

Company: Samsung Electronics Co., Ltd.

Test of: WEA554i, WEA554d WLAN AP

To: FCC CFR 47 Part 15 Subpart E 15.407

Report No.: CTKL08-U2 Rev A

DFS TEST REPORT



DFS TEST REPORT

FROM



Test of: Samsung Electronics Co., Ltd. WLAN Access Point

To: FCC CFR 47 Part 15 Subpart E 15.407 DFS Only

Test Report Serial No.: CTKL08-U2 Rev A

This report supersedes: NONE

Applicant: Samsung Electronics Co., Ltd.
129, Samsung-ro, Yeongtong-gu
Suwon-si, Gyeonggi-do, 16677
South Korea

Issue Date: 5th September 2018

This Test Report is Issued Under the Authority of:

MiCOM Labs, Inc.
575 Boulder Court
Pleasanton California 94566
USA
Phone: +1 (925) 462-0304
Fax: +1 (925) 462-0306
www.micomlabs.com



MiCOM Labs is an ISO 17025 Accredited Testing Laboratory



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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 17025:2005. 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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1.2. RECOGNITION

MiCOM Labs, Inc has widely recognized wireless testing capabilities. Our international recognition includes Conformity Assessment Body designation by APEC MRA countries. MiCOM Labs test reports are accepted globally.

Country	Recognition Body	Status	Phase	Identification No.
USA	Federal Communications Commission (FCC)	TCB	-	US0159 Listing #: 102167
Canada	Industry Canada (IC)	FCB	APEC MRA 2	US0159 Listing #: 4143A-2 4143A-3
Japan	MIC (Ministry of Internal Affairs and Communication)	CAB	APEC MRA 2	RCB 210
	VCCI	--	--	A-0012
Europe	European Commission	NB	EU MRA	NB 2280
Australia	Australian Communications and Media Authority (ACMA)	CAB	APEC MRA 1	US0159
Hong Kong	Office of the Telecommunication Authority (OFTA)	CAB	APEC MRA 1	
Korea	Ministry of Information and Communication Radio Research Laboratory (RRL)	CAB	APEC MRA 1	
Singapore	Infocomm Development Authority (IDA)	CAB	APEC MRA 1	
Taiwan	National Communications Commission (NCC) Bureau of Standards, Metrology and Inspection (BSMI)	CAB	APEC MRA 1	
Vietnam	Ministry of Communication (MIC)	CAB	APEC MRA 1	

EU MRA – European Union Mutual Recognition Agreement.

NB – Notified Body

APEC MRA – Asia Pacific Economic Community Mutual Recognition Agreement. Recognition agreement under which test lab is accredited to regulatory standards of the APEC member countries.

Phase I - recognition for product testing

Phase II – recognition for both product testing and certification

1.3. PRODUCT CERTIFICATION

MiCOM Labs, Inc. is an accredited Product Certification Body per the international standard ISO/IEC 17065:2012. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.02. MiCOM Labs test schedule is available at the following URL; <http://www.a2la.org/scopepdf/2381-02.pdf>



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



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2. DOCUMENT HISTORY

Document History		
Revision	Date	Comments
Draft	31 st August 2018	Draft release for customer review
Rev A	5 th September 2018	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 RESULT CERTIFICATE

Manufacturer: Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 South Korea	Tested By: MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Model: WEA554i, WEA554d	Telephone: +1 925 462 0304 Fax: +1 925 462 0306
Type of Equipment: WLAN Access Point	
S/N's: S634501065	
Test Date(s): 17 th – 30 th August 2018	Website: www.micomlabs.com

STANDARD(S)	TEST RESULTS
FCC CFR 47 Part 15 Subpart E 15.407 (DFS Only)	EQUIPMENT COMPLIES

MiCOM Labs, Inc. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report.

Notes:

1. This document reports conditions under which testing was conducted and the results of testing performed.
2. Details of test methods used have been recorded and kept on file by the laboratory.
3. Test results apply only to the item(s) tested.

Approved & Released for MiCOM Labs, Inc. by:



Graeme Grieve
Quality Manager MiCOM Labs, Inc.

Gordon Hurst
President & CEO MiCOM Labs, Inc.

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4. REFERENCES AND MEASUREMENT UNCERTAINTY

4.1. Normative References

REF.	PUBLICATION	YEAR	TITLE
I	KDB 662911 D01 & D02	Oct 31 2013	Guidance for measurement of output emission of devices that employ single transmitter with multiple outputs or systems with multiple transmitters operating simultaneously in the same frequency band
II	KDB 905462 D07 v02	22nd August 2016	Test guidance to demonstrate compliance for U-NII devices subject to DFS requirements.
III	KDB 926956 D01 v02	22nd August 2016	U-NII Device Transition Plan
IV	A2LA	August 2017	R105 - Requirement's When Referring to A2LA Accreditation Status
V	ANSI C63.10	2013	American National Standard for Testing Unlicensed Wireless Devices
VI	ANSI C63.4	2014	American National Standards for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
VII	CISPR 32	2015	Electromagnetic compatibility of multimedia equipment - Emission requirements
VIII	ETSI TR 100 028	2001-12	Parts 1 and 2 Electromagnetic compatibility and Radio Spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics
IX	FCC 06-96	Jun 30 2006	Memorandum Opinion and Order
X	FCC 47 CFR Part 15.407	2016	Radio Frequency Devices; Subpart E –Unlicensed National Information Infrastructure Devices
XI	ICES-003	Issue 6 Jan 2016; Updated April 2017	Information Technology Equipment (Including Digital Apparatus) – Limits and methods of measurement.
XII	M 3003	Edition 3 Nov.2012	Expression of Uncertainty and Confidence in Measurements
XIII	RSS-247 Issue 2	Feb 2017	Digital Transmission Systems (DTSs), Frequency Hopping System (FHSs) and License-Exempt Local Area Network (LE-LAN) Devices
XIV	RSS-Gen Issue 5	April 2018	General Requirements for Compliance of Radio Apparatus
XV	FCC 47 CFR Part 2.1033	2016	FCC requirements and rules regarding photographs and test setup diagrams.
XVI	KDB 905462 D02 v02	April 8 2016	Compliance Measurement Procedures for Unlicensed National Information Infrastructure devices operating in the 5250 to 5350 MHz and 5470 to 5725 MHz bands incorporating Dynamic Frequency Selection.
XVII	KDB 789033 D02 V02r01	14th December, 2017	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E

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4.2. Test and Uncertainty Procedure

Conducted and radiated emission measurements were conducted in accordance with American National Standards Institute ANSI C63.4, listed in the Normative References section of this report.

Measurement uncertainty figures are calculated in accordance with ETSI TR 100 028 Parts 1 and 2.

Measurement uncertainties stated are based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95 % in accordance with UKAS document M 3003 listed in the Normative References section of this report.

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5. PRODUCT DETAILS AND TEST CONFIGURATIONS

5.1. Technical Details

Details	Description
Purpose:	Test of the Samsung Electronics Co., Ltd. WLAN Access Point to FCC CFR 47 Part 15 Subpart E 15.407. Compliance Measurement Procedures for Unlicensed National Information Infrastructure devices operating in the 5250 to 5350 MHz and 5470 to 5725 MHz bands incorporating Dynamic Frequency Selection.
Applicant:	Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 South Korea
Manufacturer:	Samsung Electronics Co., Ltd.
Laboratory performing the tests:	MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Test report reference number:	CTKL08-U2
Date EUT received:	17 th August 2018
Standard(s) applied:	FCC CFR 47 Part 15 Subpart E 15.407
Dates of test (from - to):	18 th – 30 th August 2018
No of Units Tested:	1
Product Family Name:	WEA554
Model(s):	WEA554i, WEA554d
Location for use:	Outdoors
Declared Frequency Range(s):	5150 - 5250 MHz; 5250 - 5350 MHz; 5470 - 5725 MHz; 5725 - 5850 MHz;
Type of Modulation:	OFDM
EUT Modes of Operation:	802.11a; 802.11n HT-20; HT-40; 802.11ac 20; 40; 80; 160;
Declared Nominal Output Power (dBm):	25.71
Transmit/Receive Operation:	Transceiver
Rated Input Voltage and Current:	DC 48 V, 0.54 A
Operating Temperature Range:	-40 – 65 °C
ITU Emission Designator:	20MD2D, 40MD2D, 80MD2D, 160MD2D
Equipment Dimensions:	186.5 x 253.5 x 80 mm
Weight:	2.3 kg
Hardware Rev:	PCS01C
Software Rev:	4.10.16.R

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5.2. Scope of Test Program

Samsung Electronics Co., Ltd. WEA554i, WEA554d

The scope of the test program was to test the Samsung Electronics Co., Ltd. WEA554i, WEA554d, WLAN Access Point configurations in the frequency ranges 5150 - 5250 MHz; 5250 - 5350 MHz; 5470 - 5725 MHz; 5725 - 5850 MHz; for compliance against the following specification:

FCC CFR 47 Part 15 Subpart E 15.407

Compliance Measurement Procedures for Unlicensed National Information Infrastructure devices operating in the 5250 to 5350 MHz and 5470 to 5725 MHz bands incorporating Dynamic Frequency Selection.

Samsung Electronics Co., Ltd. WEA554i, WEA554d



Front View

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5.3. Equipment Model(s) and Serial Number(s)

Type	Description	Manufacturer	Model	Serial No.	Delivery Date
EUT	802.11/ac router	Samsung Electronics Co., Ltd.	WEA554i	S634501065	17 th August 2018
EUT	802.11/ac router	Samsung Electronics Co., Ltd.	WEA554d	S634501141	17 th August 2018
Support	802.11/ac router as client	Samsung Electronics Co., Ltd.	WEA524i	DKN18211	17 th August 2018

5.4. Antenna Details

Type	Manufacturer	Model	Family	Gain (dBi)	BF Gain	Dir BW	X-Pol	Frequency Band (MHz)
integral	GigaLane	ANT0	OMNI	3.5	-	360	-	5250 - 5350 5470 - 5725
integral	GigaLane	ANT0	Directional	7.9	-	360	-	5250 - 5350 5470 - 5725
integral	GigaLane	ANT1	OMNI	4.5	-	360	-	5250 - 5350 5470 - 5725
integral	GigaLane	ANT1	Directional	7.9	-	360	-	5250 - 5350 5470 - 5725
integral	GigaLane	ANT2	OMNI	3.9	-	360	-	5250 - 5350 5470 - 5725
integral	GigaLane	ANT2	Directional	7.9	-	360	-	5250 - 5350 5470 - 5725
integral	GigaLane	ANT3	OMNI	3.8	-	360	-	5250 - 5350 5470 - 5725
integral	GigaLane	ANT3	Directional	7.9	-	360	-	5250 - 5350 5470 - 5725

BF Gain - Beamforming Gain
Dir BW - Directional BeamWidth
X-Pol - Cross Polarization

5.5. Cabling and I/O Ports

Port Type	Max Cable Length (m)	# of Ports	Screened	Conn Type	Data Type	Bit Rate
Ethernet	>100	1	Y	RJ45	Packet Data	10/100/1000
Ethernet (PoE)	>100	1	Y	RJ45	Packet Data	10/100/1000
SFP	>100	1	Y	SFP	Digital	10/100/1000/10000

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5.6. Test Configurations

Results for the following configurations are provided in this report:

Operational Mode(s) (802.11a/b/g/n/ac)	Data Rate with Highest Power MBit/s	Channel Frequency (MHz)		
		Low	Mid	High
5470 - 5725 MHz				
802.11a	6.00	--	5,580.00	--
802.11ac-160	63.60	5,570.00	--	--
802.11ac-80	29.30	--	5,610.00	--
802.11n HT-40	13.50	--	5,590.00	--

5.7. Equipment Modifications

The following modifications were required to bring the equipment into compliance:

1. NONE

5.8. Deviations from the Test Standard

The following deviations from the test standard were required in order to complete the test program:

1. NONE



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6. TEST SUMMARY

List of Measurements

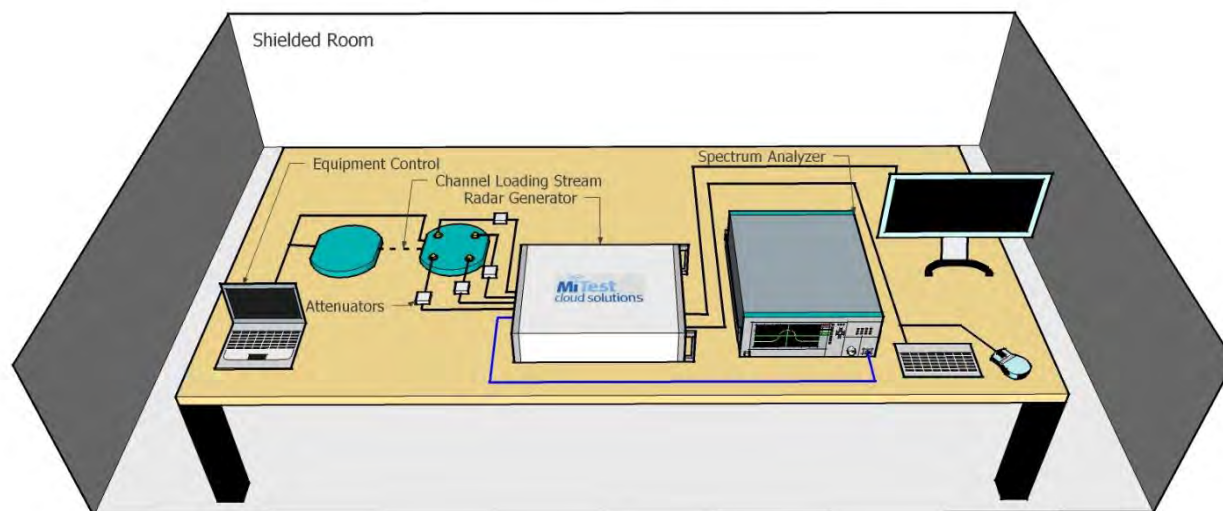
Test Header	Result	Data Link
Dynamic Frequency Selection (DFS)	Complies	-
Channel Availability Check	Complies	-
Initial CAC	Complies	View Data
Beginning CAC	Complies	View Data
End CAC	Complies	View Data
Channel Close / Transmission Time	Complies	View Data
Non-Occupancy Period	Complies	View Data
Probability of Detection	Complies	View Data
Detection Bandwidth	Complies	View Data

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7. TEST EQUIPMENT CONFIGURATION(S)

7.1. DFS - Conducted

Dynamic Frequency Selection (DFS) - Conducted



A full system calibration was performed on the test station and any resulting system losses (or gains) were considered in the production of all final measurement data.



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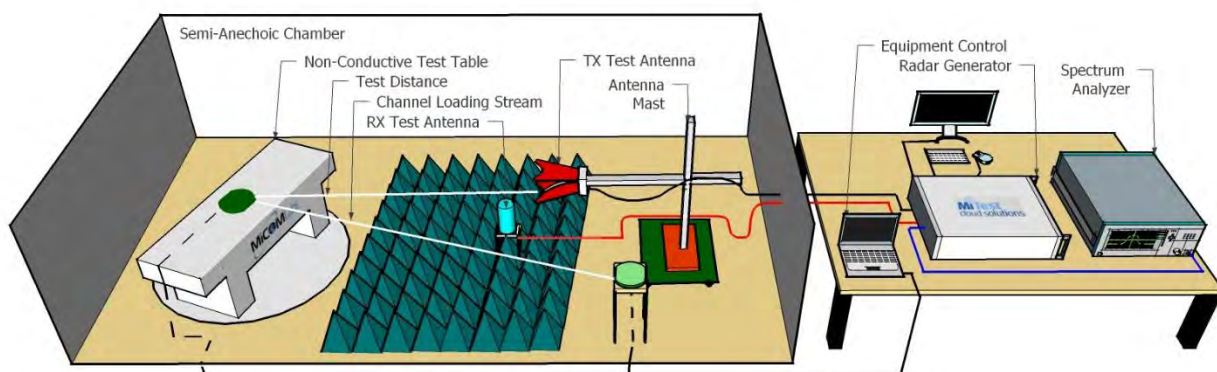
Asset#	Description	Manufacturer	Model#	Serial#	Calibration Due Date
0507	Power Meter EPM Series	Agilent	E4418B	MY40511221	20 Oct 2018
510	Barometer/Thermometer	Control Company	68000-49	170871375	11 Dec 2018
193	Receiver 20 Hz to 7 GHz	Rhode & Schwarz	ESI 7	838496/007	10 Oct 2018
299	Test Software DFS Test System	Aeroflex	DFS test Software	V2.7.0	Not Required
359	DFS System	Aeroflex	PXI-1042	300001/004	6 Dec 2018
417	Laptop for DFS with DFS software	Lenova	W520	DFS	Not Required
418	PCI-e interface card	National Instruments	Express 8360	174AAC5	Not Required
422	Splitter/Combiner	Pasternack	PE 2031	001	Cal when used
495	RF Power Divider	Micon Precise Corp	91002	495	Cal when used
71	Spectrum Analyser 9KHz-50GHz	HP	8565E	3425A00181	6 Aug 2019
DFS PCIe#1	PCIe cable for Aeroflex	National Instruments	PCIe cable	None	Not Required
DFS SMA#1	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#2	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#3	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#4	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used

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7.2. DFS - Radiated

Setup for Radiated DFS testing in 3 m chamber where the EUT is the Master device communicating with client device over the air.

Dynamic Frequency Selection (DFS) - Radiated



A full system calibration was performed on the test station and any resulting system losses (or gains) were considered in the production of all final measurement data.



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Asset#	Description	Manufacturer	Model#	Serial#	Calibration Due Date
0507	Power Meter EPM Series	Agilent	E4418B	MY40511221	20 Oct 2018
104	Antenna Horn 1-18GHz	Electro-Mechanics	3115	9205-3882	28 Sep 2018
117	Low Power Sensor - 70dBm to -20dBm 50 MHz - 50GHz	HP	8487D	3318A00371	21 Sep 2018
207	Radiated Immunity Chamber Maintenance Check	MiCOM	Rad Imm Chamber	207	19 Sep 2018
299	Test Software DFS Test System	Aeroflex	DFS test Software	V2.7.0	Not Required
359	DFS System	Aeroflex	PXI-1042	300001/004	6 Dec 2018
417	Laptop for DFS with DFS software	Lenova	W520	DFS	Not Required
418	PCI-e interface card	National Instruments	Express 8360	174AAC5	Not Required
444	SMA Cable Assembly	ETS-Lindgren	RFC-NMS-100-SMS-256 IN	001	Cal when used
510	Barometer/Thermometer	Control Company	68000-49	170871375	11 Dec 2018
71	Spectrum Analyser 9KHz-50GHz	HP	8565E	3425A00181	6 Aug 2019
DFS PCIe#1	PCIe cable for Aeroflex	National Instruments	PCIe cable	None	Not Required

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8. MEASUREMENT AND PRESENTATION OF TEST DATA

The measurement and graphical data presented in this test report was generated automatically using state-of-the-art technology creating an easy to read report structure. Numerical measurement data is separated from supporting graphical data (plots) through hyperlinks. Numerical measurement data can be reviewed without scrolling through numerous graphical pages to arrive at the next data matrix.

Plots have been relegated into the Appendix 'Graphical Data'.

Test and report automation were performed by [MiTest](#). [MiTest](#) is an automated test system developed by MiCOM Labs. [MiTest](#) is the first cloud based modular test system enabling end-to-end automation of regulatory compliance testing for conducted RF testing.



The MiCOM Labs "[MiTest](#)" Automated Test System" (Patent Pending)

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9. TEST METHODOLOGY

9.1. 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.



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

9.1.1. 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.

9.2. 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 $\geq$ 200 milliwatt	-64 dBm
EIRP $\leq$ 200 milliwatt and power density $\leq$ 10 dBm/MHz	-62 dBm
EIRP $\leq$ 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.



9.3. 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.



9.4. 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.

9.4.1. 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.



9.4.2. 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.

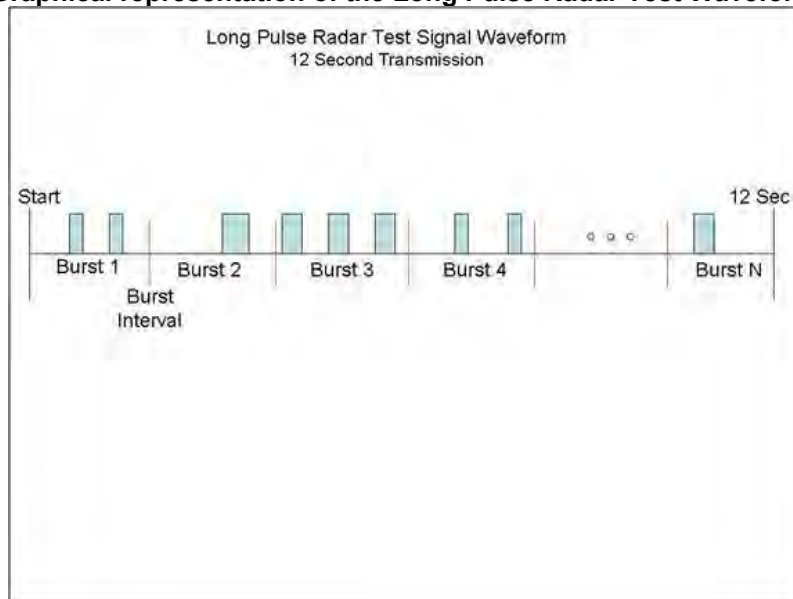
Each waveform is defined as follows:

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 $(12,000,000 / \text{Burst_Count})$ microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and $[(12,000,000 / \text{Burst_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

A representative example of a Long Pulse radar test waveform:

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

Graphical representation of the Long Pulse Radar Test Waveform.





9.4.3. 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.

9.5. 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).



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9.6. Test Program Details

EUT Type: Master with radar detection

Frequency band(s): 5,250 - 5,350 MHz and 5,470 – 5,725 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.

Test Environment: Conducted and radiated

Antenna Gain used for Testing: 3.5 dBi

Radar Level: -64.0 dBm + 3.5 dBi = -60.6 dBm

Radio parameters:

802.11a

Transmit Power: 25.7 Data Rate: 6 Mbit/s Duty Cycle:17.0%

802.11ac 160

Transmit Power: 25.7 Data Rate: 63.6 Mbit/s Duty Cycle:19.0%

802.11ac 80

Transmit Power: 25.7 Data Rate: 29.3 Mbit/s Duty Cycle:17.5%

802.11n HT-40

Transmit Power: 25.7 Data Rate: 13.5 Mbit/s Duty Cycle:18.0%

Number of Antenna Chains: 4

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 per FCC requirement. Iperf was also used to generate traffic in order to fully load buffer.

EUT Software Version: 4.10.16.R

EUT Build number: On File

Test Environmental Conditions - Ambient:

Temperature: 17 to 23 °C

Relative humidity: 31 to 57%

Pressure: 999 to 1012 mbar

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10. TEST RESULTS

10.1.1. Channel Availability Check

10.1.1.1. 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.

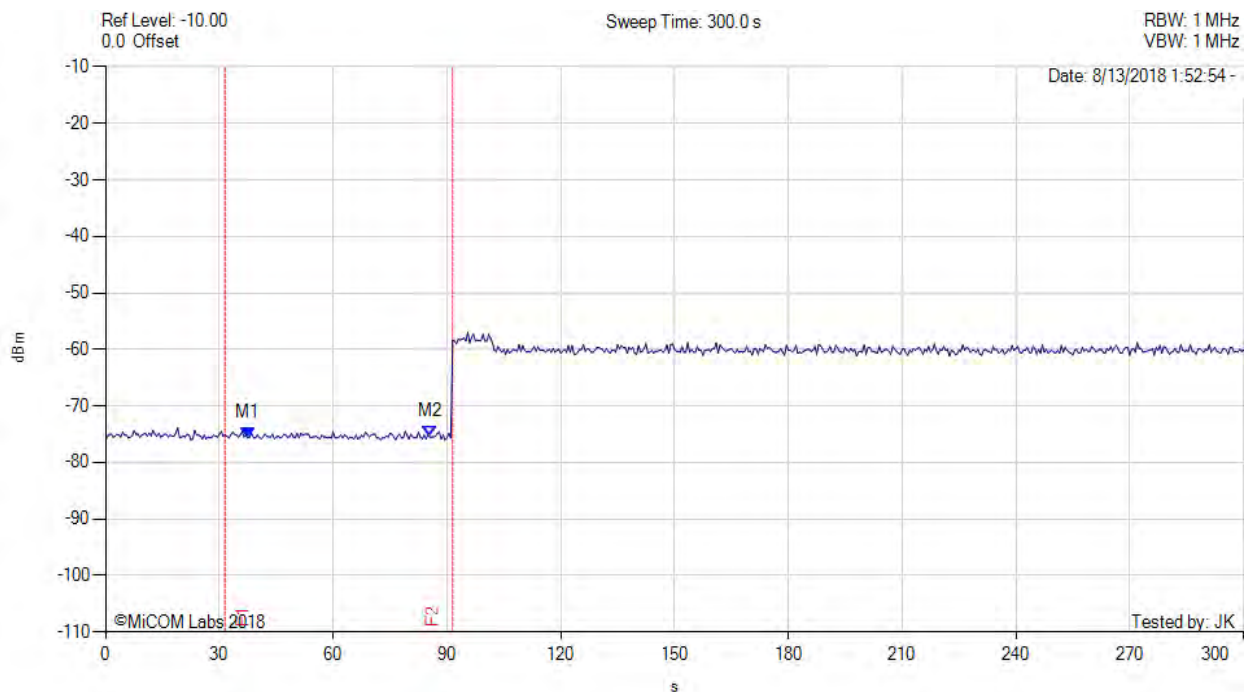


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INITIAL CAC

Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle: 19.30%, Antenna Gain: 3.49 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 37.500 s : -75.660 dBm M2 : 85.500 s : -75.500 dBm	Channel Frequency: 5570.00 MHz Monitored Frequency: 5500.00 MHz F2 - F1 = 91.500 - 31.500 s = 60.000 s

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10.1.1.2. 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.

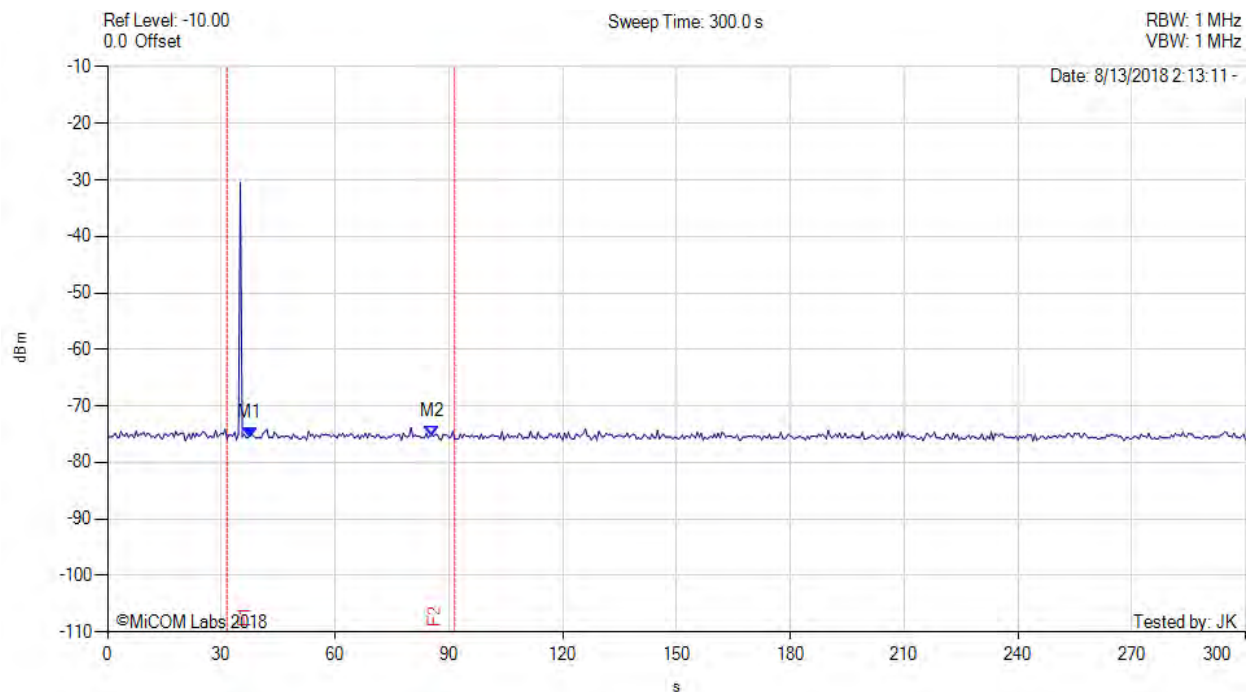


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BEGINNING CAC

Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle : 19.30%, Antenna Gain: 3.49 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 37.500 s : -75.660 dBm M2 : 85.500 s : -75.500 dBm	Channel Frequency: 5570.00 MHz Monitored Frequency: 5500.00 MHz F2 - F1 = 91.500 - 31.500 s = 60.000 s

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10.1.1.3. 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 $T_0 + 54$ seconds. The window will commence at marker 3 and end at the red time line T_2 ($T_0 + 60$ secs)

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

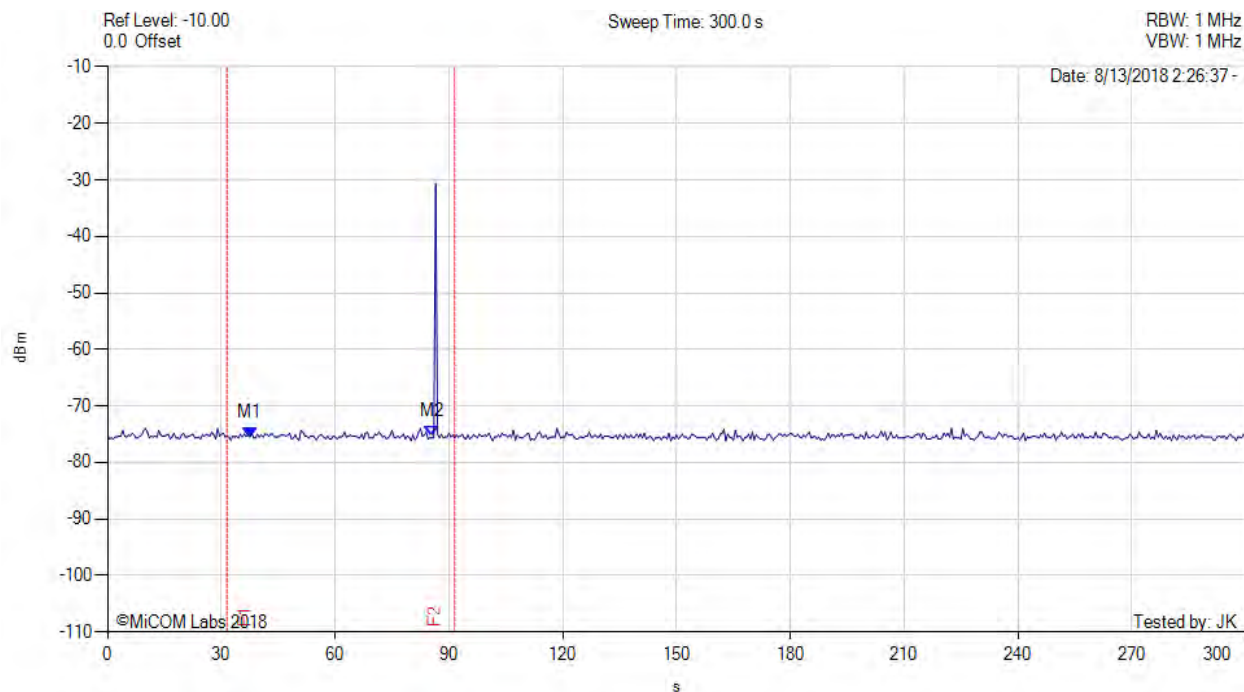


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END CAC



Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle : 19.30%, Antenna Gain: 3.49 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 37.500 s : -75.660 dBm M2 : 85.500 s : -75.500 dBm	Channel Frequency: 5570.00 MHz Monitored Frequency: 5500.00 MHz F2 - F1 = 91.500 - 31.500 s = 60.000 s

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10.1.2. Channel Shutdown

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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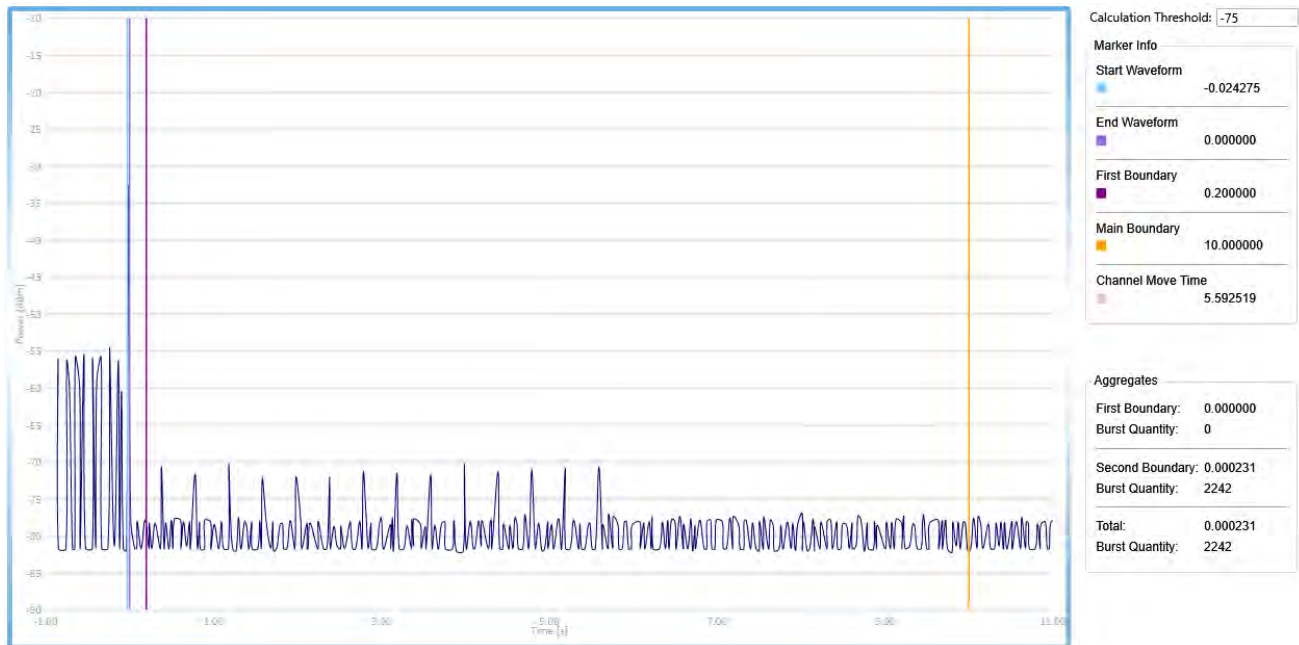
802.11ac 160 Channel 5570 MHz; Observed Frequency 5500 MHz

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

Test Heading	Time (Secs)	Limit (Secs)	Status
Channel Closing Transmission Time	0.000231	0.260	Complies
Channel Move Time	5.592519	10.0	Complies



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



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10.1.3. 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.

