3	15	416539	98	1587	1469	437253	857142
4	1	15	581498	50	0	0	275594	857142
5	2	15	774361	91	1660	0	80939	857142
6	1	15	464208	82	0	0	392852	857142
7	3	15	237881	51	1562	1894	615652	857142
8	1	15	429523	75	0	0	427544	857142
9	2	15	396157	88	1698	0	459111	857142
10	3	15	363766	98	1224	1526	490332	857142
11	1	15	99278	65	0	0	757799	857142
12	3	15	141586	91	1726	1008	712549	857142
13	2	15	91512	58	1839	0	763675	857142
14	1	15	164322	52	0	0	692768	857142

Type 5 #28 5295 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	8	1092232	99	1039	0	239864	1333333
2	1	8	274005	83	0	0	1059245	1333333
3	3	8	978005	98	1459	1476	352099	1333333
4	2	8	617331	62	1589	0	714289	1333333
5	2	8	446369	87	1888	0	884902	1333333
6	2	8	784678	72	1317	0	547194	1333333
7	1	8	705258	100	0	0	627975	1333333
8	2	8	472992	96	1125	0	859024	1333333
9	3	8	1019520	81	1378	1009	311183	1333333

Type 5 #29 5310 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	10	534919	81	0	0	322142	857142
2	1	10	228020	77	0	0	629045	857142
3	3	10	816352	67	1927	1617	37045	857142
4	3	10	838673	98	1851	1821	14503	857142
5	1	10	839780	56	0	0	17306	857142
6	3	10	813094	81	1742	1603	40460	857142
7	1	10	751001	82	0	0	106059	857142
8	3	10	508254	55	1686	1020	346017	857142

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9	2	10	387043	54	1048	0	468943	857142
10	2	10	265802	85	1811	0	589359	857142
11	2	10	78721	58	1959	0	776346	857142
12	3	10	675300	89	1865	1891	177819	857142
13	1	10	12681	99	0	0	844362	857142
14	1	10	16715	78	0	0	840349	857142

Type 5 #30 5297 [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	12	421769	54	0	0	378177	800000
2	2	12	787453	96	1932	0	10423	800000
3	1	12	421304	58	0	0	378638	800000
4	3	12	302332	50	1340	1822	494356	800000
5	3	12	128023	66	1119	1325	669335	800000
6	3	12	645125	100	1791	1387	151397	800000
7	1	12	758674	67	0	0	41259	800000
8	3	12	685773	58	1338	1552	111163	800000
9	2	12	492194	100	1411	0	306195	800000
10	1	12	222660	96	0	0	577244	800000
11	2	12	140057	85	1601	0	658172	800000
12	1	12	293173	88	0	0	506739	800000
13	2	12	748877	96	1140	0	49791	800000
14	2	12	668822	100	1332	0	129646	800000
15	1	12	463268	58	0	0	336674	800000

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Type 6 #1 [Back to Summary]									
#01-5683	#02-5439	#03-5508	#04-5637	#05-5287	#06-5620	#07-5302	#08-5538	#09-5301	#10-5527
#11-5501	#12-5665	#13-5688	#14-5284	#15-5642	#16-5712	#17-5275	#18-5551	#19-5589	#20-5421
#21-5272	#22-5680	#23-5658	#24-5383	#25-5507	#26-5291	#27-5645	#28-5307	#29-5704	#30-5312
#31-5612	#32-5660	#33-5453	#34-5672	#35-5649	#36-5700	#37-5632	#38-5566	#39-5639	#40-5416
#41-5298	#42-5403	#43-5434	#44-5437	#45-5623	#46-5531	#47-5684	#48-5296	#49-5407	#50-5487
#51-5493	#52-5341	#53-5357	#54-5426	#55-5289	#56-5252	#57-5502	#58-5374	#59-5378	#60-5723
#61-5697	#62-5722	#63-5556	#64-5717	#65-5626	#66-5560	#67-5457	#68-5263	#69-5356	#70-5662
#71-5325	#72-5427	#73-5621	#74-5418	#75-5375	#76-5585	#77-5489	#78-5469	#79-5476	#80-5695
#81-5331	#82-5594	#83-5608	#84-5459	#85-5530	#86-5521	#87-5549	#88-5274	#89-5627	#90-5646
#91-5442	#92-5511	#93-5441	#94-5641	#95-5443	#96-5300	#97-5567	#98-5438	#99-5524	#100-5317

Type 6 #2 [Back to Summary]									
#01-5327	#02-5670	#03-5663	#04-5468	#05-5420	#06-5319	#07-5434	#08-5660	#09-5301	#10-5423
#11-5485	#12-5282	#13-5620	#14-5404	#15-5643	#16-5348	#17-5357	#18-5349	#19-5438	#20-5362
#21-5260	#22-5437	#23-5359	#24-5436	#25-5477	#26-5537	#27-5708	#28-5710	#29-5698	#30-5326
#31-5271	#32-5299	#33-5667	#34-5416	#35-5619	#36-5387	#37-5659	#38-5401	#39-5290	#40-5471
#41-5343	#42-5616	#43-5699	#44-5466	#45-5421	#46-5414	#47-5617	#48-5289	#49-5253	#50-5353
#51-5669	#52-5482	#53-5259	#54-5427	#55-5306	#56-5621	#57-5566	#58-5493	#59-5722	#60-5610
#61-5339	#62-5457	#63-5687	#64-5701	#65-5403	#66-5443	#67-5342	#68-5465	#69-5517	#70-5518
#71-5412	#72-5680	#73-5308	#74-5693	#75-5267	#76-5373	#77-5470	#78-5622	#79-5265	#80-5311
#81-5636	#82-5664	#83-5706	#84-5595	#85-5386	#86-5531	#87-5291	#88-5507	#89-5367	#90-5250
#91-5552	#92-5440	#93-5407	#94-5408	#95-5381	#96-5614	#97-5652	#98-5723	#99-5312	#100-5707