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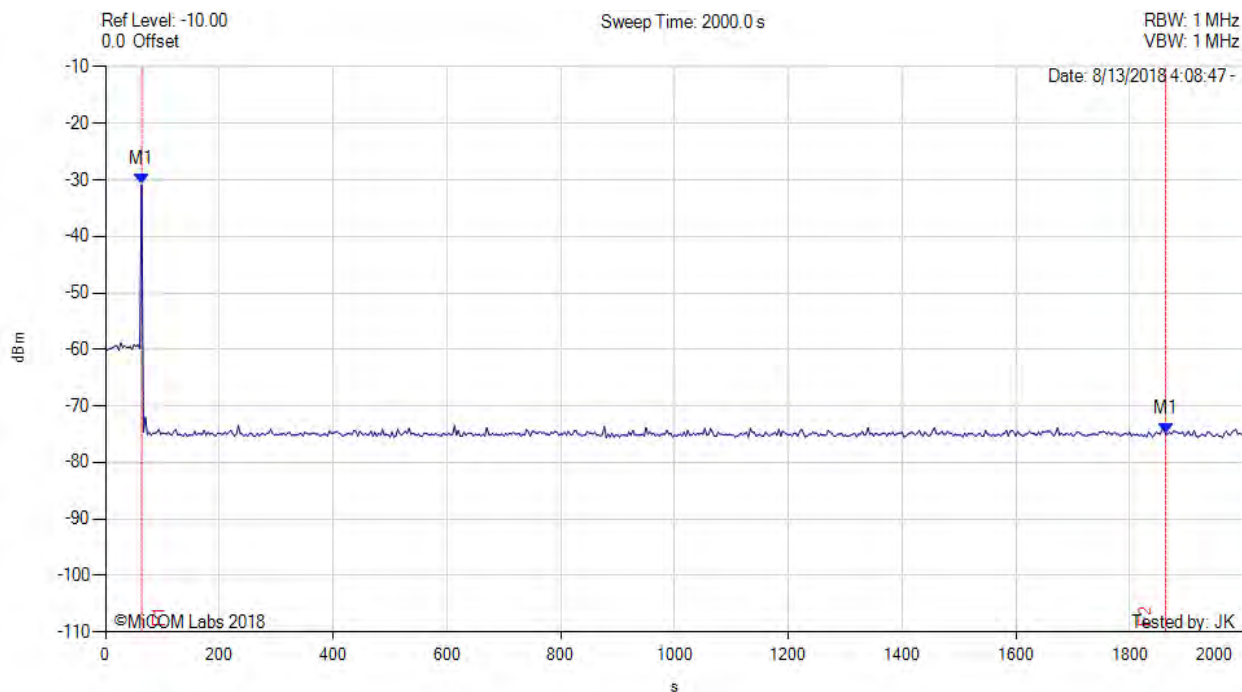


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NON-OCCUPANCY PERIOD

Variant: 802.11ac-160, Channel: 5570.00 MHz, Data Rate: MCS0, Duty Cycle : 19.30%, Antenna Gain: 3.49 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 63.333 s : -30.830 dBm M1 : 1863.333 s : -75.000 dBm	Channel Frequency: 5570.00 MHz Monitored Frequency: 5500.00 MHz F2 - F1 = 1863.333 - 63.333 s = 1800.000 s

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10.1.4. 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:

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

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

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

Example - Calculation of Aggregate Percentage

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



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802.11a - 5580 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	24	80.00%	Complies	View Data
Radar Type 2	30	22	73.33%	Complies	View Data
Radar Type 3	30	28	93.34%	Complies	View Data
Radar Type 4	30	26	86.67%	Complies	View Data
Aggregate (80.00% + 73.33% + 93.34% + 86.67%) / 4 = 83.34%				Complies	--
Radar Type 5	30	28	93.33%	Complies	View Data
Radar Type 6	30	28	93.33%	Complies	View Data

802.11ac-160 - 5570 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	27	90.00%	Complies	View Data
Radar Type 2	30	26	86.67%	Complies	View Data
Radar Type 3	30	24	80.00%	Complies	View Data
Radar Type 4	30	26	86.67%	Complies	View Data
Aggregate (90.00% + 86.67% + 80.00% + 86.67%) / 4 = 85.84%				Complies	--
Radar Type 5	30	28	93.33%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

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802.11ac-80 - 5610 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	29	96.67%	Complies	View Data
Radar Type 2	30	25	83.33%	Complies	View Data
Radar Type 3	30	28	93.33%	Complies	View Data
Radar Type 4	30	26	86.67%	Complies	View Data
Aggregate (96.67% + 83.33% + 93.33% + 86.67%) / 4 = 90.00%				Complies	--
Radar Type 5	30	28	93.33%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

802.11n HT-40 - 5590 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	27	90.00%	Complies	View Data
Radar Type 2	30	23	76.67%	Complies	View Data
Radar Type 3	30	26	86.67%	Complies	View Data
Radar Type 4	30	26	86.67%	Complies	View Data
Aggregate (90.00% + 76.67% + 86.67% + 86.67%) / 4 = 85.00%				Complies	--
Radar Type 5	30	24	80.00%	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 (%):	17.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5580.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5581	1	658	81	1	1	100.00	Detected
5589	1	738	72	1	1	100.00	Detected
5580	1	678	78	1	1	100.00	Detected
5578	1	598	89	1	1	100.00	Detected
5587	1	578	92	1	1	100.00	Detected
5585	1	558	95	1	1	100.00	Detected
5574	1	818	65	1	0	0.00	Not Detected
5572	1	3066	18	1	0	0.00	Not Detected
5585	1	858	62	1	1	100.00	Detected
5587	1	878	61	1	1	100.00	Detected
5588	1	938	57	1	1	100.00	Detected
5580	1	618	86	1	1	100.00	Detected
5574	1	758	70	1	0	0.00	Not Detected
5577	1	718	74	1	1	100.00	Detected
5577	1	638	83	1	1	100.00	Detected
5588	1	798	67	1	1	100.00	Detected
5573	1	560	95	1	0	0.00	Not Detected
5572	1	1994	27	1	1	100.00	Detected
5583	1	1605	33	1	1	100.00	Detected
5586	1	2282	24	1	1	100.00	Detected
5581	1	1711	31	1	1	100.00	Detected
5587	1	1112	48	1	1	100.00	Detected
5579	1	2875	19	1	1	100.00	Detected
5582	1	2174	25	1	1	100.00	Detected
5587	1	2400	22	1	1	100.00	Detected
5578	1	1048	51	1	1	100.00	Detected
5571	1	1671	32	1	0	0.00	Not Detected
5581	1	2020	27	1	1	100.00	Detected
5586	1	2667	20	1	1	100.00	Detected
5576	1	701	76	1	0	0.00	Not Detected
Aggregate:				30	24	80.00	Pass

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Equipment Configuration for Radar Type 2

Variant:	802.11a	Duty Cycle (%):	17.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5580.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5589	5	219	27	1	1	100.00	Detected
5575	2	226	24	1	0	0.00	Not Detected
5580	3	177	25	1	1	100.00	Detected
5587	1	164	26	1	1	100.00	Detected
5572	2	205	24	1	1	100.00	Detected
5586	4	192	27	1	1	100.00	Detected
5585	4	188	27	1	1	100.00	Detected
5580	3	213	28	1	1	100.00	Detected
5574	4	207	26	1	0	0.00	Not Detected
5582	1	230	24	1	1	100.00	Detected
5589	3	164	25	1	1	100.00	Detected
5578	1	178	28	1	1	100.00	Detected
5576	1	190	26	1	0	0.00	Not Detected
5574	1	170	25	1	0	0.00	Not Detected
5579	2	224	26	1	1	100.00	Detected
5585	2	205	29	1	1	100.00	Detected
5584	3	165	23	1	1	100.00	Detected
5580	4	217	29	1	1	100.00	Detected
5576	3	172	25	1	0	0.00	Not Detected
5580	1	165	28	1	1	100.00	Detected
5577	4	182	25	1	1	100.00	Detected
5589	2	201	24	1	1	100.00	Detected
5580	3	157	25	1	1	100.00	Detected
5575	3	182	28	1	0	0.00	Not Detected
5585	1	206	28	1	1	100.00	Detected
5587	2	179	27	1	1	100.00	Detected
5575	3	169	27	1	0	0.00	Not Detected
5584	5	211	25	1	1	100.00	Detected
5572	1	162	24	1	0	0.00	Not Detected
5587	2	152	26	1	1	100.00	Detected
Aggregate:				30	22	73.33	Pass

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Equipment Configuration for Radar Type 3

Variant:	802.11a	Duty Cycle (%):	17.00
Data Rate:	6Mbit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5580.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5581	7	270	17	1	1	100.00	Detected
5585	9	355	18	1	1	100.00	Detected
5572	8	449	17	1	1	100.00	Detected
5573	6	282	17	1	1	100.00	Detected
5576	9	242	17	1	1	100.00	Detected
5580	10	318	17	1	1	100.00	Detected
5584	6	371	17	1	1	100.00	Detected
5580	8	273	16	1	1	100.00	Detected
5575	10	487	18	1	0	0.00	Not Detected
5583	8	308	16	1	1	100.00	Detected
5586	7	311	18	1	1	100.00	Detected
5573	6	362	18	1	1	100.00	Detected
5587	10	318	18	1	1	100.00	Detected
5583	8	352	17	1	1	100.00	Detected
5588	9	415	17	1	1	100.00	Detected
5575	10	309	17	1	1	100.00	Detected
5574	8	302	16	1	0	0.00	Not Detected
5573	7	488	18	1	1	100.00	Detected
5578	10	418	16	1	1	100.00	Detected
5581	8	319	17	1	1	100.00	Detected
5581	9	441	17	1	1	100.00	Detected
5571	8	402	18	1	1	100.00	Detected
5577	7	208	18	1	1	100.00	Detected
5587	9	234	18	1	1	100.00	Detected
5571	9	396	17	1	1	100.00	Detected
5585	7	393	17	1	1	100.00	Detected
5589	9	309	18	1	1	100.00	Detected
5585	7	206	17	1	1	100.00	Detected
5576	6	221	17	1	1	100.00	Detected
5571	10	372	18	1	1	100.00	Detected
Aggregate:				30	28	93.34	Pass

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Equipment Configuration for Radar Type 4

Variant:	802.11a	Duty Cycle (%):	17.00
Data Rate:	6Mbit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5580.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5586	16	493	15	1	1	100.00	Detected
5576	11	469	15	1	1	100.00	Detected
5584	18	236	16	1	1	100.00	Detected
5587	18	455	13	1	1	100.00	Detected
5573	13	371	13	1	1	100.00	Detected
5573	19	500	16	1	0	0.00	Not Detected
5577	17	388	15	1	1	100.00	Detected
5583	17	482	12	1	1	100.00	Detected
5574	20	434	12	1	1	100.00	Detected
5575	19	287	16	1	1	100.00	Detected
5585	17	240	12	1	1	100.00	Detected
5575	13	360	14	1	1	100.00	Detected
5575	18	291	16	1	0	0.00	Not Detected
5575	12	390	16	1	1	100.00	Detected
5582	11	335	15	1	1	100.00	Detected
5578	12	215	12	1	1	100.00	Detected
5586	20	394	16	1	1	100.00	Detected
5589	17	222	13	1	1	100.00	Detected
5589	17	392	14	1	1	100.00	Detected
5584	20	409	12	1	1	100.00	Detected
5572	11	345	16	1	0	0.00	Not Detected
5578	12	487	16	1	1	100.00	Detected
5576	18	378	13	1	0	0.00	Not Detected
5578	17	370	15	1	1	100.00	Detected
5582	12	267	13	1	1	100.00	Detected
5581	16	362	14	1	1	100.00	Detected
5583	11	457	15	1	1	100.00	Detected
5581	12	288	15	1	1	100.00	Detected
5577	14	371	13	1	1	100.00	Detected
5583	12	393	15	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass

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Equipment Configuration for Radar Type 5

Variant:	802.11a	Duty Cycle (%):	17.00
Data Rate:	6 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5580.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5583	1	1	100.00	Detected
Type 5 #2 5580	1	1	100.00	Detected
Type 5 #3 5580	1	1	100.00	Detected
Type 5 #4 5580	1	1	100.00	Detected
Type 5 #5 5580	1	1	100.00	Detected
Type 5 #6 5583	1	1	100.00	Detected
Type 5 #7 5587	1	1	100.00	Detected
Type 5 #8 5580	1	1	100.00	Detected
Type 5 #9 5579	1	1	100.00	Detected
Type 5 #10 5576	1	1	100.00	Detected
Type 5 #11 5580	1	1	100.00	Detected
Type 5 #12 5575	1	1	100.00	Detected
Type 5 #13 5580	1	1	100.00	Detected
Type 5 #14 5580	1	1	100.00	Detected
Type 5 #15 5580	1	1	100.00	Detected
Type 5 #16 5580	1	1	100.00	Detected
Type 5 #17 5577	1	0	0.00	Not Detected
Type 5 #18 5576	1	1	100.00	Detected
Type 5 #19 5579	1	0	0.00	Not Detected
Type 5 #20 5578	1	1	100.00	Detected
Type 5 #21 5574	1	1	100.00	Detected
Type 5 #22 5584	1	1	100.00	Detected
Type 5 #23 5582	1	1	100.00	Detected
Type 5 #24 5573	1	1	100.00	Detected
Type 5 #25 5577	1	1	100.00	Detected
Type 5 #26 5587	1	1	100.00	Detected
Type 5 #27 5586	1	1	100.00	Detected
Type 5 #28 5586	1	1	100.00	Detected
Type 5 #29 5584	1	1	100.00	Detected
Type 5 #30 5587	1	1	100.00	Detected
Aggregate:	30	28	93.33	Pass

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Equipment Configuration for Radar Type 6

Variant:	802.11a	Duty Cycle (%):	17.00
Data Rate:	6 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5580.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	0	0.00	Not Detected
Type 6 #2	1	1	100.00	Detected
Type 6 #3	1	1	100.00	Detected
Type 6 #4	1	1	100.00	Detected
Type 6 #5	1	1	100.00	Detected
Type 6 #6	1	1	100.00	Detected
Type 6 #7	1	1	100.00	Detected
Type 6 #8	1	1	100.00	Detected
Type 6 #9	1	1	100.00	Detected
Type 6 #10	1	1	100.00	Detected
Type 6 #11	1	1	100.00	Detected
Type 6 #12	1	1	100.00	Detected
Type 6 #13	1	1	100.00	Detected
Type 6 #14	1	1	100.00	Detected
Type 6 #15	1	1	100.00	Detected
Type 6 #16	1	1	100.00	Detected
Type 6 #17	1	1	100.00	Detected
Type 6 #18	1	1	100.00	Detected
Type 6 #19	1	1	100.00	Detected
Type 6 #20	1	0	0.00	Not Detected
Type 6 #21	1	1	100.00	Detected
Type 6 #22	1	1	100.00	Detected
Type 6 #23	1	1	100.00	Detected
Type 6 #24	1	1	100.00	Detected
Type 6 #25	1	1	100.00	Detected
Type 6 #26	1	1	100.00	Detected
Type 6 #27	1	1	100.00	Detected
Type 6 #28	1	1	100.00	Detected
Type 6 #29	1	1	100.00	Detected
Type 6 #30	1	1	100.00	Detected
Aggregate:	30	28	93.33	Pass

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Equipment Configuration for Radar Type 1

Variant:	802.11ac-160	Duty Cycle (%):	19.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5570.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5598	1	718	74	1	1	100.00	Detected
5501	1	558	95	1	1	100.00	Detected
5583	1	798	67	1	1	100.00	Detected
5519	1	598	89	1	1	100.00	Detected
5648	1	578	92	1	0	0.00	Not Detected
5520	1	878	61	1	1	100.00	Detected
5504	1	778	68	1	1	100.00	Detected
5500	1	3066	18	1	1	100.00	Detected
5542	1	758	70	1	1	100.00	Detected
5591	1	818	65	1	1	100.00	Detected
5496	1	638	83	1	0	0.00	Not Detected
5542	1	738	72	1	1	100.00	Detected
5636	1	678	78	1	1	100.00	Detected
5603	1	838	63	1	1	100.00	Detected
5517	1	938	57	1	1	100.00	Detected
5617	1	898	59	1	1	100.00	Detected
5539	1	1382	39	1	1	100.00	Detected
5619	1	2588	21	1	1	100.00	Detected
5599	1	2841	19	1	1	100.00	Detected
5491	1	3033	18	1	0	0.00	Not Detected
5641	1	2518	21	1	1	100.00	Detected
5521	1	2434	22	1	1	100.00	Detected
5640	1	2963	18	1	1	100.00	Detected
5630	1	2260	24	1	1	100.00	Detected
5634	1	2522	21	1	1	100.00	Detected
5504	1	2291	24	1	1	100.00	Detected
5623	1	1780	30	1	1	100.00	Detected
5645	1	1651	32	1	1	100.00	Detected
5509	1	2065	26	1	1	100.00	Detected
5515	1	1127	47	1	1	100.00	Detected
Aggregate:				30	27	90.00	Pass

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Equipment Configuration for Radar Type 2

Variant:	802.11ac-160	Duty Cycle (%):	19.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5570.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5626	4	226	23	1	1	100.00	Detected
5533	2	185	28	1	1	100.00	Detected
5602	2	174	25	1	1	100.00	Detected
5574	4	201	24	1	1	100.00	Detected
5497	3	192	29	1	0	0.00	Not Detected
5564	1	200	25	1	1	100.00	Detected
5621	1	151	28	1	1	100.00	Detected
5549	2	206	23	1	1	100.00	Detected
5611	4	160	25	1	1	100.00	Detected
5623	1	189	27	1	1	100.00	Detected
5574	1	229	27	1	1	100.00	Detected
5567	4	163	24	1	1	100.00	Detected
5628	4	182	26	1	1	100.00	Detected
5504	2	213	28	1	1	100.00	Detected
5495	3	171	24	1	0	0.00	Not Detected
5540	4	180	25	1	1	100.00	Detected
5578	2	203	28	1	1	100.00	Detected
5571	2	183	29	1	1	100.00	Detected
5504	5	184	25	1	1	100.00	Detected
5496	5	222	24	1	1	100.00	Detected
5638	5	226	27	1	1	100.00	Detected
5643	1	230	26	1	1	100.00	Detected
5648	2	171	24	1	1	100.00	Detected
5626	2	173	29	1	1	100.00	Detected
5611	4	158	24	1	1	100.00	Detected
5493	3	205	26	1	0	0.00	Not Detected
5540	3	186	24	1	1	100.00	Detected
5613	3	214	23	1	1	100.00	Detected
5598	1	169	26	1	1	100.00	Detected
5599	4	180	25	1	0	0.00	Not Detected
Aggregate:				30	26	86.67	Pass

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Equipment Configuration for Radar Type 3

Variant:	802.11ac-160	Duty Cycle (%):	19.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5570.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5528	6	433	16	1	1	100.00	Detected
5502	6	222	18	1	1	100.00	Detected
5590	8	370	17	1	1	100.00	Detected
5628	9	239	17	1	1	100.00	Detected
5515	8	298	17	1	1	100.00	Detected
5601	10	436	17	1	1	100.00	Detected
5571	7	377	18	1	1	100.00	Detected
5503	10	264	16	1	0	0.00	Not Detected
5535	9	206	18	1	1	100.00	Detected
5591	8	334	16	1	1	100.00	Detected
5555	9	365	16	1	1	100.00	Detected
5632	8	256	16	1	0	0.00	Not Detected
5647	9	299	16	1	1	100.00	Detected
5556	10	410	17	1	1	100.00	Detected
5540	7	410	18	1	1	100.00	Detected
5579	7	406	18	1	1	100.00	Detected
5541	8	231	16	1	1	100.00	Detected
5588	7	468	18	1	1	100.00	Detected
5645	6	224	16	1	0	0.00	Not Detected
5533	8	394	16	1	1	100.00	Detected
5494	8	428	17	1	0	0.00	Not Detected
5567	10	383	17	1	1	100.00	Detected
5491	9	381	17	1	0	0.00	Not Detected
5614	8	382	16	1	1	100.00	Detected
5491	9	477	17	1	0	0.00	Not Detected
5539	6	329	18	1	1	100.00	Detected
5621	9	286	16	1	1	100.00	Detected
5619	9	244	18	1	1	100.00	Detected
5585	9	454	16	1	1	100.00	Detected
5582	7	299	17	1	1	100.00	Detected
Aggregate:				30	24	80.00	Pass

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Equipment Configuration for Radar Type 4

Variant:	802.11ac-160	Duty Cycle (%):	19.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5570.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5639	18	246	12	1	1	100.00	Detected
5587	16	470	13	1	1	100.00	Detected
5579	11	202	14	1	1	100.00	Detected
5590	14	436	16	1	1	100.00	Detected
5509	20	364	16	1	1	100.00	Detected
5596	14	376	13	1	0	0.00	Not Detected
5563	19	438	12	1	1	100.00	Detected
5608	16	348	15	1	0	0.00	Not Detected
5555	16	321	14	1	1	100.00	Detected
5629	15	248	13	1	1	100.00	Detected
5610	19	408	15	1	1	100.00	Detected
5599	17	241	13	1	1	100.00	Detected
5620	19	469	14	1	1	100.00	Detected
5613	16	409	14	1	1	100.00	Detected
5510	19	366	15	1	1	100.00	Detected
5603	18	396	16	1	1	100.00	Detected
5573	14	239	12	1	1	100.00	Detected
5633	12	236	15	1	1	100.00	Detected
5622	13	221	15	1	1	100.00	Detected
5597	18	389	16	1	1	100.00	Detected
5602	16	307	16	1	1	100.00	Detected
5602	20	474	16	1	1	100.00	Detected
5628	19	343	12	1	0	0.00	Not Detected
5628	14	382	12	1	0	0.00	Not Detected
5529	18	284	13	1	1	100.00	Detected
5568	11	318	15	1	1	100.00	Detected
5607	12	427	14	1	1	100.00	Detected
5559	20	471	13	1	1	100.00	Detected
5524	18	220	13	1	1	100.00	Detected
5550	18	278	15	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass

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Equipment Configuration for Radar Type 5

Variant:	802.11ac-160	Duty Cycle (%):	19.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5570.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5570	1	1	100.00	Detected
Type 5 #2 5644	1	1	100.00	Detected
Type 5 #3 5642	1	1	100.00	Detected
Type 5 #4 5645	1	1	100.00	Detected
Type 5 #5 5570	1	1	100.00	Detected
Type 5 #6 5494	1	1	100.00	Detected
Type 5 #7 5646	1	1	100.00	Detected
Type 5 #8 5645	1	1	100.00	Detected
Type 5 #9 5646	1	1	100.00	Detected
Type 5 #10 5643	1	1	100.00	Detected
Type 5 #11 5498	1	1	100.00	Detected
Type 5 #12 5498	1	0	0.00	Not Detected
Type 5 #13 5570	1	1	100.00	Detected
Type 5 #14 5494	1	1	100.00	Detected
Type 5 #15 5495	1	1	100.00	Detected
Type 5 #16 5645	1	1	100.00	Detected
Type 5 #17 5499	1	1	100.00	Detected
Type 5 #18 5570	1	1	100.00	Detected
Type 5 #19 5570	1	1	100.00	Detected
Type 5 #20 5647	1	1	100.00	Detected
Type 5 #21 5570	1	1	100.00	Detected
Type 5 #22 5498	1	0	0.00	Not Detected
Type 5 #23 5498	1	1	100.00	Detected
Type 5 #24 5645	1	1	100.00	Detected
Type 5 #25 5570	1	1	100.00	Detected
Type 5 #26 5570	1	1	100.00	Detected
Type 5 #27 5493	1	1	100.00	Detected
Type 5 #28 5570	1	1	100.00	Detected
Type 5 #29 5496	1	1	100.00	Detected
Type 5 #30 5570	1	1	100.00	Detected
Aggregate:	30	28	93.33	Pass

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Equipment Configuration for Radar Type 6

Variant:	802.11ac-160	Duty Cycle (%):	19.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5570.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

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

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Equipment Configuration for Radar Type 1

Variant:	802.11ac-80	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5610.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5606	1	678	78	1	1	100.00	Detected
5644	1	658	81	1	1	100.00	Detected
5640	1	718	74	1	1	100.00	Detected
5618	1	3066	18	1	1	100.00	Detected
5624	1	758	70	1	1	100.00	Detected
5575	1	798	67	1	0	0.00	Not Detected
5617	1	778	68	1	1	100.00	Detected
5593	1	538	99	1	1	100.00	Detected
5637	1	878	61	1	1	100.00	Detected
5578	1	918	58	1	1	100.00	Detected
5632	1	938	57	1	1	100.00	Detected
5585	1	698	76	1	1	100.00	Detected
5602	1	898	59	1	1	100.00	Detected
5607	1	818	65	1	1	100.00	Detected
5596	1	598	89	1	1	100.00	Detected
5584	1	558	95	1	1	100.00	Detected
5640	1	2842	19	1	1	100.00	Detected
5610	1	1753	31	1	1	100.00	Detected
5593	1	1903	28	1	1	100.00	Detected
5637	1	3030	18	1	1	100.00	Detected
5594	1	2547	21	1	1	100.00	Detected
5584	1	2673	20	1	1	100.00	Detected
5634	1	1899	28	1	1	100.00	Detected
5579	1	1827	29	1	1	100.00	Detected
5630	1	1844	29	1	1	100.00	Detected
5608	1	3001	18	1	1	100.00	Detected
5641	1	1058	50	1	1	100.00	Detected
5585	1	1854	29	1	1	100.00	Detected
5581	1	1580	34	1	1	100.00	Detected
5642	1	2964	18	1	1	100.00	Detected
Aggregate:				30	29	96.67	Pass

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Equipment Configuration for Radar Type 2

Variant:	802.11ac-80	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5610.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5644	5	202	25	1	1	100.00	Detected
5593	5	206	27	1	1	100.00	Detected
5574	4	212	25	1	0	0.00	Not Detected
5644	1	194	29	1	1	100.00	Detected
5629	2	207	28	1	1	100.00	Detected
5635	5	228	28	1	1	100.00	Detected
5637	1	165	27	1	1	100.00	Detected
5628	5	178	29	1	1	100.00	Detected
5620	5	154	25	1	1	100.00	Detected
5582	5	195	28	1	1	100.00	Detected
5637	3	187	29	1	1	100.00	Detected
5630	1	153	28	1	1	100.00	Detected
5623	1	213	28	1	1	100.00	Detected
5626	1	161	29	1	0	0.00	Not Detected
5642	5	191	23	1	1	100.00	Detected
5632	1	226	23	1	1	100.00	Detected
5605	5	203	23	1	1	100.00	Detected
5574	1	217	29	1	0	0.00	Not Detected
5632	5	150	25	1	1	100.00	Detected
5609	1	153	27	1	1	100.00	Detected
5583	2	150	26	1	1	100.00	Detected
5586	3	162	27	1	1	100.00	Detected
5629	1	191	25	1	1	100.00	Detected
5595	3	154	28	1	1	100.00	Detected
5609	2	191	28	1	1	100.00	Detected
5612	5	210	26	1	1	100.00	Detected
5599	5	151	28	1	1	100.00	Detected
5575	4	189	29	1	0	0.00	Not Detected
5634	5	224	25	1	1	100.00	Detected
5572	3	220	29	1	0	0.00	Not Detected
Aggregate:				30	25	83.33	Pass

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Equipment Configuration for Radar Type 3

Variant:	802.11ac-80	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5610.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5629	6	291	18	1	1	100.00	Detected
5620	8	382	16	1	1	100.00	Detected
5636	6	472	16	1	1	100.00	Detected
5611	6	238	16	1	1	100.00	Detected
5622	8	251	17	1	1	100.00	Detected
5614	7	355	18	1	1	100.00	Detected
5618	9	344	17	1	1	100.00	Detected
5615	9	439	16	1	1	100.00	Detected
5612	9	231	17	1	1	100.00	Detected
5625	9	472	18	1	1	100.00	Detected
5590	9	200	18	1	1	100.00	Detected
5638	7	312	17	1	1	100.00	Detected
5628	9	422	17	1	1	100.00	Detected
5590	8	298	17	1	1	100.00	Detected
5616	7	310	18	1	1	100.00	Detected
5576	6	420	16	1	0	0.00	Not Detected
5602	10	373	18	1	1	100.00	Detected
5578	9	345	18	1	1	100.00	Detected
5616	7	225	18	1	1	100.00	Detected
5597	9	242	16	1	1	100.00	Detected
5591	10	418	18	1	1	100.00	Detected
5643	7	450	18	1	1	100.00	Detected
5594	9	459	17	1	1	100.00	Detected
5604	10	424	16	1	0	0.00	Not Detected
5649	10	342	16	1	1	100.00	Detected
5635	8	357	16	1	1	100.00	Detected
5592	10	490	18	1	1	100.00	Detected
5606	8	224	18	1	1	100.00	Detected
5584	6	422	16	1	1	100.00	Detected
5604	10	273	16	1	1	100.00	Detected
Aggregate:				30	28	93.33	Pass

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Equipment Configuration for Radar Type 4

Variant:	802.11ac-80	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5610.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5571	16	375	13	1	0	0.00	Not Detected
5636	12	334	15	1	1	100.00	Detected
5619	20	452	14	1	1	100.00	Detected
5584	12	319	15	1	1	100.00	Detected
5598	17	358	12	1	1	100.00	Detected
5594	20	362	16	1	1	100.00	Detected
5619	20	259	13	1	1	100.00	Detected
5584	16	402	12	1	1	100.00	Detected
5617	14	204	13	1	0	0.00	Not Detected
5642	12	262	12	1	1	100.00	Detected
5604	13	280	14	1	1	100.00	Detected
5623	16	425	12	1	1	100.00	Detected
5631	20	458	15	1	1	100.00	Detected
5603	12	454	12	1	1	100.00	Detected
5574	18	436	16	1	0	0.00	Not Detected
5643	12	348	12	1	1	100.00	Detected
5595	18	471	16	1	1	100.00	Detected
5579	12	458	13	1	1	100.00	Detected
5609	14	386	16	1	1	100.00	Detected
5624	11	242	12	1	0	0.00	Not Detected
5585	12	350	12	1	1	100.00	Detected
5625	20	396	13	1	1	100.00	Detected
5609	20	252	12	1	1	100.00	Detected
5597	14	276	13	1	1	100.00	Detected
5634	13	245	16	1	1	100.00	Detected
5625	20	484	14	1	1	100.00	Detected
5580	17	276	12	1	1	100.00	Detected
5616	19	311	16	1	1	100.00	Detected
5621	18	411	15	1	1	100.00	Detected
5625	13	313	13	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass

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Equipment Configuration for Radar Type 5

Variant:	802.11ac-80	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5610.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5578	1	1	100.00	Detected
Type 5 #2 5646	1	1	100.00	Detected
Type 5 #3 5575	1	1	100.00	Detected
Type 5 #4 5610	1	1	100.00	Detected
Type 5 #5 5578	1	1	100.00	Detected
Type 5 #6 5610	1	1	100.00	Detected
Type 5 #7 5641	1	1	100.00	Detected
Type 5 #8 5646	1	1	100.00	Detected
Type 5 #9 5610	1	1	100.00	Detected
Type 5 #10 5645	1	1	100.00	Detected
Type 5 #11 5577	1	0	0.00	Not Detected
Type 5 #12 5647	1	1	100.00	Detected
Type 5 #13 5578	1	1	100.00	Detected
Type 5 #14 5576	1	1	100.00	Detected
Type 5 #15 5642	1	1	100.00	Detected
Type 5 #16 5641	1	1	100.00	Detected
Type 5 #17 5645	1	1	100.00	Detected
Type 5 #18 5610	1	1	100.00	Detected
Type 5 #19 5573	1	1	100.00	Detected
Type 5 #20 5610	1	1	100.00	Detected
Type 5 #21 5573	1	1	100.00	Detected
Type 5 #22 5610	1	1	100.00	Detected
Type 5 #23 5610	1	1	100.00	Detected
Type 5 #24 5610	1	1	100.00	Detected
Type 5 #25 5579	1	0	0.00	Not Detected
Type 5 #26 5610	1	1	100.00	Detected
Type 5 #27 5643	1	1	100.00	Detected
Type 5 #28 5610	1	1	100.00	Detected
Type 5 #29 5577	1	1	100.00	Detected
Type 5 #30 5645	1	1	100.00	Detected
Aggregate:	30	28	93.33	Pass

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Equipment Configuration for Radar Type 6

Variant:	802.11ac-80	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5610.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

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

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Equipment Configuration for Radar Type 1

Variant:	802.11n HT-40	Duty Cycle (%):	17.00
Data Rate:	18 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5590.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5584	1	838	63	1	1	100.00	Detected
5575	1	3066	18	1	1	100.00	Detected
5570	1	658	81	1	0	0.00	Not Detected
5589	1	538	99	1	1	100.00	Detected
5595	1	558	95	1	1	100.00	Detected
5589	1	778	68	1	1	100.00	Detected
5587	1	898	59	1	1	100.00	Detected
5588	1	818	65	1	1	100.00	Detected
5583	1	618	86	1	1	100.00	Detected
5591	1	678	78	1	1	100.00	Detected
5582	1	578	92	1	1	100.00	Detected
5597	1	738	72	1	1	100.00	Detected
5602	1	638	83	1	1	100.00	Detected
5608	1	938	57	1	1	100.00	Detected
5600	1	918	58	1	1	100.00	Detected
5610	1	858	62	1	1	100.00	Detected
5583	1	2396	23	1	1	100.00	Detected
5570	1	3010	18	1	1	100.00	Detected
5572	1	2222	24	1	0	0.00	Not Detected
5570	1	1722	31	1	1	100.00	Detected
5606	1	989	54	1	1	100.00	Detected
5576	1	2208	24	1	1	100.00	Detected
5584	1	1792	30	1	1	100.00	Detected
5595	1	2011	27	1	1	100.00	Detected
5602	1	1109	48	1	1	100.00	Detected
5592	1	2714	20	1	0	0.00	Not Detected
5582	1	1275	42	1	1	100.00	Detected
5573	1	1286	42	1	1	100.00	Detected
5571	1	2230	24	1	1	100.00	Detected
5578	1	2806	19	1	1	100.00	Detected
Aggregate:				30	27	90.00	Pass

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Equipment Configuration for Radar Type 2

Variant:	802.11n HT-40	Duty Cycle (%):	17.00
Data Rate:	18 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5590.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5585	3	173	27	1	1	100.00	Detected
5572	4	165	27	1	0	0.00	Not Detected
5605	3	201	27	1	1	100.00	Detected
5578	1	182	23	1	0	0.00	Not Detected
5606	1	157	24	1	1	100.00	Detected
5590	2	164	26	1	1	100.00	Detected
5586	1	186	23	1	1	100.00	Detected
5596	4	225	25	1	0	0.00	Not Detected
5589	1	157	25	1	1	100.00	Detected
5606	3	199	27	1	1	100.00	Detected
5582	5	209	25	1	1	100.00	Detected
5594	5	203	24	1	1	100.00	Detected
5606	5	183	23	1	1	100.00	Detected
5593	5	182	23	1	1	100.00	Detected
5583	4	172	29	1	1	100.00	Detected
5580	1	154	24	1	1	100.00	Detected
5591	2	166	23	1	1	100.00	Detected
5609	1	169	25	1	1	100.00	Detected
5586	3	229	26	1	1	100.00	Detected
5595	5	223	26	1	1	100.00	Detected
5589	1	161	27	1	1	100.00	Detected
5582	5	216	26	1	1	100.00	Detected
5598	1	153	23	1	0	0.00	Not Detected
5578	4	180	24	1	0	0.00	Not Detected
5606	3	215	25	1	0	0.00	Not Detected
5598	3	174	29	1	1	100.00	Detected
5599	1	200	23	1	1	100.00	Detected
5608	5	180	26	1	1	100.00	Detected
5606	4	187	23	1	1	100.00	Detected
5570	2	218	27	1	0	0.00	Not Detected
Aggregate:				30	23	76.67	Pass

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Equipment Configuration for Radar Type 3

Variant:	802.11n HT-40	Duty Cycle (%):	17.00
Data Rate:	18 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5590.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5587	9	317	18	1	1	100.00	Detected
5590	6	256	18	1	1	100.00	Detected
5572	10	405	16	1	0	0.00	Not Detected
5571	8	444	18	1	1	100.00	Detected
5606	7	485	16	1	1	100.00	Detected
5581	9	381	18	1	1	100.00	Detected
5598	8	265	17	1	1	100.00	Detected
5578	7	239	17	1	0	0.00	Not Detected
5600	6	481	16	1	1	100.00	Detected
5577	8	471	17	1	0	0.00	Not Detected
5603	10	220	16	1	1	100.00	Detected
5576	7	336	16	1	1	100.00	Detected
5609	8	258	18	1	1	100.00	Detected
5587	8	299	18	1	1	100.00	Detected
5572	8	256	17	1	1	100.00	Detected
5607	9	350	18	1	1	100.00	Detected
5598	6	293	18	1	1	100.00	Detected
5595	9	419	17	1	1	100.00	Detected
5584	7	337	17	1	1	100.00	Detected
5595	8	409	17	1	1	100.00	Detected
5574	10	341	17	1	0	0.00	Not Detected
5574	7	220	16	1	1	100.00	Detected
5605	6	495	17	1	1	100.00	Detected
5579	8	398	16	1	1	100.00	Detected
5586	7	320	18	1	1	100.00	Detected
5570	9	413	16	1	1	100.00	Detected
5604	9	317	16	1	1	100.00	Detected
5574	10	238	17	1	1	100.00	Detected
5604	10	296	16	1	1	100.00	Detected
5581	10	399	16	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass

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Equipment Configuration for Radar Type 4

Variant:	802.11n HT-40	Duty Cycle (%):	17.00
Data Rate:	18 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5590.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5574	12	495	14	1	0	0.00	Not Detected
5602	11	266	16	1	1	100.00	Detected
5599	14	492	13	1	1	100.00	Detected
5574	18	302	14	1	1	100.00	Detected
5577	13	448	13	1	0	0.00	Not Detected
5590	11	221	16	1	1	100.00	Detected
5572	15	444	14	1	0	0.00	Not Detected
5576	17	438	14	1	1	100.00	Detected
5596	11	460	16	1	1	100.00	Detected
5515	13	318	15	1	1	100.00	Detected
5591	16	306	15	1	1	100.00	Detected
5590	19	335	12	1	1	100.00	Detected
5599	19	456	12	1	1	100.00	Detected
5570	13	299	12	1	1	100.00	Detected
5572	11	306	13	1	0	0.00	Not Detected
5591	19	415	12	1	1	100.00	Detected
5594	15	401	12	1	1	100.00	Detected
5604	15	457	16	1	1	100.00	Detected
5606	11	456	14	1	1	100.00	Detected
5596	14	478	13	1	1	100.00	Detected
5590	17	479	13	1	1	100.00	Detected
5601	18	363	13	1	1	100.00	Detected
5600	18	447	14	1	1	100.00	Detected
5608	11	341	15	1	1	100.00	Detected
5602	13	240	14	1	0	0.00	Not Detected
5576	15	279	12	1	1	100.00	Detected
5590	20	233	16	1	1	100.00	Detected
5598	19	338	15	1	1	100.00	Detected
5575	12	315	14	1	1	100.00	Detected
5606	14	292	15	1	1	100.00	Detected
Aggregate:				30	26	86.67	Pass

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Equipment Configuration for Radar Type 5

Variant:	802.11n HT-40	Duty Cycle (%):	17.00
Data Rate:	18 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5590.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5604	1	1	100.00	Detected
Type 5 #2 5590	1	1	100.00	Detected
Type 5 #3 5604	1	1	100.00	Detected
Type 5 #4 5590	1	1	100.00	Detected
Type 5 #5 5503	1	1	100.00	Detected
Type 5 #6 5604	1	1	100.00	Detected
Type 5 #7 5590	1	1	100.00	Detected
Type 5 #8 5604	1	1	100.00	Detected
Type 5 #9 5573	1	0	0.00	Not Detected
Type 5 #10 5573	1	0	0.00	Not Detected
Type 5 #11 5590	1	1	100.00	Detected
Type 5 #12 5590	1	1	100.00	Detected
Type 5 #13 5590	1	1	100.00	Detected
Type 5 #14 5602	1	1	100.00	Detected
Type 5 #15 5590	1	1	100.00	Detected
Type 5 #16 5606	1	1	100.00	Detected
Type 5 #17 5578	1	0	0.00	Not Detected
Type 5 #18 5603	1	1	100.00	Detected
Type 5 #19 5574	1	1	100.00	Detected
Type 5 #20 5590	1	1	100.00	Detected
Type 5 #21 5590	1	1	100.00	Detected
Type 5 #22 5590	1	1	100.00	Detected
Type 5 #23 5607	1	1	100.00	Detected
Type 5 #24 5578	1	1	100.00	Detected
Type 5 #25 5607	1	1	100.00	Detected
Type 5 #26 5574	1	1	100.00	Detected
Type 5 #27 5574	1	1	100.00	Detected
Type 5 #28 5576	1	0	0.00	Not Detected
Type 5 #29 5573	1	0	0.00	Not Detected
Type 5 #30 5576	1	0	0.00	Not Detected
Aggregate:	30	24	80.00	Pass