Type 6 #3 [Back to Summary]									
#01-5320	#02-5413	#03-5508	#04-5469	#05-5665	#06-5712	#07-5415	#08-5289	#09-5400	#10-5659
#11-5411	#12-5667	#13-5470	#14-5662	#15-5700	#16-5393	#17-5467	#18-5336	#19-5567	#20-5600
#21-5390	#22-5568	#23-5344	#24-5509	#25-5687	#26-5705	#27-5529	#28-5627	#29-5565	#30-5370
#31-5436	#32-5458	#33-5560	#34-5279	#35-5713	#36-5475	#37-5406	#38-5487	#39-5656	#40-5391
#41-5354	#42-5250	#43-5343	#44-5426	#45-5563	#46-5604	#47-5684	#48-5461	#49-5425	#50-5704
#51-5395	#52-5570	#53-5402	#54-5432	#55-5562	#56-5480	#57-5311	#58-5724	#59-5506	#60-5680
#61-5431	#62-5513	#63-5445	#64-5274	#65-5476	#66-5673	#67-5349	#68-5437	#69-5672	#70-5478
#71-5710	#72-5703	#73-5394	#74-5417	#75-5496	#76-5382	#77-5472	#78-5640	#79-5663	#80-5326
#81-5267	#82-5310	#83-5453	#84-5588	#85-5696	#86-5593	#87-5299	#88-5372	#89-5442	#90-5491
#91-5403	#92-5405	#93-5702	#94-5695	#95-5683	#96-5574	#97-5532	#98-5313	#99-5669	#100-5610

Type 6 #4 [Back to Summary]									
#01-5498	#02-5497	#03-5513	#04-5676	#05-5719	#06-5416	#07-5413	#08-5709	#09-5661	#10-5420
#11-5256	#12-5393	#13-5304	#14-5423	#15-5662	#16-5363	#17-5307	#18-5583	#19-5301	#20-5604
#21-5620	#22-5699	#23-5720	#24-5441	#25-5317	#26-5549	#27-5250	#28-5428	#29-5458	#30-5643
#31-5587	#32-5399	#33-5692	#34-5306	#35-5559	#36-5495	#37-5529	#38-5502	#39-5593	#40-5531
#41-5427	#42-5320	#43-5442	#44-5270	#45-5478	#46-5263	#47-5355	#48-5536	#49-5287	#50-5575
#51-5517	#52-5671	#53-5268	#54-5325	#55-5715	#56-5524	#57-5504	#58-5326	#59-5611	#60-5417
#61-5415	#62-5712	#63-5505	#64-5269	#65-5561	#66-5581	#67-5429	#68-5723	#69-5588	#70-5411
#71-5563	#72-5532	#73-5711	#74-5490	#75-5425	#76-5553	#77-5508	#78-5695	#79-5682	#80-5302
#81-5445	#82-5440	#83-5383	#84-5609	#85-5375	#86-5640	#87-5378	#88-5623	#89-5315	#90-5286

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#91-5716	#92-5459	#93-5618	#94-5421	#95-5360	#96-5439	#97-5542	#98-5419	#99-5438	#100-5627

Type 6 #5 [Back to Summary]									
#01-5561	#02-5357	#03-5672	#04-5595	#05-5262	#06-5710	#07-5681	#08-5495	#09-5619	#10-5413
#11-5265	#12-5526	#13-5360	#14-5554	#15-5698	#16-5700	#17-5572	#18-5620	#19-5609	#20-5639
#21-5443	#22-5524	#23-5655	#24-5542	#25-5419	#26-5349	#27-5635	#28-5534	#29-5379	#30-5713
#31-5260	#32-5332	#33-5506	#34-5311	#35-5463	#36-5336	#37-5489	#38-5514	#39-5591	#40-5393
#41-5684	#42-5608	#43-5251	#44-5624	#45-5274	#46-5437	#47-5346	#48-5310	#49-5449	#50-5388
#51-5586	#52-5644	#53-5533	#54-5517	#55-5425	#56-5282	#57-5423	#58-5373	#59-5421	#60-5636
#61-5320	#62-5392	#63-5365	#64-5633	#65-5403	#66-5657	#67-5267	#68-5297	#69-5339	#70-5610
#71-5458	#72-5305	#73-5279	#74-5470	#75-5682	#76-5559	#77-5528	#78-5284	#79-5523	#80-5708
#81-5255	#82-5577	#83-5341	#84-5719	#85-5376	#86-5344	#87-5521	#88-5715	#89-5607	#90-5439
#91-5640	#92-5372	#93-5348	#94-5685	#95-5323	#96-5544	#97-5494	#98-5345	#99-5474	#100-5343

Type 6 #6 [Back to Summary]									
#01-5424	#02-5299	#03-5697	#04-5565	#05-5656	#06-5531	#07-5615	#08-5319	#09-5566	#10-5592
#11-5476	#12-5392	#13-5574	#14-5437	#15-5630	#16-5468	#17-5303	#18-5370	#19-5509	#20-5310
#21-5381	#22-5275	#23-5413	#24-5629	#25-5699	#26-5336	#27-5684	#28-5318	#29-5395	#30-5388
#31-5313	#32-5438	#33-5535	#34-5434	#35-5536	#36-5680	#37-5605	#38-5498	#39-5309	#40-5567
#41-5452	#42-5455	#43-5399	#44-5265	#45-5683	#46-5495	#47-5522	#48-5635	#49-5302	#50-5581
#51-5489	#52-5372	#53-5560	#54-5411	#55-5688	#56-5397	#57-5614	#58-5321	#59-5594	#60-5573
#61-5576	#62-5547	#63-5653	#64-5427	#65-5527	#66-5289	#67-5588	#68-5389	#69-5634	#70-5675
#71-5593	#72-5526	#73-5307	#74-5671	#75-5586	#76-5655	#77-5604	#78-5391	#79-5670	#80-5451
#81-5537	#82-5296	#83-5260	#84-5538	#85-5626	#86-5666	#87-5601	#88-5366	#89-5466	#90-5379
#91-5317	#92-5529	#93-5636	#94-5461	#95-5718	#96-5628	#97-5518	#98-5700	#99-5458	#100-5642

Type 6 #7 [Back to Summary]									
#01-5634	#02-5378	#03-5252	#04-5356	#05-5712	#06-5682	#07-5313	#08-5612	#09-5549	#10-5283
#11-5519	#12-5466	#13-5375	#14-5389	#15-5281	#16-5522	#17-5536	#18-5362	#19-5530	#20-5591
#21-5419	#22-5462	#23-5648	#24-5494	#25-5606	#26-5305	#27-5625	#28-5572	#29-5678	#30-5684
#31-5376	#32-5632	#33-5658	#34-5279	#35-5543	#36-5411	#37-5300	#38-5631	#39-5552	#40-5667
#41-5598	#42-5711	#43-5542	#44-5436	#45-5587	#46-5573	#47-5407	#48-5489	#49-5430	#50-5443
#51-5339	#52-5414	#53-5415	#54-5597	#55-5470	#56-5421	#57-5455	#58-5481	#59-5475	#60-5659
#61-5306	#62-5465	#63-5663	#64-5592	#65-5630	#66-5613	#67-5529	#68-5338	#69-5564	#70-5593
#71-5467	#72-5628	#73-5527	#74-5582	#75-5715	#76-5424	#77-5643	#78-5450	#79-5627	#80-5274
#81-5618	#82-5370	#83-5381	#84-5478	#85-5585	#86-5689	#87-5457	#88-5304	#89-5526	#90-5363
#91-5681	#92-5537	#93-5397	#94-5619	#95-5605	#96-5372	#97-5294	#98-5680	#99-5521	#100-5704

Type 6 #8 [Back to Summary]									
#01-5293	#02-5317	#03-5652	#04-5563	#05-5700	#06-5439	#07-5606	#08-5553	#09-5609	#10-5288
#11-5505	#12-5723	#13-5577	#14-5445	#15-5286	#16-5653	#17-5330	#18-5428	#19-5252	#20-5670
#21-5397	#22-5474	#23-5533	#24-5444	#25-5640	#26-5651	#27-5470	#28-5636	#29-5703	#30-5576
#31-5379	#32-5686	#33-5648	#34-5647	#35-5710	#36-5547	#37-5449	#38-5543	#39-5500	#40-5395
#41-5326	#42-5629	#43-5419	#44-5490	#45-5587	#46-5679	#47-5688	#48-5682	#49-5574	#50-5677
#51-5302	#52-5589	#53-5671	#54-5578	#55-5542	#56-5531	#57-5496	#58-5448	#59-5639	#60-5295
#61-5693	#62-5692	#63-5566	#64-5276	#65-5623	#66-5529	#67-5320	#68-5644	#69-5452	#70-5447

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#71-5436	#72-5492	#73-5641	#74-5567	#75-5584	#76-5476	#77-5297	#78-5285	#79-5568	#80-5684
#81-5689	#82-5498	#83-5305	#84-5269	#85-5513	#86-5499	#87-5260	#88-5314	#89-5346	#90-5406
#91-5298	#92-5720	#93-5618	#94-5446	#95-5418	#96-5356	#97-5309	#98-5387	#99-5581	#100-5296

Type 6 #9 [Back to Summary]									
#01-5607	#02-5285	#03-5472	#04-5373	#05-5481	#06-5526	#07-5671	#08-5347	#09-5718	#10-5316
#11-5495	#12-5465	#13-5604	#14-5686	#15-5332	#16-5431	#17-5637	#18-5554	#19-5478	#20-5370
#21-5533	#22-5257	#23-5557	#24-5295	#25-5411	#26-5453	#27-5601	#28-5439	#29-5395	#30-5486
#31-5428	#32-5631	#33-5426	#34-5534	#35-5326	#36-5655	#37-5287	#38-5660	#39-5518	#40-5724
#41-5567	#42-5640	#43-5319	#44-5278	#45-5648	#46-5556	#47-5365	#48-5667	#49-5375	#50-5723
#51-5446	#52-5479	#53-5641	#54-5463	#55-5491	#56-5598	#57-5452	#58-5422	#59-5687	#60-5274
#61-5650	#62-5480	#63-5678	#64-5487	#65-5611	#66-5587	#67-5286	#68-5321	#69-5608	#70-5400
#71-5389	#72-5704	#73-5284	#74-5477	#75-5531	#76-5618	#77-5663	#78-5523	#79-5367	#80-5579
#81-5335	#82-5661	#83-5312	#84-5392	#85-5283	#86-5677	#87-5712	#88-5689	#89-5291	#90-5449
#91-5443	#92-5582	#93-5697	#94-5492	#95-5324	#96-5336	#97-5685	#98-5559	#99-5388	#100-5305

Type 6 #10 [Back to Summary]									
#01-5518	#02-5293	#03-5308	#04-5695	#05-5581	#06-5467	#07-5441	#08-5410	#09-5659	#10-5597
#11-5662	#12-5653	#13-5304	#14-5354	#15-5664	#16-5714	#17-5414	#18-5529	#19-5448	#20-5658
#21-5599	#22-5324	#23-5280	#24-5403	#25-5681	#26-5531	#27-5255	#28-5519	#29-5402	#30-5446
#31-5652	#32-5350	#33-5380	#34-5316	#35-5313	#36-5294	#37-5602	#38-5346	#39-5542	#40-5545
#41-5485	#42-5554	#43-5277	#44-5421	#45-5515	#46-5517	#47-5534	#48-5594	#49-5555	#50-5336
#51-5644	#52-5405	#53-5363	#54-5459	#55-5432	#56-5445	#57-5260	#58-5629	#59-5264	#60-5299
#61-5465	#62-5646	#63-5256	#64-5468	#65-5670	#66-5565	#67-5525	#68-5715	#69-5291	#70-5620
#71-5365	#72-5323	#73-5717	#74-5630	#75-5428	#76-5301	#77-5297	#78-5589	#79-5615	#80-5415
#81-5250	#82-5390	#83-5696	#84-5326	#85-5527	#86-5502	#87-5713	#88-5648	#89-5609	#90-5593
#91-5284	#92-5700	#93-5335	#94-5492	#95-5339	#96-5564	#97-5548	#98-5541	#99-5479	#100-5682