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Equipment Configuration for Radar Type 6

Variant:	802.11n HT-40	Duty Cycle (%):	17.00
Data Rate:	18 MBit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5590.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

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

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10.1.5. 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 (%):	17.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5580.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5595 MHz	2	0	Not Detected
5591 MHz	2	0	Not Detected
5590 MHz	10	10	Detected
5585 MHz	10	10	Detected
5580 MHz	10	10	Detected
5575 MHz	10	10	Detected
5570 MHz	10	10	Detected
5569 MHz	2	0	Not Detected
5565 MHz	2	0	Not Detected
FH = 5590 MHz	FL = 5570 MHz	FH – FL = 20 MHz	Pass

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Equipment Configuration for Detection Bandwidth

Variant:	802.11ac-160	Duty Cycle (%):	19.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5570.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

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

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5495 MHz	10	10	Detected
5490 MHz	10	10	Detected
5489 MHz	2	0	Not Detected
5485 MHz	2	0	Not Detected
FH = 5650 MHz	FL = 5490 MHz	FH – FL = 160 MHz	Pass

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Equipment Configuration for Detection Bandwidth

Variant:	802.11ac-80	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5610.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5655 MHz	2	0	Not Detected
5651 MHz	2	0	Not Detected
5650 MHz	10	10	Detected
5645 MHz	10	10	Detected
5640 MHz	10	10	Detected
5635 MHz	10	10	Detected
5230 MHz	10	10	Detected
5625 MHz	10	10	Detected
5620 MHz	10	10	Detected
5615 MHz	10	10	Detected
5610 MHz	10	10	Detected
5605 MHz	10	10	Detected
5600 MHz	10	10	Detected
5595 MHz	10	10	Detected
5590 MHz	10	10	Detected
5585 MHz	10	10	Detected
5580 MHz	10	10	Detected
5575 MHz	10	10	Detected
5570 MHz	10	10	Detected
5569 MHz	2	0	Not Detected
5565 MHz	2	0	Not Detected
FH = 5650 MHz	FL = 5570 MHz	FH - FL = 80 MHz	Pass

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Equipment Configuration for Detection Bandwidth

Variant:	802.11n HT-40	Duty Cycle (%):	17.00
Data Rate:	MCS0	Antenna Gain (dBi):	3.49
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5590.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5615 MHz	2	0	Not Detected
5611 MHz	2	0	Not Detected
5610 MHz	10	10	Detected
5605 MHz	10	10	Detected
5600 MHz	10	10	Detected
5595 MHz	10	10	Detected
5590 MHz	10	10	Detected
5585 MHz	10	10	Detected
5580 MHz	10	10	Detected
5575 MHz	10	10	Detected
5570 MHz	10	10	Detected
5569 MHz	2	0	Not Detected
5565 MHz	2	0	Not Detected
FH = 5610 MHz	FL = 5570 MHz	FH – FL = 40 MHz	Pass

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A. APPENDIX - RADAR SIGNATURES

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Type 5 #1 5583 [Back to Summary]

Burst 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	1309972	81	1046	1847	20225	1333333
2	3	15	397722	90	1479	1119	932743	1333333
3	3	15	847832	75	1365	1238	482673	1333333
4	3	15	24376	56	1716	1422	1305651	1333333
5	2	15	1283765	63	1018	0	48424	1333333
6	2	15	846969	87	1837	0	484353	1333333
7	2	15	788823	67	1883	0	542493	1333333
8	3	15	639479	65	1248	1621	690790	1333333
9	3	15	292149	61	1736	1563	1037702	1333333

Type 5 #2 5580 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	17	828138	69	0	0	28935	857142
2	2	17	291257	92	1895	0	563806	857142
3	1	17	12231	65	0	0	844846	857142
4	2	17	697280	60	1044	0	158698	857142
5	2	17	459276	90	1325	0	396361	857142
6	1	17	282064	64	0	0	575014	857142
7	2	17	588312	53	1580	0	267144	857142
8	1	17	730696	78	0	0	126368	857142
9	2	17	622621	92	1669	0	232668	857142
10	1	17	789323	57	0	0	67762	857142
11	3	17	141456	77	1279	1021	713155	857142
12	1	17	409333	74	0	0	447735	857142
13	2	17	748099	93	1110	0	107747	857142
14	2	17	605184	76	1314	0	250492	857142

Type 5 #3 5580 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	73963	57	0	0	925980	1000000
2	1	14	127682	70	0	0	872248	1000000
3	2	14	446543	61	1048	0	552287	1000000
4	2	14	72709	56	1205	0	925974	1000000
5	2	14	795821	50	1325	0	202754	1000000
6	3	14	301171	60	1789	1380	695480	1000000

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7	1	14	675272	54	0	0	324674	1000000
8	1	14	438391	95	0	0	561514	1000000
9	2	14	982981	62	1091	0	15804	1000000
10	1	14	186009	83	0	0	813908	1000000
11	3	14	391385	67	1583	1412	605419	1000000
12	1	14	118322	67	0	0	881611	1000000

Type 5 #4 5580 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	11	649891	59	1137	1269	847526	1500000
2	2	11	1227793	54	1767	0	270332	1500000
3	1	11	1296264	89	0	0	203647	1500000
4	1	11	1381406	74	0	0	118520	1500000
5	1	11	73515	82	0	0	1426403	1500000
6	3	11	1024304	82	1334	1728	472388	1500000
7	1	11	110863	86	0	0	1389051	1500000
8	3	11	773569	58	1093	1515	723649	1500000

Type 5 #5 5580 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	14	696905	78	1943	1254	390573	1090909
2	3	14	152315	76	1983	1756	934627	1090909
3	2	14	797074	81	1335	0	292338	1090909
4	2	14	218551	72	1203	0	871011	1090909
5	3	14	539291	59	1770	1629	548042	1090909
6	2	14	879849	60	1143	0	209797	1090909
7	1	14	857986	90	0	0	232833	1090909
8	2	14	334024	74	1680	0	755057	1090909
9	1	14	1041330	54	0	0	49525	1090909
10	1	14	796206	78	0	0	294625	1090909
11	1	14	42908	54	0	0	1047947	1090909

Type 5 #6 5583 [Back to Summary]

Burst 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	525356	68	1027	0	330623	857142
2	3	14	786925	67	1328	1836	66852	857142
3	1	14	302197	97	0	0	554848	857142
4	3	14	479099	55	1850	1964	374064	857142

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5	3	14	38831	66	1757	1103	815253	857142
6	3	14	37432	77	1127	1137	817215	857142
7	3	14	403592	67	1482	1278	450589	857142
8	2	14	525970	81	1741	0	329269	857142
9	3	14	755693	95	1157	1432	98575	857142
10	2	14	13049	89	1796	0	842119	857142
11	2	14	475544	52	1271	0	380223	857142
12	2	14	368059	78	1786	0	487141	857142
13	3	14	354546	58	1025	1429	499968	857142
14	3	14	17504	69	1434	1196	836801	857142

Type 5 #7 5587 [Back to Summary]

Burst 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	300351	79	1356	0	498135	800000
2	3	6	732757	87	1427	1007	64548	800000
3	3	6	730925	52	1955	1012	65952	800000
4	3	6	602664	56	1003	1818	194347	800000
5	2	6	463676	68	1472	0	334716	800000
6	2	6	26485	66	1470	0	771913	800000
7	2	6	529230	56	1132	0	269526	800000
8	3	6	125996	57	1691	1443	670699	800000
9	2	6	6623	78	1142	0	792079	800000
10	2	6	488297	51	1464	0	310137	800000
11	1	6	764875	59	0	0	35066	800000
12	3	6	545772	96	1692	1158	251090	800000
13	1	6	455298	63	0	0	344639	800000
14	3	6	795490	94	1111	1254	1863	800000
15	1	6	478108	69	0	0	321823	800000

Type 5 #8 5580 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	339087	50	0	0	460863	800000
2	1	18	95334	97	0	0	704569	800000
3	3	18	576828	94	1445	1533	219912	800000
4	3	18	102475	60	1702	1574	694069	800000
5	2	18	238218	89	1507	0	560097	800000
6	3	18	458483	56	1225	1012	339112	800000
7	2	18	129625	79	1235	0	668982	800000
8	2	18	455503	71	1344	0	343011	800000
9	3	18	3279	73	1078	1550	793874	800000

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10	2	18	603628	80	1743	0	194469	800000
11	1	18	411737	72	0	0	388191	800000
12	2	18	645837	55	1125	0	152928	800000
13	1	18	244501	55	0	0	555444	800000
14	1	18	264513	98	0	0	535389	800000
15	3	18	446601	91	1275	1230	350621	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	19	57487	81	1269	1954	796189	857142
2	1	19	569654	90	0	0	287398	857142
3	1	19	73392	65	0	0	783685	857142
4	2	19	399918	95	1733	0	455301	857142
5	3	19	712114	94	1009	1779	141958	857142
6	2	19	170477	57	1884	0	684667	857142
7	1	19	387431	95	0	0	469616	857142
8	1	19	667238	73	0	0	189831	857142
9	2	19	386726	50	1804	0	468512	857142
10	1	19	190315	78	0	0	666749	857142
11	1	19	499730	53	0	0	357359	857142
12	2	19	667858	88	1685	0	187423	857142
13	3	19	222184	67	1121	1294	632342	857142
14	3	19	477002	84	1593	1370	376925	857142

Type 5 #10 5576 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	12	670644	77	0	0	420188	1090909
2	2	12	880617	93	1303	0	208803	1090909
3	2	12	1005318	81	1415	0	84014	1090909
4	2	12	714693	62	1629	0	374463	1090909
5	1	12	596122	55	0	0	494732	1090909
6	3	12	1079728	79	1189	1279	8476	1090909
7	1	12	401708	74	0	0	689127	1090909
8	1	12	242750	83	0	0	848076	1090909
9	1	12	1081412	100	0	0	9397	1090909
10	3	12	255718	73	1293	1062	832617	1090909
11	3	12	327295	56	1830	1386	760230	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	1	5	68018	79	0	0	598569	666666
2	3	5	177281	50	1991	1047	486197	666666
3	3	5	134484	50	1403	1500	529129	666666
4	1	5	473755	54	0	0	192857	666666
5	2	5	107557	98	1507	0	557406	666666
6	3	5	113023	96	1326	1273	550756	666666
7	2	5	457422	72	1183	0	207917	666666
8	2	5	47700	86	1706	0	617088	666666
9	1	5	106520	70	0	0	560076	666666
10	3	5	49802	100	1062	1909	613593	666666
11	2	5	144823	87	1076	0	520593	666666
12	1	5	48177	54	0	0	618435	666666
13	1	5	585253	83	0	0	81330	666666
14	1	5	147061	74	0	0	519531	666666
15	3	5	646629	86	1852	1553	16374	666666
16	2	5	255636	63	1550	0	409354	666666
17	2	5	253315	85	1855	0	411326	666666
18	3	5	398388	89	1741	1360	264910	666666

Type 5 #12 5575 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	11	280750	76	1409	0	917689	1200000
2	3	11	8286	69	1203	1041	1189263	1200000
3	3	11	853226	72	1383	1667	343508	1200000
4	2	11	473271	69	1243	0	725348	1200000
5	3	11	100842	66	1739	1219	1096002	1200000
6	1	11	905359	80	0	0	294561	1200000
7	3	11	843464	61	1910	1021	353422	1200000
8	1	11	256689	97	0	0	943214	1200000
9	2	11	1105505	68	1770	0	92589	1200000
10	1	11	651542	97	0	0	548361	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	1	13	47325	98	0	0	552577	600000
2	1	13	450990	55	0	0	148955	600000
3	1	13	284514	99	0	0	315387	600000
4	2	13	271478	74	1008	0	327366	600000
5	3	13	457929	51	1055	1637	139226	600000
6	1	13	328340	77	0	0	271583	600000
7	1	13	513614	79	0	0	86307	600000
8	1	13	302506	98	0	0	297396	600000
9	3	13	535039	55	1850	1181	61765	600000
10	2	13	407529	76	1998	0	190321	600000
11	1	13	427623	53	0	0	172324	600000
12	3	13	321809	58	1123	1906	274988	600000
13	1	13	85884	86	0	0	514030	600000
14	2	13	73141	69	1167	0	525554	600000
15	1	13	586009	76	0	0	13915	600000
16	1	13	353037	69	0	0	246894	600000
17	3	13	350448	58	1028	1035	247315	600000
18	3	13	419207	94	1479	1521	177511	600000
19	3	13	350508	98	1043	1593	246562	600000
20	2	13	303220	65	1038	0	295612	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	237718	64	0	0	962218	1200000
2	2	7	602366	59	1745	0	595771	1200000
3	2	7	103571	56	1696	0	1094621	1200000
4	3	7	576446	65	1052	1438	620869	1200000
5	2	7	360571	50	1662	0	837667	1200000
6	2	7	327021	70	1656	0	871183	1200000
7	3	7	279748	50	1696	1733	916673	1200000
8	2	7	358316	75	1101	0	840433	1200000
9	3	7	910823	73	1175	1252	286531	1200000
10	2	7	526041	82	1144	0	672651	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	3	10	171651	51	1794	1089	575313	750000
2	2	10	524009	56	2000	0	223879	750000
3	2	10	317123	88	1550	0	431151	750000
4	1	10	365174	92	0	0	384734	750000
5	3	10	331226	85	1789	1947	414783	750000
6	2	10	122802	73	1608	0	625444	750000
7	1	10	454402	80	0	0	295518	750000
8	1	10	335190	99	0	0	414711	750000
9	1	10	455300	83	0	0	294617	750000
10	1	10	290378	88	0	0	459534	750000
11	1	10	369785	55	0	0	380160	750000
12	3	10	183678	77	1139	1594	563358	750000
13	3	10	387641	53	1837	1668	358695	750000
14	3	10	707759	69	1395	1027	39612	750000
15	1	10	293757	73	0	0	456170	750000
16	1	10	66234	92	0	0	683674	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	10	431977	77	1432	0	489513	923076
2	2	10	127710	70	1822	0	793404	923076
3	2	10	579901	78	1592	0	341427	923076
4	3	10	766234	68	1973	1832	152833	923076
5	2	10	287085	76	1341	0	634498	923076
6	3	10	717691	55	1670	1650	201900	923076
7	1	10	414118	86	0	0	508872	923076
8	3	10	412404	81	1560	1948	506921	923076
9	2	10	218366	92	1781	0	702745	923076
10	1	10	776995	73	0	0	146008	923076
11	1	10	479340	61	0	0	443675	923076
12	1	10	501595	50	0	0	421431	923076
13	1	10	139824	82	0	0	783170	923076

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	261482	94	0	0	370002	631578
2	3	16	353295	84	1385	1182	275464	631578
3	2	16	584669	53	1965	0	44838	631578
4	3	16	482913	50	1554	1080	145881	631578
5	2	16	199020	93	1084	0	431288	631578
6	1	16	473952	65	0	0	157561	631578
7	3	16	543373	72	1358	1288	85343	631578
8	1	16	325006	82	0	0	306490	631578
9	1	16	335827	97	0	0	295654	631578
10	1	16	399983	54	0	0	231541	631578
11	1	16	174798	83	0	0	456697	631578
12	1	16	471831	84	0	0	159663	631578
13	1	16	359918	82	0	0	271578	631578
14	2	16	385687	54	1318	0	244465	631578
15	1	16	238026	86	0	0	393466	631578
16	1	16	134671	85	0	0	496822	631578
17	2	16	207054	53	1832	0	422586	631578
18	1	16	395487	66	0	0	236025	631578
19	1	16	426694	60	0	0	204824	631578

Type 5 #18 5576 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	410871	89	1097	0	254520	666666
2	2	12	660489	96	1027	0	4958	666666
3	1	12	473864	58	0	0	192744	666666
4	1	12	83180	83	0	0	583403	666666
5	2	12	614004	85	1624	0	50868	666666
6	3	12	540861	50	1114	1267	123274	666666
7	1	12	149555	67	0	0	517044	666666
8	1	12	313250	88	0	0	353328	666666
9	1	12	272512	60	0	0	394094	666666
10	3	12	160620	98	1658	1369	502725	666666
11	3	12	595899	81	1569	1053	67902	666666
12	1	12	569003	92	0	0	97571	666666
13	1	12	84806	51	0	0	581809	666666
14	3	12	623286	60	1325	1646	40229	666666
15	3	12	604784	98	1623	1185	58780	666666

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16	3	12	280730	64	1630	1735	382379	666666
17	1	12	217691	94	0	0	448881	666666
18	1	12	631289	100	0	0	35277	666666

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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	20	13712	79	1423	1779	1182849	1200000
2	3	20	460022	99	1512	1999	736170	1200000
3	2	20	256165	65	1970	0	941735	1200000
4	1	20	1109332	79	0	0	90589	1200000
5	2	20	404558	91	1658	0	793602	1200000
6	2	20	172757	73	1860	0	1025237	1200000
7	1	20	235214	51	0	0	964735	1200000
8	2	20	302574	94	1851	0	895387	1200000
9	2	20	406302	56	1362	0	792224	1200000
10	3	20	210327	77	1839	1976	985627	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	3	17	120269	64	1503	1486	582432	705882
2	3	17	442134	98	1361	1827	260266	705882
3	3	17	556784	68	1094	1335	146465	705882
4	1	17	80462	75	0	0	625345	705882
5	3	17	371784	84	1493	1642	330711	705882
6	1	17	78396	87	0	0	627399	705882
7	2	17	529771	54	1044	0	174959	705882
8	3	17	350421	50	1191	1456	352664	705882
9	3	17	367104	87	1347	1221	335949	705882
10	3	17	313617	94	1273	1818	388892	705882
11	3	17	4142	75	1833	1993	697689	705882
12	1	17	191322	97	0	0	514463	705882
13	3	17	411872	52	1900	1318	290636	705882
14	2	17	659543	89	1076	0	45085	705882
15	2	17	296043	54	1935	0	407796	705882
16	2	17	200037	50	1365	0	504380	705882
17	1	17	249358	65	0	0	456459	705882

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	7	351004	94	1444	0	847364	1200000
2	1	7	98168	75	0	0	1101757	1200000
3	2	7	612855	75	1742	0	585253	1200000
4	1	7	1017958	71	0	0	181971	1200000
5	1	7	669206	83	0	0	530711	1200000
6	3	7	1156145	100	1699	1742	40114	1200000
7	3	7	1104959	84	1444	1223	92122	1200000
8	2	7	1023473	87	1638	0	174715	1200000
9	1	7	340142	93	0	0	859765	1200000
10	2	7	169049	89	1551	0	1029222	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	3	13	471042	96	1141	1456	383215	857142
2	1	13	355379	77	0	0	501686	857142
3	3	13	289768	64	1851	1288	564043	857142
4	3	13	469660	86	1994	1955	383275	857142
5	1	13	127407	64	0	0	729671	857142
6	2	13	555169	55	1689	0	300174	857142
7	1	13	95315	87	0	0	761740	857142
8	2	13	259317	80	1181	0	596484	857142
9	1	13	746122	66	0	0	110954	857142
10	2	13	86933	75	1700	0	768359	857142
11	3	13	628383	56	1311	1148	226132	857142
12	1	13	214678	82	0	0	642382	857142
13	3	13	654168	96	1969	1841	198876	857142
14	3	13	635974	78	1491	1177	218266	857142

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	18	867983	72	1823	1004	52050	923076
2	2	18	784858	57	1188	0	136916	923076
3	3	18	49459	87	1932	1248	870176	923076
4	2	18	878794	64	1103	0	43051	923076
5	1	18	179711	82	0	0	743283	923076

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6	2	18	243995	88	1457	0	677448	923076
7	1	18	503815	61	0	0	419200	923076
8	2	18	242914	54	1964	0	678090	923076
9	2	18	302044	77	1362	0	619516	923076
10	2	18	277512	50	1663	0	643801	923076
11	3	18	693563	100	1758	1302	226153	923076
12	1	18	514882	59	0	0	408135	923076
13	2	18	333711	80	1696	0	587509	923076

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	642602	51	1675	0	446530	1090909
2	2	6	945353	65	1086	0	144340	1090909
3	2	6	492650	57	1730	0	596415	1090909
4	3	6	638994	100	1792	1207	448616	1090909
5	2	6	853167	93	1840	0	235716	1090909
6	2	6	301418	85	1835	0	787486	1090909
7	2	6	794180	100	1789	0	294740	1090909
8	2	6	953790	90	1164	0	135775	1090909
9	1	6	171313	68	0	0	919528	1090909
10	2	6	852207	93	1080	0	237436	1090909
11	3	6	942029	80	1593	1397	145650	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	1	14	612576	96	0	0	53994	666666
2	1	14	483531	98	0	0	183037	666666
3	1	14	207444	59	0	0	459163	666666
4	1	14	204341	65	0	0	462260	666666
5	3	14	35190	64	1933	1423	627928	666666
6	2	14	190163	84	1923	0	474412	666666
7	3	14	37957	78	1793	1374	625308	666666
8	1	14	638216	51	0	0	28399	666666
9	1	14	257430	69	0	0	409167	666666
10	2	14	188175	74	1533	0	476810	666666
11	2	14	101252	60	1696	0	563598	666666
12	1	14	83786	94	0	0	582786	666666
13	1	14	664425	67	0	0	2174	666666
14	2	14	336339	83	1975	0	328186	666666
15	3	14	474592	63	1253	1781	188851	666666

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16	2	14	25274	72	1912	0	639336	666666
17	1	14	477611	79	0	0	188976	666666
18	2	14	451618	62	1078	0	213846	666666

Type 5 #26 5587 [Back to Summary]

Burst 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	169080	62	0	0	497524	666666
2	2	6	463216	64	1979	0	201343	666666
3	1	6	656187	79	0	0	10400	666666
4	2	6	252776	86	1212	0	412506	666666
5	1	6	128771	82	0	0	537813	666666
6	2	6	330799	66	1578	0	334157	666666
7	3	6	278268	79	1790	1613	384758	666666
8	2	6	513485	65	1196	0	151855	666666
9	2	6	13436	87	1592	0	651464	666666
10	2	6	103942	83	1127	0	561431	666666
11	3	6	138747	51	1631	1261	524874	666666
12	3	6	306968	93	1893	1510	356016	666666
13	3	6	618136	55	1142	1906	45317	666666
14	2	6	85698	69	1218	0	579612	666666
15	1	6	25767	88	0	0	640811	666666
16	1	6	446430	58	0	0	220178	666666
17	2	6	355267	96	1340	0	309867	666666
18	1	6	140259	67	0	0	526340	666666

Type 5 #27 5586 [Back to Summary]

Burst 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	959662	74	1170	1114	371165	1333333
2	2	7	1212104	84	1938	0	119123	1333333
3	2	7	1028330	75	1684	0	303169	1333333
4	3	7	605934	57	1842	1225	724161	1333333
5	1	7	85436	81	0	0	1247816	1333333
6	1	7	1026206	66	0	0	307061	1333333
7	1	7	782802	78	0	0	550453	1333333
8	2	7	726059	78	1841	0	605277	1333333
9	3	7	829837	93	1235	1402	500580	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	7	395082	94	1609	1493	307416	705882
2	2	7	85398	56	1414	0	618958	705882
3	1	7	398794	60	0	0	307028	705882
4	3	7	427138	64	1609	1932	275011	705882
5	3	7	695341	68	1322	1052	7963	705882
6	1	7	199331	61	0	0	506490	705882
7	2	7	81325	50	1056	0	623401	705882
8	3	7	290846	96	1264	1279	412205	705882
9	2	7	213431	79	1114	0	491179	705882
10	1	7	464027	52	0	0	241803	705882
11	2	7	590968	56	1144	0	113658	705882
12	2	7	405933	64	1440	0	298381	705882
13	1	7	701785	96	0	0	4001	705882
14	2	7	316934	58	1154	0	387678	705882
15	3	7	136855	69	1345	1653	565822	705882
16	2	7	257979	90	1208	0	446515	705882
17	3	7	263305	54	1303	1712	439400	705882

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	364658	85	1460	0	383712	750000
2	2	12	553153	74	1065	0	195634	750000
3	2	12	352021	99	1280	0	396501	750000
4	1	12	531240	67	0	0	218693	750000
5	1	12	643913	81	0	0	106006	750000
6	1	12	106201	80	0	0	643719	750000
7	1	12	408987	65	0	0	340948	750000
8	3	12	353200	62	1908	1711	392995	750000
9	3	12	162506	94	1206	1720	584286	750000
10	3	12	676981	75	1330	1431	70033	750000
11	2	12	459708	58	1511	0	288665	750000
12	3	12	112839	68	1847	1322	633788	750000
13	2	12	145001	62	1755	0	603120	750000
14	3	12	553488	86	1373	1374	193507	750000
15	2	12	648713	80	1501	0	99626	750000
16	1	12	207886	94	0	0	542020	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	5	128500	82	1059	1340	725997	857142
2	3	5	608016	86	1761	1482	245625	857142
3	3	5	327647	87	1612	1058	526564	857142
4	3	5	840113	75	1911	1408	13485	857142
5	1	5	531410	99	0	0	325633	857142
6	1	5	76440	53	0	0	780649	857142
7	1	5	65942	58	0	0	791142	857142
8	1	5	505885	51	0	0	351206	857142
9	3	5	286857	94	1740	1877	566386	857142
10	1	5	725979	96	0	0	131067	857142
11	3	5	440820	99	1760	1980	412285	857142
12	2	5	404621	53	1016	0	451399	857142
13	1	5	509266	74	0	0	347802	857142
14	3	5	637288	85	1627	1891	216081	857142

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#01-5400	#02-5554	#03-5266	#04-5568	#05-5429	#06-5306	#07-5719	#08-5667	#09-5613	#10-5702
#11-5440	#12-5291	#13-5688	#14-5406	#15-5271	#16-5268	#17-5404	#18-5577	#19-5363	#20-5258
#21-5387	#22-5309	#23-5576	#24-5444	#25-5275	#26-5386	#27-5703	#28-5558	#29-5474	#30-5260
#31-5316	#32-5301	#33-5547	#34-5250	#35-5466	#36-5417	#37-5296	#38-5653	#39-5255	#40-5706
#41-5267	#42-5375	#43-5590	#44-5361	#45-5292	#46-5539	#47-5571	#48-5528	#49-5559	#50-5531
#51-5521	#52-5652	#53-5495	#54-5418	#55-5578	#56-5349	#57-5701	#58-5553	#59-5545	#60-5300
#61-5335	#62-5419	#63-5454	#64-5609	#65-5643	#66-5397	#67-5476	#68-5687	#69-5672	#70-5591
#71-5699	#72-5480	#73-5575	#74-5383	#75-5721	#76-5272	#77-5449	#78-5472	#79-5408	#80-5465
#81-5543	#82-5431	#83-5253	#84-5665	#85-5470	#86-5385	#87-5532	#88-5388	#89-5409	#90-5366
#91-5439	#92-5475	#93-5358	#94-5684	#95-5630	#96-5585	#97-5648	#98-5709	#99-5445	#100-5621

Type 6 #2 [Back to Summary]

#01-5317	#02-5603	#03-5579	#04-5695	#05-5552	#06-5292	#07-5331	#08-5361	#09-5416	#10-5554
#11-5625	#12-5483	#13-5398	#14-5333	#15-5477	#16-5628	#17-5409	#18-5507	#19-5386	#20-5508
#21-5589	#22-5334	#23-5535	#24-5558	#25-5402	#26-5485	#27-5367	#28-5614	#29-5479	#30-5393
#31-5343	#32-5462	#33-5277	#34-5513	#35-5394	#36-5667	#37-5575	#38-5281	#39-5360	#40-5426
#41-5302	#42-5425	#43-5697	#44-5580	#45-5467	#46-5676	#47-5314	#48-5272	#49-5460	#50-5250
#51-5422	#52-5391	#53-5576	#54-5661	#55-5280	#56-5709	#57-5319	#58-5271	#59-5547	#60-5321
#61-5654	#62-5448	#63-5610	#64-5269	#65-5465	#66-5418	#67-5459	#68-5620	#69-5668	#70-5542
#71-5305	#72-5378	#73-5400	#74-5691	#75-5456	#76-5421	#77-5366	#78-5686	#79-5342	#80-5461
#81-5427	#82-5345	#83-5408	#84-5491	#85-5704	#86-5681	#87-5622	#88-5349	#89-5490	#90-5415
#91-5600	#92-5555	#93-5473	#94-5291	#95-5509	#96-5593	#97-5548	#98-5675	#99-5365	#100-5300

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#01-5469	#02-5428	#03-5336	#04-5645	#05-5671	#06-5291	#07-5720	#08-5604	#09-5454	#10-5588
#11-5592	#12-5359	#13-5657	#14-5339	#15-5624	#16-5555	#17-5289	#18-5376	#19-5295	#20-5506
#21-5520	#22-5357	#23-5386	#24-5502	#25-5669	#26-5481	#27-5636	#28-5351	#29-5442	#30-5590
#31-5599	#32-5415	#33-5567	#34-5284	#35-5708	#36-5714	#37-5255	#38-5482	#39-5532	#40-5660
#41-5683	#42-5261	#43-5615	#44-5612	#45-5539	#46-5480	#47-5613	#48-5372	#49-5392	#50-5663
#51-5541	#52-5412	#53-5627	#54-5578	#55-5503	#56-5360	#57-5293	#58-5554	#59-5701	#60-5435
#61-5378	#62-5618	#63-5410	#64-5583	#65-5715	#66-5424	#67-5511	#68-5620	#69-5350	#70-5637
#71-5547	#72-5527	#73-5562	#74-5354	#75-5542	#76-5500	#77-5458	#78-5488	#79-5686	#80-5427
#81-5587	#82-5507	#83-5685	#84-5494	#85-5296	#86-5426	#87-5508	#88-5710	#89-5495	#90-5594
#91-5670	#92-5409	#93-5496	#94-5333	#95-5524	#96-5309	#97-5569	#98-5275	#99-5625	#100-5358

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#01-5694	#02-5719	#03-5267	#04-5480	#05-5360	#06-5260	#07-5572	#08-5517	#09-5287	#10-5723
#11-5620	#12-5523	#13-5597	#14-5515	#15-5570	#16-5590	#17-5658	#18-5633	#19-5537	#20-5526
#21-5638	#22-5525	#23-5364	#24-5478	#25-5689	#26-5379	#27-5278	#28-5468	#29-5553	#30-5476
#31-5661	#32-5431	#33-5594	#34-5566	#35-5456	#36-5598	#37-5490	#38-5445	#39-5389	#40-5286
#41-5586	#42-5720	#43-5674	#44-5500	#45-5699	#46-5391	#47-5544	#48-5711	#49-5488	#50-5662
#51-5374	#52-5660	#53-5452	#54-5338	#55-5441	#56-5408	#57-5603	#58-5501	#59-5508	#60-5703
#61-5705	#62-5341	#63-5682	#64-5520	#65-5308	#66-5425	#67-5647	#68-5276	#69-5301	#70-5696

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#71-5340	#72-5446	#73-5483	#74-5496	#75-5664	#76-5636	#77-5574	#78-5578	#79-5502	#80-5539
#81-5552	#82-5288	#83-5700	#84-5612	#85-5345	#86-5722	#87-5692	#88-5487	#89-5359	#90-5296
#91-5716	#92-5709	#93-5652	#94-5402	#95-5302	#96-5473	#97-5281	#98-5388	#99-5433	#100-5506

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#01-5469	#02-5519	#03-5660	#04-5522	#05-5568	#06-5650	#07-5420	#08-5684	#09-5399	#10-5533
#11-5560	#12-5269	#13-5723	#14-5695	#15-5393	#16-5666	#17-5367	#18-5318	#19-5425	#20-5311
#21-5461	#22-5398	#23-5633	#24-5254	#25-5705	#26-5356	#27-5516	#28-5326	#29-5450	#30-5428
#31-5606	#32-5433	#33-5385	#34-5719	#35-5323	#36-5287	#37-5353	#38-5434	#39-5297	#40-5429
#41-5553	#42-5263	#43-5350	#44-5563	#45-5468	#46-5698	#47-5713	#48-5689	#49-5267	#50-5362
#51-5371	#52-5686	#53-5693	#54-5383	#55-5302	#56-5319	#57-5609	#58-5651	#59-5543	#60-5465
#61-5386	#62-5345	#63-5489	#64-5697	#65-5646	#66-5380	#67-5604	#68-5252	#69-5618	#70-5359
#71-5565	#72-5662	#73-5273	#74-5724	#75-5491	#76-5453	#77-5299	#78-5328	#79-5518	#80-5257
#81-5373	#82-5552	#83-5310	#84-5341	#85-5309	#86-5639	#87-5470	#88-5256	#89-5665	#90-5259
#91-5412	#92-5435	#93-5613	#94-5567	#95-5294	#96-5463	#97-5509	#98-5384	#99-5631	#100-5338

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#01-5342	#02-5711	#03-5320	#04-5633	#05-5522	#06-5429	#07-5667	#08-5695	#09-5617	#10-5576
#11-5268	#12-5532	#13-5389	#14-5534	#15-5341	#16-5556	#17-5286	#18-5396	#19-5640	#20-5258
#21-5643	#22-5599	#23-5310	#24-5612	#25-5679	#26-5390	#27-5301	#28-5435	#29-5682	#30-5283
#31-5668	#32-5646	#33-5417	#34-5432	#35-5636	#36-5380	#37-5479	#38-5401	#39-5540	#40-5601
#41-5701	#42-5487	#43-5360	#44-5337	#45-5713	#46-5590	#47-5284	#48-5328	#49-5469	#50-5461
#51-5418	#52-5359	#53-5463	#54-5622	#55-5416	#56-5468	#57-5652	#58-5434	#59-5680	#60-5381
#61-5375	#62-5486	#63-5264	#64-5583	#65-5632	#66-5346	#67-5366	#68-5684	#69-5616	#70-5688
#71-5324	#72-5606	#73-5573	#74-5282	#75-5281	#76-5406	#77-5492	#78-5698	#79-5623	#80-5333
#81-5355	#82-5699	#83-5689	#84-5472	#85-5584	#86-5554	#87-5439	#88-5515	#89-5263	#90-5424
#91-5455	#92-5297	#93-5448	#94-5409	#95-5482	#96-5471	#97-5478	#98-5505	#99-5428	#100-5614

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#01-5477	#02-5326	#03-5433	#04-5509	#05-5383	#06-5532	#07-5505	#08-5425	#09-5592	#10-5262
#11-5702	#12-5680	#13-5531	#14-5596	#15-5278	#16-5403	#17-5519	#18-5521	#19-5720	#20-5323
#21-5635	#22-5575	#23-5667	#24-5445	#25-5480	#26-5280	#27-5414	#28-5418	#29-5536	#30-5545
#31-5655	#32-5713	#33-5515	#34-5259	#35-5583	#36-5279	#37-5512	#38-5428	#39-5336	#40-5310
#41-5305	#42-5258	#43-5652	#44-5252	#45-5447	#46-5498	#47-5491	#48-5578	#49-5379	#50-5325
#51-5674	#52-5681	#53-5504	#54-5355	#55-5706	#56-5628	#57-5382	#58-5710	#59-5277	#60-5356
#61-5365	#62-5337	#63-5619	#64-5300	#65-5335	#66-5714	#67-5413	#68-5525	#69-5265	#70-5724
#71-5614	#72-5343	#73-5437	#74-5659	#75-5271	#76-5625	#77-5645	#78-5663	#79-5251	#80-5705
#81-5513	#82-5566	#83-5293	#84-5461	#85-5594	#86-5696	#87-5458	#88-5415	#89-5284	#90-5676
#91-5616	#92-5530	#93-5404	#94-5703	#95-5666	#96-5691	#97-5368	#98-5600	#99-5639	#100-5456

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#01-5336	#02-5697	#03-5561	#04-5381	#05-5433	#06-5584	#07-5495	#08-5570	#09-5332	#10-5328
#11-5705	#12-5443	#13-5709	#14-5291	#15-5566	#16-5521	#17-5294	#18-5408	#19-5429	#20-5358
#21-5505	#22-5723	#23-5490	#24-5308	#25-5355	#26-5337	#27-5658	#28-5454	#29-5713	#30-5297

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#31-5512	#32-5292	#33-5269	#34-5523	#35-5623	#36-5542	#37-5254	#38-5634	#39-5276	#40-5260
#41-5458	#42-5615	#43-5333	#44-5673	#45-5696	#46-5427	#47-5547	#48-5366	#49-5393	#50-5402
#51-5651	#52-5680	#53-5426	#54-5538	#55-5676	#56-5342	#57-5460	#58-5504	#59-5275	#60-5351
#61-5648	#62-5296	#63-5583	#64-5286	#65-5549	#66-5661	#67-5424	#68-5445	#69-5399	#70-5277
#71-5520	#72-5389	#73-5385	#74-5423	#75-5628	#76-5616	#77-5643	#78-5546	#79-5339	#80-5654
#81-5518	#82-5552	#83-5314	#84-5571	#85-5375	#86-5557	#87-5598	#88-5464	#89-5572	#90-5533
#91-5335	#92-5480	#93-5610	#94-5657	#95-5334	#96-5413	#97-5282	#98-5298	#99-5382	#100-5287

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#01-5253	#02-5355	#03-5690	#04-5364	#05-5607	#06-5515	#07-5550	#08-5256	#09-5634	#10-5313
#11-5422	#12-5639	#13-5417	#14-5346	#15-5557	#16-5353	#17-5707	#18-5266	#19-5638	#20-5718
#21-5317	#22-5687	#23-5596	#24-5585	#25-5666	#26-5289	#27-5500	#28-5452	#29-5335	#30-5467
#31-5580	#32-5597	#33-5414	#34-5298	#35-5651	#36-5411	#37-5578	#38-5673	#39-5682	#40-5576
#41-5252	#42-5586	#43-5544	#44-5499	#45-5363	#46-5421	#47-5311	#48-5509	#49-5349	#50-5706
#51-5431	#52-5270	#53-5383	#54-5387	#55-5696	#56-5290	#57-5481	#58-5354	#59-5426	#60-5566
#61-5264	#62-5350	#63-5646	#64-5423	#65-5459	#66-5546	#67-5476	#68-5373	#69-5427	#70-5397
#71-5498	#72-5284	#73-5308	#74-5309	#75-5716	#76-5458	#77-5394	#78-5345	#79-5483	#80-5504
#81-5702	#82-5715	#83-5359	#84-5357	#85-5287	#86-5567	#87-5474	#88-5280	#89-5329	#90-5615
#91-5657	#92-5487	#93-5511	#94-5372	#95-5572	#96-5630	#97-5668	#98-5389	#99-5300	#100-5542