Type 6 #11 [Back to Summary]									
#01-5719	#02-5542	#03-5551	#04-5657	#05-5697	#06-5574	#07-5412	#08-5455	#09-5280	#10-5380
#11-5396	#12-5395	#13-5263	#14-5577	#15-5298	#16-5324	#17-5676	#18-5660	#19-5661	#20-5415
#21-5570	#22-5599	#23-5353	#24-5423	#25-5586	#26-5385	#27-5714	#28-5474	#29-5544	#30-5588
#31-5476	#32-5478	#33-5357	#34-5656	#35-5418	#36-5433	#37-5559	#38-5285	#39-5343	#40-5675
#41-5334	#42-5506	#43-5618	#44-5477	#45-5446	#46-5611	#47-5687	#48-5479	#49-5442	#50-5257
#51-5612	#52-5609	#53-5603	#54-5312	#55-5355	#56-5368	#57-5438	#58-5377	#59-5318	#60-5560
#61-5585	#62-5667	#63-5635	#64-5416	#65-5630	#66-5644	#67-5286	#68-5326	#69-5406	#70-5589
#71-5489	#72-5641	#73-5561	#74-5712	#75-5323	#76-5310	#77-5706	#78-5600	#79-5699	#80-5700
#81-5424	#82-5485	#83-5277	#84-5532	#85-5701	#86-5584	#87-5595	#88-5293	#89-5541	#90-5296
#91-5720	#92-5429	#93-5686	#94-5504	#95-5337	#96-5391	#97-5593	#98-5449	#99-5564	#100-5520

Type 6 #12 [Back to Summary]									
#01-5573	#02-5608	#03-5319	#04-5578	#05-5495	#06-5696	#07-5294	#08-5617	#09-5711	#10-5292
#11-5388	#12-5559	#13-5405	#14-5346	#15-5386	#16-5350	#17-5636	#18-5345	#19-5442	#20-5286
#21-5295	#22-5716	#23-5503	#24-5363	#25-5596	#26-5307	#27-5675	#28-5305	#29-5624	#30-5657
#31-5445	#32-5507	#33-5278	#34-5425	#35-5379	#36-5542	#37-5419	#38-5431	#39-5290	#40-5255
#41-5548	#42-5707	#43-5313	#44-5511	#45-5637	#46-5411	#47-5274	#48-5594	#49-5376	#50-5714

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#51-5487	#52-5504	#53-5259	#54-5536	#55-5484	#56-5584	#57-5358	#58-5684	#59-5705	#60-5444
#61-5269	#62-5715	#63-5719	#64-5308	#65-5576	#66-5607	#67-5530	#68-5703	#69-5690	#70-5567
#71-5655	#72-5458	#73-5306	#74-5436	#75-5467	#76-5316	#77-5653	#78-5720	#79-5452	#80-5438
#81-5280	#82-5336	#83-5652	#84-5630	#85-5422	#86-5663	#87-5497	#88-5472	#89-5661	#90-5519
#91-5435	#92-5459	#93-5447	#94-5574	#95-5704	#96-5554	#97-5710	#98-5254	#99-5650	#100-5276

Type 6 #13 [Back to Summary]									
#01-5602	#02-5292	#03-5623	#04-5527	#05-5306	#06-5277	#07-5447	#08-5549	#09-5319	#10-5422
#11-5652	#12-5362	#13-5484	#14-5519	#15-5410	#16-5665	#17-5309	#18-5337	#19-5608	#20-5636
#21-5361	#22-5310	#23-5294	#24-5430	#25-5385	#26-5456	#27-5262	#28-5457	#29-5454	#30-5638
#31-5325	#32-5654	#33-5315	#34-5427	#35-5564	#36-5714	#37-5438	#38-5381	#39-5580	#40-5397
#41-5475	#42-5676	#43-5406	#44-5498	#45-5595	#46-5328	#47-5699	#48-5653	#49-5418	#50-5295
#51-5504	#52-5630	#53-5375	#54-5270	#55-5644	#56-5545	#57-5723	#58-5450	#59-5398	#60-5581
#61-5263	#62-5719	#63-5350	#64-5412	#65-5351	#66-5724	#67-5298	#68-5313	#69-5683	#70-5428
#71-5486	#72-5657	#73-5490	#74-5469	#75-5419	#76-5415	#77-5629	#78-5533	#79-5561	#80-5305
#81-5487	#82-5339	#83-5283	#84-5405	#85-5389	#86-5426	#87-5535	#88-5287	#89-5515	#90-5266
#91-5713	#92-5710	#93-5704	#94-5721	#95-5380	#96-5482	#97-5577	#98-5717	#99-5394	#100-5594

Type 6 #14 [Back to Summary]									
#01-5277	#02-5637	#03-5693	#04-5720	#05-5541	#06-5566	#07-5395	#08-5635	#09-5579	#10-5477
#11-5634	#12-5442	#13-5610	#14-5337	#15-5349	#16-5653	#17-5683	#18-5669	#19-5271	#20-5654
#21-5446	#22-5257	#23-5526	#24-5663	#25-5428	#26-5487	#27-5673	#28-5480	#29-5330	#30-5665
#31-5558	#32-5629	#33-5381	#34-5690	#35-5280	#36-5561	#37-5366	#38-5291	#39-5581	#40-5537
#41-5272	#42-5609	#43-5430	#44-5276	#45-5356	#46-5515	#47-5350	#48-5614	#49-5619	#50-5449
#51-5510	#52-5624	#53-5700	#54-5458	#55-5392	#56-5267	#57-5357	#58-5282	#59-5534	#60-5305
#61-5615	#62-5636	#63-5549	#64-5640	#65-5641	#66-5251	#67-5313	#68-5647	#69-5312	#70-5503
#71-5528	#72-5644	#73-5336	#74-5451	#75-5627	#76-5552	#77-5543	#78-5497	#79-5553	#80-5632
#81-5388	#82-5307	#83-5580	#84-5598	#85-5400	#86-5662	#87-5666	#88-5648	#89-5535	#90-5260
#91-5454	#92-5340	#93-5469	#94-5522	#95-5651	#96-5361	#97-5311	#98-5509	#99-5360	#100-5355

Type 6 #15 [Back to Summary]									
#01-5459	#02-5427	#03-5558	#04-5363	#05-5642	#06-5596	#07-5542	#08-5494	#09-5553	#10-5562
#11-5442	#12-5578	#13-5443	#14-5628	#15-5639	#16-5563	#17-5299	#18-5674	#19-5485	#20-5707
#21-5312	#22-5385	#23-5348	#24-5297	#25-5296	#26-5444	#27-5415	#28-5526	#29-5529	#30-5520
#31-5497	#32-5278	#33-5393	#34-5452	#35-5424	#36-5688	#37-5473	#38-5471	#39-5690	#40-5532
#41-5362	#42-5412	#43-5340	#44-5711	#45-5543	#46-5610	#47-5621	#48-5577	#49-5622	#50-5331
#51-5307	#52-5359	#53-5277	#54-5376	#55-5288	#56-5320	#57-5326	#58-5509	#59-5315	#60-5450
#61-5430	#62-5264	#63-5692	#64-5280	#65-5314	#66-5416	#67-5435	#68-5718	#69-5456	#70-5677
#71-5343	#72-5561	#73-5709	#74-5682	#75-5594	#76-5625	#77-5292	#78-5369	#79-5488	#80-5417
#81-5554	#82-5573	#83-5636	#84-5447	#85-5467	#86-5384	#87-5724	#88-5266	#89-5409	#90-5356
#91-5613	#92-5689	#93-5404	#94-5496	#95-5351	#96-5349	#97-5460	#98-5310	#99-5651	#100-5379

Type 6 #16 [Back to Summary]									
#01-5426	#02-5627	#03-5374	#04-5668	#05-5719	#06-5479	#07-5378	#08-5322	#09-5512	#10-5394
#11-5275	#12-5685	#13-5273	#14-5623	#15-5621	#16-5584	#17-5358	#18-5496	#19-5542	#20-5652
#21-5414	#22-5412	#23-5555	#24-5341	#25-5315	#26-5376	#27-5400	#28-5469	#29-5581	#30-5491

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#31-5422	#32-5708	#33-5446	#34-5354	#35-5715	#36-5647	#37-5444	#38-5688	#39-5451	#40-5707
#41-5255	#42-5649	#43-5483	#44-5267	#45-5329	#46-5646	#47-5664	#48-5508	#49-5590	#50-5490
#51-5714	#52-5678	#53-5494	#54-5718	#55-5683	#56-5262	#57-5318	#58-5283	#59-5598	#60-5589
#61-5330	#62-5631	#63-5465	#64-5271	#65-5696	#66-5294	#67-5489	#68-5636	#69-5626	#70-5698
#71-5391	#72-5393	#73-5297	#74-5554	#75-5640	#76-5485	#77-5653	#78-5534	#79-5260	#80-5389
#81-5433	#82-5609	#83-5594	#84-5339	#85-5500	#86-5460	#87-5461	#88-5447	#89-5392	#90-5700
#91-5570	#92-5408	#93-5334	#94-5575	#95-5620	#96-5344	#97-5431	#98-5458	#99-5292	#100-5288

Type 6 #17 [Back to Summary]									
#01-5408	#02-5274	#03-5598	#04-5617	#05-5347	#06-5570	#07-5635	#08-5660	#09-5322	#10-5449
#11-5332	#12-5508	#13-5269	#14-5461	#15-5410	#16-5438	#17-5285	#18-5379	#19-5499	#20-5487
#21-5556	#22-5291	#23-5500	#24-5659	#25-5375	#26-5708	#27-5309	#28-5442	#29-5656	#30-5552
#31-5305	#32-5448	#33-5496	#34-5699	#35-5709	#36-5411	#37-5268	#38-5710	#39-5718	#40-5652
#41-5554	#42-5530	#43-5377	#44-5671	#45-5618	#46-5318	#47-5391	#48-5600	#49-5422	#50-5441
#51-5311	#52-5304	#53-5687	#54-5534	#55-5462	#56-5367	#57-5506	#58-5665	#59-5492	#60-5363
#61-5515	#62-5445	#63-5253	#64-5501	#65-5394	#66-5611	#67-5262	#68-5296	#69-5479	#70-5724
#71-5418	#72-5301	#73-5386	#74-5572	#75-5654	#76-5275	#77-5638	#78-5553	#79-5287	#80-5310
#81-5569	#82-5433	#83-5267	#84-5470	#85-5494	#86-5723	#87-5485	#88-5685	#89-5493	#90-5592
#91-5631	#92-5334	#93-5468	#94-5604	#95-5393	#96-5360	#97-5531	#98-5607	#99-5533	#100-5258

Type 6 #18 [Back to Summary]									
#01-5304	#02-5345	#03-5376	#04-5424	#05-5272	#06-5260	#07-5646	#08-5373	#09-5604	#10-5437
#11-5458	#12-5678	#13-5629	#14-5439	#15-5525	#16-5330	#17-5427	#18-5517	#19-5257	#20-5396
#21-5381	#22-5303	#23-5536	#24-5614	#25-5343	#26-5339	#27-5562	#28-5511	#29-5429	#30-5550
#31-5479	#32-5284	#33-5274	#34-5279	#35-5251	#36-5477	#37-5311	#38-5578	#39-5449	#40-5487
#41-5333	#42-5366	#43-5337	#44-5309	#45-5393	#46-5683	#47-5434	#48-5283	#49-5334	#50-5318
#51-5664	#52-5262	#53-5605	#54-5392	#55-5612	#56-5252	#57-5548	#58-5499	#59-5338	#60-5665
#61-5440	#62-5399	#63-5676	#64-5314	#65-5689	#66-5433	#67-5658	#68-5607	#69-5448	#70-5307
#71-5276	#72-5587	#73-5329	#74-5515	#75-5323	#76-5270	#77-5699	#78-5490	#79-5491	#80-5402
#81-5643	#82-5540	#83-5444	#84-5372	#85-5620	#86-5478	#87-5420	#88-5624	#89-5409	#90-5250
#91-5663	#92-5556	#93-5505	#94-5521	#95-5308	#96-5672	#97-5425	#98-5280	#99-5358	#100-5694