Type 6 #10 [Back to Summary]

#01-5672	#02-5666	#03-5340	#04-5678	#05-5459	#06-5395	#07-5686	#08-5322	#09-5394	#10-5493
#11-5622	#12-5383	#13-5599	#14-5647	#15-5587	#16-5271	#17-5718	#18-5540	#19-5377	#20-5613
#21-5327	#22-5443	#23-5290	#24-5532	#25-5463	#26-5265	#27-5505	#28-5665	#29-5462	#30-5335
#31-5510	#32-5257	#33-5297	#34-5659	#35-5550	#36-5285	#37-5624	#38-5403	#39-5615	#40-5614
#41-5598	#42-5396	#43-5607	#44-5557	#45-5712	#46-5518	#47-5600	#48-5573	#49-5494	#50-5542
#51-5636	#52-5371	#53-5251	#54-5407	#55-5457	#56-5475	#57-5627	#58-5527	#59-5460	#60-5439
#61-5612	#62-5269	#63-5581	#64-5308	#65-5709	#66-5617	#67-5338	#68-5667	#69-5349	#70-5552
#71-5368	#72-5563	#73-5652	#74-5483	#75-5264	#76-5660	#77-5554	#78-5450	#79-5541	#80-5670
#81-5384	#82-5653	#83-5415	#84-5641	#85-5420	#86-5379	#87-5255	#88-5609	#89-5444	#90-5319
#91-5381	#92-5342	#93-5663	#94-5421	#95-5252	#96-5578	#97-5528	#98-5547	#99-5571	#100-5344

Type 6 #11 [Back to Summary]

#01-5432	#02-5663	#03-5478	#04-5668	#05-5423	#06-5318	#07-5448	#08-5490	#09-5391	#10-5529
#11-5643	#12-5416	#13-5710	#14-5523	#15-5305	#16-5687	#17-5575	#18-5667	#19-5606	#20-5572
#21-5610	#22-5446	#23-5464	#24-5277	#25-5417	#26-5276	#27-5629	#28-5477	#29-5486	#30-5401
#31-5370	#32-5256	#33-5607	#34-5451	#35-5485	#36-5447	#37-5421	#38-5475	#39-5467	#40-5351
#41-5661	#42-5496	#43-5471	#44-5647	#45-5396	#46-5693	#47-5354	#48-5382	#49-5360	#50-5288
#51-5258	#52-5592	#53-5671	#54-5250	#55-5460	#56-5709	#57-5444	#58-5450	#59-5505	#60-5392
#61-5409	#62-5696	#63-5253	#64-5713	#65-5398	#66-5636	#67-5540	#68-5514	#69-5290	#70-5585
#71-5518	#72-5345	#73-5453	#74-5510	#75-5638	#76-5365	#77-5703	#78-5550	#79-5601	#80-5454
#81-5644	#82-5498	#83-5357	#84-5441	#85-5389	#86-5516	#87-5311	#88-5609	#89-5719	#90-5506
#91-5252	#92-5699	#93-5701	#94-5317	#95-5665	#96-5689	#97-5492	#98-5487	#99-5499	#100-5494

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Type 6 #12 [Back to Summary]									
#01-5406	#02-5576	#03-5348	#04-5506	#05-5502	#06-5633	#07-5389	#08-5415	#09-5336	#10-5337
#11-5255	#12-5628	#13-5574	#14-5293	#15-5479	#16-5648	#17-5582	#18-5531	#19-5564	#20-5620
#21-5572	#22-5657	#23-5514	#24-5512	#25-5583	#26-5536	#27-5371	#28-5378	#29-5559	#30-5674
#31-5608	#32-5464	#33-5299	#34-5358	#35-5296	#36-5317	#37-5394	#38-5586	#39-5673	#40-5487
#41-5366	#42-5626	#43-5517	#44-5632	#45-5490	#46-5347	#47-5376	#48-5662	#49-5566	#50-5269
#51-5359	#52-5687	#53-5649	#54-5600	#55-5644	#56-5471	#57-5308	#58-5555	#59-5654	#60-5694
#61-5503	#62-5260	#63-5578	#64-5391	#65-5451	#66-5508	#67-5573	#68-5457	#69-5721	#70-5408
#71-5496	#72-5724	#73-5588	#74-5320	#75-5494	#76-5678	#77-5383	#78-5611	#79-5268	#80-5473
#81-5409	#82-5435	#83-5534	#84-5538	#85-5556	#86-5652	#87-5544	#88-5421	#89-5437	#90-5542
#91-5257	#92-5554	#93-5663	#94-5706	#95-5707	#96-5350	#97-5290	#98-5370	#99-5418	#100-5708

Type 6 #13 [Back to Summary]									
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#11-5338	#12-5425	#13-5540	#14-5419	#15-5529	#16-5317	#17-5449	#18-5287	#19-5558	#20-5534
#21-5690	#22-5399	#23-5269	#24-5427	#25-5402	#26-5670	#27-5315	#28-5608	#29-5342	#30-5394
#31-5630	#32-5258	#33-5443	#34-5288	#35-5708	#36-5501	#37-5506	#38-5380	#39-5297	#40-5454
#41-5557	#42-5702	#43-5327	#44-5478	#45-5460	#46-5563	#47-5267	#48-5492	#49-5430	#50-5637
#51-5635	#52-5255	#53-5550	#54-5616	#55-5268	#56-5352	#57-5620	#58-5489	#59-5256	#60-5553
#61-5298	#62-5469	#63-5482	#64-5680	#65-5314	#66-5334	#67-5712	#68-5509	#69-5440	#70-5282
#71-5548	#72-5322	#73-5717	#74-5363	#75-5705	#76-5713	#77-5325	#78-5525	#79-5694	#80-5575
#81-5651	#82-5559	#83-5433	#84-5435	#85-5488	#86-5624	#87-5441	#88-5554	#89-5273	#90-5609
#91-5605	#92-5265	#93-5376	#94-5476	#95-5405	#96-5340	#97-5477	#98-5377	#99-5414	#100-5375

Type 6 #14 [Back to Summary]									
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#11-5277	#12-5351	#13-5518	#14-5414	#15-5624	#16-5468	#17-5286	#18-5298	#19-5446	#20-5417
#21-5620	#22-5413	#23-5484	#24-5558	#25-5403	#26-5530	#27-5674	#28-5495	#29-5679	#30-5619
#31-5492	#32-5675	#33-5358	#34-5575	#35-5721	#36-5407	#37-5505	#38-5285	#39-5338	#40-5649
#41-5609	#42-5724	#43-5641	#44-5716	#45-5580	#46-5506	#47-5472	#48-5686	#49-5576	#50-5662
#51-5304	#52-5426	#53-5656	#54-5722	#55-5477	#56-5406	#57-5260	#58-5467	#59-5715	#60-5540
#61-5614	#62-5497	#63-5483	#64-5265	#65-5515	#66-5327	#67-5712	#68-5667	#69-5411	#70-5459
#71-5687	#72-5723	#73-5678	#74-5519	#75-5528	#76-5612	#77-5489	#78-5480	#79-5696	#80-5615
#81-5302	#82-5706	#83-5633	#84-5262	#85-5559	#86-5312	#87-5267	#88-5357	#89-5340	#90-5554
#91-5389	#92-5282	#93-5293	#94-5521	#95-5280	#96-5362	#97-5481	#98-5621	#99-5447	#100-5501

Type 6 #15 [Back to Summary]									
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#11-5641	#12-5498	#13-5495	#14-5345	#15-5489	#16-5633	#17-5584	#18-5471	#19-5423	#20-5451
#21-5310	#22-5608	#23-5579	#24-5582	#25-5316	#26-5659	#27-5684	#28-5407	#29-5490	#30-5416
#31-5379	#32-5598	#33-5282	#34-5445	#35-5353	#36-5499	#37-5438	#38-5532	#39-5286	#40-5515
#41-5567	#42-5610	#43-5646	#44-5477	#45-5648	#46-5624	#47-5509	#48-5672	#49-5278	#50-5368
#51-5502	#52-5261	#53-5444	#54-5724	#55-5434	#56-5636	#57-5679	#58-5665	#59-5292	#60-5291
#61-5342	#62-5311	#63-5620	#64-5270	#65-5453	#66-5295	#67-5463	#68-5300	#69-5716	#70-5718

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#71-5436	#72-5306	#73-5431	#74-5639	#75-5613	#76-5426	#77-5690	#78-5348	#79-5663	#80-5415
#81-5394	#82-5262	#83-5377	#84-5369	#85-5644	#86-5370	#87-5398	#88-5284	#89-5255	#90-5454
#91-5550	#92-5510	#93-5488	#94-5721	#95-5417	#96-5512	#97-5709	#98-5619	#99-5274	#100-5600

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#01-5407	#02-5460	#03-5678	#04-5287	#05-5655	#06-5446	#07-5552	#08-5535	#09-5360	#10-5258
#11-5670	#12-5578	#13-5251	#14-5597	#15-5619	#16-5332	#17-5657	#18-5498	#19-5353	#20-5334
#21-5621	#22-5428	#23-5294	#24-5518	#25-5422	#26-5664	#27-5545	#28-5439	#29-5472	#30-5358
#31-5445	#32-5317	#33-5323	#34-5311	#35-5265	#36-5665	#37-5310	#38-5345	#39-5443	#40-5452
#41-5546	#42-5590	#43-5649	#44-5722	#45-5505	#46-5695	#47-5502	#48-5612	#49-5354	#50-5337
#51-5573	#52-5464	#53-5519	#54-5668	#55-5705	#56-5704	#57-5414	#58-5408	#59-5591	#60-5717
#61-5625	#62-5365	#63-5312	#64-5254	#65-5539	#66-5601	#67-5504	#68-5663	#69-5581	#70-5683
#71-5271	#72-5563	#73-5308	#74-5631	#75-5514	#76-5283	#77-5501	#78-5295	#79-5267	#80-5455
#81-5412	#82-5656	#83-5341	#84-5387	#85-5511	#86-5709	#87-5527	#88-5383	#89-5335	#90-5285
#91-5494	#92-5627	#93-5476	#94-5448	#95-5548	#96-5429	#97-5526	#98-5644	#99-5432	#100-5626

Type 6 #17 [Back to Summary]

#01-5438	#02-5561	#03-5278	#04-5394	#05-5314	#06-5257	#07-5403	#08-5610	#09-5401	#10-5671
#11-5451	#12-5371	#13-5393	#14-5386	#15-5556	#16-5693	#17-5276	#18-5654	#19-5472	#20-5557
#21-5325	#22-5373	#23-5584	#24-5548	#25-5437	#26-5368	#27-5340	#28-5591	#29-5336	#30-5338
#31-5489	#32-5589	#33-5590	#34-5365	#35-5265	#36-5579	#37-5633	#38-5670	#39-5320	#40-5506
#41-5559	#42-5646	#43-5708	#44-5389	#45-5563	#46-5377	#47-5485	#48-5339	#49-5621	#50-5578
#51-5408	#52-5600	#53-5430	#54-5608	#55-5549	#56-5311	#57-5705	#58-5459	#59-5686	#60-5672
#61-5643	#62-5533	#63-5519	#64-5307	#65-5436	#66-5592	#67-5508	#68-5275	#69-5369	#70-5704
#71-5310	#72-5331	#73-5583	#74-5691	#75-5722	#76-5410	#77-5392	#78-5448	#79-5712	#80-5305
#81-5614	#82-5251	#83-5695	#84-5484	#85-5659	#86-5616	#87-5412	#88-5709	#89-5534	#90-5674
#91-5596	#92-5423	#93-5707	#94-5374	#95-5580	#96-5268	#97-5366	#98-5642	#99-5675	#100-5696

Type 6 #18 [Back to Summary]

#01-5590	#02-5454	#03-5693	#04-5638	#05-5512	#06-5318	#07-5262	#08-5461	#09-5605	#10-5394
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#21-5428	#22-5526	#23-5463	#24-5418	#25-5354	#26-5616	#27-5348	#28-5455	#29-5353	#30-5704
#31-5284	#32-5474	#33-5495	#34-5263	#35-5443	#36-5406	#37-5282	#38-5308	#39-5696	#40-5592
#41-5603	#42-5673	#43-5352	#44-5393	#45-5275	#46-5338	#47-5679	#48-5335	#49-5320	#50-5670
#51-5430	#52-5334	#53-5522	#54-5382	#55-5523	#56-5314	#57-5717	#58-5528	#59-5538	#60-5625
#61-5695	#62-5535	#63-5360	#64-5630	#65-5363	#66-5431	#67-5264	#68-5462	#69-5433	#70-5628
#71-5608	#72-5513	#73-5317	#74-5515	#75-5671	#76-5486	#77-5424	#78-5322	#79-5398	#80-5267
#81-5664	#82-5265	#83-5390	#84-5413	#85-5533	#86-5681	#87-5682	#88-5368	#89-5477	#90-5384
#91-5420	#92-5493	#93-5504	#94-5324	#95-5622	#96-5321	#97-5571	#98-5453	#99-5283	#100-5578

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#01-5323	#02-5470	#03-5630	#04-5417	#05-5312	#06-5642	#07-5265	#08-5256	#09-5436	#10-5285
#11-5615	#12-5647	#13-5378	#14-5516	#15-5685	#16-5679	#17-5395	#18-5672	#19-5354	#20-5408
#21-5476	#22-5623	#23-5712	#24-5299	#25-5461	#26-5371	#27-5262	#28-5720	#29-5611	#30-5596

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#31-5640	#32-5699	#33-5288	#34-5545	#35-5667	#36-5443	#37-5361	#38-5694	#39-5346	#40-5602
#41-5659	#42-5670	#43-5651	#44-5434	#45-5490	#46-5494	#47-5358	#48-5708	#49-5363	#50-5663
#51-5644	#52-5608	#53-5343	#54-5591	#55-5348	#56-5423	#57-5482	#58-5573	#59-5681	#60-5661
#61-5620	#62-5270	#63-5366	#64-5552	#65-5367	#66-5632	#67-5598	#68-5546	#69-5561	#70-5487
#71-5559	#72-5421	#73-5567	#74-5465	#75-5464	#76-5520	#77-5695	#78-5519	#79-5526	#80-5689
#81-5260	#82-5278	#83-5597	#84-5669	#85-5671	#86-5275	#87-5592	#88-5404	#89-5441	#90-5489
#91-5684	#92-5499	#93-5261	#94-5399	#95-5704	#96-5633	#97-5544	#98-5338	#99-5316	#100-5565

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#01-5611	#02-5528	#03-5387	#04-5596	#05-5348	#06-5475	#07-5291	#08-5601	#09-5381	#10-5549
#11-5453	#12-5682	#13-5297	#14-5717	#15-5654	#16-5600	#17-5388	#18-5418	#19-5612	#20-5340
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#31-5694	#32-5599	#33-5459	#34-5683	#35-5328	#36-5458	#37-5619	#38-5259	#39-5573	#40-5447
#41-5708	#42-5253	#43-5277	#44-5626	#45-5293	#46-5254	#47-5462	#48-5270	#49-5480	#50-5355
#51-5507	#52-5392	#53-5465	#54-5702	#55-5543	#56-5413	#57-5425	#58-5315	#59-5318	#60-5287
#61-5317	#62-5597	#63-5364	#64-5558	#65-5583	#66-5581	#67-5482	#68-5343	#69-5643	#70-5452
#71-5711	#72-5382	#73-5572	#74-5417	#75-5362	#76-5281	#77-5428	#78-5469	#79-5282	#80-5534
#81-5586	#82-5398	#83-5673	#84-5395	#85-5304	#86-5561	#87-5396	#88-5490	#89-5399	#90-5648
#91-5286	#92-5559	#93-5672	#94-5541	#95-5386	#96-5367	#97-5629	#98-5460	#99-5296	#100-5445

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#11-5716	#12-5687	#13-5281	#14-5514	#15-5432	#16-5647	#17-5649	#18-5693	#19-5500	#20-5274
#21-5440	#22-5720	#23-5670	#24-5722	#25-5412	#26-5407	#27-5434	#28-5284	#29-5279	#30-5718
#31-5387	#32-5694	#33-5418	#34-5568	#35-5271	#36-5464	#37-5289	#38-5640	#39-5273	#40-5648
#41-5260	#42-5345	#43-5608	#44-5605	#45-5646	#46-5326	#47-5523	#48-5409	#49-5358	#50-5466
#51-5444	#52-5652	#53-5671	#54-5266	#55-5724	#56-5510	#57-5423	#58-5361	#59-5586	#60-5680
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#71-5607	#72-5253	#73-5665	#74-5572	#75-5263	#76-5347	#77-5362	#78-5318	#79-5325	#80-5342
#81-5610	#82-5283	#83-5645	#84-5543	#85-5532	#86-5462	#87-5278	#88-5403	#89-5569	#90-5491
#91-5300	#92-5650	#93-5312	#94-5323	#95-5708	#96-5479	#97-5334	#98-5261	#99-5488	#100-5627

Type 6 #22 [Back to Summary]									
#01-5527	#02-5334	#03-5643	#04-5388	#05-5576	#06-5436	#07-5708	#08-5347	#09-5254	#10-5628
#11-5400	#12-5356	#13-5288	#14-5500	#15-5321	#16-5640	#17-5584	#18-5450	#19-5317	#20-5639
#21-5721	#22-5373	#23-5593	#24-5724	#25-5652	#26-5683	#27-5672	#28-5599	#29-5585	#30-5509
#31-5267	#32-5346	#33-5550	#34-5415	#35-5534	#36-5523	#37-5359	#38-5510	#39-5691	#40-5342
#41-5473	#42-5649	#43-5394	#44-5664	#45-5337	#46-5659	#47-5609	#48-5526	#49-5717	#50-5316
#51-5613	#52-5598	#53-5667	#54-5564	#55-5629	#56-5404	#57-5462	#58-5638	#59-5457	#60-5611
#61-5481	#62-5353	#63-5477	#64-5461	#65-5605	#66-5298	#67-5520	#68-5591	#69-5688	#70-5513
#71-5525	#72-5314	#73-5475	#74-5698	#75-5409	#76-5315	#77-5701	#78-5650	#79-5630	#80-5714
#81-5313	#82-5387	#83-5600	#84-5508	#85-5614	#86-5383	#87-5398	#88-5706	#89-5495	#90-5375
#91-5302	#92-5433	#93-5294	#94-5320	#95-5572	#96-5366	#97-5414	#98-5648	#99-5296	#100-5280

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Type 6 #23 [Back to Summary]									
#01-5383	#02-5264	#03-5568	#04-5449	#05-5514	#06-5546	#07-5370	#08-5695	#09-5407	#10-5563
#11-5428	#12-5539	#13-5257	#14-5472	#15-5548	#16-5343	#17-5474	#18-5689	#19-5576	#20-5470
#21-5626	#22-5544	#23-5340	#24-5558	#25-5458	#26-5338	#27-5271	#28-5406	#29-5365	#30-5295
#31-5634	#32-5301	#33-5603	#34-5602	#35-5587	#36-5307	#37-5552	#38-5410	#39-5254	#40-5325
#41-5270	#42-5436	#43-5555	#44-5671	#45-5679	#46-5498	#47-5433	#48-5559	#49-5504	#50-5488
#51-5627	#52-5452	#53-5329	#54-5564	#55-5387	#56-5571	#57-5651	#58-5261	#59-5715	#60-5421
#61-5525	#62-5691	#63-5584	#64-5361	#65-5660	#66-5377	#67-5667	#68-5382	#69-5617	#70-5489
#71-5519	#72-5312	#73-5685	#74-5497	#75-5451	#76-5439	#77-5719	#78-5397	#79-5609	#80-5690
#81-5637	#82-5438	#83-5631	#84-5606	#85-5394	#86-5424	#87-5699	#88-5289	#89-5461	#90-5269
#91-5380	#92-5536	#93-5417	#94-5560	#95-5522	#96-5304	#97-5585	#98-5435	#99-5262	#100-5550

Type 6 #24 [Back to Summary]									
#01-5556	#02-5298	#03-5666	#04-5263	#05-5692	#06-5557	#07-5492	#08-5553	#09-5355	#10-5670
#11-5570	#12-5495	#13-5381	#14-5275	#15-5512	#16-5335	#17-5310	#18-5699	#19-5688	#20-5476
#21-5406	#22-5623	#23-5644	#24-5593	#25-5354	#26-5707	#27-5615	#28-5375	#29-5700	#30-5397
#31-5583	#32-5527	#33-5387	#34-5304	#35-5382	#36-5584	#37-5497	#38-5614	#39-5636	#40-5563
#41-5657	#42-5390	#43-5659	#44-5511	#45-5423	#46-5609	#47-5405	#48-5394	#49-5292	#50-5438
#51-5721	#52-5602	#53-5470	#54-5503	#55-5389	#56-5655	#57-5371	#58-5319	#59-5631	#60-5711
#61-5663	#62-5363	#63-5575	#64-5681	#65-5330	#66-5285	#67-5353	#68-5324	#69-5612	#70-5648
#71-5551	#72-5419	#73-5308	#74-5369	#75-5539	#76-5262	#77-5686	#78-5378	#79-5422	#80-5465
#81-5544	#82-5469	#83-5327	#84-5508	#85-5403	#86-5705	#87-5301	#88-5601	#89-5634	#90-5449
#91-5456	#92-5428	#93-5708	#94-5647	#95-5621	#96-5534	#97-5529	#98-5702	#99-5431	#100-5380

Type 6 #25 [Back to Summary]									
#01-5503	#02-5329	#03-5502	#04-5368	#05-5603	#06-5553	#07-5544	#08-5351	#09-5688	#10-5378
#11-5694	#12-5722	#13-5627	#14-5415	#15-5411	#16-5442	#17-5287	#18-5317	#19-5531	#20-5354
#21-5708	#22-5478	#23-5416	#24-5419	#25-5446	#26-5383	#27-5437	#28-5386	#29-5474	#30-5254
#31-5458	#32-5709	#33-5671	#34-5282	#35-5686	#36-5472	#37-5692	#38-5682	#39-5631	#40-5574
#41-5408	#42-5674	#43-5640	#44-5510	#45-5482	#46-5460	#47-5525	#48-5542	#49-5489	#50-5430
#51-5501	#52-5465	#53-5418	#54-5322	#55-5396	#56-5272	#57-5638	#58-5332	#59-5648	#60-5469
#61-5361	#62-5403	#63-5606	#64-5680	#65-5646	#66-5710	#67-5296	#68-5592	#69-5450	#70-5663
#71-5475	#72-5321	#73-5405	#74-5678	#75-5664	#76-5276	#77-5561	#78-5625	#79-5656	#80-5707
#81-5581	#82-5613	#83-5616	#84-5285	#85-5479	#86-5714	#87-5534	#88-5589	#89-5600	#90-5658
#91-5550	#92-5601	#93-5284	#94-5404	#95-5451	#96-5252	#97-5318	#98-5683	#99-5578	#100-5494

Type 6 #26 [Back to Summary]									
#01-5410	#02-5655	#03-5340	#04-5547	#05-5686	#06-5423	#07-5304	#08-5466	#09-5382	#10-5371
#11-5441	#12-5257	#13-5400	#14-5665	#15-5609	#16-5475	#17-5512	#18-5569	#19-5454	#20-5660
#21-5422	#22-5429	#23-5711	#24-5514	#25-5358	#26-5590	#27-5288	#28-5721	#29-5477	#30-5666
#31-5680	#32-5599	#33-5294	#34-5413	#35-5549	#36-5651	#37-5528	#38-5323	#39-5325	#40-5303
#41-5656	#42-5319	#43-5464	#44-5488	#45-5478	#46-5551	#47-5459	#48-5347	#49-5533	#50-5709
#51-5469	#52-5484	#53-5485	#54-5648	#55-5321	#56-5706	#57-5670	#58-5556	#59-5433	#60-5344
#61-5381	#62-5306	#63-5716	#64-5440	#65-5412	#66-5567	#67-5687	#68-5707	#69-5362	#70-5677

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#71-5663	#72-5432	#73-5494	#74-5393	#75-5251	#76-5349	#77-5689	#78-5476	#79-5282	#80-5539
#81-5376	#82-5661	#83-5439	#84-5496	#85-5447	#86-5450	#87-5364	#88-5366	#89-5336	#90-5572
#91-5708	#92-5698	#93-5612	#94-5701	#95-5637	#96-5595	#97-5324	#98-5269	#99-5314	#100-5629

Type 6 #27 [Back to Summary]									
#01-5586	#02-5474	#03-5707	#04-5574	#05-5290	#06-5282	#07-5715	#08-5333	#09-5647	#10-5695
#11-5267	#12-5443	#13-5516	#14-5622	#15-5690	#16-5440	#17-5591	#18-5473	#19-5719	#20-5686
#21-5442	#22-5563	#23-5614	#24-5520	#25-5692	#26-5688	#27-5540	#28-5504	#29-5471	#30-5375
#31-5271	#32-5663	#33-5400	#34-5371	#35-5671	#36-5625	#37-5678	#38-5583	#39-5444	#40-5409
#41-5455	#42-5285	#43-5438	#44-5365	#45-5545	#46-5511	#47-5426	#48-5714	#49-5261	#50-5450
#51-5254	#52-5576	#53-5278	#54-5351	#55-5434	#56-5270	#57-5580	#58-5429	#59-5604	#60-5322
#61-5462	#62-5454	#63-5578	#64-5519	#65-5670	#66-5324	#67-5292	#68-5388	#69-5668	#70-5313
#71-5485	#72-5252	#73-5279	#74-5553	#75-5482	#76-5407	#77-5369	#78-5499	#79-5699	#80-5424
#81-5512	#82-5556	#83-5498	#84-5276	#85-5373	#86-5414	#87-5639	#88-5304	#89-5657	#90-5653
#91-5301	#92-5501	#93-5709	#94-5376	#95-5674	#96-5256	#97-5427	#98-5646	#99-5417	#100-5478

Type 6 #28 [Back to Summary]									
#01-5476	#02-5291	#03-5293	#04-5674	#05-5694	#06-5251	#07-5553	#08-5448	#09-5599	#10-5279
#11-5623	#12-5336	#13-5461	#14-5427	#15-5538	#16-5633	#17-5681	#18-5555	#19-5395	#20-5507
#21-5408	#22-5713	#23-5455	#24-5266	#25-5267	#26-5709	#27-5270	#28-5624	#29-5601	#30-5474
#31-5705	#32-5443	#33-5329	#34-5475	#35-5675	#36-5467	#37-5513	#38-5548	#39-5307	#40-5372
#41-5588	#42-5439	#43-5424	#44-5631	#45-5285	#46-5687	#47-5292	#48-5532	#49-5564	#50-5298
#51-5304	#52-5598	#53-5505	#54-5639	#55-5320	#56-5490	#57-5562	#58-5277	#59-5658	#60-5711
#61-5706	#62-5651	#63-5569	#64-5375	#65-5302	#66-5426	#67-5256	#68-5712	#69-5473	#70-5325
#71-5371	#72-5384	#73-5501	#74-5275	#75-5642	#76-5690	#77-5535	#78-5547	#79-5704	#80-5310
#81-5666	#82-5459	#83-5318	#84-5558	#85-5421	#86-5359	#87-5661	#88-5413	#89-5406	#90-5437
#91-5628	#92-5487	#93-5612	#94-5326	#95-5389	#96-5659	#97-5593	#98-5306	#99-5581	#100-5577

Type 6 #29 [Back to Summary]									
#01-5681	#02-5301	#03-5308	#04-5494	#05-5649	#06-5640	#07-5349	#08-5481	#09-5719	#10-5348
#11-5676	#12-5261	#13-5293	#14-5603	#15-5289	#16-5497	#17-5589	#18-5262	#19-5674	#20-5664
#21-5488	#22-5565	#23-5551	#24-5286	#25-5413	#26-5608	#27-5491	#28-5430	#29-5609	#30-5706
#31-5346	#32-5482	#33-5691	#34-5379	#35-5350	#36-5617	#37-5404	#38-5541	#39-5632	#40-5507
#41-5257	#42-5432	#43-5419	#44-5312	#45-5484	#46-5619	#47-5443	#48-5260	#49-5281	#50-5618
#51-5323	#52-5583	#53-5356	#54-5643	#55-5341	#56-5368	#57-5472	#58-5272	#59-5333	#60-5294
#61-5403	#62-5645	#63-5596	#64-5265	#65-5252	#66-5449	#67-5302	#68-5641	#69-5514	#70-5400
#71-5351	#72-5304	#73-5363	#74-5425	#75-5661	#76-5314	#77-5406	#78-5503	#79-5532	#80-5525
#81-5424	#82-5489	#83-5408	#84-5716	#85-5638	#86-5493	#87-5389	#88-5305	#89-5291	#90-5709
#91-5402	#92-5390	#93-5469	#94-5595	#95-5367	#96-5345	#97-5566	#98-5417	#99-5313	#100-5295

Type 6 #30 [Back to Summary]									
#01-5574	#02-5527	#03-5476	#04-5610	#05-5524	#06-5271	#07-5480	#08-5659	#09-5708	#10-5283
#11-5691	#12-5702	#13-5466	#14-5536	#15-5597	#16-5640	#17-5488	#18-5604	#19-5349	#20-5490
#21-5309	#22-5721	#23-5598	#24-5520	#25-5724	#26-5681	#27-5556	#28-5477	#29-5307	#30-5564

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#31-5463	#32-5714	#33-5430	#34-5478	#35-5666	#36-5611	#37-5255	#38-5510	#39-5431	#40-5613
#41-5252	#42-5441	#43-5315	#44-5257	#45-5267	#46-5411	#47-5636	#48-5648	#49-5717	#50-5435
#51-5569	#52-5675	#53-5304	#54-5534	#55-5703	#56-5572	#57-5647	#58-5672	#59-5602	#60-5558
#61-5425	#62-5720	#63-5590	#64-5383	#65-5526	#66-5696	#67-5504	#68-5706	#69-5583	#70-5707
#71-5628	#72-5693	#73-5403	#74-5448	#75-5474	#76-5575	#77-5646	#78-5584	#79-5495	#80-5543
#81-5294	#82-5626	#83-5471	#84-5580	#85-5716	#86-5502	#87-5653	#88-5615	#89-5485	#90-5335
#91-5678	#92-5300	#93-5621	#94-5585	#95-5408	#96-5256	#97-5557	#98-5641	#99-5423	#100-5288

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Type 5 #1 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	605625	59	1489	0	726101	1333333
2	2	6	1015474	87	1607	0	316078	1333333
3	2	6	200813	51	1476	0	1130942	1333333
4	1	6	576181	90	0	0	757062	1333333
5	2	6	431234	98	1355	0	900548	1333333
6	1	6	1002807	85	0	0	330441	1333333
7	2	6	748772	62	1490	0	582947	1333333
8	1	6	1318811	70	0	0	14452	1333333
9	3	6	650744	87	1665	1150	679513	1333333

Type 5 #2 5644 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	500824	57	0	0	249119	750000
2	2	13	124042	58	1005	0	624837	750000
3	3	13	529997	88	1151	1977	216611	750000
4	1	13	277502	80	0	0	472418	750000
5	2	13	714288	79	1288	0	34266	750000
6	3	13	316429	67	1774	1866	429730	750000
7	1	13	167103	69	0	0	582828	750000
8	2	13	688807	54	1973	0	59112	750000
9	3	13	741172	70	1236	1823	5559	750000
10	2	13	282521	58	1215	0	466148	750000
11	1	13	43516	71	0	0	706413	750000
12	3	13	222972	93	1122	1565	524062	750000
13	2	13	597138	57	1137	0	151611	750000
14	2	13	458232	71	1755	0	289871	750000
15	1	13	317168	66	0	0	432766	750000
16	1	13	187159	67	0	0	562774	750000

Type 5 #3 5642 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	900430	90	0	0	432813	1333333
2	1	18	545052	83	0	0	788198	1333333
3	2	18	131184	81	1561	0	1200426	1333333
4	1	18	126071	100	0	0	1207162	1333333

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5	2	18	1307678	88	1169	0	24310	1333333
6	3	18	1161737	77	1840	1613	167912	1333333
7	2	18	72598	82	1126	0	1259445	1333333
8	1	18	1263193	81	0	0	70059	1333333
9	3	18	1238027	74	1821	1637	91626	1333333

Type 5 #4 5645 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	9	845334	58	1752	0	75874	923076
2	3	9	605146	57	1921	1889	313949	923076
3	1	9	684456	55	0	0	238565	923076
4	2	9	429299	87	1203	0	492400	923076
5	3	9	491044	84	1350	1934	428496	923076
6	1	9	622800	52	0	0	300224	923076
7	3	9	449373	68	1000	1605	470894	923076
8	2	9	434638	50	1138	0	487200	923076
9	1	9	765836	52	0	0	157188	923076
10	2	9	403487	77	1083	0	518352	923076
11	1	9	850354	88	0	0	72634	923076
12	1	9	757029	84	0	0	165963	923076
13	3	9	198209	69	1558	1094	722008	923076

Type 5 #5 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	9	174111	86	0	0	625803	800000
2	3	9	294502	94	1616	1440	502160	800000
3	3	9	97898	55	1862	1496	698579	800000
4	3	9	444024	54	1307	1592	352915	800000
5	1	9	301730	88	0	0	498182	800000
6	1	9	434258	93	0	0	365649	800000
7	1	9	751175	51	0	0	48774	800000
8	1	9	192057	70	0	0	607873	800000
9	3	9	414322	71	1052	1368	383045	800000
10	2	9	536147	73	1232	0	262475	800000
11	3	9	458467	69	1184	1190	338952	800000
12	2	9	493800	80	1309	0	304731	800000
13	3	9	766936	89	1485	1564	29748	800000
14	2	9	343821	97	1178	0	454807	800000
15	3	9	672503	57	1891	1539	123896	800000

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Type 5 #6 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	7	677850	58	0	0	122092	800000
2	2	7	307157	68	1753	0	490954	800000
3	1	7	225148	65	0	0	574787	800000
4	3	7	246182	57	1441	1423	550783	800000
5	1	7	559791	77	0	0	240132	800000
6	1	7	210788	65	0	0	589147	800000
7	3	7	138020	100	1938	1654	658088	800000
8	2	7	92177	68	1395	0	706292	800000
9	3	7	512941	78	1426	1313	284086	800000
10	3	7	134227	63	1258	1427	662899	800000
11	3	7	575760	84	1836	1294	220858	800000
12	2	7	80476	53	1546	0	717872	800000
13	1	7	302950	92	0	0	496958	800000
14	3	7	376165	73	1683	1522	420411	800000
15	1	7	711762	96	0	0	88142	800000

Type 5 #7 5646 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	7	954351	51	1813	1990	541693	1500000
2	3	7	852306	99	1641	1925	643831	1500000
3	3	7	396622	73	1395	1473	1100291	1500000
4	1	7	1359647	90	0	0	140263	1500000
5	3	7	607968	85	1640	1764	888373	1500000
6	2	7	753190	68	1414	0	745260	1500000
7	1	7	40966	63	0	0	1458971	1500000
8	2	7	1082145	69	1198	0	416519	1500000

Type 5 #8 5645 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	9	229320	88	1757	0	1102080	1333333
2	1	9	115587	79	0	0	1217667	1333333
3	1	9	732028	67	0	0	601238	1333333
4	2	9	1329530	77	1275	0	2374	1333333
5	1	9	521507	91	0	0	811735	1333333
6	2	9	281412	57	1873	0	1049934	1333333

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7	3	9	904199	51	1111	1117	426753	1333333
8	3	9	962257	96	1663	1609	367516	1333333
9	1	9	1224590	71	0	0	108672	1333333

Type 5 #9 5646 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	7	366592	66	1582	0	965027	1333333
2	1	7	818234	55	0	0	515044	1333333
3	3	7	1298583	68	1039	1729	31778	1333333
4	3	7	1176848	72	1544	1748	152977	1333333
5	2	7	513622	95	1274	0	818247	1333333
6	3	7	218293	74	1534	1037	1112247	1333333
7	1	7	1059367	84	0	0	273882	1333333
8	2	7	1081448	61	1403	0	250360	1333333
9	2	7	283116	100	1705	0	1048312	1333333

Type 5 #10 5643 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	14	230318	78	1290	1940	516218	750000
2	3	14	431211	95	1231	1629	315644	750000
3	1	14	36448	59	0	0	713493	750000
4	2	14	105575	59	1463	0	642844	750000
5	1	14	504155	88	0	0	245757	750000
6	1	14	517426	96	0	0	232478	750000
7	2	14	59248	77	1621	0	688977	750000
8	1	14	360216	78	0	0	389706	750000
9	2	14	357591	61	1371	0	390916	750000
10	1	14	368583	79	0	0	381338	750000
11	1	14	707340	64	0	0	42596	750000
12	3	14	599304	72	1436	1484	147560	750000
13	3	14	150673	63	1248	1397	596493	750000
14	3	14	698301	55	1149	1195	49190	750000
15	2	14	177149	83	1007	0	571678	750000
16	3	14	188094	81	1563	1567	558533	750000

Type 5 #11 5498 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	17	343108	98	0	0	513936	857142

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2	3	17	100612	81	1211	1114	753962	857142
3	1	17	375425	84	0	0	481633	857142
4	1	17	762885	68	0	0	94189	857142
5	3	17	732756	97	1944	1213	120938	857142
6	1	17	14616	61	0	0	842465	857142
7	2	17	263679	83	1926	0	591371	857142
8	1	17	463741	99	0	0	393302	857142
9	2	17	603477	82	1032	0	252469	857142
10	2	17	414552	87	1315	0	441101	857142
11	2	17	376633	51	1336	0	479071	857142
12	1	17	823160	78	0	0	33904	857142
13	2	17	685808	87	1099	0	170061	857142
14	1	17	164443	78	0	0	692621	857142

Type 5 #12 5498 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	18	482668	62	1957	1136	114053	600000
2	3	18	591798	77	1415	1750	4806	600000
3	1	18	66240	57	0	0	533703	600000
4	3	18	259581	75	1019	1893	337282	600000
5	1	18	87667	61	0	0	512272	600000
6	1	18	309777	77	0	0	290146	600000
7	3	18	110746	52	1054	1522	486522	600000
8	1	18	90956	71	0	0	508973	600000
9	2	18	285184	60	1685	0	313011	600000
10	1	18	423733	67	0	0	176200	600000
11	1	18	264740	81	0	0	335179	600000
12	1	18	83142	50	0	0	516808	600000
13	3	18	226323	77	1094	1574	370778	600000
14	3	18	209425	51	1283	1936	387203	600000
15	1	18	553704	50	0	0	46246	600000
16	3	18	452950	69	1606	1749	143488	600000
17	2	18	73480	91	1211	0	525127	600000
18	3	18	317994	74	1601	1974	278209	600000
19	1	18	294841	68	0	0	305091	600000
20	2	18	448638	59	1819	0	149425	600000

Type 5 #13 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	5	639717	66	0	0	283293	923076

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2	2	5	125491	76	1790	0	795643	923076
3	1	5	236510	68	0	0	686498	923076
4	1	5	889166	77	0	0	33833	923076
5	1	5	596634	91	0	0	326351	923076
6	2	5	726404	71	1291	0	195239	923076
7	3	5	497283	80	1566	1129	422858	923076
8	2	5	26593	54	1605	0	894770	923076
9	1	5	236937	55	0	0	686084	923076
10	2	5	656789	88	1203	0	264908	923076
11	2	5	283727	89	1209	0	637962	923076
12	2	5	784339	93	1148	0	137403	923076
13	3	5	175006	64	1494	1620	744764	923076

Type 5 #14 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	7	132358	69	1653	0	1365851	1500000
2	3	7	115075	100	1241	1690	1381694	1500000
3	2	7	82985	61	1183	0	1415710	1500000
4	3	7	1131528	86	1686	1283	365245	1500000
5	1	7	722368	88	0	0	777544	1500000
6	2	7	128227	53	1004	0	1370663	1500000
7	2	7	1237065	83	1404	0	261365	1500000
8	3	7	207810	82	1361	1047	1289536	1500000

Type 5 #15 5495 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	10	703359	67	1185	1399	216932	923076
2	2	10	823266	82	1126	0	98520	923076
3	2	10	871874	67	1933	0	49135	923076
4	1	10	759085	84	0	0	163907	923076
5	3	10	589023	78	1198	1194	331427	923076
6	1	10	544445	79	0	0	378552	923076
7	2	10	246812	89	1085	0	675001	923076
8	2	10	831660	78	1687	0	89573	923076
9	3	10	694667	87	1698	1952	224498	923076
10	3	10	477932	61	1902	1214	441845	923076
11	1	10	215362	79	0	0	707635	923076
12	1	10	460074	100	0	0	462902	923076
13	2	10	334425	93	1048	0	587417	923076

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Type 5 #16 5645 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	11	51298	71	1921	0	746639	800000
2	3	11	731725	62	1458	1603	65028	800000
3	3	11	408043	69	1062	1024	389664	800000
4	2	11	515564	51	1512	0	282822	800000
5	3	11	470311	63	1100	1689	326711	800000
6	2	11	259211	61	1427	0	539240	800000
7	3	11	405131	53	1087	1265	392358	800000
8	2	11	443728	95	1533	0	354549	800000
9	3	11	410276	59	1668	1476	386403	800000
10	1	11	52529	88	0	0	747383	800000
11	3	11	299435	91	1675	1648	496969	800000
12	3	11	289980	83	1832	1370	506569	800000
13	2	11	264503	78	1992	0	533349	800000
14	3	11	163977	50	1670	1613	632590	800000
15	1	11	17249	78	0	0	782673	800000

Type 5 #17 5499 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	19	310105	50	0	0	439845	750000
2	2	19	181586	98	1131	0	567087	750000
3	3	19	86162	53	1039	1350	661290	750000
4	2	19	564504	70	1183	0	184173	750000
5	3	19	67196	73	1781	1606	679198	750000
6	3	19	111847	68	1023	1406	635520	750000
7	3	19	392601	72	1094	1540	354549	750000
8	3	19	250217	92	1873	1012	496622	750000
9	1	19	62288	58	0	0	687654	750000
10	3	19	685149	60	1852	1929	60890	750000
11	3	19	394661	91	1231	1654	352181	750000
12	1	19	628233	89	0	0	121678	750000
13	3	19	430038	96	1193	1910	316571	750000
14	3	19	709730	94	1470	1383	37135	750000
15	1	19	233362	72	0	0	516566	750000
16	3	19	590986	88	1447	1824	155479	750000

Type 5 #18 5570 [Back to Summary]

Burst	Number of	Chirp Width	t1 usec	Pulse Width	t3 usec	t4 usec	t5 usec	Total
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Segment	Pulses	MHz		(t2) usec				Segment Length usec
1	2	6	379200	59	1718	0	618964	1000000
2	2	6	299150	67	1218	0	699498	1000000
3	2	6	459482	66	1447	0	538939	1000000
4	2	6	786189	51	1014	0	212695	1000000
5	1	6	357783	82	0	0	642135	1000000
6	1	6	192879	91	0	0	807030	1000000
7	3	6	674030	63	1430	1449	322902	1000000
8	1	6	786647	64	0	0	213289	1000000
9	2	6	341117	77	1094	0	657635	1000000
10	2	6	580098	71	1115	0	418645	1000000
11	1	6	465713	76	0	0	534211	1000000
12	2	6	541175	76	1893	0	456780	1000000

Type 5 #19 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	12	818870	94	1897	1065	377886	1200000
2	1	12	535254	98	0	0	664648	1200000
3	1	12	346104	85	0	0	853811	1200000
4	1	12	519020	98	0	0	680882	1200000
5	3	12	1058344	93	1248	1373	138756	1200000
6	3	12	26048	89	1336	1742	1170607	1200000
7	3	12	855230	65	1936	1806	340833	1200000
8	2	12	185245	52	1606	0	1013045	1200000
9	2	12	997974	82	1019	0	200843	1200000
10	3	12	165447	84	1478	1418	1031405	1200000

Type 5 #20 5647 [Back to Summary]

Burst 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	275129	100	0	0	356349	631578
2	2	5	477818	61	1447	0	152191	631578
3	1	5	268993	83	0	0	362502	631578
4	1	5	448076	92	0	0	183410	631578
5	3	5	519609	87	1947	1492	108269	631578
6	3	5	467141	63	1887	1474	160887	631578
7	2	5	318483	81	1303	0	311630	631578
8	3	5	258238	81	1550	1720	369827	631578
9	2	5	9844	76	1075	0	620507	631578
10	1	5	197229	100	0	0	434249	631578

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11	3	5	329042	80	1519	1600	299177	631578
12	2	5	481544	58	1679	0	148239	631578
13	3	5	219628	79	1139	1118	409456	631578
14	2	5	160580	96	1440	0	469366	631578
15	3	5	527358	88	1323	1374	101259	631578
16	3	5	345246	83	1134	1895	283054	631578
17	3	5	619039	52	1089	1704	9590	631578
18	1	5	347192	73	0	0	284313	631578
19	1	5	234924	83	0	0	396571	631578

Type 5 #21 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	1143971	75	0	0	355954	1500000
2	1	20	863114	79	0	0	636807	1500000
3	1	20	1303948	51	0	0	196001	1500000
4	2	20	644544	51	1146	0	854208	1500000
5	2	20	1133298	84	1940	0	364594	1500000
6	2	20	584587	72	1601	0	913668	1500000
7	2	20	813300	94	1687	0	684825	1500000
8	3	20	491452	57	1446	1499	1005432	1500000

Type 5 #22 5498 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	245158	64	1990	0	843633	1090909
2	3	18	890468	94	1023	1909	197227	1090909
3	2	18	662588	55	1162	0	427049	1090909
4	1	18	525372	97	0	0	565440	1090909
5	1	18	560790	75	0	0	530044	1090909
6	2	18	236142	82	1623	0	852980	1090909
7	2	18	585829	75	1383	0	503547	1090909
8	3	18	1079719	65	1680	1444	7871	1090909
9	3	18	108938	99	1634	1691	978349	1090909
10	2	18	86923	64	1166	0	1002692	1090909
11	2	18	16587	52	1805	0	1072413	1090909

Type 5 #23 5498 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	17	625303	75	1635	1434	462312	1090909

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2	1	17	818240	93	0	0	272576	1090909
3	2	17	939241	85	1674	0	149824	1090909
4	2	17	368672	59	1492	0	720627	1090909
5	3	17	724356	70	1331	1987	363025	1090909
6	3	17	880536	96	1070	1203	207812	1090909
7	3	17	978480	51	1156	1136	109984	1090909
8	1	17	346779	91	0	0	744039	1090909
9	3	17	794235	66	1968	1340	293168	1090909
10	1	17	940711	95	0	0	150103	1090909
11	1	17	448053	97	0	0	642759	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	428668	86	1659	1736	234345	666666
2	3	10	295771	86	1299	1283	368055	666666
3	1	10	488	81	0	0	666097	666666
4	1	10	595	100	0	0	665971	666666
5	3	10	532063	59	1908	1228	131290	666666
6	1	10	272730	88	0	0	393848	666666
7	3	10	110944	50	1971	1734	551867	666666
8	3	10	285311	61	1363	1486	378323	666666
9	2	10	427241	50	1593	0	237732	666666
10	1	10	420552	96	0	0	246018	666666
11	1	10	373219	84	0	0	293363	666666
12	2	10	118034	91	1430	0	547020	666666
13	2	10	320568	58	1754	0	344228	666666
14	1	10	52767	74	0	0	613825	666666
15	2	10	31831	66	1786	0	632917	666666
16	1	10	598612	66	0	0	67988	666666
17	2	10	560847	81	1159	0	104498	666666
18	3	10	116350	89	1704	1337	547008	666666

Type 5 #25 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	405937	84	1697	0	792198	1200000
2	2	5	1003685	54	1146	0	195061	1200000
3	3	5	1675	73	1629	1651	1194826	1200000
4	3	5	400683	90	1631	1017	796399	1200000
5	3	5	451864	55	1777	1918	744276	1200000
6	1	5	960269	100	0	0	239631	1200000

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7	2	5	1077554	50	1558	0	120788	1200000
8	2	5	977676	65	1215	0	220979	1200000
9	1	5	289591	99	0	0	910310	1200000
10	3	5	535793	74	1949	1941	660095	1200000

Type 5 #26 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	14	408641	71	1054	1711	294263	705882
2	3	14	401519	52	1014	1609	301584	705882
3	1	14	294266	78	0	0	411538	705882
4	3	14	376990	84	1061	1978	325601	705882
5	1	14	138423	94	0	0	567365	705882
6	2	14	344451	82	1444	0	359823	705882
7	1	14	431303	97	0	0	274482	705882
8	3	14	155331	58	1360	1806	547211	705882
9	3	14	590089	61	1099	1385	113126	705882
10	3	14	167534	98	1940	1222	534892	705882
11	3	14	198584	70	1219	1211	504658	705882
12	3	14	85257	51	1110	1600	617762	705882
13	3	14	179866	82	1790	1947	522033	705882
14	2	14	204023	94	1370	0	500301	705882
15	1	14	35953	55	0	0	669874	705882
16	2	14	40891	85	1689	0	663132	705882
17	2	14	276244	51	1178	0	428358	705882

Type 5 #27 5493 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	414195	75	0	0	335730	750000
2	3	6	476293	52	1926	1329	270296	750000
3	3	6	75542	94	1994	1116	671066	750000
4	3	6	71372	61	1456	1335	675654	750000
5	3	6	415820	74	1814	1463	330681	750000
6	3	6	483715	64	1507	1886	262700	750000
7	3	6	231903	91	1132	1932	514760	750000
8	3	6	114067	68	1821	1421	632487	750000
9	1	6	424131	90	0	0	325779	750000
10	1	6	251686	93	0	0	498221	750000
11	3	6	205053	59	1816	1496	541458	750000
12	1	6	301897	68	0	0	448035	750000
13	1	6	260824	54	0	0	489122	750000

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14	1	6	580446	54	0	0	169500	750000
15	3	6	190797	57	1574	1061	556397	750000
16	3	6	292656	83	1278	1087	454730	750000

Type 5 #28 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	17	23986	82	0	0	575932	600000
2	1	17	252378	69	0	0	347553	600000
3	1	17	504013	79	0	0	95908	600000
4	3	17	233549	69	1596	1498	363150	600000
5	3	17	44943	81	1921	1561	551332	600000
6	3	17	280778	54	1295	1983	315782	600000
7	3	17	199217	90	1389	1312	397812	600000
8	2	17	45465	94	1003	0	553344	600000
9	3	17	245673	99	1236	1677	351117	600000
10	3	17	361596	90	1514	1730	234890	600000
11	1	17	574264	95	0	0	25641	600000
12	1	17	57376	52	0	0	542572	600000
13	1	17	506796	51	0	0	93153	600000
14	1	17	178928	72	0	0	421000	600000
15	1	17	232266	96	0	0	367638	600000
16	2	17	267181	78	1065	0	331598	600000
17	2	17	112359	78	1671	0	485814	600000
18	3	17	255325	87	1778	1198	341438	600000
19	2	17	565877	69	1457	0	32528	600000
20	1	17	84391	53	0	0	515556	600000

Type 5 #29 5496 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	13	719641	84	1573	0	201694	923076
2	3	13	359661	92	1510	1722	559907	923076
3	2	13	59319	91	1153	0	862422	923076
4	3	13	427623	69	1938	1647	491661	923076
5	1	13	442335	72	0	0	480669	923076
6	1	13	834121	73	0	0	88882	923076
7	2	13	261593	81	1222	0	660099	923076
8	1	13	256712	60	0	0	666304	923076
9	2	13	317414	91	1869	0	603611	923076
10	2	13	53401	80	1256	0	868259	923076
11	1	13	100657	76	0	0	822343	923076

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12	3	13	494282	83	1128	1456	425961	923076
13	1	13	423899	79	0	0	499098	923076

Type 5 #30 5570 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	17	10282	66	0	0	621230	631578
2	3	17	356666	94	1892	1888	270850	631578
3	2	17	325672	86	1390	0	304344	631578
4	2	17	47790	50	1154	0	582534	631578
5	2	17	258771	99	1027	0	371582	631578
6	3	17	504905	71	1786	1338	123336	631578
7	1	17	310395	73	0	0	321110	631578
8	3	17	149771	96	1632	1399	478488	631578
9	2	17	465845	54	1012	0	164613	631578
10	2	17	98319	99	1251	0	531810	631578
11	3	17	190473	70	1784	1175	437936	631578
12	2	17	66581	80	1814	0	563023	631578
13	2	17	159036	56	1765	0	470665	631578
14	3	17	475459	73	1737	1579	152584	631578
15	1	17	567623	92	0	0	63863	631578
16	1	17	308359	72	0	0	323147	631578
17	2	17	55010	77	1556	0	574858	631578
18	2	17	300722	84	1526	0	329162	631578
19	2	17	83474	51	1586	0	546416	631578

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#01-5480	#02-5601	#03-5486	#04-5494	#05-5346	#06-5622	#07-5706	#08-5430	#09-5698	#10-5337
#11-5363	#12-5386	#13-5714	#14-5691	#15-5404	#16-5254	#17-5521	#18-5721	#19-5336	#20-5571
#21-5596	#22-5517	#23-5324	#24-5303	#25-5374	#26-5292	#27-5417	#28-5329	#29-5677	#30-5584
#31-5669	#32-5695	#33-5612	#34-5635	#35-5340	#36-5602	#37-5700	#38-5259	#39-5418	#40-5322
#41-5309	#42-5369	#43-5598	#44-5413	#45-5301	#46-5343	#47-5493	#48-5291	#49-5379	#50-5302
#51-5519	#52-5298	#53-5615	#54-5524	#55-5671	#56-5683	#57-5527	#58-5436	#59-5376	#60-5304
#61-5460	#62-5626	#63-5478	#64-5368	#65-5398	#66-5397	#67-5502	#68-5328	#69-5605	#70-5531
#71-5275	#72-5514	#73-5557	#74-5263	#75-5513	#76-5484	#77-5644	#78-5642	#79-5250	#80-5283
#81-5534	#82-5378	#83-5681	#84-5629	#85-5320	#86-5621	#87-5339	#88-5351	#89-5688	#90-5388
#91-5333	#92-5526	#93-5614	#94-5371	#95-5591	#96-5420	#97-5616	#98-5489	#99-5268	#100-5640

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#01-5566	#02-5414	#03-5415	#04-5574	#05-5275	#06-5255	#07-5472	#08-5601	#09-5259	#10-5442
#11-5296	#12-5610	#13-5432	#14-5338	#15-5504	#16-5335	#17-5670	#18-5577	#19-5298	#20-5498
#21-5310	#22-5405	#23-5366	#24-5479	#25-5449	#26-5486	#27-5627	#28-5443	#29-5395	#30-5353
#31-5597	#32-5406	#33-5629	#34-5340	#35-5447	#36-5363	#37-5685	#38-5360	#39-5605	#40-5313
#41-5402	#42-5465	#43-5333	#44-5506	#45-5334	#46-5455	#47-5343	#48-5535	#49-5593	#50-5518
#51-5474	#52-5287	#53-5448	#54-5508	#55-5587	#56-5417	#57-5301	#58-5669	#59-5381	#60-5529
#61-5361	#62-5279	#63-5464	#64-5641	#65-5581	#66-5623	#67-5712	#68-5345	#69-5628	#70-5392
#71-5380	#72-5565	#73-5702	#74-5709	#75-5347	#76-5579	#77-5318	#78-5599	#79-5396	#80-5723
#81-5394	#82-5348	#83-5584	#84-5619	#85-5617	#86-5556	#87-5690	#88-5378	#89-5491	#90-5276
#91-5307	#92-5266	#93-5706	#94-5329	#95-5681	#96-5374	#97-5253	#98-5435	#99-5654	#100-5454

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#01-5461	#02-5722	#03-5631	#04-5446	#05-5380	#06-5630	#07-5313	#08-5458	#09-5400	#10-5255
#11-5342	#12-5435	#13-5523	#14-5379	#15-5376	#16-5262	#17-5429	#18-5571	#19-5273	#20-5270
#21-5653	#22-5585	#23-5586	#24-5592	#25-5330	#26-5361	#27-5580	#28-5619	#29-5280	#30-5701
#31-5569	#32-5618	#33-5670	#34-5674	#35-5510	#36-5395	#37-5440	#38-5381	#39-5482	#40-5704
#41-5491	#42-5480	#43-5699	#44-5478	#45-5661	#46-5600	#47-5470	#48-5573	#49-5679	#50-5666
#51-5665	#52-5407	#53-5402	#54-5626	#55-5516	#56-5601	#57-5385	#58-5291	#59-5363	#60-5271
#61-5302	#62-5421	#63-5430	#64-5424	#65-5410	#66-5452	#67-5495	#68-5572	#69-5594	#70-5709
#71-5546	#72-5297	#73-5336	#74-5293	#75-5506	#76-5420	#77-5610	#78-5352	#79-5654	#80-5456
#81-5614	#82-5253	#83-5663	#84-5333	#85-5284	#86-5411	#87-5467	#88-5290	#89-5405	#90-5636
#91-5254	#92-5397	#93-5263	#94-5465	#95-5652	#96-5320	#97-5304	#98-5530	#99-5321	#100-5471

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#01-5359	#02-5622	#03-5706	#04-5695	#05-5369	#06-5616	#07-5320	#08-5362	#09-5376	#10-5344
#11-5719	#12-5282	#13-5364	#14-5638	#15-5386	#16-5297	#17-5485	#18-5345	#19-5396	#20-5250
#21-5711	#22-5455	#23-5423	#24-5683	#25-5701	#26-5406	#27-5286	#28-5603	#29-5368	#30-5441
#31-5377	#32-5333	#33-5289	#34-5449	#35-5346	#36-5716	#37-5271	#38-5688	#39-5686	#40-5398
#41-5339	#42-5354	#43-5636	#44-5310	#45-5635	#46-5693	#47-5284	#48-5352	#49-5326	#50-5601
#51-5560	#52-5674	#53-5394	#54-5317	#55-5483	#56-5629	#57-5463	#58-5269	#59-5717	#60-5689
#61-5579	#62-5450	#63-5721	#64-5658	#65-5694	#66-5628	#67-5718	#68-5639	#69-5540	#70-5400

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#71-5274	#72-5517	#73-5385	#74-5251	#75-5627	#76-5600	#77-5535	#78-5365	#79-5299	#80-5258
#81-5375	#82-5656	#83-5529	#84-5491	#85-5593	#86-5427	#87-5667	#88-5691	#89-5682	#90-5444
#91-5513	#92-5253	#93-5696	#94-5723	#95-5530	#96-5611	#97-5357	#98-5692	#99-5336	#100-5254

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#01-5701	#02-5363	#03-5528	#04-5658	#05-5578	#06-5293	#07-5550	#08-5382	#09-5405	#10-5589
#11-5344	#12-5343	#13-5698	#14-5710	#15-5575	#16-5643	#17-5633	#18-5483	#19-5311	#20-5527
#21-5685	#22-5271	#23-5675	#24-5356	#25-5601	#26-5273	#27-5538	#28-5381	#29-5443	#30-5262
#31-5503	#32-5560	#33-5274	#34-5297	#35-5282	#36-5252	#37-5388	#38-5596	#39-5630	#40-5556
#41-5590	#42-5539	#43-5540	#44-5355	#45-5342	#46-5421	#47-5280	#48-5715	#49-5400	#50-5614
#51-5712	#52-5593	#53-5637	#54-5523	#55-5292	#56-5678	#57-5414	#58-5425	#59-5309	#60-5553
#61-5475	#62-5424	#63-5664	#64-5393	#65-5333	#66-5505	#67-5323	#68-5653	#69-5679	#70-5572
#71-5507	#72-5291	#73-5579	#74-5478	#75-5665	#76-5396	#77-5455	#78-5571	#79-5264	#80-5436
#81-5721	#82-5548	#83-5707	#84-5552	#85-5277	#86-5636	#87-5648	#88-5465	#89-5254	#90-5329
#91-5564	#92-5686	#93-5532	#94-5327	#95-5334	#96-5420	#97-5604	#98-5402	#99-5270	#100-5557

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#01-5347	#02-5350	#03-5285	#04-5548	#05-5354	#06-5672	#07-5263	#08-5409	#09-5590	#10-5621
#11-5474	#12-5563	#13-5408	#14-5598	#15-5559	#16-5652	#17-5437	#18-5359	#19-5366	#20-5422
#21-5584	#22-5577	#23-5649	#24-5604	#25-5257	#26-5546	#27-5476	#28-5504	#29-5399	#30-5496
#31-5517	#32-5304	#33-5553	#34-5431	#35-5334	#36-5625	#37-5516	#38-5412	#39-5453	#40-5327
#41-5629	#42-5493	#43-5609	#44-5358	#45-5581	#46-5253	#47-5530	#48-5673	#49-5489	#50-5402
#51-5709	#52-5492	#53-5284	#54-5578	#55-5702	#56-5494	#57-5425	#58-5404	#59-5539	#60-5528
#61-5444	#62-5482	#63-5256	#64-5339	#65-5351	#66-5417	#67-5261	#68-5703	#69-5512	#70-5667
#71-5382	#72-5276	#73-5636	#74-5287	#75-5525	#76-5337	#77-5699	#78-5543	#79-5274	#80-5254
#81-5272	#82-5538	#83-5267	#84-5721	#85-5518	#86-5279	#87-5275	#88-5701	#89-5458	#90-5573
#91-5447	#92-5363	#93-5606	#94-5655	#95-5616	#96-5390	#97-5486	#98-5514	#99-5258	#100-5414

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#01-5718	#02-5553	#03-5406	#04-5550	#05-5270	#06-5681	#07-5587	#08-5724	#09-5304	#10-5609
#11-5519	#12-5612	#13-5382	#14-5532	#15-5505	#16-5636	#17-5466	#18-5260	#19-5552	#20-5329
#21-5396	#22-5283	#23-5492	#24-5668	#25-5467	#26-5276	#27-5401	#28-5704	#29-5399	#30-5379
#31-5578	#32-5436	#33-5533	#34-5589	#35-5259	#36-5440	#37-5373	#38-5437	#39-5699	#40-5558
#41-5411	#42-5271	#43-5648	#44-5571	#45-5295	#46-5557	#47-5697	#48-5314	#49-5389	#50-5695
#51-5643	#52-5475	#53-5679	#54-5649	#55-5263	#56-5684	#57-5311	#58-5462	#59-5334	#60-5719
#61-5526	#62-5605	#63-5572	#64-5644	#65-5284	#66-5338	#67-5330	#68-5517	#69-5521	#70-5320
#71-5507	#72-5286	#73-5288	#74-5722	#75-5640	#76-5377	#77-5362	#78-5647	#79-5622	#80-5633
#81-5303	#82-5344	#83-5563	#84-5428	#85-5461	#86-5354	#87-5479	#88-5606	#89-5574	#90-5300
#91-5384	#92-5634	#93-5357	#94-5705	#95-5275	#96-5525	#97-5423	#98-5723	#99-5537	#100-5678

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#01-5477	#02-5427	#03-5513	#04-5322	#05-5437	#06-5611	#07-5441	#08-5685	#09-5256	#10-5610
#11-5575	#12-5384	#13-5564	#14-5418	#15-5668	#16-5440	#17-5292	#18-5394	#19-5434	#20-5655
#21-5582	#22-5448	#23-5673	#24-5478	#25-5661	#26-5598	#27-5652	#28-5302	#29-5698	#30-5362

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#31-5682	#32-5357	#33-5356	#34-5665	#35-5407	#36-5595	#37-5549	#38-5491	#39-5716	#40-5573
#41-5633	#42-5517	#43-5599	#44-5690	#45-5446	#46-5720	#47-5318	#48-5656	#49-5284	#50-5554
#51-5483	#52-5273	#53-5535	#54-5605	#55-5346	#56-5280	#57-5476	#58-5285	#59-5382	#60-5559
#61-5681	#62-5383	#63-5712	#64-5614	#65-5647	#66-5460	#67-5274	#68-5619	#69-5259	#70-5319
#71-5609	#72-5521	#73-5401	#74-5577	#75-5268	#76-5312	#77-5563	#78-5707	#79-5277	#80-5663
#81-5520	#82-5719	#83-5265	#84-5385	#85-5597	#86-5651	#87-5538	#88-5470	#89-5557	#90-5374
#91-5365	#92-5509	#93-5351	#94-5400	#95-5620	#96-5494	#97-5526	#98-5709	#99-5288	#100-5708

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#01-5694	#02-5424	#03-5649	#04-5691	#05-5669	#06-5683	#07-5590	#08-5680	#09-5584	#10-5288
#11-5435	#12-5494	#13-5259	#14-5443	#15-5287	#16-5686	#17-5369	#18-5572	#19-5262	#20-5720
#21-5638	#22-5521	#23-5308	#24-5603	#25-5673	#26-5347	#27-5418	#28-5253	#29-5684	#30-5492
#31-5503	#32-5578	#33-5666	#34-5293	#35-5697	#36-5351	#37-5320	#38-5300	#39-5439	#40-5637
#41-5316	#42-5582	#43-5607	#44-5523	#45-5659	#46-5589	#47-5501	#48-5628	#49-5364	#50-5653
#51-5378	#52-5676	#53-5701	#54-5291	#55-5319	#56-5417	#57-5370	#58-5295	#59-5266	#60-5565
#61-5510	#62-5583	#63-5722	#64-5345	#65-5504	#66-5570	#67-5543	#68-5692	#69-5468	#70-5655
#71-5612	#72-5325	#73-5387	#74-5343	#75-5648	#76-5306	#77-5629	#78-5498	#79-5660	#80-5334
#81-5555	#82-5505	#83-5606	#84-5277	#85-5372	#86-5541	#87-5601	#88-5623	#89-5700	#90-5517
#91-5708	#92-5274	#93-5282	#94-5579	#95-5383	#96-5445	#97-5577	#98-5509	#99-5268	#100-5339

Type 6 #10 [Back to Summary]

#01-5294	#02-5539	#03-5411	#04-5427	#05-5289	#06-5306	#07-5545	#08-5608	#09-5359	#10-5261
#11-5508	#12-5589	#13-5354	#14-5660	#15-5257	#16-5253	#17-5701	#18-5694	#19-5700	#20-5681
#21-5693	#22-5641	#23-5719	#24-5668	#25-5676	#26-5588	#27-5291	#28-5517	#29-5684	#30-5457
#31-5439	#32-5370	#33-5485	#34-5575	#35-5287	#36-5278	#37-5350	#38-5438	#39-5713	#40-5316
#41-5258	#42-5252	#43-5522	#44-5683	#45-5272	#46-5375	#47-5642	#48-5353	#49-5580	#50-5382
#51-5473	#52-5618	#53-5541	#54-5314	#55-5371	#56-5381	#57-5546	#58-5466	#59-5474	#60-5423
#61-5268	#62-5276	#63-5640	#64-5622	#65-5548	#66-5394	#67-5352	#68-5500	#69-5619	#70-5706
#71-5627	#72-5512	#73-5705	#74-5633	#75-5671	#76-5690	#77-5376	#78-5285	#79-5648	#80-5557
#81-5665	#82-5658	#83-5655	#84-5555	#85-5712	#86-5535	#87-5543	#88-5426	#89-5460	#90-5628
#91-5452	#92-5601	#93-5688	#94-5532	#95-5302	#96-5709	#97-5334	#98-5611	#99-5391	#100-5596

Type 6 #11 [Back to Summary]

#01-5270	#02-5399	#03-5454	#04-5602	#05-5473	#06-5685	#07-5641	#08-5630	#09-5357	#10-5396
#11-5253	#12-5514	#13-5537	#14-5637	#15-5474	#16-5325	#17-5335	#18-5332	#19-5638	#20-5252
#21-5562	#22-5648	#23-5285	#24-5709	#25-5499	#26-5271	#27-5546	#28-5414	#29-5589	#30-5693
#31-5609	#32-5472	#33-5614	#34-5298	#35-5538	#36-5521	#37-5459	#38-5312	#39-5342	#40-5279
#41-5627	#42-5649	#43-5321	#44-5318	#45-5634	#46-5670	#47-5327	#48-5306	#49-5322	#50-5699
#51-5621	#52-5250	#53-5712	#54-5391	#55-5296	#56-5356	#57-5372	#58-5471	#59-5360	#60-5455
#61-5395	#62-5484	#63-5292	#64-5400	#65-5517	#66-5508	#67-5623	#68-5494	#69-5353	#70-5678
#71-5588	#72-5275	#73-5719	#74-5607	#75-5358	#76-5644	#77-5575	#78-5692	#79-5330	#80-5555
#81-5671	#82-5491	#83-5349	#84-5613	#85-5320	#86-5605	#87-5489	#88-5478	#89-5254	#90-5442
#91-5413	#92-5717	#93-5683	#94-5606	#95-5610	#96-5404	#97-5597	#98-5656	#99-5528	#100-5383

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Type 6 #12 [Back to Summary]									
#01-5295	#02-5558	#03-5683	#04-5367	#05-5358	#06-5600	#07-5256	#08-5351	#09-5287	#10-5382
#11-5499	#12-5401	#13-5398	#14-5524	#15-5509	#16-5625	#17-5387	#18-5403	#19-5323	#20-5630
#21-5266	#22-5400	#23-5491	#24-5634	#25-5522	#26-5599	#27-5315	#28-5359	#29-5721	#30-5677
#31-5286	#32-5649	#33-5419	#34-5671	#35-5512	#36-5363	#37-5535	#38-5701	#39-5510	#40-5445
#41-5604	#42-5389	#43-5443	#44-5597	#45-5668	#46-5259	#47-5572	#48-5416	#49-5352	#50-5715
#51-5263	#52-5459	#53-5581	#54-5627	#55-5364	#56-5624	#57-5319	#58-5302	#59-5573	#60-5486
#61-5538	#62-5626	#63-5354	#64-5335	#65-5342	#66-5576	#67-5709	#68-5453	#69-5261	#70-5399
#71-5340	#72-5417	#73-5617	#74-5607	#75-5275	#76-5605	#77-5682	#78-5616	#79-5690	#80-5508
#81-5278	#82-5632	#83-5252	#84-5255	#85-5664	#86-5554	#87-5318	#88-5513	#89-5556	#90-5611
#91-5296	#92-5480	#93-5381	#94-5276	#95-5638	#96-5705	#97-5285	#98-5360	#99-5504	#100-5346

Type 6 #13 [Back to Summary]									
#01-5275	#02-5372	#03-5402	#04-5684	#05-5624	#06-5578	#07-5563	#08-5701	#09-5601	#10-5483
#11-5668	#12-5428	#13-5337	#14-5313	#15-5458	#16-5632	#17-5619	#18-5349	#19-5396	#20-5510
#21-5507	#22-5446	#23-5616	#24-5374	#25-5351	#26-5584	#27-5280	#28-5591	#29-5698	#30-5293
#31-5569	#32-5574	#33-5359	#34-5595	#35-5481	#36-5633	#37-5474	#38-5292	#39-5355	#40-5333
#41-5717	#42-5339	#43-5636	#44-5320	#45-5667	#46-5585	#47-5392	#48-5311	#49-5537	#50-5724
#51-5331	#52-5657	#53-5682	#54-5718	#55-5552	#56-5547	#57-5475	#58-5272	#59-5576	#60-5287
#61-5541	#62-5696	#63-5252	#64-5553	#65-5638	#66-5343	#67-5318	#68-5465	#69-5550	#70-5546
#71-5407	#72-5573	#73-5716	#74-5309	#75-5514	#76-5418	#77-5531	#78-5538	#79-5432	#80-5487
#81-5441	#82-5691	#83-5300	#84-5695	#85-5683	#86-5640	#87-5615	#88-5367	#89-5283	#90-5653
#91-5400	#92-5448	#93-5434	#94-5315	#95-5506	#96-5266	#97-5340	#98-5326	#99-5411	#100-5571

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#11-5264	#12-5657	#13-5564	#14-5339	#15-5569	#16-5578	#17-5643	#18-5280	#19-5595	#20-5723
#21-5444	#22-5677	#23-5427	#24-5623	#25-5398	#26-5679	#27-5385	#28-5650	#29-5519	#30-5496
#31-5327	#32-5459	#33-5380	#34-5581	#35-5697	#36-5516	#37-5455	#38-5314	#39-5373	#40-5452
#41-5701	#42-5722	#43-5637	#44-5615	#45-5635	#46-5463	#47-5603	#48-5341	#49-5467	#50-5656
#51-5344	#52-5303	#53-5447	#54-5406	#55-5369	#56-5558	#57-5462	#58-5576	#59-5551	#60-5610
#61-5333	#62-5259	#63-5343	#64-5673	#65-5306	#66-5523	#67-5517	#68-5707	#69-5363	#70-5294
#71-5364	#72-5573	#73-5624	#74-5389	#75-5269	#76-5443	#77-5283	#78-5533	#79-5709	#80-5658
#81-5316	#82-5291	#83-5426	#84-5587	#85-5400	#86-5271	#87-5257	#88-5698	#89-5457	#90-5381
#91-5305	#92-5601	#93-5486	#94-5489	#95-5365	#96-5689	#97-5622	#98-5691	#99-5554	#100-5359

Type 6 #15 [Back to Summary]									
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#11-5528	#12-5654	#13-5594	#14-5621	#15-5544	#16-5294	#17-5554	#18-5479	#19-5519	#20-5286
#21-5514	#22-5547	#23-5496	#24-5711	#25-5717	#26-5483	#27-5340	#28-5384	#29-5273	#30-5304
#31-5551	#32-5317	#33-5699	#34-5596	#35-5712	#36-5415	#37-5315	#38-5256	#39-5298	#40-5628
#41-5589	#42-5670	#43-5558	#44-5527	#45-5576	#46-5374	#47-5257	#48-5584	#49-5665	#50-5323
#51-5385	#52-5392	#53-5421	#54-5517	#55-5570	#56-5372	#57-5375	#58-5718	#59-5431	#60-5300
#61-5406	#62-5266	#63-5288	#64-5337	#65-5352	#66-5463	#67-5679	#68-5724	#69-5636	#70-5379

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#71-5701	#72-5546	#73-5437	#74-5616	#75-5424	#76-5569	#77-5710	#78-5689	#79-5382	#80-5590
#81-5477	#82-5476	#83-5446	#84-5675	#85-5641	#86-5408	#87-5618	#88-5428	#89-5275	#90-5585
#91-5289	#92-5325	#93-5548	#94-5721	#95-5470	#96-5572	#97-5632	#98-5469	#99-5432	#100-5361

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#01-5422	#02-5257	#03-5675	#04-5538	#05-5341	#06-5562	#07-5682	#08-5526	#09-5351	#10-5250
#11-5387	#12-5410	#13-5585	#14-5566	#15-5544	#16-5649	#17-5545	#18-5333	#19-5416	#20-5666
#21-5567	#22-5497	#23-5699	#24-5298	#25-5337	#26-5630	#27-5722	#28-5437	#29-5394	#30-5573
#31-5660	#32-5486	#33-5508	#34-5268	#35-5418	#36-5472	#37-5529	#38-5633	#39-5589	#40-5329
#41-5450	#42-5344	#43-5324	#44-5275	#45-5452	#46-5608	#47-5464	#48-5711	#49-5427	#50-5550
#51-5280	#52-5551	#53-5307	#54-5490	#55-5523	#56-5648	#57-5285	#58-5626	#59-5449	#60-5434
#61-5568	#62-5494	#63-5379	#64-5504	#65-5313	#66-5623	#67-5625	#68-5571	#69-5393	#70-5319
#71-5367	#72-5641	#73-5471	#74-5332	#75-5465	#76-5473	#77-5420	#78-5677	#79-5578	#80-5456
#81-5412	#82-5261	#83-5259	#84-5577	#85-5546	#86-5361	#87-5431	#88-5271	#89-5470	#90-5500
#91-5440	#92-5637	#93-5432	#94-5399	#95-5499	#96-5687	#97-5691	#98-5554	#99-5690	#100-5559