Type 6 #19 [Back to Summary]									
#01-5274	#02-5549	#03-5571	#04-5276	#05-5291	#06-5332	#07-5663	#08-5346	#09-5318	#10-5588
#11-5282	#12-5315	#13-5261	#14-5667	#15-5272	#16-5624	#17-5684	#18-5559	#19-5425	#20-5471
#21-5260	#22-5294	#23-5457	#24-5438	#25-5376	#26-5459	#27-5344	#28-5543	#29-5455	#30-5381
#31-5582	#32-5672	#33-5385	#34-5517	#35-5368	#36-5343	#37-5685	#38-5410	#39-5326	#40-5534
#41-5530	#42-5321	#43-5554	#44-5539	#45-5696	#46-5599	#47-5533	#48-5555	#49-5488	#50-5408
#51-5710	#52-5585	#53-5583	#54-5607	#55-5678	#56-5711	#57-5350	#58-5391	#59-5632	#60-5562
#61-5717	#62-5373	#63-5619	#64-5665	#65-5257	#66-5338	#67-5656	#68-5474	#69-5550	#70-5655
#71-5666	#72-5522	#73-5485	#74-5615	#75-5668	#76-5669	#77-5463	#78-5640	#79-5462	#80-5496
#81-5644	#82-5506	#83-5305	#84-5297	#85-5393	#86-5724	#87-5342	#88-5499	#89-5560	#90-5380
#91-5718	#92-5540	#93-5493	#94-5481	#95-5532	#96-5404	#97-5422	#98-5605	#99-5520	#100-5606

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Type 6 #20 [Back to Summary]									
#01-5661	#02-5308	#03-5723	#04-5551	#05-5461	#06-5429	#07-5342	#08-5687	#09-5657	#10-5258
#11-5493	#12-5426	#13-5643	#14-5378	#15-5635	#16-5453	#17-5314	#18-5570	#19-5525	#20-5260
#21-5719	#22-5404	#23-5633	#24-5421	#25-5664	#26-5370	#27-5279	#28-5250	#29-5328	#30-5512
#31-5495	#32-5584	#33-5366	#34-5583	#35-5564	#36-5589	#37-5514	#38-5477	#39-5558	#40-5686
#41-5629	#42-5377	#43-5567	#44-5549	#45-5610	#46-5536	#47-5623	#48-5365	#49-5573	#50-5332
#51-5339	#52-5578	#53-5329	#54-5513	#55-5612	#56-5500	#57-5396	#58-5546	#59-5614	#60-5338
#61-5399	#62-5341	#63-5611	#64-5397	#65-5485	#66-5638	#67-5307	#68-5306	#69-5537	#70-5296
#71-5669	#72-5559	#73-5262	#74-5562	#75-5354	#76-5594	#77-5560	#78-5333	#79-5531	#80-5375
#81-5468	#82-5641	#83-5403	#84-5716	#85-5420	#86-5646	#87-5498	#88-5575	#89-5699	#90-5304
#91-5439	#92-5692	#93-5593	#94-5464	#95-5529	#96-5532	#97-5484	#98-5416	#99-5309	#100-5704

Type 6 #21 [Back to Summary]									
#01-5478	#02-5563	#03-5554	#04-5523	#05-5393	#06-5504	#07-5569	#08-5490	#09-5411	#10-5270
#11-5669	#12-5313	#13-5263	#14-5487	#15-5596	#16-5491	#17-5667	#18-5620	#19-5703	#20-5575
#21-5377	#22-5459	#23-5337	#24-5477	#25-5586	#26-5700	#27-5694	#28-5516	#29-5278	#30-5539
#31-5346	#32-5388	#33-5271	#34-5559	#35-5623	#36-5635	#37-5328	#38-5603	#39-5572	#40-5642
#41-5322	#42-5260	#43-5408	#44-5677	#45-5365	#46-5375	#47-5676	#48-5352	#49-5600	#50-5294
#51-5597	#52-5599	#53-5441	#54-5460	#55-5570	#56-5265	#57-5470	#58-5324	#59-5665	#60-5419
#61-5532	#62-5300	#63-5461	#64-5602	#65-5650	#66-5525	#67-5292	#68-5428	#69-5592	#70-5688
#71-5409	#72-5315	#73-5297	#74-5312	#75-5501	#76-5370	#77-5304	#78-5390	#79-5366	#80-5456
#81-5275	#82-5594	#83-5646	#84-5711	#85-5670	#86-5473	#87-5675	#88-5531	#89-5714	#90-5609
#91-5407	#92-5254	#93-5660	#94-5402	#95-5356	#96-5274	#97-5521	#98-5536	#99-5281	#100-5562

Type 6 #22 [Back to Summary]									
#01-5333	#02-5496	#03-5485	#04-5639	#05-5608	#06-5532	#07-5552	#08-5380	#09-5687	#10-5451
#11-5686	#12-5335	#13-5683	#14-5456	#15-5393	#16-5666	#17-5381	#18-5478	#19-5654	#20-5422
#21-5578	#22-5483	#23-5439	#24-5712	#25-5525	#26-5402	#27-5373	#28-5618	#29-5679	#30-5475
#31-5569	#32-5491	#33-5353	#34-5524	#35-5367	#36-5504	#37-5350	#38-5252	#39-5345	#40-5383
#41-5646	#42-5543	#43-5572	#44-5510	#45-5643	#46-5316	#47-5292	#48-5450	#49-5257	#50-5412
#51-5616	#52-5290	#53-5605	#54-5581	#55-5710	#56-5574	#57-5301	#58-5499	#59-5359	#60-5449
#61-5403	#62-5659	#63-5424	#64-5459	#65-5607	#66-5442	#67-5703	#68-5406	#69-5328	#70-5617
#71-5561	#72-5375	#73-5374	#74-5522	#75-5505	#76-5283	#77-5641	#78-5660	#79-5312	#80-5454
#81-5354	#82-5651	#83-5612	#84-5518	#85-5588	#86-5530	#87-5613	#88-5503	#89-5542	#90-5526
#91-5443	#92-5584	#93-5620	#94-5626	#95-5707	#96-5716	#97-5358	#98-5351	#99-5629	#100-5440