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#01-5708	#02-5621	#03-5563	#04-5356	#05-5430	#06-5366	#07-5326	#08-5699	#09-5274	#10-5303
#11-5476	#12-5336	#13-5304	#14-5719	#15-5267	#16-5552	#17-5487	#18-5537	#19-5684	#20-5674
#21-5441	#22-5601	#23-5350	#24-5624	#25-5604	#26-5463	#27-5453	#28-5319	#29-5565	#30-5509
#31-5508	#32-5597	#33-5712	#34-5266	#35-5471	#36-5519	#37-5419	#38-5628	#39-5389	#40-5424
#41-5284	#42-5456	#43-5721	#44-5411	#45-5270	#46-5355	#47-5577	#48-5439	#49-5384	#50-5664
#51-5447	#52-5400	#53-5588	#54-5257	#55-5365	#56-5357	#57-5526	#58-5665	#59-5480	#60-5691
#61-5639	#62-5258	#63-5386	#64-5494	#65-5523	#66-5603	#67-5346	#68-5287	#69-5499	#70-5477
#71-5381	#72-5585	#73-5399	#74-5515	#75-5645	#76-5707	#77-5609	#78-5660	#79-5606	#80-5503
#81-5614	#82-5264	#83-5659	#84-5625	#85-5313	#86-5359	#87-5260	#88-5702	#89-5630	#90-5368
#91-5720	#92-5482	#93-5402	#94-5421	#95-5514	#96-5278	#97-5322	#98-5483	#99-5618	#100-5395

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#01-5255	#02-5540	#03-5667	#04-5634	#05-5533	#06-5586	#07-5252	#08-5328	#09-5342	#10-5381
#11-5474	#12-5588	#13-5311	#14-5700	#15-5332	#16-5623	#17-5324	#18-5486	#19-5428	#20-5412
#21-5592	#22-5371	#23-5385	#24-5382	#25-5480	#26-5625	#27-5435	#28-5702	#29-5722	#30-5616
#31-5639	#32-5376	#33-5290	#34-5461	#35-5498	#36-5320	#37-5322	#38-5275	#39-5343	#40-5454
#41-5358	#42-5660	#43-5612	#44-5502	#45-5618	#46-5388	#47-5424	#48-5430	#49-5341	#50-5614
#51-5678	#52-5561	#53-5300	#54-5462	#55-5530	#56-5610	#57-5410	#58-5541	#59-5408	#60-5641
#61-5405	#62-5276	#63-5330	#64-5453	#65-5473	#66-5350	#67-5550	#68-5577	#69-5458	#70-5259
#71-5555	#72-5297	#73-5400	#74-5703	#75-5304	#76-5661	#77-5490	#78-5609	#79-5493	#80-5348
#81-5457	#82-5257	#83-5615	#84-5362	#85-5670	#86-5326	#87-5323	#88-5564	#89-5662	#90-5611
#91-5645	#92-5514	#93-5595	#94-5432	#95-5295	#96-5331	#97-5580	#98-5419	#99-5280	#100-5524

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#01-5562	#02-5570	#03-5697	#04-5331	#05-5313	#06-5628	#07-5414	#08-5326	#09-5402	#10-5596
#11-5378	#12-5523	#13-5300	#14-5310	#15-5436	#16-5398	#17-5393	#18-5696	#19-5509	#20-5391
#21-5272	#22-5712	#23-5644	#24-5568	#25-5346	#26-5289	#27-5433	#28-5692	#29-5653	#30-5702

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#31-5329	#32-5319	#33-5578	#34-5689	#35-5506	#36-5606	#37-5282	#38-5528	#39-5293	#40-5285
#41-5636	#42-5722	#43-5410	#44-5311	#45-5483	#46-5368	#47-5461	#48-5534	#49-5718	#50-5623
#51-5660	#52-5605	#53-5627	#54-5612	#55-5494	#56-5573	#57-5650	#58-5380	#59-5710	#60-5270
#61-5449	#62-5446	#63-5399	#64-5426	#65-5516	#66-5308	#67-5669	#68-5337	#69-5529	#70-5550
#71-5363	#72-5586	#73-5651	#74-5471	#75-5478	#76-5274	#77-5553	#78-5582	#79-5338	#80-5703
#81-5554	#82-5619	#83-5698	#84-5276	#85-5290	#86-5445	#87-5416	#88-5683	#89-5447	#90-5654
#91-5676	#92-5624	#93-5537	#94-5266	#95-5557	#96-5440	#97-5569	#98-5706	#99-5511	#100-5420

Type 6 #20 [Back to Summary]									
#01-5419	#02-5373	#03-5253	#04-5417	#05-5514	#06-5323	#07-5681	#08-5409	#09-5387	#10-5472
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#31-5432	#32-5575	#33-5317	#34-5642	#35-5537	#36-5438	#37-5620	#38-5535	#39-5494	#40-5694
#41-5492	#42-5256	#43-5553	#44-5702	#45-5638	#46-5611	#47-5584	#48-5533	#49-5555	#50-5262
#51-5696	#52-5453	#53-5571	#54-5444	#55-5525	#56-5435	#57-5485	#58-5378	#59-5544	#60-5304
#61-5278	#62-5301	#63-5501	#64-5350	#65-5293	#66-5423	#67-5251	#68-5383	#69-5452	#70-5259
#71-5663	#72-5666	#73-5607	#74-5418	#75-5562	#76-5619	#77-5406	#78-5644	#79-5690	#80-5712
#81-5599	#82-5488	#83-5331	#84-5627	#85-5320	#86-5700	#87-5252	#88-5594	#89-5362	#90-5351
#91-5675	#92-5490	#93-5717	#94-5439	#95-5667	#96-5442	#97-5482	#98-5456	#99-5659	#100-5465

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#11-5280	#12-5572	#13-5417	#14-5558	#15-5430	#16-5514	#17-5698	#18-5601	#19-5282	#20-5318
#21-5421	#22-5381	#23-5268	#24-5352	#25-5309	#26-5425	#27-5673	#28-5419	#29-5479	#30-5368
#31-5386	#32-5681	#33-5704	#34-5480	#35-5350	#36-5397	#37-5402	#38-5507	#39-5550	#40-5284
#41-5376	#42-5577	#43-5709	#44-5455	#45-5316	#46-5353	#47-5322	#48-5412	#49-5256	#50-5407
#51-5476	#52-5611	#53-5429	#54-5596	#55-5293	#56-5488	#57-5443	#58-5713	#59-5498	#60-5634
#61-5339	#62-5411	#63-5657	#64-5505	#65-5511	#66-5328	#67-5600	#68-5668	#69-5465	#70-5285
#71-5367	#72-5451	#73-5303	#74-5724	#75-5670	#76-5579	#77-5400	#78-5551	#79-5279	#80-5684
#81-5354	#82-5523	#83-5416	#84-5327	#85-5627	#86-5513	#87-5519	#88-5364	#89-5442	#90-5603
#91-5688	#92-5420	#93-5261	#94-5647	#95-5671	#96-5694	#97-5644	#98-5469	#99-5672	#100-5716

Type 6 #22 [Back to Summary]									
#01-5480	#02-5379	#03-5673	#04-5697	#05-5284	#06-5274	#07-5552	#08-5420	#09-5647	#10-5443
#11-5331	#12-5614	#13-5678	#14-5532	#15-5528	#16-5547	#17-5722	#18-5577	#19-5598	#20-5724
#21-5539	#22-5479	#23-5477	#24-5586	#25-5322	#26-5676	#27-5426	#28-5382	#29-5303	#30-5699
#31-5652	#32-5658	#33-5594	#34-5292	#35-5447	#36-5693	#37-5562	#38-5432	#39-5289	#40-5593
#41-5672	#42-5337	#43-5434	#44-5713	#45-5508	#46-5319	#47-5455	#48-5452	#49-5360	#50-5369
#51-5692	#52-5312	#53-5582	#54-5667	#55-5417	#56-5720	#57-5618	#58-5334	#59-5619	#60-5329
#61-5564	#62-5411	#63-5363	#64-5666	#65-5507	#66-5391	#67-5264	#68-5631	#69-5330	#70-5554
#71-5704	#72-5527	#73-5531	#74-5251	#75-5295	#76-5451	#77-5293	#78-5490	#79-5323	#80-5253
#81-5468	#82-5698	#83-5270	#84-5651	#85-5255	#86-5587	#87-5327	#88-5643	#89-5591	#90-5453
#91-5324	#92-5481	#93-5535	#94-5681	#95-5278	#96-5505	#97-5695	#98-5488	#99-5448	#100-5371

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Type 6 #23 [Back to Summary]									
#01-5304	#02-5548	#03-5374	#04-5528	#05-5391	#06-5412	#07-5503	#08-5587	#09-5627	#10-5694
#11-5677	#12-5379	#13-5262	#14-5620	#15-5585	#16-5594	#17-5395	#18-5434	#19-5668	#20-5647
#21-5319	#22-5340	#23-5289	#24-5602	#25-5486	#26-5474	#27-5721	#28-5576	#29-5699	#30-5510
#31-5478	#32-5527	#33-5288	#34-5678	#35-5671	#36-5644	#37-5571	#38-5462	#39-5512	#40-5564
#41-5335	#42-5459	#43-5273	#44-5625	#45-5497	#46-5665	#47-5463	#48-5641	#49-5345	#50-5404
#51-5360	#52-5511	#53-5544	#54-5526	#55-5298	#56-5689	#57-5502	#58-5490	#59-5290	#60-5639
#61-5410	#62-5649	#63-5608	#64-5358	#65-5454	#66-5393	#67-5336	#68-5307	#69-5673	#70-5663
#71-5266	#72-5652	#73-5637	#74-5348	#75-5555	#76-5577	#77-5314	#78-5385	#79-5350	#80-5542
#81-5255	#82-5326	#83-5477	#84-5538	#85-5399	#86-5696	#87-5709	#88-5481	#89-5624	#90-5711
#91-5386	#92-5327	#93-5425	#94-5597	#95-5403	#96-5415	#97-5575	#98-5634	#99-5414	#100-5351

Type 6 #24 [Back to Summary]									
#01-5577	#02-5408	#03-5695	#04-5406	#05-5388	#06-5437	#07-5596	#08-5449	#09-5696	#10-5444
#11-5622	#12-5366	#13-5392	#14-5472	#15-5634	#16-5333	#17-5417	#18-5317	#19-5687	#20-5496
#21-5416	#22-5579	#23-5403	#24-5686	#25-5526	#26-5662	#27-5477	#28-5289	#29-5669	#30-5390
#31-5251	#32-5402	#33-5700	#34-5723	#35-5691	#36-5569	#37-5353	#38-5321	#39-5399	#40-5683
#41-5343	#42-5510	#43-5515	#44-5435	#45-5334	#46-5269	#47-5657	#48-5677	#49-5689	#50-5313
#51-5722	#52-5508	#53-5667	#54-5639	#55-5654	#56-5721	#57-5254	#58-5259	#59-5600	#60-5453
#61-5679	#62-5550	#63-5500	#64-5548	#65-5442	#66-5467	#67-5389	#68-5391	#69-5502	#70-5307
#71-5703	#72-5339	#73-5636	#74-5250	#75-5396	#76-5625	#77-5311	#78-5694	#79-5593	#80-5505
#81-5253	#82-5520	#83-5324	#84-5598	#85-5393	#86-5468	#87-5457	#88-5300	#89-5308	#90-5692
#91-5565	#92-5349	#93-5446	#94-5666	#95-5255	#96-5519	#97-5261	#98-5680	#99-5714	#100-5588

Type 6 #25 [Back to Summary]									
#01-5599	#02-5514	#03-5427	#04-5630	#05-5337	#06-5632	#07-5588	#08-5674	#09-5494	#10-5279
#11-5658	#12-5282	#13-5382	#14-5350	#15-5448	#16-5415	#17-5479	#18-5623	#19-5405	#20-5701
#21-5262	#22-5341	#23-5333	#24-5534	#25-5468	#26-5604	#27-5622	#28-5694	#29-5723	#30-5603
#31-5624	#32-5353	#33-5705	#34-5255	#35-5629	#36-5460	#37-5340	#38-5419	#39-5513	#40-5488
#41-5598	#42-5505	#43-5530	#44-5281	#45-5288	#46-5537	#47-5690	#48-5343	#49-5474	#50-5560
#51-5289	#52-5360	#53-5529	#54-5266	#55-5580	#56-5506	#57-5430	#58-5619	#59-5410	#60-5457
#61-5257	#62-5620	#63-5676	#64-5614	#65-5378	#66-5554	#67-5303	#68-5377	#69-5443	#70-5712
#71-5323	#72-5310	#73-5362	#74-5646	#75-5348	#76-5481	#77-5538	#78-5304	#79-5497	#80-5657
#81-5641	#82-5531	#83-5466	#84-5411	#85-5569	#86-5518	#87-5549	#88-5691	#89-5397	#90-5373
#91-5280	#92-5445	#93-5256	#94-5307	#95-5483	#96-5709	#97-5561	#98-5645	#99-5631	#100-5455

Type 6 #26 [Back to Summary]									
#01-5485	#02-5564	#03-5623	#04-5488	#05-5486	#06-5703	#07-5723	#08-5611	#09-5643	#10-5349
#11-5696	#12-5375	#13-5372	#14-5479	#15-5545	#16-5449	#17-5400	#18-5513	#19-5295	#20-5585
#21-5256	#22-5334	#23-5702	#24-5319	#25-5678	#26-5601	#27-5300	#28-5303	#29-5411	#30-5363
#31-5648	#32-5617	#33-5401	#34-5286	#35-5421	#36-5323	#37-5631	#38-5704	#39-5649	#40-5586
#41-5518	#42-5660	#43-5293	#44-5296	#45-5402	#46-5627	#47-5322	#48-5500	#49-5481	#50-5276
#51-5554	#52-5291	#53-5592	#54-5289	#55-5451	#56-5399	#57-5583	#58-5551	#59-5533	#60-5609
#61-5654	#62-5671	#63-5448	#64-5529	#65-5428	#66-5330	#67-5701	#68-5339	#69-5313	#70-5472

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#71-5543	#72-5425	#73-5589	#74-5433	#75-5317	#76-5325	#77-5287	#78-5658	#79-5645	#80-5302
#81-5530	#82-5525	#83-5546	#84-5384	#85-5532	#86-5605	#87-5271	#88-5361	#89-5563	#90-5267
#91-5463	#92-5336	#93-5422	#94-5285	#95-5667	#96-5574	#97-5461	#98-5492	#99-5596	#100-5327

Type 6 #27 [Back to Summary]									
#01-5651	#02-5710	#03-5436	#04-5259	#05-5458	#06-5381	#07-5428	#08-5411	#09-5698	#10-5377
#11-5356	#12-5654	#13-5630	#14-5484	#15-5327	#16-5374	#17-5373	#18-5316	#19-5724	#20-5549
#21-5302	#22-5593	#23-5500	#24-5290	#25-5261	#26-5469	#27-5254	#28-5553	#29-5497	#30-5472
#31-5588	#32-5529	#33-5313	#34-5576	#35-5376	#36-5547	#37-5341	#38-5538	#39-5650	#40-5402
#41-5427	#42-5591	#43-5387	#44-5438	#45-5639	#46-5535	#47-5423	#48-5664	#49-5686	#50-5540
#51-5450	#52-5392	#53-5492	#54-5293	#55-5268	#56-5308	#57-5466	#58-5397	#59-5722	#60-5716
#61-5375	#62-5607	#63-5643	#64-5483	#65-5520	#66-5561	#67-5596	#68-5307	#69-5357	#70-5511
#71-5283	#72-5569	#73-5395	#74-5579	#75-5370	#76-5444	#77-5462	#78-5315	#79-5380	#80-5457
#81-5292	#82-5321	#83-5598	#84-5682	#85-5271	#86-5451	#87-5286	#88-5267	#89-5564	#90-5320
#91-5337	#92-5673	#93-5544	#94-5661	#95-5274	#96-5555	#97-5674	#98-5633	#99-5644	#100-5335

Type 6 #28 [Back to Summary]									
#01-5666	#02-5363	#03-5551	#04-5427	#05-5502	#06-5608	#07-5722	#08-5639	#09-5646	#10-5549
#11-5573	#12-5395	#13-5265	#14-5517	#15-5674	#16-5306	#17-5263	#18-5686	#19-5457	#20-5321
#21-5516	#22-5572	#23-5475	#24-5293	#25-5423	#26-5340	#27-5278	#28-5460	#29-5552	#30-5553
#31-5494	#32-5556	#33-5397	#34-5297	#35-5511	#36-5655	#37-5489	#38-5410	#39-5428	#40-5385
#41-5447	#42-5370	#43-5345	#44-5253	#45-5467	#46-5662	#47-5654	#48-5267	#49-5709	#50-5692
#51-5533	#52-5708	#53-5418	#54-5574	#55-5538	#56-5341	#57-5613	#58-5507	#59-5252	#60-5411
#61-5584	#62-5512	#63-5337	#64-5346	#65-5307	#66-5272	#67-5724	#68-5694	#69-5259	#70-5273
#71-5542	#72-5582	#73-5506	#74-5325	#75-5602	#76-5398	#77-5478	#78-5473	#79-5558	#80-5488
#81-5412	#82-5262	#83-5477	#84-5593	#85-5274	#86-5518	#87-5383	#88-5561	#89-5484	#90-5420
#91-5296	#92-5707	#93-5408	#94-5269	#95-5537	#96-5663	#97-5288	#98-5250	#99-5675	#100-5446

Type 6 #29 [Back to Summary]									
#01-5661	#02-5684	#03-5258	#04-5690	#05-5399	#06-5678	#07-5450	#08-5347	#09-5696	#10-5391
#11-5587	#12-5386	#13-5679	#14-5487	#15-5251	#16-5566	#17-5286	#18-5478	#19-5326	#20-5519
#21-5610	#22-5421	#23-5460	#24-5562	#25-5702	#26-5554	#27-5416	#28-5492	#29-5514	#30-5659
#31-5361	#32-5475	#33-5526	#34-5354	#35-5551	#36-5448	#37-5254	#38-5511	#39-5433	#40-5312
#41-5309	#42-5285	#43-5584	#44-5341	#45-5558	#46-5630	#47-5277	#48-5646	#49-5265	#50-5689
#51-5625	#52-5530	#53-5648	#54-5403	#55-5559	#56-5489	#57-5471	#58-5418	#59-5714	#60-5570
#61-5510	#62-5682	#63-5556	#64-5284	#65-5279	#66-5362	#67-5590	#68-5576	#69-5660	#70-5523
#71-5565	#72-5495	#73-5295	#74-5263	#75-5454	#76-5579	#77-5564	#78-5368	#79-5259	#80-5323
#81-5529	#82-5493	#83-5474	#84-5549	#85-5291	#86-5561	#87-5550	#88-5372	#89-5522	#90-5315
#91-5705	#92-5563	#93-5520	#94-5600	#95-5521	#96-5352	#97-5446	#98-5546	#99-5314	#100-5437

Type 6 #30 [Back to Summary]									
#01-5292	#02-5429	#03-5710	#04-5464	#05-5374	#06-5378	#07-5489	#08-5637	#09-5670	#10-5706
#11-5650	#12-5353	#13-5411	#14-5639	#15-5287	#16-5266	#17-5455	#18-5256	#19-5721	#20-5446
#21-5535	#22-5467	#23-5301	#24-5598	#25-5549	#26-5254	#27-5698	#28-5425	#29-5463	#30-5355

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#31-5372	#32-5267	#33-5309	#34-5542	#35-5281	#36-5352	#37-5514	#38-5265	#39-5431	#40-5634
#41-5325	#42-5641	#43-5430	#44-5546	#45-5389	#46-5597	#47-5401	#48-5608	#49-5557	#50-5511
#51-5623	#52-5450	#53-5555	#54-5593	#55-5633	#56-5554	#57-5380	#58-5361	#59-5644	#60-5369
#61-5405	#62-5313	#63-5428	#64-5569	#65-5586	#66-5642	#67-5300	#68-5599	#69-5614	#70-5666
#71-5484	#72-5442	#73-5556	#74-5336	#75-5375	#76-5621	#77-5289	#78-5487	#79-5470	#80-5680
#81-5582	#82-5342	#83-5600	#84-5682	#85-5459	#86-5656	#87-5439	#88-5440	#89-5631	#90-5453
#91-5699	#92-5397	#93-5346	#94-5307	#95-5488	#96-5259	#97-5472	#98-5584	#99-5685	#100-5478

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Type 5 #1 5578 [Back to Summary]

Burst 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	297518	76	1064	1046	623220	923076
2	2	17	844510	67	1882	0	76550	923076
3	1	17	161579	85	0	0	761412	923076
4	2	17	46147	72	1740	0	875045	923076
5	2	17	65103	53	1950	0	855917	923076
6	1	17	571737	59	0	0	351280	923076
7	2	17	194484	95	1580	0	726822	923076
8	3	17	181713	100	1098	1348	738617	923076
9	2	17	872851	90	1855	0	48190	923076
10	1	17	490968	58	0	0	432050	923076
11	2	17	331108	87	1755	0	590039	923076
12	1	17	241196	90	0	0	681790	923076
13	3	17	212497	90	1131	1597	707581	923076

Type 5 #2 5646 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	7	381560	54	1157	0	367175	750000
2	3	7	101384	60	1048	1859	645529	750000
3	2	7	97712	72	1054	0	651090	750000
4	2	7	322264	85	1116	0	426450	750000
5	3	7	52468	68	1793	1065	694470	750000
6	2	7	514923	81	1610	0	233305	750000
7	3	7	193875	67	1075	1648	553201	750000
8	3	7	35327	61	1582	1518	711390	750000
9	2	7	233315	77	1151	0	515380	750000
10	1	7	279259	93	0	0	470648	750000
11	2	7	273370	88	1652	0	474802	750000
12	3	7	185897	78	1795	1581	560493	750000
13	1	7	70065	72	0	0	679863	750000
14	3	7	663800	63	1533	1214	83264	750000
15	2	7	103374	96	1435	0	644999	750000
16	2	7	333745	90	1402	0	414673	750000

Type 5 #3 5575 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
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1	3	11	834	61	1477	1287	796219	800000
2	1	11	164703	57	0	0	635240	800000
3	3	11	517397	52	1689	1039	279719	800000
4	3	11	309332	74	1173	1837	487436	800000
5	1	11	314638	63	0	0	485299	800000
6	1	11	498054	100	0	0	301846	800000
7	1	11	445040	63	0	0	354897	800000
8	2	11	360516	65	1738	0	437616	800000
9	2	11	745644	92	1280	0	52892	800000
10	2	11	651263	87	1713	0	146850	800000
11	1	11	146233	85	0	0	653682	800000
12	3	11	414292	60	1548	1006	382974	800000
13	1	11	522810	87	0	0	277103	800000
14	2	11	106945	53	1663	0	691286	800000
15	3	11	585495	66	1911	1127	211269	800000

Type 5 #4 5610 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	5	228191	100	1180	1402	518927	750000
2	1	5	591603	86	0	0	158311	750000
3	1	5	306200	76	0	0	443724	750000
4	3	5	696877	88	1628	1874	49357	750000
5	1	5	363559	79	0	0	386362	750000
6	1	5	337149	79	0	0	412772	750000
7	3	5	364262	63	1449	1712	382388	750000
8	2	5	373558	87	1903	0	374365	750000
9	3	5	28252	79	1845	1786	717880	750000
10	2	5	188181	54	1627	0	560084	750000
11	1	5	552052	61	0	0	197887	750000
12	3	5	252843	55	1422	1697	493873	750000
13	2	5	253639	82	1960	0	494237	750000
14	2	5	723406	99	1551	0	24845	750000
15	3	5	242592	69	1375	1094	504732	750000
16	3	5	125919	83	1446	1800	620586	750000

Type 5 #5 5578 [Back to Summary]

Burst 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	41462	63	1317	0	1048004	1090909
2	1	18	967698	63	0	0	123148	1090909
3	3	18	634603	79	1457	1419	453193	1090909

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4	1	18	930032	70	0	0	160807	1090909
5	2	18	837298	69	1539	0	251934	1090909
6	1	18	372877	71	0	0	717961	1090909
7	1	18	126441	72	0	0	964396	1090909
8	1	18	853240	57	0	0	237612	1090909
9	2	18	912577	82	1339	0	176829	1090909
10	2	18	1079225	72	1085	0	10455	1090909
11	2	18	120869	98	1586	0	968258	1090909

Type 5 #6 5610 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	20	1220841	98	1625	0	110671	1333333
2	3	20	350596	72	1594	1462	979465	1333333
3	2	20	789008	90	1415	0	542730	1333333
4	2	20	294354	75	1987	0	1036842	1333333
5	3	20	1138152	63	1032	1900	192060	1333333
6	2	20	966931	54	1744	0	364550	1333333
7	3	20	1203291	92	1098	1688	126980	1333333
8	3	20	1112422	83	2000	1491	217171	1333333
9	1	20	1258205	67	0	0	75061	1333333

Type 5 #7 5641 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	20	147823	93	1694	1593	771687	923076
2	3	20	495661	55	1512	1718	424020	923076
3	3	20	676380	99	1317	1070	244012	923076
4	2	20	68819	66	1101	0	853024	923076
5	2	20	842091	96	1561	0	79232	923076
6	3	20	791336	82	1008	1929	128557	923076
7	1	20	112595	62	0	0	810419	923076
8	2	20	903619	88	1777	0	17504	923076
9	3	20	576349	52	1580	1570	343421	923076
10	1	20	788872	78	0	0	134126	923076
11	1	20	725302	95	0	0	197679	923076
12	1	20	174861	84	0	0	748131	923076
13	3	20	235465	56	1871	1709	683863	923076

Type 5 #8 5646 [Back to Summary]

Burst	Number of	Chirp Width	t1 usec	Pulse Width	t3 usec	t4 usec	t5 usec	Total
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Segment	Pulses	MHz		(t2) usec				Segment Length usec
1	3	8	267143	78	1205	1751	435549	705882
2	2	8	494781	100	1165	0	209736	705882
3	1	8	116780	50	0	0	589052	705882
4	3	8	452091	54	1453	1726	250450	705882
5	2	8	133779	91	1776	0	570145	705882
6	1	8	648148	66	0	0	57668	705882
7	2	8	22516	60	1808	0	681438	705882
8	2	8	627753	84	1255	0	76706	705882
9	2	8	296027	93	1023	0	408646	705882
10	3	8	569707	85	1787	1090	133043	705882
11	2	8	176981	67	1312	0	527455	705882
12	3	8	7688	71	1643	1987	694351	705882
13	1	8	350078	62	0	0	355742	705882
14	1	8	422266	62	0	0	283554	705882
15	1	8	591923	92	0	0	113867	705882
16	1	8	84836	89	0	0	620957	705882
17	2	8	164879	66	1489	0	539382	705882

[Type 5 #9 5610 \[Back to Summary\]](#)

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	7	593783	92	1248	1613	260222	857142
2	1	7	811836	77	0	0	45229	857142
3	3	7	542232	76	1454	1745	311483	857142
4	3	7	601952	89	1514	1211	252198	857142
5	2	7	683832	53	1327	0	171877	857142
6	3	7	662973	80	1141	1818	190970	857142
7	1	7	43198	63	0	0	813881	857142
8	1	7	659856	61	0	0	197225	857142
9	1	7	371270	89	0	0	485783	857142
10	3	7	106880	51	1653	1741	746715	857142
11	1	7	296514	67	0	0	560561	857142
12	1	7	244943	60	0	0	612139	857142
13	1	7	796933	95	0	0	60114	857142
14	2	7	316396	56	1285	0	539349	857142

[Type 5 #10 5645 \[Back to Summary\]](#)

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	511216	78	1931	0	286697	800000

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2	2	10	405671	73	1145	0	393038	800000
3	1	10	392729	84	0	0	407187	800000
4	3	10	78258	59	1575	1874	718116	800000
5	1	10	111972	60	0	0	687968	800000
6	1	10	532834	57	0	0	267109	800000
7	1	10	284699	51	0	0	515250	800000
8	2	10	118035	99	1843	0	679924	800000
9	3	10	413472	77	1751	1661	382885	800000
10	2	10	205921	81	1450	0	592467	800000
11	2	10	674300	65	1144	0	124426	800000
12	2	10	632447	56	1228	0	166213	800000
13	2	10	780378	75	1490	0	17982	800000
14	1	10	74686	100	0	0	725214	800000
15	1	10	28642	83	0	0	771275	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	16	30952	76	1597	1159	823206	857142
2	3	16	722431	94	1801	1513	131115	857142
3	2	16	38189	77	1357	0	817442	857142
4	1	16	431813	93	0	0	425236	857142
5	2	16	522668	98	1357	0	332921	857142
6	3	16	19282	63	1320	1373	834978	857142
7	2	16	689973	77	1333	0	165682	857142
8	2	16	118682	85	1763	0	736527	857142
9	1	16	413504	57	0	0	443581	857142
10	1	16	409946	71	0	0	447125	857142
11	1	16	617259	96	0	0	239787	857142
12	1	16	205766	74	0	0	651302	857142
13	2	16	477350	59	1364	0	378310	857142
14	2	16	70884	93	1101	0	784971	857142

Type 5 #12 5647 [Back to Summary]

Burst 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	143945	68	1228	1807	652816	800000
2	2	6	64282	63	1585	0	734007	800000
3	3	6	558808	72	1912	1338	237726	800000
4	2	6	399881	92	1523	0	398412	800000
5	2	6	213136	89	1301	0	585385	800000
6	3	6	284608	60	1590	1935	511687	800000

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7	2	6	607977	52	1829	0	190090	800000
8	3	6	570142	66	1602	1104	226954	800000
9	2	6	594927	54	1654	0	203311	800000
10	2	6	28802	69	1977	0	769083	800000
11	3	6	414455	58	1783	1460	382128	800000
12	3	6	398530	81	1058	1996	398173	800000
13	2	6	480732	99	1863	0	317207	800000
14	3	6	382785	86	1519	1922	413516	800000
15	3	6	164807	71	1203	1214	632563	800000

Type 5 #13 5578 [Back to Summary]

Burst 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	402049	52	1793	1254	594748	1000000
2	3	17	704207	52	1024	1807	292806	1000000
3	3	17	262658	72	1234	1757	734135	1000000
4	2	17	915179	55	1409	0	83302	1000000
5	1	17	952682	65	0	0	47253	1000000
6	2	17	792708	61	1796	0	205374	1000000
7	1	17	463773	60	0	0	536167	1000000
8	3	17	246896	84	1381	1116	750355	1000000
9	2	17	532887	53	1573	0	465434	1000000
10	2	17	695474	99	1086	0	303242	1000000
11	2	17	131595	60	1365	0	866920	1000000
12	3	17	828962	98	1028	1451	168265	1000000

Type 5 #14 5576 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	12	143279	98	1766	1882	709921	857142
2	1	12	400473	61	0	0	456608	857142
3	3	12	39463	89	1430	1449	814533	857142
4	1	12	716125	72	0	0	140945	857142
5	3	12	569112	66	1055	1733	285044	857142
6	2	12	442793	71	1227	0	412980	857142
7	3	12	842437	52	1065	1200	12284	857142
8	3	12	237370	55	1038	1203	617366	857142
9	1	12	18484	57	0	0	838601	857142
10	1	12	518208	85	0	0	338849	857142
11	2	12	377427	89	1650	0	477887	857142
12	3	12	637034	51	1529	1574	216852	857142
13	1	12	806569	83	0	0	50490	857142

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14	3	12	376827	68	1248	1993	476870	857142
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Type 5 #15 5642 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	1075611	54	1644	0	422637	1500000
2	1	17	147442	80	0	0	1352478	1500000
3	2	17	1426388	70	1760	0	71712	1500000
4	1	17	688561	77	0	0	811362	1500000
5	3	17	985616	81	1338	1208	511595	1500000
6	3	17	1409140	86	1120	1163	88319	1500000
7	1	17	188412	91	0	0	1311497	1500000
8	2	17	40776	72	1931	0	1457149	1500000

Type 5 #16 5641 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	20	792493	88	1110	0	206221	1000000
2	2	20	429157	58	1900	0	568827	1000000
3	2	20	9613	78	1987	0	988244	1000000
4	3	20	592915	72	1620	1158	404091	1000000
5	2	20	607728	56	1503	0	390657	1000000
6	3	20	367084	72	1985	1572	629143	1000000
7	1	20	961840	85	0	0	38075	1000000
8	1	20	376579	50	0	0	623371	1000000
9	3	20	867374	96	1958	1696	128684	1000000
10	3	20	426949	53	1017	1036	570839	1000000
11	3	20	606612	97	1362	1115	390620	1000000
12	1	20	741687	59	0	0	258254	1000000

Type 5 #17 5645 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	9	430363	52	0	0	569585	1000000
2	1	9	680414	89	0	0	319497	1000000
3	2	9	663759	71	1431	0	334668	1000000
4	3	9	683636	71	1949	1956	312246	1000000
5	1	9	333507	67	0	0	666426	1000000
6	2	9	106648	85	1306	0	891876	1000000
7	3	9	658389	55	1558	1064	338824	1000000
8	1	9	187742	99	0	0	812159	1000000

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9	1	9	684021	95	0	0	315884	1000000
10	3	9	81116	60	1176	1322	916206	1000000
11	1	9	274367	99	0	0	725534	1000000
12	1	9	808845	53	0	0	191102	1000000

Type 5 #18 5610 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	11	5108	66	1866	1367	1191461	1200000
2	3	11	939381	72	1828	1768	256807	1200000
3	3	11	455073	83	1553	1129	741996	1200000
4	3	11	340493	75	1780	1032	856470	1200000
5	3	11	727059	72	1713	1195	469817	1200000
6	2	11	3735	74	1704	0	1194413	1200000
7	2	11	620674	67	1809	0	577383	1200000
8	2	11	849836	94	1139	0	348837	1200000
9	2	11	704066	60	1291	0	494523	1200000
10	1	11	833867	67	0	0	366066	1200000

Type 5 #19 5573 [Back to Summary]

Burst 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	166049	76	0	0	583875	750000
2	1	5	667304	54	0	0	82642	750000
3	2	5	389235	58	1791	0	358858	750000
4	1	5	671797	56	0	0	78147	750000
5	1	5	175935	79	0	0	573986	750000
6	2	5	83961	97	1666	0	664179	750000
7	2	5	200442	50	1331	0	548127	750000
8	3	5	515396	59	1843	1226	231358	750000
9	3	5	477439	92	1619	1458	269208	750000
10	1	5	622895	90	0	0	127015	750000
11	3	5	4025	78	1749	1754	742238	750000
12	2	5	394865	89	1869	0	353088	750000
13	3	5	222186	59	1652	1071	524914	750000
14	3	5	202058	51	1233	1677	544879	750000
15	1	5	719047	99	0	0	30854	750000
16	3	5	336060	96	1784	1855	410013	750000

Type 5 #20 5610 [Back to Summary]

Burst	Number of	Chirp Width	t1 usec	Pulse Width	t3 usec	t4 usec	t5 usec	Total
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Segment	Pulses	MHz		(t2) usec				Segment Length usec
1	3	8	129094	88	1059	1357	668226	800000
2	1	8	309380	82	0	0	490538	800000
3	3	8	121367	67	1185	1763	675484	800000
4	3	8	38406	64	1538	1779	758085	800000
5	3	8	361094	94	1085	1719	435820	800000
6	3	8	547650	100	1627	1976	248447	800000
7	1	8	548310	74	0	0	251616	800000
8	3	8	286653	52	1960	1607	509624	800000
9	1	8	85387	72	0	0	714541	800000
10	3	8	656842	56	1936	1150	139904	800000
11	2	8	217544	85	1081	0	581205	800000
12	2	8	783972	75	1564	0	14314	800000
13	3	8	130116	90	1647	1498	666469	800000
14	2	8	655400	52	1311	0	143185	800000
15	1	8	577721	52	0	0	222227	800000

Type 5 #21 5573 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	384506	97	1872	0	280094	666666
2	2	5	362894	71	1412	0	302218	666666
3	2	5	241206	95	1011	0	424259	666666
4	3	5	591284	58	1625	1650	71933	666666
5	3	5	507689	78	1004	1191	156548	666666
6	2	5	616767	82	1519	0	48216	666666
7	3	5	140939	97	1282	1857	522297	666666
8	3	5	628738	89	1106	1634	34921	666666
9	2	5	239805	66	1046	0	425683	666666
10	3	5	107016	94	1926	1990	555452	666666
11	2	5	619627	69	1868	0	45033	666666
12	2	5	393777	98	1783	0	270910	666666
13	2	5	336747	98	1081	0	328642	666666
14	1	5	587092	98	0	0	79476	666666
15	2	5	386324	63	1943	0	278273	666666
16	3	5	426999	80	1043	1108	237276	666666
17	1	5	513311	97	0	0	153258	666666
18	2	5	648193	74	1907	0	16418	666666

Type 5 #22 5610 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment
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								Length usec
1	2	20	825487	99	1401	0	172914	1000000
2	3	20	693296	60	1111	1694	303719	1000000
3	3	20	851324	64	1224	1330	145930	1000000
4	1	20	536004	62	0	0	463934	1000000
5	1	20	24964	65	0	0	974971	1000000
6	1	20	738037	92	0	0	261871	1000000
7	2	20	625233	70	1941	0	372686	1000000
8	2	20	956906	82	1643	0	41287	1000000
9	3	20	950469	91	1824	1061	46373	1000000
10	3	20	292605	81	1894	1644	703614	1000000
11	3	20	649154	88	1791	1419	347372	1000000
12	3	20	373927	92	1711	1077	623009	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	16	554679	98	1598	1042	192387	750000
2	3	16	370281	56	1452	1721	376378	750000
3	3	16	143934	55	1181	1051	603669	750000
4	2	16	685537	60	1322	0	63021	750000
5	2	16	336612	62	1644	0	411620	750000
6	3	16	126389	68	1198	1204	621005	750000
7	3	16	37348	81	1695	1809	708905	750000
8	3	16	161745	52	1199	1008	585892	750000
9	1	16	222926	68	0	0	527006	750000
10	3	16	530093	78	1044	1455	217174	750000
11	1	16	667667	58	0	0	82275	750000
12	2	16	391405	63	1421	0	357048	750000
13	1	16	115159	77	0	0	634764	750000
14	2	16	311702	68	1744	0	436418	750000
15	2	16	679461	64	1787	0	68624	750000
16	1	16	191976	76	0	0	557948	750000

Type 5 #24 5610 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	17	10738	79	0	0	846325	857142
2	1	17	534612	84	0	0	322446	857142
3	1	17	582171	74	0	0	274897	857142
4	2	17	176285	60	1625	0	679112	857142
5	2	17	788838	82	1956	0	66184	857142

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6	1	17	320517	63	0	0	536562	857142
7	2	17	759374	50	1004	0	96664	857142
8	3	17	715066	51	1013	1912	138998	857142
9	3	17	581360	83	1744	1054	272735	857142
10	2	17	689280	75	1352	0	166360	857142
11	2	17	456010	74	1204	0	399780	857142
12	2	17	217457	82	1320	0	638201	857142
13	1	17	375835	98	0	0	481209	857142
14	2	17	550524	71	1601	0	304875	857142

Type 5 #25 5579 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	20	662727	95	1467	1242	191421	857142
2	2	20	453307	60	1566	0	402149	857142
3	2	20	316877	92	1413	0	538668	857142
4	2	20	593555	77	1582	0	261851	857142
5	2	20	700609	81	1038	0	155333	857142
6	1	20	440726	86	0	0	416330	857142
7	3	20	552343	68	1731	1113	301751	857142
8	1	20	411696	53	0	0	445393	857142
9	3	20	811897	88	1735	1062	42184	857142
10	3	20	91155	52	1153	1966	762712	857142
11	2	20	243511	100	1245	0	612186	857142
12	2	20	602471	100	1890	0	252581	857142
13	2	20	639197	52	1381	0	216460	857142
14	3	20	668260	89	1844	1193	185578	857142

Type 5 #26 5610 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	446438	52	0	0	353510	800000
2	3	20	692560	91	1888	1848	103431	800000
3	1	20	71974	68	0	0	727958	800000
4	3	20	543758	87	1130	1371	253480	800000
5	3	20	617463	60	1046	1288	180023	800000
6	1	20	271703	66	0	0	528231	800000
7	1	20	383827	87	0	0	416086	800000
8	3	20	191887	92	1777	1146	604914	800000
9	2	20	449819	65	1005	0	349046	800000
10	2	20	297063	72	1423	0	501370	800000
11	2	20	15047	79	1024	0	783771	800000

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12	1	20	198199	50	0	0	601751	800000
13	1	20	342079	81	0	0	457840	800000
14	2	20	215777	78	1468	0	582599	800000
15	2	20	687050	51	1955	0	110893	800000

Type 5 #27 5643 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	16	980955	66	1765	1404	215678	1200000
2	3	16	1000865	86	1856	1460	195561	1200000
3	1	16	739515	95	0	0	460390	1200000
4	3	16	1018852	95	1603	1284	177976	1200000
5	1	16	500471	50	0	0	699479	1200000
6	2	16	477932	86	1583	0	720313	1200000
7	3	16	1029860	91	1958	1420	166489	1200000
8	1	16	1010911	69	0	0	189020	1200000
9	3	16	1032422	89	1810	1821	163680	1200000
10	1	16	305973	72	0	0	893955	1200000

Type 5 #28 5610 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	7	76778	75	1634	1283	520080	600000
2	1	7	15244	53	0	0	584703	600000
3	1	7	454806	74	0	0	145120	600000
4	3	7	44321	75	1020	1443	552991	600000
5	2	7	270363	60	1717	0	327800	600000
6	1	7	397654	88	0	0	202258	600000
7	1	7	266749	95	0	0	333156	600000
8	2	7	179699	55	1656	0	418535	600000
9	3	7	95335	82	1609	1748	501062	600000
10	3	7	137961	80	1781	1070	458948	600000
11	2	7	473839	73	1296	0	124719	600000
12	2	7	441346	90	1079	0	157395	600000
13	2	7	74630	87	1400	0	523796	600000
14	3	7	456404	51	1048	1644	140751	600000
15	3	7	34191	81	1709	1465	562392	600000
16	2	7	411616	92	1845	0	186355	600000
17	3	7	323434	71	1734	1435	273184	600000
18	3	7	56772	78	1870	1664	539460	600000
19	1	7	460125	94	0	0	139781	600000
20	1	7	440275	96	0	0	159629	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	2	14	159423	58	1494	0	470545	631578
2	3	14	403600	62	1685	1784	224323	631578
3	3	14	155861	89	1494	1229	472727	631578
4	1	14	286112	62	0	0	345404	631578
5	2	14	574391	63	1292	0	55769	631578
6	1	14	371997	88	0	0	259493	631578
7	3	14	407563	94	1583	1442	220708	631578
8	1	14	303486	82	0	0	328010	631578
9	3	14	217807	79	1090	1378	411066	631578
10	1	14	217082	53	0	0	414443	631578
11	1	14	211445	68	0	0	420065	631578
12	1	14	127969	93	0	0	503516	631578
13	3	14	122998	67	1714	1475	505190	631578
14	1	14	214272	88	0	0	417218	631578
15	2	14	434062	79	1016	0	196342	631578
16	3	14	105402	83	1881	1501	522545	631578
17	1	14	165057	89	0	0	466432	631578
18	3	14	193330	74	1594	1281	435151	631578
19	1	14	590834	87	0	0	40657	631578

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	581900	62	1798	0	47756	631578
2	1	10	522061	75	0	0	109442	631578
3	3	10	335014	62	1344	1011	294023	631578
4	2	10	457198	76	1214	0	173014	631578
5	2	10	82666	74	1859	0	546905	631578
6	3	10	177033	57	1674	1618	451082	631578
7	3	10	614112	80	1520	1804	13902	631578
8	2	10	575936	67	1591	0	53917	631578
9	2	10	463685	79	1052	0	166683	631578
10	3	10	403313	70	1498	1250	225307	631578
11	1	10	241134	98	0	0	390346	631578
12	3	10	40398	78	1085	1175	588686	631578
13	3	10	145715	69	1522	1737	482397	631578
14	2	10	579147	80	1004	0	51267	631578
15	3	10	136215	75	1022	1281	492835	631578

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16	1	10	76173	66	0	0	555339	631578
17	3	10	578952	55	1092	1435	49934	631578
18	2	10	262053	60	1956	0	367449	631578
19	1	10	118331	93	0	0	513154	631578

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#01-5678	#02-5366	#03-5389	#04-5593	#05-5445	#06-5467	#07-5659	#08-5296	#09-5623	#10-5411
#11-5716	#12-5654	#13-5516	#14-5697	#15-5276	#16-5379	#17-5453	#18-5393	#19-5690	#20-5398
#21-5267	#22-5434	#23-5272	#24-5545	#25-5489	#26-5552	#27-5561	#28-5431	#29-5295	#30-5465
#31-5266	#32-5658	#33-5592	#34-5474	#35-5352	#36-5496	#37-5640	#38-5424	#39-5261	#40-5302
#41-5279	#42-5471	#43-5452	#44-5546	#45-5378	#46-5521	#47-5523	#48-5680	#49-5530	#50-5684
#51-5301	#52-5666	#53-5399	#54-5384	#55-5615	#56-5498	#57-5342	#58-5572	#59-5355	#60-5619
#61-5632	#62-5481	#63-5252	#64-5412	#65-5392	#66-5310	#67-5316	#68-5298	#69-5598	#70-5513
#71-5469	#72-5281	#73-5382	#74-5644	#75-5372	#76-5533	#77-5709	#78-5458	#79-5419	#80-5699
#81-5285	#82-5608	#83-5631	#84-5337	#85-5420	#86-5329	#87-5517	#88-5462	#89-5585	#90-5587
#91-5402	#92-5324	#93-5321	#94-5369	#95-5397	#96-5532	#97-5475	#98-5290	#99-5406	#100-5326

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#01-5453	#02-5473	#03-5334	#04-5267	#05-5468	#06-5269	#07-5537	#08-5484	#09-5263	#10-5340
#11-5514	#12-5616	#13-5404	#14-5386	#15-5588	#16-5277	#17-5576	#18-5643	#19-5720	#20-5317
#21-5524	#22-5582	#23-5438	#24-5260	#25-5362	#26-5395	#27-5686	#28-5264	#29-5501	#30-5577
#31-5313	#32-5669	#33-5307	#34-5347	#35-5496	#36-5539	#37-5525	#38-5617	#39-5598	#40-5399
#41-5519	#42-5281	#43-5445	#44-5495	#45-5325	#46-5513	#47-5648	#48-5661	#49-5509	#50-5370
#51-5677	#52-5553	#53-5297	#54-5336	#55-5530	#56-5604	#57-5287	#58-5328	#59-5636	#60-5329
#61-5311	#62-5528	#63-5709	#64-5418	#65-5279	#66-5572	#67-5563	#68-5314	#69-5624	#70-5303
#71-5480	#72-5690	#73-5299	#74-5580	#75-5529	#76-5493	#77-5391	#78-5674	#79-5666	#80-5579
#81-5474	#82-5278	#83-5479	#84-5384	#85-5630	#86-5488	#87-5628	#88-5700	#89-5548	#90-5622
#91-5500	#92-5444	#93-5707	#94-5521	#95-5344	#96-5721	#97-5295	#98-5282	#99-5462	#100-5476

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#01-5677	#02-5582	#03-5290	#04-5456	#05-5613	#06-5713	#07-5501	#08-5444	#09-5532	#10-5280
#11-5461	#12-5338	#13-5385	#14-5307	#15-5574	#16-5281	#17-5293	#18-5579	#19-5515	#20-5514
#21-5670	#22-5587	#23-5490	#24-5723	#25-5525	#26-5279	#27-5704	#28-5498	#29-5483	#30-5530
#31-5446	#32-5356	#33-5451	#34-5430	#35-5624	#36-5618	#37-5710	#38-5270	#39-5489	#40-5638
#41-5708	#42-5421	#43-5409	#44-5512	#45-5402	#46-5407	#47-5312	#48-5648	#49-5669	#50-5306
#51-5676	#52-5437	#53-5487	#54-5675	#55-5536	#56-5341	#57-5342	#58-5292	#59-5655	#60-5581
#61-5256	#62-5251	#63-5684	#64-5254	#65-5556	#66-5357	#67-5608	#68-5674	#69-5408	#70-5683
#71-5298	#72-5269	#73-5339	#74-5601	#75-5528	#76-5493	#77-5420	#78-5702	#79-5565	#80-5365
#81-5693	#82-5311	#83-5554	#84-5429	#85-5575	#86-5260	#87-5592	#88-5500	#89-5625	#90-5529
#91-5522	#92-5664	#93-5343	#94-5633	#95-5628	#96-5709	#97-5463	#98-5403	#99-5681	#100-5304

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#01-5527	#02-5360	#03-5488	#04-5712	#05-5260	#06-5657	#07-5354	#08-5612	#09-5399	#10-5290
#11-5645	#12-5364	#13-5451	#14-5544	#15-5611	#16-5675	#17-5421	#18-5503	#19-5403	#20-5546
#21-5487	#22-5356	#23-5300	#24-5605	#25-5409	#26-5348	#27-5655	#28-5428	#29-5698	#30-5545
#31-5275	#32-5262	#33-5271	#34-5515	#35-5563	#36-5585	#37-5543	#38-5569	#39-5420	#40-5643
#41-5630	#42-5704	#43-5350	#44-5584	#45-5608	#46-5410	#47-5467	#48-5519	#49-5273	#50-5681
#51-5535	#52-5689	#53-5255	#54-5385	#55-5537	#56-5418	#57-5310	#58-5609	#59-5555	#60-5635
#61-5253	#62-5654	#63-5640	#64-5578	#65-5266	#66-5633	#67-5340	#68-5664	#69-5709	#70-5281

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#71-5380	#72-5575	#73-5332	#74-5480	#75-5641	#76-5504	#77-5256	#78-5441	#79-5721	#80-5722
#81-5602	#82-5382	#83-5401	#84-5270	#85-5257	#86-5316	#87-5258	#88-5606	#89-5699	#90-5392
#91-5521	#92-5662	#93-5268	#94-5506	#95-5637	#96-5700	#97-5318	#98-5492	#99-5566	#100-5697

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#01-5318	#02-5531	#03-5538	#04-5719	#05-5549	#06-5684	#07-5604	#08-5493	#09-5468	#10-5278
#11-5412	#12-5592	#13-5612	#14-5556	#15-5275	#16-5595	#17-5497	#18-5623	#19-5572	#20-5675
#21-5628	#22-5452	#23-5687	#24-5563	#25-5472	#26-5438	#27-5562	#28-5542	#29-5568	#30-5664
#31-5437	#32-5477	#33-5594	#34-5269	#35-5653	#36-5325	#37-5567	#38-5401	#39-5434	#40-5295
#41-5426	#42-5480	#43-5381	#44-5671	#45-5704	#46-5656	#47-5298	#48-5423	#49-5479	#50-5292
#51-5445	#52-5408	#53-5647	#54-5619	#55-5321	#56-5583	#57-5565	#58-5697	#59-5487	#60-5350
#61-5364	#62-5305	#63-5650	#64-5524	#65-5553	#66-5655	#67-5722	#68-5587	#69-5627	#70-5674
#71-5272	#72-5338	#73-5419	#74-5519	#75-5485	#76-5385	#77-5316	#78-5263	#79-5586	#80-5537
#81-5389	#82-5377	#83-5311	#84-5518	#85-5458	#86-5277	#87-5558	#88-5701	#89-5673	#90-5315
#91-5475	#92-5600	#93-5641	#94-5337	#95-5651	#96-5371	#97-5551	#98-5579	#99-5358	#100-5296

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#01-5660	#02-5432	#03-5526	#04-5535	#05-5269	#06-5359	#07-5712	#08-5369	#09-5379	#10-5654
#11-5515	#12-5554	#13-5355	#14-5672	#15-5684	#16-5709	#17-5718	#18-5374	#19-5315	#20-5528
#21-5340	#22-5272	#23-5639	#24-5561	#25-5442	#26-5401	#27-5424	#28-5337	#29-5600	#30-5364
#31-5559	#32-5463	#33-5627	#34-5539	#35-5609	#36-5687	#37-5581	#38-5499	#39-5502	#40-5350
#41-5289	#42-5441	#43-5572	#44-5266	#45-5523	#46-5652	#47-5488	#48-5695	#49-5380	#50-5665
#51-5384	#52-5433	#53-5511	#54-5557	#55-5679	#56-5635	#57-5509	#58-5690	#59-5336	#60-5592
#61-5657	#62-5618	#63-5485	#64-5261	#65-5342	#66-5300	#67-5646	#68-5540	#69-5308	#70-5721
#71-5376	#72-5460	#73-5590	#74-5686	#75-5480	#76-5621	#77-5420	#78-5619	#79-5283	#80-5506
#81-5630	#82-5449	#83-5682	#84-5655	#85-5705	#86-5370	#87-5669	#88-5316	#89-5577	#90-5697
#91-5416	#92-5607	#93-5405	#94-5629	#95-5412	#96-5389	#97-5668	#98-5549	#99-5640	#100-5465

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#01-5254	#02-5674	#03-5632	#04-5384	#05-5538	#06-5643	#07-5563	#08-5550	#09-5319	#10-5305
#11-5462	#12-5614	#13-5655	#14-5552	#15-5685	#16-5454	#17-5663	#18-5557	#19-5281	#20-5697
#21-5354	#22-5577	#23-5683	#24-5339	#25-5543	#26-5482	#27-5303	#28-5681	#29-5514	#30-5344
#31-5676	#32-5589	#33-5704	#34-5530	#35-5502	#36-5686	#37-5537	#38-5545	#39-5368	#40-5311
#41-5526	#42-5370	#43-5250	#44-5521	#45-5477	#46-5525	#47-5689	#48-5580	#49-5673	#50-5687
#51-5447	#52-5362	#53-5516	#54-5670	#55-5365	#56-5398	#57-5716	#58-5536	#59-5558	#60-5299
#61-5587	#62-5605	#63-5280	#64-5701	#65-5349	#66-5593	#67-5631	#68-5364	#69-5292	#70-5724
#71-5629	#72-5359	#73-5432	#74-5694	#75-5408	#76-5709	#77-5571	#78-5401	#79-5574	#80-5265
#81-5509	#82-5439	#83-5255	#84-5549	#85-5609	#86-5555	#87-5314	#88-5276	#89-5416	#90-5356
#91-5693	#92-5252	#93-5714	#94-5317	#95-5443	#96-5645	#97-5336	#98-5275	#99-5423	#100-5608

Type 6 #8 [Back to Summary]

#01-5619	#02-5569	#03-5535	#04-5679	#05-5300	#06-5343	#07-5650	#08-5555	#09-5511	#10-5382
#11-5546	#12-5561	#13-5688	#14-5541	#15-5500	#16-5390	#17-5604	#18-5446	#19-5334	#20-5512
#21-5527	#22-5611	#23-5673	#24-5661	#25-5277	#26-5634	#27-5369	#28-5370	#29-5490	#30-5479

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#31-5621	#32-5550	#33-5704	#34-5693	#35-5366	#36-5677	#37-5633	#38-5297	#39-5499	#40-5514
#41-5636	#42-5474	#43-5480	#44-5284	#45-5531	#46-5379	#47-5287	#48-5416	#49-5533	#50-5305
#51-5295	#52-5612	#53-5664	#54-5637	#55-5331	#56-5257	#57-5620	#58-5595	#59-5649	#60-5389
#61-5698	#62-5521	#63-5310	#64-5275	#65-5478	#66-5721	#67-5580	#68-5720	#69-5419	#70-5548
#71-5469	#72-5551	#73-5667	#74-5534	#75-5597	#76-5293	#77-5368	#78-5632	#79-5373	#80-5616
#81-5589	#82-5678	#83-5556	#84-5431	#85-5429	#86-5255	#87-5607	#88-5316	#89-5602	#90-5357
#91-5306	#92-5283	#93-5374	#94-5361	#95-5542	#96-5355	#97-5421	#98-5453	#99-5516	#100-5532

Type 6 #9 [Back to Summary]

#01-5524	#02-5292	#03-5721	#04-5708	#05-5550	#06-5467	#07-5669	#08-5371	#09-5283	#10-5288
#11-5610	#12-5710	#13-5472	#14-5277	#15-5519	#16-5268	#17-5690	#18-5594	#19-5565	#20-5479
#21-5357	#22-5515	#23-5363	#24-5313	#25-5495	#26-5442	#27-5428	#28-5554	#29-5717	#30-5492
#31-5598	#32-5638	#33-5361	#34-5561	#35-5345	#36-5552	#37-5679	#38-5577	#39-5614	#40-5692
#41-5311	#42-5487	#43-5281	#44-5570	#45-5471	#46-5321	#47-5536	#48-5346	#49-5571	#50-5528
#51-5391	#52-5549	#53-5620	#54-5294	#55-5429	#56-5255	#57-5655	#58-5659	#59-5457	#60-5358
#61-5290	#62-5370	#63-5382	#64-5513	#65-5415	#66-5697	#67-5601	#68-5636	#69-5656	#70-5691
#71-5314	#72-5367	#73-5706	#74-5595	#75-5417	#76-5588	#77-5481	#78-5511	#79-5558	#80-5422
#81-5629	#82-5331	#83-5707	#84-5434	#85-5349	#86-5295	#87-5267	#88-5320	#89-5383	#90-5340
#91-5623	#92-5270	#93-5368	#94-5504	#95-5653	#96-5668	#97-5365	#98-5490	#99-5406	#100-5502

Type 6 #10 [Back to Summary]

#01-5446	#02-5627	#03-5413	#04-5601	#05-5468	#06-5275	#07-5568	#08-5270	#09-5598	#10-5566
#11-5496	#12-5387	#13-5349	#14-5287	#15-5453	#16-5683	#17-5383	#18-5667	#19-5415	#20-5370
#21-5678	#22-5530	#23-5508	#24-5567	#25-5320	#26-5291	#27-5251	#28-5455	#29-5668	#30-5477
#31-5480	#32-5719	#33-5361	#34-5307	#35-5705	#36-5253	#37-5643	#38-5357	#39-5695	#40-5326
#41-5452	#42-5724	#43-5445	#44-5538	#45-5570	#46-5485	#47-5646	#48-5328	#49-5303	#50-5697
#51-5536	#52-5422	#53-5329	#54-5283	#55-5553	#56-5640	#57-5372	#58-5575	#59-5531	#60-5428
#61-5274	#62-5368	#63-5332	#64-5378	#65-5342	#66-5507	#67-5278	#68-5296	#69-5310	#70-5458
#71-5292	#72-5277	#73-5696	#74-5346	#75-5647	#76-5677	#77-5340	#78-5694	#79-5722	#80-5565
#81-5377	#82-5649	#83-5407	#84-5691	#85-5661	#86-5311	#87-5636	#88-5335	#89-5487	#90-5317
#91-5607	#92-5324	#93-5554	#94-5521	#95-5302	#96-5344	#97-5642	#98-5330	#99-5456	#100-5319

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#01-5455	#02-5604	#03-5270	#04-5576	#05-5659	#06-5507	#07-5448	#08-5712	#09-5362	#10-5597
#11-5556	#12-5397	#13-5573	#14-5692	#15-5308	#16-5348	#17-5689	#18-5358	#19-5432	#20-5283
#21-5586	#22-5672	#23-5535	#24-5719	#25-5565	#26-5693	#27-5447	#28-5425	#29-5288	#30-5557
#31-5281	#32-5261	#33-5497	#34-5655	#35-5356	#36-5487	#37-5628	#38-5544	#39-5286	#40-5405
#41-5581	#42-5652	#43-5688	#44-5606	#45-5476	#46-5456	#47-5468	#48-5583	#49-5454	#50-5674
#51-5367	#52-5530	#53-5613	#54-5409	#55-5449	#56-5505	#57-5315	#58-5275	#59-5257	#60-5690
#61-5309	#62-5271	#63-5670	#64-5525	#65-5562	#66-5542	#67-5625	#68-5640	#69-5582	#70-5539
#71-5438	#72-5388	#73-5325	#74-5278	#75-5422	#76-5656	#77-5708	#78-5653	#79-5484	#80-5359
#81-5470	#82-5590	#83-5698	#84-5337	#85-5435	#86-5469	#87-5372	#88-5333	#89-5451	#90-5571
#91-5417	#92-5602	#93-5534	#94-5319	#95-5345	#96-5558	#97-5707	#98-5407	#99-5292	#100-5660

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#01-5557	#02-5553	#03-5724	#04-5637	#05-5477	#06-5700	#07-5458	#08-5584	#09-5710	#10-5519
#11-5522	#12-5381	#13-5509	#14-5621	#15-5463	#16-5436	#17-5298	#18-5582	#19-5334	#20-5341
#21-5418	#22-5539	#23-5433	#24-5259	#25-5370	#26-5569	#27-5579	#28-5254	#29-5655	#30-5593
#31-5674	#32-5542	#33-5615	#34-5551	#35-5523	#36-5644	#37-5591	#38-5306	#39-5583	#40-5457
#41-5262	#42-5506	#43-5347	#44-5658	#45-5297	#46-5287	#47-5338	#48-5642	#49-5575	#50-5632
#51-5503	#52-5372	#53-5323	#54-5676	#55-5482	#56-5268	#57-5366	#58-5714	#59-5510	#60-5636
#61-5373	#62-5451	#63-5659	#64-5367	#65-5571	#66-5705	#67-5488	#68-5684	#69-5343	#70-5544
#71-5572	#72-5716	#73-5250	#74-5598	#75-5328	#76-5630	#77-5434	#78-5497	#79-5686	#80-5330
#81-5471	#82-5662	#83-5398	#84-5273	#85-5327	#86-5545	#87-5462	#88-5667	#89-5313	#90-5502
#91-5520	#92-5602	#93-5512	#94-5672	#95-5340	#96-5525	#97-5578	#98-5703	#99-5329	#100-5314

Type 6 #13 [Back to Summary]									
#01-5519	#02-5380	#03-5546	#04-5277	#05-5306	#06-5520	#07-5373	#08-5453	#09-5594	#10-5581
#11-5553	#12-5587	#13-5278	#14-5431	#15-5408	#16-5438	#17-5304	#18-5637	#19-5288	#20-5272
#21-5488	#22-5556	#23-5621	#24-5563	#25-5273	#26-5699	#27-5449	#28-5305	#29-5507	#30-5528
#31-5303	#32-5463	#33-5424	#34-5623	#35-5541	#36-5349	#37-5366	#38-5376	#39-5693	#40-5539
#41-5428	#42-5265	#43-5327	#44-5466	#45-5684	#46-5667	#47-5578	#48-5338	#49-5515	#50-5633
#51-5477	#52-5674	#53-5668	#54-5312	#55-5560	#56-5694	#57-5487	#58-5712	#59-5253	#60-5335
#61-5324	#62-5323	#63-5671	#64-5318	#65-5530	#66-5346	#67-5413	#68-5389	#69-5619	#70-5313
#71-5326	#72-5656	#73-5669	#74-5479	#75-5574	#76-5471	#77-5481	#78-5407	#79-5607	#80-5339
#81-5379	#82-5365	#83-5516	#84-5608	#85-5299	#86-5360	#87-5525	#88-5371	#89-5314	#90-5580
#91-5592	#92-5388	#93-5377	#94-5615	#95-5469	#96-5361	#97-5322	#98-5258	#99-5662	#100-5599

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#01-5504	#02-5439	#03-5444	#04-5455	#05-5559	#06-5546	#07-5253	#08-5437	#09-5464	#10-5337
#11-5465	#12-5330	#13-5357	#14-5648	#15-5684	#16-5686	#17-5533	#18-5316	#19-5264	#20-5420
#21-5549	#22-5295	#23-5323	#24-5294	#25-5452	#26-5667	#27-5538	#28-5310	#29-5261	#30-5470
#31-5399	#32-5476	#33-5479	#34-5262	#35-5562	#36-5661	#37-5643	#38-5309	#39-5297	#40-5488
#41-5356	#42-5335	#43-5630	#44-5701	#45-5365	#46-5510	#47-5274	#48-5453	#49-5652	#50-5513
#51-5557	#52-5252	#53-5720	#54-5493	#55-5299	#56-5462	#57-5372	#58-5404	#59-5256	#60-5619
#61-5263	#62-5671	#63-5430	#64-5723	#65-5666	#66-5717	#67-5589	#68-5351	#69-5347	#70-5278
#71-5298	#72-5483	#73-5277	#74-5518	#75-5327	#76-5474	#77-5398	#78-5360	#79-5660	#80-5674
#81-5642	#82-5344	#83-5392	#84-5492	#85-5638	#86-5402	#87-5486	#88-5709	#89-5691	#90-5353
#91-5552	#92-5502	#93-5308	#94-5411	#95-5481	#96-5416	#97-5627	#98-5629	#99-5286	#100-5376

Type 6 #15 [Back to Summary]									
#01-5643	#02-5651	#03-5356	#04-5624	#05-5462	#06-5325	#07-5705	#08-5460	#09-5417	#10-5555
#11-5314	#12-5266	#13-5467	#14-5308	#15-5697	#16-5648	#17-5533	#18-5671	#19-5334	#20-5520
#21-5493	#22-5598	#23-5380	#24-5721	#25-5453	#26-5524	#27-5418	#28-5593	#29-5285	#30-5633
#31-5561	#32-5486	#33-5315	#34-5542	#35-5276	#36-5716	#37-5702	#38-5481	#39-5267	#40-5563
#41-5411	#42-5261	#43-5541	#44-5384	#45-5280	#46-5525	#47-5278	#48-5719	#49-5430	#50-5548
#51-5601	#52-5679	#53-5545	#54-5485	#55-5596	#56-5295	#57-5516	#58-5361	#59-5416	#60-5662
#61-5629	#62-5360	#63-5423	#64-5505	#65-5717	#66-5554	#67-5675	#68-5645	#69-5282	#70-5704

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#71-5667	#72-5301	#73-5650	#74-5490	#75-5355	#76-5475	#77-5309	#78-5722	#79-5688	#80-5652
#81-5494	#82-5421	#83-5407	#84-5458	#85-5287	#86-5603	#87-5663	#88-5550	#89-5666	#90-5706
#91-5439	#92-5585	#93-5317	#94-5331	#95-5653	#96-5303	#97-5559	#98-5284	#99-5388	#100-5445

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#01-5573	#02-5353	#03-5688	#04-5448	#05-5601	#06-5549	#07-5276	#08-5300	#09-5381	#10-5367
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#21-5612	#22-5373	#23-5701	#24-5295	#25-5511	#26-5326	#27-5709	#28-5572	#29-5561	#30-5302
#31-5642	#32-5271	#33-5581	#34-5491	#35-5332	#36-5396	#37-5462	#38-5690	#39-5589	#40-5459
#41-5579	#42-5617	#43-5422	#44-5552	#45-5722	#46-5646	#47-5444	#48-5547	#49-5640	#50-5450
#51-5354	#52-5603	#53-5533	#54-5277	#55-5562	#56-5446	#57-5375	#58-5641	#59-5662	#60-5519
#61-5563	#62-5425	#63-5461	#64-5323	#65-5442	#66-5687	#67-5666	#68-5627	#69-5402	#70-5266
#71-5718	#72-5704	#73-5340	#74-5260	#75-5504	#76-5720	#77-5673	#78-5392	#79-5297	#80-5586
#81-5602	#82-5405	#83-5652	#84-5352	#85-5667	#86-5287	#87-5458	#88-5544	#89-5648	#90-5600
#91-5264	#92-5537	#93-5278	#94-5314	#95-5616	#96-5397	#97-5400	#98-5342	#99-5351	#100-5284

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#01-5703	#02-5543	#03-5393	#04-5622	#05-5458	#06-5375	#07-5507	#08-5525	#09-5495	#10-5569
#11-5497	#12-5705	#13-5592	#14-5321	#15-5643	#16-5404	#17-5496	#18-5351	#19-5379	#20-5409
#21-5475	#22-5362	#23-5701	#24-5526	#25-5251	#26-5423	#27-5677	#28-5278	#29-5365	#30-5355
#31-5570	#32-5583	#33-5291	#34-5265	#35-5612	#36-5310	#37-5264	#38-5283	#39-5627	#40-5547
#41-5508	#42-5662	#43-5307	#44-5334	#45-5359	#46-5288	#47-5679	#48-5680	#49-5401	#50-5464
#51-5628	#52-5299	#53-5689	#54-5669	#55-5534	#56-5589	#57-5566	#58-5596	#59-5621	#60-5286
#61-5426	#62-5478	#63-5410	#64-5390	#65-5252	#66-5644	#67-5663	#68-5576	#69-5440	#70-5581
#71-5394	#72-5467	#73-5455	#74-5561	#75-5631	#76-5540	#77-5312	#78-5619	#79-5418	#80-5692
#81-5469	#82-5723	#83-5606	#84-5632	#85-5453	#86-5517	#87-5616	#88-5343	#89-5454	#90-5271
#91-5468	#92-5392	#93-5383	#94-5587	#95-5368	#96-5277	#97-5504	#98-5647	#99-5330	#100-5439

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#21-5273	#22-5567	#23-5368	#24-5416	#25-5362	#26-5722	#27-5328	#28-5593	#29-5443	#30-5603
#31-5286	#32-5392	#33-5538	#34-5702	#35-5590	#36-5367	#37-5483	#38-5313	#39-5561	#40-5296
#41-5678	#42-5494	#43-5303	#44-5467	#45-5469	#46-5522	#47-5693	#48-5453	#49-5294	#50-5669
#51-5405	#52-5251	#53-5710	#54-5602	#55-5417	#56-5511	#57-5706	#58-5324	#59-5430	#60-5322
#61-5331	#62-5698	#63-5654	#64-5418	#65-5676	#66-5387	#67-5384	#68-5452	#69-5315	#70-5427
#71-5664	#72-5534	#73-5663	#74-5611	#75-5506	#76-5508	#77-5515	#78-5627	#79-5673	#80-5566
#81-5276	#82-5601	#83-5547	#84-5496	#85-5444	#86-5282	#87-5402	#88-5660	#89-5537	#90-5330
#91-5382	#92-5407	#93-5615	#94-5487	#95-5692	#96-5701	#97-5560	#98-5613	#99-5512	#100-5329

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#01-5386	#02-5494	#03-5385	#04-5598	#05-5252	#06-5600	#07-5310	#08-5351	#09-5345	#10-5636
#11-5722	#12-5330	#13-5377	#14-5586	#15-5292	#16-5455	#17-5408	#18-5415	#19-5696	#20-5643
#21-5705	#22-5448	#23-5637	#24-5711	#25-5286	#26-5509	#27-5644	#28-5430	#29-5640	#30-5528

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#41-5700	#42-5302	#43-5563	#44-5623	#45-5331	#46-5304	#47-5281	#48-5273	#49-5445	#50-5489
#51-5545	#52-5399	#53-5639	#54-5592	#55-5349	#56-5665	#57-5576	#58-5398	#59-5556	#60-5469
#61-5681	#62-5604	#63-5433	#64-5538	#65-5688	#66-5344	#67-5690	#68-5504	#69-5404	#70-5503
#71-5713	#72-5453	#73-5638	#74-5371	#75-5663	#76-5650	#77-5597	#78-5260	#79-5622	#80-5707
#81-5471	#82-5611	#83-5708	#84-5395	#85-5703	#86-5516	#87-5706	#88-5485	#89-5483	#90-5480
#91-5651	#92-5312	#93-5357	#94-5272	#95-5606	#96-5339	#97-5583	#98-5274	#99-5658	#100-5710

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#01-5339	#02-5500	#03-5593	#04-5663	#05-5501	#06-5341	#07-5481	#08-5515	#09-5653	#10-5422
#11-5310	#12-5570	#13-5493	#14-5578	#15-5719	#16-5311	#17-5622	#18-5281	#19-5560	#20-5415
#21-5363	#22-5445	#23-5265	#24-5643	#25-5577	#26-5647	#27-5343	#28-5616	#29-5484	#30-5569
#31-5304	#32-5579	#33-5323	#34-5644	#35-5617	#36-5700	#37-5274	#38-5295	#39-5626	#40-5612
#41-5288	#42-5442	#43-5561	#44-5319	#45-5427	#46-5337	#47-5543	#48-5509	#49-5279	#50-5549
#51-5448	#52-5562	#53-5437	#54-5494	#55-5599	#56-5621	#57-5479	#58-5679	#59-5336	#60-5582
#61-5723	#62-5591	#63-5276	#64-5333	#65-5370	#66-5456	#67-5492	#68-5575	#69-5688	#70-5267
#71-5287	#72-5573	#73-5384	#74-5674	#75-5380	#76-5648	#77-5607	#78-5676	#79-5461	#80-5486
#81-5353	#82-5551	#83-5586	#84-5664	#85-5374	#86-5464	#87-5389	#88-5546	#89-5296	#90-5722
#91-5462	#92-5325	#93-5687	#94-5293	#95-5619	#96-5419	#97-5412	#98-5478	#99-5678	#100-5697

Type 6 #21 [Back to Summary]									
#01-5565	#02-5694	#03-5548	#04-5261	#05-5513	#06-5598	#07-5429	#08-5491	#09-5366	#10-5677
#11-5263	#12-5535	#13-5459	#14-5571	#15-5478	#16-5413	#17-5255	#18-5342	#19-5684	#20-5625
#21-5319	#22-5667	#23-5529	#24-5687	#25-5526	#26-5688	#27-5614	#28-5336	#29-5304	#30-5679
#31-5474	#32-5372	#33-5722	#34-5492	#35-5647	#36-5379	#37-5257	#38-5573	#39-5394	#40-5498
#41-5288	#42-5620	#43-5434	#44-5343	#45-5711	#46-5652	#47-5586	#48-5362	#49-5537	#50-5447
#51-5415	#52-5322	#53-5522	#54-5300	#55-5624	#56-5619	#57-5411	#58-5587	#59-5455	#60-5551
#61-5707	#62-5341	#63-5436	#64-5408	#65-5449	#66-5612	#67-5536	#68-5692	#69-5643	#70-5348
#71-5404	#72-5402	#73-5671	#74-5431	#75-5584	#76-5420	#77-5481	#78-5437	#79-5701	#80-5596
#81-5345	#82-5500	#83-5520	#84-5577	#85-5510	#86-5396	#87-5572	#88-5669	#89-5592	#90-5277
#91-5691	#92-5385	#93-5359	#94-5563	#95-5514	#96-5665	#97-5427	#98-5272	#99-5616	#100-5338

Type 6 #22 [Back to Summary]									
#01-5367	#02-5621	#03-5444	#04-5437	#05-5290	#06-5259	#07-5376	#08-5341	#09-5441	#10-5456
#11-5391	#12-5702	#13-5614	#14-5585	#15-5457	#16-5460	#17-5546	#18-5584	#19-5626	#20-5296
#21-5291	#22-5592	#23-5348	#24-5618	#25-5385	#26-5266	#27-5292	#28-5358	#29-5644	#30-5647
#31-5715	#32-5464	#33-5545	#34-5603	#35-5484	#36-5453	#37-5309	#38-5336	#39-5539	#40-5506
#41-5278	#42-5487	#43-5489	#44-5394	#45-5617	#46-5714	#47-5509	#48-5510	#49-5364	#50-5314
#51-5377	#52-5577	#53-5378	#54-5573	#55-5306	#56-5505	#57-5527	#58-5557	#59-5303	#60-5274
#61-5694	#62-5268	#63-5427	#64-5524	#65-5468	#66-5660	#67-5409	#68-5258	#69-5356	#70-5250
#71-5404	#72-5466	#73-5299	#74-5374	#75-5269	#76-5541	#77-5361	#78-5685	#79-5252	#80-5405
#81-5496	#82-5520	#83-5718	#84-5587	#85-5529	#86-5397	#87-5337	#88-5699	#89-5558	#90-5705
#91-5658	#92-5485	#93-5285	#94-5521	#95-5544	#96-5261	#97-5316	#98-5689	#99-5657	#100-5683

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Type 6 #23 [Back to Summary]									
#01-5557	#02-5494	#03-5401	#04-5362	#05-5640	#06-5641	#07-5529	#08-5255	#09-5553	#10-5497
#11-5393	#12-5567	#13-5549	#14-5633	#15-5512	#16-5432	#17-5276	#18-5575	#19-5250	#20-5323
#21-5573	#22-5431	#23-5437	#24-5373	#25-5320	#26-5647	#27-5425	#28-5507	#29-5562	#30-5259
#31-5474	#32-5391	#33-5280	#34-5294	#35-5568	#36-5716	#37-5357	#38-5608	#39-5666	#40-5606
#41-5588	#42-5329	#43-5396	#44-5300	#45-5561	#46-5340	#47-5659	#48-5376	#49-5724	#50-5351
#51-5707	#52-5461	#53-5689	#54-5583	#55-5364	#56-5377	#57-5308	#58-5278	#59-5292	#60-5720
#61-5467	#62-5273	#63-5424	#64-5545	#65-5274	#66-5252	#67-5538	#68-5510	#69-5324	#70-5526
#71-5331	#72-5405	#73-5638	#74-5379	#75-5469	#76-5496	#77-5290	#78-5397	#79-5543	#80-5706
#81-5712	#82-5305	#83-5513	#84-5463	#85-5277	#86-5266	#87-5438	#88-5430	#89-5658	#90-5447
#91-5662	#92-5336	#93-5571	#94-5671	#95-5395	#96-5569	#97-5634	#98-5584	#99-5279	#100-5564