Type 6 #23 [Back to Summary]									
#01-5344	#02-5612	#03-5369	#04-5367	#05-5577	#06-5486	#07-5640	#08-5332	#09-5325	#10-5673
#11-5659	#12-5374	#13-5432	#14-5632	#15-5342	#16-5479	#17-5294	#18-5631	#19-5595	#20-5327
#21-5556	#22-5448	#23-5591	#24-5534	#25-5417	#26-5704	#27-5490	#28-5480	#29-5540	#30-5513
#31-5647	#32-5526	#33-5277	#34-5594	#35-5358	#36-5469	#37-5531	#38-5494	#39-5667	#40-5349
#41-5614	#42-5527	#43-5426	#44-5593	#45-5589	#46-5322	#47-5399	#48-5708	#49-5528	#50-5472
#51-5671	#52-5455	#53-5487	#54-5549	#55-5618	#56-5624	#57-5267	#58-5558	#59-5679	#60-5599
#61-5722	#62-5402	#63-5512	#64-5535	#65-5274	#66-5377	#67-5337	#68-5561	#69-5518	#70-5598
#71-5676	#72-5519	#73-5694	#74-5488	#75-5431	#76-5276	#77-5265	#78-5723	#79-5669	#80-5334

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#81-5550	#82-5500	#83-5678	#84-5308	#85-5569	#86-5427	#87-5286	#88-5447	#89-5703	#90-5452
#91-5442	#92-5698	#93-5542	#94-5311	#95-5351	#96-5446	#97-5257	#98-5617	#99-5566	#100-5453

Type 6 #24 [Back to Summary]									
#01-5710	#02-5564	#03-5432	#04-5657	#05-5528	#06-5390	#07-5491	#08-5718	#09-5356	#10-5586
#11-5604	#12-5270	#13-5614	#14-5584	#15-5296	#16-5462	#17-5454	#18-5452	#19-5690	#20-5563
#21-5340	#22-5611	#23-5581	#24-5311	#25-5393	#26-5698	#27-5705	#28-5625	#29-5388	#30-5709
#31-5268	#32-5374	#33-5405	#34-5458	#35-5351	#36-5712	#37-5322	#38-5266	#39-5508	#40-5428
#41-5665	#42-5294	#43-5346	#44-5366	#45-5579	#46-5431	#47-5332	#48-5680	#49-5269	#50-5615
#51-5723	#52-5527	#53-5647	#54-5250	#55-5369	#56-5349	#57-5702	#58-5373	#59-5513	#60-5552
#61-5413	#62-5590	#63-5572	#64-5375	#65-5562	#66-5478	#67-5589	#68-5407	#69-5483	#70-5308
#71-5392	#72-5441	#73-5669	#74-5512	#75-5623	#76-5295	#77-5514	#78-5469	#79-5456	#80-5685
#81-5617	#82-5274	#83-5606	#84-5501	#85-5711	#86-5465	#87-5449	#88-5404	#89-5337	#90-5255
#91-5257	#92-5675	#93-5482	#94-5674	#95-5271	#96-5326	#97-5444	#98-5695	#99-5525	#100-5354

Type 6 #25 [Back to Summary]									
#01-5565	#02-5652	#03-5450	#04-5684	#05-5473	#06-5533	#07-5583	#08-5385	#09-5351	#10-5319
#11-5558	#12-5487	#13-5640	#14-5548	#15-5664	#16-5386	#17-5710	#18-5322	#19-5384	#20-5349
#21-5275	#22-5434	#23-5312	#24-5477	#25-5302	#26-5437	#27-5683	#28-5718	#29-5496	#30-5546
#31-5579	#32-5539	#33-5668	#34-5350	#35-5372	#36-5689	#37-5545	#38-5646	#39-5276	#40-5425
#41-5606	#42-5311	#43-5300	#44-5268	#45-5421	#46-5493	#47-5287	#48-5655	#49-5263	#50-5605
#51-5343	#52-5371	#53-5564	#54-5423	#55-5329	#56-5387	#57-5590	#58-5700	#59-5629	#60-5288
#61-5577	#62-5592	#63-5618	#64-5528	#65-5467	#66-5267	#67-5542	#68-5535	#69-5428	#70-5701
#71-5567	#72-5313	#73-5296	#74-5685	#75-5469	#76-5688	#77-5382	#78-5294	#79-5307	#80-5532
#81-5401	#82-5278	#83-5704	#84-5615	#85-5456	#86-5460	#87-5703	#88-5498	#89-5272	#90-5717
#91-5356	#92-5573	#93-5265	#94-5714	#95-5576	#96-5262	#97-5424	#98-5497	#99-5524	#100-5405

Type 6 #26 [Back to Summary]									
#01-5673	#02-5474	#03-5478	#04-5290	#05-5289	#06-5280	#07-5324	#08-5604	#09-5677	#10-5366
#11-5250	#12-5543	#13-5644	#14-5346	#15-5616	#16-5548	#17-5612	#18-5254	#19-5330	#20-5260
#21-5296	#22-5303	#23-5515	#24-5437	#25-5598	#26-5718	#27-5298	#28-5313	#29-5365	#30-5457
#31-5518	#32-5611	#33-5494	#34-5630	#35-5587	#36-5650	#37-5526	#38-5664	#39-5573	#40-5424
#41-5389	#42-5353	#43-5545	#44-5636	#45-5716	#46-5533	#47-5655	#48-5649	#49-5351	#50-5278
#51-5382	#52-5420	#53-5421	#54-5519	#55-5363	#56-5625	#57-5688	#58-5295	#59-5419	#60-5300
#61-5711	#62-5266	#63-5495	#64-5473	#65-5574	#66-5371	#67-5306	#68-5267	#69-5484	#70-5694
#71-5274	#72-5676	#73-5408	#74-5628	#75-5595	#76-5669	#77-5480	#78-5602	#79-5445	#80-5319
#81-5321	#82-5377	#83-5686	#84-5337	#85-5333	#86-5355	#87-5447	#88-5699	#89-5521	#90-5689
#91-5687	#92-5483	#93-5498	#94-5530	#95-5439	#96-5378	#97-5578	#98-5327	#99-5314	#100-5600

Type 6 #27 [Back to Summary]									
#01-5483	#02-5637	#03-5415	#04-5379	#05-5255	#06-5429	#07-5265	#08-5517	#09-5648	#10-5417
#11-5396	#12-5331	#13-5577	#14-5354	#15-5707	#16-5593	#17-5305	#18-5414	#19-5398	#20-5480
#21-5650	#22-5327	#23-5475	#24-5523	#25-5256	#26-5520	#27-5434	#28-5603	#29-5445	#30-5479
#31-5339	#32-5407	#33-5549	#34-5570	#35-5558	#36-5401	#37-5680	#38-5557	#39-5323	#40-5625
#41-5332	#42-5655	#43-5299	#44-5352	#45-5544	#46-5610	#47-5633	#48-5389	#49-5548	#50-5573
#51-5313	#52-5419	#53-5656	#54-5561	#55-5682	#56-5405	#57-5418	#58-5624	#59-5372	#60-5466

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#61-5722	#62-5386	#63-5320	#64-5425	#65-5325	#66-5714	#67-5513	#68-5259	#69-5528	#70-5559
#71-5642	#72-5477	#73-5338	#74-5502	#75-5393	#76-5721	#77-5277	#78-5369	#79-5702	#80-5373
#81-5613	#82-5288	#83-5302	#84-5600	#85-5416	#86-5653	#87-5487	#88-5711	#89-5615	#90-5400
#91-5710	#92-5303	#93-5438	#94-5588	#95-5627	#96-5670	#97-5579	#98-5605	#99-5272	#100-5551

Type 6 #28 [Back to Summary]									
#01-5344	#02-5621	#03-5590	#04-5716	#05-5656	#06-5563	#07-5326	#08-5400	#09-5412	#10-5680
#11-5376	#12-5292	#13-5643	#14-5250	#15-5576	#16-5682	#17-5334	#18-5452	#19-5260	#20-5406
#21-5483	#22-5524	#23-5371	#24-5375	#25-5567	#26-5583	#27-5296	#28-5478	#29-5601	#30-5453
#31-5396	#32-5398	#33-5348	#34-5404	#35-5279	#36-5714	#37-5429	#38-5313	#39-5665	#40-5570
#41-5572	#42-5331	#43-5549	#44-5658	#45-5272	#46-5669	#47-5387	#48-5434	#49-5258	#50-5668
#51-5585	#52-5377	#53-5597	#54-5595	#55-5319	#56-5542	#57-5501	#58-5468	#59-5402	#60-5323
#61-5520	#62-5577	#63-5526	#64-5688	#65-5535	#66-5705	#67-5671	#68-5493	#69-5696	#70-5589
#71-5506	#72-5271	#73-5510	#74-5417	#75-5556	#76-5401	#77-5700	#78-5440	#79-5351	#80-5626
#81-5447	#82-5593	#83-5469	#84-5655	#85-5594	#86-5269	#87-5523	#88-5477	#89-5329	#90-5459
#91-5463	#92-5685	#93-5638	#94-5592	#95-5299	#96-5722	#97-5529	#98-5588	#99-5366	#100-5290

Type 6 #29 [Back to Summary]									
#01-5723	#02-5616	#03-5458	#04-5393	#05-5408	#06-5562	#07-5588	#08-5430	#09-5285	#10-5644
#11-5570	#12-5310	#13-5362	#14-5499	#15-5603	#16-5655	#17-5354	#18-5592	#19-5341	#20-5514
#21-5428	#22-5441	#23-5412	#24-5486	#25-5373	#26-5550	#27-5355	#28-5647	#29-5363	#30-5561
#31-5597	#32-5357	#33-5314	#34-5307	#35-5629	#36-5553	#37-5382	#38-5323	#39-5500	#40-5277
#41-5409	#42-5343	#43-5448	#44-5416	#45-5618	#46-5404	#47-5574	#48-5391	#49-5714	#50-5371
#51-5621	#52-5667	#53-5501	#54-5583	#55-5591	#56-5533	#57-5457	#58-5699	#59-5266	#60-5585
#61-5459	#62-5672	#63-5313	#64-5451	#65-5295	#66-5466	#67-5718	#68-5299	#69-5602	#70-5294
#71-5523	#72-5278	#73-5342	#74-5312	#75-5360	#76-5333	#77-5720	#78-5250	#79-5604	#80-5696
#81-5704	#82-5690	#83-5658	#84-5716	#85-5670	#86-5656	#87-5582	#88-5464	#89-5447	#90-5340
#91-5350	#92-5413	#93-5302	#94-5639	#95-5546	#96-5469	#97-5274	#98-5719	#99-5368	#100-5405

Type 6 #30 [Back to Summary]									
#01-5409	#02-5517	#03-5516	#04-5666	#05-5574	#06-5584	#07-5567	#08-5432	#09-5470	#10-5503
#11-5536	#12-5450	#13-5348	#14-5296	#15-5606	#16-5486	#17-5261	#18-5323	#19-5502	#20-5366
#21-5602	#22-5507	#23-5583	#24-5504	#25-5675	#26-5361	#27-5701	#28-5425	#29-5485	#30-5623
#31-5303	#32-5251	#33-5615	#34-5442	#35-5539	#36-5434	#37-5420	#38-5716	#39-5389	#40-5334
#41-5336	#42-5400	#43-5714	#44-5667	#45-5533	#46-5625	#47-5305	#48-5258	#49-5285	#50-5311
#51-5453	#52-5680	#53-5467	#54-5722	#55-5529	#56-5630	#57-5660	#58-5263	#59-5717	#60-5459
#61-5609	#62-5386	#63-5670	#64-5576	#65-5447	#66-5537	#67-5565	#68-5633	#69-5481	#70-5411
#71-5313	#72-5271	#73-5655	#74-5412	#75-5279	#76-5444	#77-5520	#78-5641	#79-5697	#80-5300
#81-5307	#82-5692	#83-5390	#84-5424	#85-5415	#86-5351	#87-5511	#88-5616	#89-5644	#90-5635
#91-5498	#92-5406	#93-5723	#94-5656	#95-5451	#96-5673	#97-5456	#98-5380	#99-5465	#100-5720

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