Type 6 #24 [Back to Summary]									
#01-5526	#02-5396	#03-5304	#04-5450	#05-5275	#06-5562	#07-5551	#08-5568	#09-5366	#10-5597
#11-5337	#12-5645	#13-5464	#14-5309	#15-5257	#16-5414	#17-5492	#18-5688	#19-5521	#20-5259
#21-5549	#22-5364	#23-5581	#24-5609	#25-5594	#26-5720	#27-5559	#28-5693	#29-5708	#30-5629
#31-5585	#32-5434	#33-5362	#34-5704	#35-5428	#36-5565	#37-5721	#38-5307	#39-5431	#40-5438
#41-5439	#42-5588	#43-5306	#44-5310	#45-5351	#46-5264	#47-5593	#48-5501	#49-5659	#50-5699
#51-5321	#52-5668	#53-5302	#54-5267	#55-5261	#56-5413	#57-5541	#58-5424	#59-5583	#60-5282
#61-5251	#62-5582	#63-5584	#64-5465	#65-5262	#66-5627	#67-5528	#68-5484	#69-5608	#70-5415
#71-5416	#72-5435	#73-5504	#74-5334	#75-5543	#76-5684	#77-5312	#78-5517	#79-5503	#80-5578
#81-5380	#82-5313	#83-5287	#84-5258	#85-5560	#86-5646	#87-5385	#88-5353	#89-5694	#90-5272
#91-5278	#92-5547	#93-5454	#94-5405	#95-5444	#96-5590	#97-5254	#98-5573	#99-5305	#100-5458

Type 6 #25 [Back to Summary]									
#01-5458	#02-5356	#03-5624	#04-5493	#05-5534	#06-5611	#07-5414	#08-5699	#09-5444	#10-5300
#11-5355	#12-5274	#13-5645	#14-5255	#15-5626	#16-5670	#17-5548	#18-5573	#19-5629	#20-5342
#21-5491	#22-5430	#23-5515	#24-5585	#25-5391	#26-5593	#27-5710	#28-5349	#29-5617	#30-5688
#31-5679	#32-5460	#33-5467	#34-5302	#35-5368	#36-5271	#37-5406	#38-5516	#39-5447	#40-5672
#41-5476	#42-5405	#43-5627	#44-5642	#45-5636	#46-5722	#47-5623	#48-5438	#49-5501	#50-5490
#51-5283	#52-5400	#53-5664	#54-5682	#55-5684	#56-5276	#57-5561	#58-5288	#59-5346	#60-5663
#61-5620	#62-5314	#63-5329	#64-5481	#65-5344	#66-5612	#67-5529	#68-5584	#69-5605	#70-5597
#71-5508	#72-5280	#73-5374	#74-5683	#75-5583	#76-5332	#77-5526	#78-5591	#79-5674	#80-5392
#81-5692	#82-5510	#83-5565	#84-5371	#85-5652	#86-5519	#87-5514	#88-5503	#89-5339	#90-5336
#91-5425	#92-5366	#93-5413	#94-5502	#95-5293	#96-5409	#97-5322	#98-5390	#99-5545	#100-5264

Type 6 #26 [Back to Summary]									
#01-5441	#02-5287	#03-5556	#04-5624	#05-5706	#06-5252	#07-5280	#08-5709	#09-5341	#10-5598
#11-5472	#12-5691	#13-5339	#14-5677	#15-5699	#16-5361	#17-5466	#18-5678	#19-5551	#20-5543
#21-5348	#22-5269	#23-5495	#24-5519	#25-5421	#26-5392	#27-5588	#28-5592	#29-5634	#30-5428
#31-5257	#32-5386	#33-5303	#34-5656	#35-5676	#36-5650	#37-5684	#38-5669	#39-5393	#40-5646
#41-5492	#42-5534	#43-5419	#44-5469	#45-5590	#46-5460	#47-5282	#48-5461	#49-5529	#50-5658
#51-5667	#52-5369	#53-5561	#54-5724	#55-5639	#56-5416	#57-5511	#58-5286	#59-5448	#60-5562
#61-5383	#62-5408	#63-5321	#64-5630	#65-5586	#66-5333	#67-5636	#68-5402	#69-5723	#70-5298

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#71-5397	#72-5514	#73-5535	#74-5621	#75-5301	#76-5530	#77-5570	#78-5273	#79-5647	#80-5683
#81-5358	#82-5373	#83-5311	#84-5700	#85-5482	#86-5606	#87-5541	#88-5304	#89-5262	#90-5503
#91-5384	#92-5645	#93-5468	#94-5550	#95-5508	#96-5331	#97-5459	#98-5507	#99-5602	#100-5502

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#01-5547	#02-5600	#03-5462	#04-5483	#05-5510	#06-5401	#07-5559	#08-5662	#09-5673	#10-5359
#11-5574	#12-5489	#13-5357	#14-5492	#15-5450	#16-5262	#17-5348	#18-5345	#19-5399	#20-5706
#21-5516	#22-5589	#23-5391	#24-5467	#25-5638	#26-5474	#27-5294	#28-5710	#29-5363	#30-5693
#31-5316	#32-5309	#33-5395	#34-5390	#35-5385	#36-5488	#37-5639	#38-5554	#39-5439	#40-5329
#41-5299	#42-5613	#43-5353	#44-5628	#45-5659	#46-5621	#47-5540	#48-5703	#49-5347	#50-5502
#51-5708	#52-5367	#53-5360	#54-5624	#55-5720	#56-5683	#57-5455	#58-5721	#59-5570	#60-5282
#61-5354	#62-5573	#63-5545	#64-5700	#65-5288	#66-5513	#67-5341	#68-5690	#69-5355	#70-5688
#71-5344	#72-5523	#73-5631	#74-5314	#75-5650	#76-5625	#77-5479	#78-5490	#79-5532	#80-5264
#81-5657	#82-5312	#83-5605	#84-5585	#85-5712	#86-5672	#87-5670	#88-5491	#89-5397	#90-5424
#91-5275	#92-5636	#93-5702	#94-5405	#95-5696	#96-5447	#97-5307	#98-5376	#99-5579	#100-5394

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#01-5523	#02-5570	#03-5597	#04-5381	#05-5400	#06-5433	#07-5458	#08-5291	#09-5695	#10-5339
#11-5452	#12-5689	#13-5436	#14-5556	#15-5349	#16-5287	#17-5690	#18-5681	#19-5717	#20-5337
#21-5562	#22-5576	#23-5545	#24-5653	#25-5662	#26-5430	#27-5539	#28-5478	#29-5341	#30-5449
#31-5566	#32-5355	#33-5632	#34-5387	#35-5468	#36-5335	#37-5444	#38-5479	#39-5437	#40-5528
#41-5471	#42-5633	#43-5525	#44-5303	#45-5701	#46-5310	#47-5455	#48-5397	#49-5300	#50-5660
#51-5491	#52-5353	#53-5383	#54-5498	#55-5559	#56-5673	#57-5270	#58-5667	#59-5441	#60-5693
#61-5615	#62-5704	#63-5671	#64-5495	#65-5500	#66-5343	#67-5304	#68-5293	#69-5333	#70-5258
#71-5573	#72-5464	#73-5497	#74-5434	#75-5598	#76-5652	#77-5296	#78-5492	#79-5679	#80-5601
#81-5705	#82-5390	#83-5420	#84-5404	#85-5686	#86-5460	#87-5697	#88-5382	#89-5557	#90-5520
#91-5314	#92-5505	#93-5278	#94-5472	#95-5635	#96-5493	#97-5680	#98-5276	#99-5535	#100-5604

Type 6 #29 [Back to Summary]

#01-5257	#02-5409	#03-5312	#04-5294	#05-5344	#06-5275	#07-5587	#08-5672	#09-5625	#10-5627
#11-5622	#12-5508	#13-5713	#14-5566	#15-5714	#16-5471	#17-5525	#18-5515	#19-5531	#20-5289
#21-5375	#22-5644	#23-5462	#24-5543	#25-5668	#26-5318	#27-5428	#28-5273	#29-5526	#30-5355
#31-5696	#32-5268	#33-5682	#34-5329	#35-5592	#36-5545	#37-5333	#38-5384	#39-5316	#40-5661
#41-5599	#42-5276	#43-5487	#44-5655	#45-5618	#46-5532	#47-5510	#48-5438	#49-5479	#50-5414
#51-5690	#52-5416	#53-5472	#54-5492	#55-5476	#56-5340	#57-5670	#58-5493	#59-5352	#60-5274
#61-5571	#62-5562	#63-5394	#64-5521	#65-5654	#66-5604	#67-5551	#68-5636	#69-5702	#70-5417
#71-5389	#72-5393	#73-5449	#74-5594	#75-5410	#76-5349	#77-5403	#78-5534	#79-5647	#80-5381
#81-5527	#82-5716	#83-5514	#84-5360	#85-5386	#86-5533	#87-5517	#88-5437	#89-5576	#90-5500
#91-5602	#92-5564	#93-5281	#94-5290	#95-5338	#96-5288	#97-5609	#98-5693	#99-5251	#100-5265

Type 6 #30 [Back to Summary]

#01-5708	#02-5602	#03-5463	#04-5311	#05-5272	#06-5544	#07-5688	#08-5604	#09-5331	#10-5378
#11-5657	#12-5387	#13-5570	#14-5691	#15-5472	#16-5578	#17-5293	#18-5283	#19-5383	#20-5374
#21-5336	#22-5362	#23-5314	#24-5448	#25-5545	#26-5555	#27-5365	#28-5416	#29-5504	#30-5376

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#31-5474	#32-5441	#33-5533	#34-5632	#35-5404	#36-5650	#37-5503	#38-5457	#39-5338	#40-5573
#41-5569	#42-5641	#43-5356	#44-5446	#45-5576	#46-5466	#47-5715	#48-5312	#49-5542	#50-5489
#51-5720	#52-5575	#53-5560	#54-5607	#55-5659	#56-5598	#57-5536	#58-5265	#59-5492	#60-5439
#61-5428	#62-5524	#63-5349	#64-5682	#65-5635	#66-5468	#67-5584	#68-5669	#69-5537	#70-5548
#71-5324	#72-5563	#73-5672	#74-5531	#75-5526	#76-5414	#77-5252	#78-5596	#79-5603	#80-5326
#81-5565	#82-5295	#83-5599	#84-5263	#85-5377	#86-5627	#87-5611	#88-5656	#89-5700	#90-5519
#91-5354	#92-5478	#93-5689	#94-5622	#95-5386	#96-5287	#97-5528	#98-5399	#99-5530	#100-5347

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Type 5 #1 5604 [Back to Summary]

Burst 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	815171	98	0	0	518064	1333333
2	1	15	285264	84	0	0	1047985	1333333
3	2	15	1194143	55	1557	0	137523	1333333
4	2	15	1201578	91	1680	0	129893	1333333
5	3	15	859964	64	1107	1414	470656	1333333
6	3	15	934827	92	1407	1963	394860	1333333
7	3	15	4507	57	1165	1403	1326087	1333333
8	1	15	230223	66	0	0	1103044	1333333
9	1	15	7873	75	0	0	1325385	1333333

Type 5 #2 5590 [Back to Summary]

Burst 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	691823	71	0	0	165248	857142
2	2	6	618918	94	1128	0	236908	857142
3	1	6	751941	64	0	0	105137	857142
4	2	6	421854	64	1409	0	433751	857142
5	3	6	614958	91	1428	1274	239209	857142
6	1	6	706290	80	0	0	150772	857142
7	3	6	188965	87	1843	1372	664701	857142
8	2	6	755568	70	1762	0	99672	857142
9	3	6	768484	94	1035	1607	85734	857142
10	2	6	357361	81	1138	0	498481	857142
11	3	6	849042	75	1364	1681	4830	857142
12	3	6	261121	84	1592	1916	592261	857142
13	2	6	812240	100	1475	0	43227	857142
14	2	6	775913	61	1885	0	79222	857142

Type 5 #3 5604 [Back to Summary]

Burst 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	301241	78	1980	1485	445060	750000
2	3	14	332099	67	1008	1789	414903	750000
3	2	14	407011	54	1768	0	341113	750000
4	2	14	745806	82	1621	0	2409	750000
5	3	14	733657	99	1922	1842	12282	750000
6	3	14	149078	75	1745	1296	597656	750000

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7	3	14	741923	52	1937	1773	4211	750000
8	1	14	119171	56	0	0	630773	750000
9	1	14	416200	89	0	0	333711	750000
10	1	14	275381	82	0	0	474537	750000
11	3	14	6225	52	1118	1827	740674	750000
12	2	14	351433	63	1634	0	396807	750000
13	2	14	280385	52	1236	0	468275	750000
14	1	14	578183	87	0	0	171730	750000
15	2	14	74978	83	1486	0	673370	750000
16	2	14	161400	93	1148	0	587266	750000

Type 5 #4 5590 [Back to Summary]

Burst 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	743424	51	0	0	56525	800000
2	1	9	213461	98	0	0	586441	800000
3	2	9	523969	69	1114	0	274779	800000
4	3	9	4642	65	1410	1614	792139	800000
5	1	9	582217	78	0	0	217705	800000
6	1	9	580624	58	0	0	219318	800000
7	2	9	532601	51	1230	0	266067	800000
8	3	9	81538	92	1292	1226	715668	800000
9	2	9	578576	70	1288	0	219996	800000
10	3	9	724352	72	1963	1493	71976	800000
11	2	9	350573	81	1608	0	447657	800000
12	3	9	632524	67	1294	1921	164060	800000
13	1	9	341186	97	0	0	458717	800000
14	1	9	652369	72	0	0	147559	800000
15	2	9	796685	54	1885	0	1322	800000

Type 5 #5 5503 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	766934	97	0	0	732969	1500000
2	2	18	381193	80	1740	0	1116907	1500000
3	1	18	909875	98	0	0	590027	1500000
4	2	18	1468495	89	1177	0	30150	1500000
5	1	18	1154850	85	0	0	345065	1500000
6	3	18	915845	98	1827	1548	580486	1500000
7	3	18	119831	81	1377	1328	1377221	1500000
8	2	18	970749	94	1098	0	527965	1500000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	160716	64	0	0	545102	705882
2	2	16	225594	73	1362	0	478780	705882
3	3	16	31996	71	1243	1183	671247	705882
4	2	16	525537	56	1520	0	178713	705882
5	2	16	635084	82	1526	0	69108	705882
6	1	16	338262	96	0	0	367524	705882
7	2	16	178701	92	1830	0	525167	705882
8	3	16	107744	63	1934	1384	594631	705882
9	1	16	164618	81	0	0	541183	705882
10	1	16	527139	81	0	0	178662	705882
11	2	16	216617	66	1163	0	487970	705882
12	3	16	230670	53	1505	1753	471795	705882
13	2	16	652394	78	1030	0	52302	705882
14	1	16	657426	80	0	0	48376	705882
15	1	16	526533	89	0	0	179260	705882
16	1	16	6442	74	0	0	699366	705882
17	3	16	122647	64	1620	1273	580150	705882

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	5	445138	58	0	0	411946	857142
2	1	5	846268	50	0	0	10824	857142
3	2	5	316385	52	1222	0	539431	857142
4	3	5	398791	87	1826	1764	454500	857142
5	3	5	680874	61	1065	1829	173191	857142
6	1	5	257360	59	0	0	599723	857142
7	1	5	65061	85	0	0	791996	857142
8	1	5	222778	88	0	0	634276	857142
9	1	5	751673	85	0	0	105384	857142
10	3	5	773737	82	1633	1070	80456	857142
11	1	5	335007	72	0	0	522063	857142
12	3	5	293446	87	1696	1820	559919	857142
13	1	5	710765	86	0	0	146291	857142
14	1	5	301926	84	0	0	555132	857142

[Type 5 #8 5604 \[Back to Summary\]](#)

Burst	Number of	Chirp Width	t1 usec	Pulse Width	t3 usec	t4 usec	t5 usec	Total
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Segment	Pulses	MHz		(t2) usec				Segment Length usec
1	3	14	270234	87	1305	1952	357826	631578
2	1	14	94571	69	0	0	536938	631578
3	1	14	439774	97	0	0	191707	631578
4	3	14	309826	53	1380	1398	318815	631578
5	1	14	210661	66	0	0	420851	631578
6	2	14	414560	52	1348	0	215566	631578
7	2	14	213359	88	1945	0	416098	631578
8	3	14	430477	54	1430	1745	197764	631578
9	1	14	539651	84	0	0	91843	631578
10	3	14	214942	64	1290	1593	413561	631578
11	1	14	260287	88	0	0	371203	631578
12	2	14	192194	70	1045	0	438199	631578
13	2	14	71797	54	1916	0	557757	631578
14	2	14	16702	52	1405	0	613367	631578
15	3	14	217200	82	1636	1053	411443	631578
16	2	14	225795	66	1832	0	403819	631578
17	3	14	697	88	1808	1315	627494	631578
18	2	14	22782	56	1975	0	606709	631578
19	2	14	146132	72	1927	0	483375	631578

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	8	441072	84	1698	0	188640	631578
2	2	8	134880	53	1831	0	494761	631578
3	2	8	67940	98	1651	0	561791	631578
4	2	8	178285	80	1394	0	451739	631578
5	1	8	118096	88	0	0	513394	631578
6	1	8	71444	56	0	0	560078	631578
7	2	8	298827	71	1374	0	331235	631578
8	2	8	41538	59	1132	0	588790	631578
9	1	8	90924	86	0	0	540568	631578
10	1	8	313048	91	0	0	318439	631578
11	1	8	328691	64	0	0	302823	631578
12	1	8	381182	53	0	0	250343	631578
13	1	8	323900	91	0	0	307587	631578
14	1	8	603564	79	0	0	27935	631578
15	1	8	463720	83	0	0	167775	631578
16	2	8	505362	55	1137	0	124969	631578
17	2	8	593425	54	1001	0	37044	631578
18	2	8	537569	97	1197	0	92618	631578

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19	1	8	86212	100	0	0	545266	631578
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Type 5 #10 5573 [Back to Summary]

Burst 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	418212	91	0	0	581697	1000000
2	1	8	984239	96	0	0	15665	1000000
3	1	8	140267	51	0	0	859682	1000000
4	1	8	972580	86	0	0	27334	1000000
5	1	8	229042	69	0	0	770889	1000000
6	3	8	962636	66	1556	1721	33889	1000000
7	1	8	59017	76	0	0	940907	1000000
8	2	8	692959	87	1755	0	305112	1000000
9	3	8	50731	68	1584	1124	946357	1000000
10	3	8	839184	97	1681	1691	157153	1000000
11	2	8	494131	69	1340	0	504391	1000000
12	1	8	792732	57	0	0	207211	1000000

Type 5 #11 5590 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	271810	60	1418	0	432534	705882
2	2	5	336840	51	1042	0	367898	705882
3	1	5	14543	59	0	0	691280	705882
4	2	5	87665	94	1030	0	616999	705882
5	3	5	393447	57	1188	1446	309630	705882
6	2	5	248282	76	1902	0	455546	705882
7	2	5	353502	100	1272	0	350908	705882
8	3	5	232689	63	1262	1549	470193	705882
9	1	5	170941	87	0	0	534854	705882
10	3	5	689673	99	1220	1417	13275	705882
11	3	5	528835	50	1959	1863	173075	705882
12	1	5	617440	94	0	0	88348	705882
13	1	5	67604	79	0	0	638199	705882
14	1	5	367225	96	0	0	338561	705882
15	2	5	475346	81	1768	0	228606	705882
16	2	5	611651	91	1457	0	92592	705882
17	2	5	63977	81	1297	0	640446	705882

Type 5 #12 5590 [Back to Summary]

Burst	Number of	Chirp Width	t1 usec	Pulse Width	t3 usec	t4 usec	t5 usec	Total
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Segment	Pulses	MHz		(t2) usec				Segment Length usec
1	3	8	244903	98	1393	1766	951644	1200000
2	3	8	1006165	74	1040	1977	190596	1200000
3	3	8	406783	89	1765	1211	789974	1200000
4	2	8	530896	52	1810	0	667190	1200000
5	1	8	771145	58	0	0	428797	1200000
6	2	8	715036	95	1636	0	483138	1200000
7	3	8	1156285	64	1644	1661	40218	1200000
8	1	8	1180798	63	0	0	19139	1200000
9	1	8	944841	95	0	0	255064	1200000
10	2	8	322289	85	1326	0	876215	1200000

Type 5 #13 5590 [Back to Summary]

Burst 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	450596	81	0	0	349323	800000
2	1	13	548380	80	0	0	251540	800000
3	2	13	82850	95	1416	0	715544	800000
4	3	13	660864	61	1244	1229	136480	800000
5	1	13	297041	78	0	0	502881	800000
6	3	13	525161	98	1157	1723	271665	800000
7	3	13	225814	91	1861	1096	570956	800000
8	2	13	315175	54	1700	0	483017	800000
9	3	13	447464	60	1000	1902	349454	800000
10	1	13	312440	66	0	0	487494	800000
11	2	13	766151	57	1598	0	32137	800000
12	1	13	497522	62	0	0	302416	800000
13	1	13	21149	94	0	0	778757	800000
14	3	13	442657	53	1555	1043	354586	800000
15	3	13	243176	57	1530	1203	553920	800000

Type 5 #14 5602 [Back to Summary]

Burst 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	678006	66	1268	0	320594	1000000
2	1	19	7393	86	0	0	992521	1000000
3	1	19	669864	53	0	0	330083	1000000
4	2	19	838697	92	1180	0	159939	1000000
5	2	19	174161	76	1269	0	824418	1000000
6	1	19	165088	53	0	0	834859	1000000
7	1	19	770610	81	0	0	229309	1000000

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8	1	19	468233	62	0	0	531705	1000000
9	3	19	323106	88	1529	1385	673716	1000000
10	3	19	533658	77	1752	1080	463279	1000000
11	3	19	172500	74	1165	1526	824587	1000000
12	3	19	119163	83	1628	1150	877810	1000000

Type 5 #15 5590 [Back to Summary]

Burst 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	336351	92	1487	1060	460826	800000
2	3	10	179081	73	1334	1193	618173	800000
3	2	10	207752	58	1612	0	590520	800000
4	2	10	41552	72	1935	0	756369	800000
5	2	10	583658	76	1840	0	214350	800000
6	2	10	144466	82	1193	0	654177	800000
7	3	10	674210	70	1235	1613	122732	800000
8	2	10	670080	87	1765	0	127981	800000
9	3	10	405237	57	1403	1728	391461	800000
10	1	10	106905	92	0	0	693003	800000
11	2	10	775831	60	1793	0	22256	800000
12	1	10	281619	78	0	0	518303	800000
13	3	10	15636	57	1517	1328	781348	800000
14	3	10	560417	100	1359	1415	236509	800000
15	1	10	566358	99	0	0	233543	800000

Type 5 #16 5606 [Back to Summary]

Burst 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	122734	81	1047	0	507635	631578
2	2	10	504907	57	1076	0	125481	631578
3	1	10	441168	71	0	0	190339	631578
4	1	10	447905	92	0	0	183581	631578
5	3	10	271644	75	1974	1424	356311	631578
6	2	10	384483	62	1580	0	245391	631578
7	3	10	495456	86	1832	1449	132583	631578
8	3	10	533905	64	1838	1826	93817	631578
9	1	10	410791	90	0	0	220697	631578
10	3	10	162236	80	1517	1554	466031	631578
11	1	10	215988	96	0	0	415494	631578
12	3	10	543465	91	1616	1944	84280	631578
13	2	10	139688	73	1841	0	489903	631578
14	3	10	214542	94	1910	1262	413582	631578

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15	3	10	229303	73	1660	1692	398704	631578
16	3	10	46584	85	1651	1063	582025	631578
17	2	10	95481	80	1920	0	534017	631578
18	3	10	388509	53	1666	1895	239349	631578
19	2	10	269697	91	1950	0	359749	631578

Type 5 #17 5578 [Back to Summary]

Burst 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	390992	72	0	0	208936	600000
2	1	19	154177	73	0	0	445750	600000
3	1	19	236869	90	0	0	363041	600000
4	1	19	546553	74	0	0	53373	600000
5	3	19	3604	52	1190	1880	593170	600000
6	3	19	212246	60	1878	1685	384011	600000
7	3	19	364029	97	1457	1908	232315	600000
8	2	19	335825	74	1321	0	262706	600000
9	2	19	489949	92	1638	0	108229	600000
10	1	19	534211	71	0	0	65718	600000
11	1	19	332808	94	0	0	267098	600000
12	1	19	142763	55	0	0	457182	600000
13	2	19	274679	76	1773	0	323396	600000
14	2	19	173292	68	1365	0	425207	600000
15	1	19	497189	85	0	0	102726	600000
16	2	19	28143	61	1494	0	570241	600000
17	3	19	29810	71	1033	1952	566992	600000
18	1	19	563899	61	0	0	36040	600000
19	3	19	526543	91	1975	1138	70071	600000
20	3	19	166274	87	1948	1158	430359	600000

Type 5 #18 5603 [Back to Summary]

Burst 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	35548	64	0	0	564388	600000
2	2	17	336148	53	1663	0	262083	600000
3	2	17	149504	66	1563	0	448801	600000
4	2	17	201030	71	1440	0	397388	600000
5	2	17	296148	50	1947	0	301805	600000
6	2	17	128025	71	1693	0	470140	600000
7	2	17	207848	100	1347	0	390605	600000
8	3	17	544962	86	1167	1845	51768	600000
9	2	17	248566	65	1321	0	349983	600000

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10	2	17	472492	91	1104	0	126222	600000
11	1	17	218121	74	0	0	381805	600000
12	3	17	68326	67	1499	1277	528697	600000
13	2	17	354764	56	1597	0	243527	600000
14	3	17	155571	72	1002	1318	441893	600000
15	2	17	422087	60	1424	0	176369	600000
16	2	17	363180	79	1079	0	235583	600000
17	2	17	301070	80	1427	0	297343	600000
18	2	17	132476	88	1594	0	465754	600000
19	3	17	424270	66	1161	1541	172830	600000
20	1	17	566804	81	0	0	33115	600000

Type 5 #19 5574 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	9	851272	63	1048	0	70630	923076
2	1	9	722681	67	0	0	200328	923076
3	2	9	364865	58	1473	0	556622	923076
4	3	9	242308	70	1739	1406	677413	923076
5	1	9	920157	95	0	0	2824	923076
6	1	9	203072	98	0	0	719906	923076
7	3	9	208920	90	1293	1900	710693	923076
8	1	9	788392	74	0	0	134610	923076
9	1	9	604021	85	0	0	318970	923076
10	3	9	47378	91	1539	1848	872038	923076
11	1	9	831076	70	0	0	91930	923076
12	1	9	433280	58	0	0	489738	923076
13	2	9	522247	52	1421	0	399304	923076

Type 5 #20 5590 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	11	116045	58	1197	1863	971630	1090909
2	3	11	497168	64	1393	1123	591033	1090909
3	2	11	436086	71	1581	0	653100	1090909
4	3	11	818747	70	1743	1913	268296	1090909
5	3	11	927091	75	1431	1328	160834	1090909
6	3	11	735567	89	1569	1269	352237	1090909
7	3	11	522900	53	1536	1160	565154	1090909
8	3	11	1050171	92	1345	1589	37528	1090909
9	2	11	244823	100	1169	0	844717	1090909
10	3	11	258389	76	1472	1864	828956	1090909

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11	2	11	468794	73	1779	0	620190	1090909
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Type 5 #21 5590 [Back to Summary]

Burst 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	157102	95	1864	1595	439154	600000
2	1	16	223493	58	0	0	376449	600000
3	3	16	378198	73	1770	1142	218671	600000
4	2	16	486804	86	1742	0	111282	600000
5	2	16	8728	92	1166	0	589922	600000
6	3	16	245560	73	1385	1002	351834	600000
7	3	16	377094	91	1280	1269	220084	600000
8	1	16	421818	63	0	0	178119	600000
9	1	16	594210	94	0	0	5696	600000
10	1	16	492607	70	0	0	107323	600000
11	3	16	150376	82	1446	1005	446927	600000
12	1	16	352958	85	0	0	246957	600000
13	2	16	90312	78	1778	0	507754	600000
14	2	16	247010	75	1951	0	350889	600000
15	1	16	286667	97	0	0	313236	600000
16	2	16	414638	55	1436	0	183816	600000
17	3	16	128486	50	1520	1716	468128	600000
18	2	16	17482	99	1964	0	580356	600000
19	1	16	396690	88	0	0	203222	600000
20	3	16	592236	95	1924	1613	3942	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	18	613674	99	0	0	136227	750000
2	3	18	609709	56	1007	1172	137944	750000
3	3	18	399939	60	1189	1575	347117	750000
4	1	18	326762	92	0	0	423146	750000
5	1	18	478613	91	0	0	271296	750000
6	1	18	525845	91	0	0	224064	750000
7	1	18	285393	98	0	0	464509	750000
8	3	18	57452	67	1406	1996	688945	750000
9	1	18	427648	53	0	0	322299	750000
10	1	18	534937	55	0	0	215008	750000
11	2	18	1107	57	1470	0	747309	750000
12	3	18	316691	56	1199	1677	430265	750000
13	3	18	705723	82	1992	1876	40163	750000

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14	2	18	626835	92	1459	0	121522	750000
15	1	18	735736	76	0	0	14188	750000
16	2	18	553133	57	1693	0	195060	750000

[Type 5 #23 5607 \[Back to Summary\]](#)

Burst 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	349112	98	0	0	984123	1333333
2	3	8	594378	84	1053	1572	736078	1333333
3	1	8	833415	60	0	0	499858	1333333
4	2	8	783965	64	1603	0	547637	1333333
5	3	8	1297145	98	1917	1021	32956	1333333
6	2	8	341512	53	1615	0	990100	1333333
7	1	8	103095	80	0	0	1230158	1333333
8	3	8	214028	84	1581	1197	1116275	1333333
9	1	8	712059	98	0	0	621176	1333333

[Type 5 #24 5578 \[Back to Summary\]](#)

Burst 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	379372	91	0	0	953870	1333333
2	2	20	301985	97	1163	0	1029991	1333333
3	2	20	385748	72	1578	0	945863	1333333
4	2	20	1017500	71	1358	0	314333	1333333
5	3	20	1322217	70	1887	1427	7592	1333333
6	2	20	332660	74	1702	0	998823	1333333
7	1	20	377530	66	0	0	955737	1333333
8	1	20	1058450	89	0	0	274794	1333333
9	1	20	1214399	88	0	0	118846	1333333

[Type 5 #25 5607 \[Back to Summary\]](#)

Burst 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	273170	76	1899	1039	323664	600000
2	2	8	174778	57	1383	0	423725	600000
3	3	8	326036	72	1462	1257	271029	600000
4	1	8	104204	87	0	0	495709	600000
5	3	8	166227	90	1565	1634	430304	600000
6	2	8	370349	78	1881	0	227614	600000
7	2	8	210430	62	1939	0	387507	600000
8	1	8	429833	90	0	0	170077	600000

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9	3	8	193046	70	1361	1502	403881	600000
10	3	8	382926	83	1343	1002	214480	600000
11	3	8	242429	53	1912	1729	353771	600000
12	2	8	301824	59	1072	0	296986	600000
13	1	8	115961	84	0	0	483955	600000
14	2	8	189953	87	1626	0	408247	600000
15	2	8	256355	70	1211	0	342294	600000
16	1	8	194324	56	0	0	405620	600000
17	3	8	435479	61	1879	1614	160845	600000
18	1	8	10734	51	0	0	589215	600000
19	2	8	225211	63	1207	0	373456	600000
20	3	8	258077	63	1829	1260	338645	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	3	11	918563	73	1302	1269	169556	1090909
2	3	11	756405	61	1362	1624	331335	1090909
3	2	11	663466	51	1497	0	425844	1090909
4	3	11	608467	52	1142	1767	479377	1090909
5	1	11	602131	62	0	0	488716	1090909
6	3	11	750586	97	1507	1390	337135	1090909
7	1	11	527158	66	0	0	563685	1090909
8	3	11	13698	67	1430	1352	1074228	1090909
9	1	11	814450	89	0	0	276370	1090909
10	1	11	119172	97	0	0	971640	1090909
11	2	11	25357	60	1147	0	1064285	1090909

Type 5 #27 5574 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	422689	61	1119	1005	175004	600000
2	3	9	472474	74	1860	1540	123904	600000
3	2	9	61099	92	1288	0	537429	600000
4	1	9	591311	72	0	0	8617	600000
5	2	9	375635	90	1165	0	223020	600000
6	1	9	429831	84	0	0	170085	600000
7	3	9	22074	57	1388	1115	575252	600000
8	2	9	3522	56	1525	0	594841	600000
9	2	9	214543	62	1058	0	384275	600000
10	1	9	444276	60	0	0	155664	600000
11	3	9	273490	64	1852	1007	323459	600000

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12	2	9	249058	98	1463	0	349283	600000
13	1	9	357309	56	0	0	242635	600000
14	2	9	150609	70	1239	0	448012	600000
15	3	9	304579	99	1600	1036	292488	600000
16	1	9	110934	87	0	0	488979	600000
17	1	9	366601	54	0	0	233345	600000
18	3	9	419281	83	1287	1380	177803	600000
19	2	9	593602	85	1665	0	4563	600000
20	3	9	571610	67	1105	1464	25620	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	3	15	226894	52	1806	1308	369836	600000
2	1	15	124371	64	0	0	475565	600000
3	2	15	12859	68	1928	0	585077	600000
4	2	15	184694	99	1656	0	413452	600000
5	3	15	161952	52	1206	1162	435524	600000
6	2	15	415904	61	1240	0	182734	600000
7	2	15	193938	92	1988	0	403890	600000
8	3	15	386667	69	1888	1320	209918	600000
9	2	15	321255	77	1828	0	276763	600000
10	3	15	570192	97	1635	1567	26315	600000
11	2	15	386205	50	1767	0	211928	600000
12	1	15	30064	72	0	0	569864	600000
13	1	15	543869	89	0	0	56042	600000
14	2	15	266327	97	1716	0	331763	600000
15	2	15	14802	89	1723	0	583297	600000
16	2	15	440822	84	1334	0	157676	600000
17	2	15	592256	65	1605	0	6009	600000
18	2	15	283600	58	1980	0	314304	600000
19	2	15	201568	56	1451	0	396869	600000
20	2	15	124107	95	1023	0	474680	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	3	8	577522	100	1385	1181	19612	600000
2	3	8	315485	69	1755	1437	281116	600000
3	1	8	6107	68	0	0	593825	600000
4	1	8	190071	54	0	0	409875	600000
5	1	8	290889	79	0	0	309032	600000

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6	2	8	192289	70	1093	0	406478	600000
7	1	8	28783	71	0	0	571146	600000
8	2	8	174481	72	1997	0	423378	600000
9	1	8	8187	58	0	0	591755	600000
10	2	8	408134	58	1123	0	190627	600000
11	3	8	325664	82	1201	1011	271878	600000
12	2	8	540775	96	1141	0	57892	600000
13	2	8	39840	95	1872	0	558098	600000
14	3	8	548401	51	1777	1479	48190	600000
15	3	8	338761	85	1934	1051	257999	600000
16	1	8	216800	50	0	0	383150	600000
17	1	8	303840	87	0	0	296073	600000
18	1	8	273326	52	0	0	326622	600000
19	2	8	251807	76	1304	0	346737	600000
20	3	8	530922	57	1290	1187	66430	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	2	15	33823	53	1046	0	565025	600000
2	2	15	232517	56	1309	0	366062	600000
3	1	15	569518	81	0	0	30401	600000
4	2	15	173977	85	1322	0	424531	600000
5	2	15	544697	77	1270	0	53879	600000
6	3	15	8646	69	1362	1119	588666	600000
7	1	15	502045	94	0	0	97861	600000
8	2	15	221091	99	1271	0	377440	600000
9	3	15	583639	58	1125	1880	13182	600000
10	3	15	14222	56	2000	1238	582372	600000
11	3	15	537796	79	1315	1140	59512	600000
12	1	15	142408	63	0	0	457529	600000
13	1	15	153578	60	0	0	446362	600000
14	1	15	205043	65	0	0	394892	600000
15	3	15	265969	72	1125	1686	331004	600000
16	2	15	197560	69	1812	0	400490	600000
17	1	15	402908	68	0	0	197024	600000
18	3	15	218219	58	1287	1006	379314	600000
19	1	15	415948	56	0	0	183996	600000
20	3	15	401784	57	1925	1353	194767	600000

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#01-5676	#02-5381	#03-5349	#04-5663	#05-5598	#06-5653	#07-5290	#08-5347	#09-5692	#10-5454
#11-5664	#12-5314	#13-5501	#14-5504	#15-5289	#16-5257	#17-5391	#18-5500	#19-5714	#20-5537
#21-5394	#22-5339	#23-5722	#24-5571	#25-5392	#26-5478	#27-5267	#28-5582	#29-5374	#30-5705
#31-5413	#32-5584	#33-5404	#34-5564	#35-5294	#36-5672	#37-5285	#38-5316	#39-5704	#40-5493
#41-5717	#42-5687	#43-5252	#44-5375	#45-5632	#46-5256	#47-5439	#48-5635	#49-5264	#50-5559
#51-5287	#52-5435	#53-5573	#54-5702	#55-5583	#56-5587	#57-5386	#58-5503	#59-5523	#60-5371
#61-5634	#62-5436	#63-5696	#64-5709	#65-5297	#66-5332	#67-5636	#68-5656	#69-5461	#70-5343
#71-5691	#72-5326	#73-5518	#74-5470	#75-5542	#76-5428	#77-5337	#78-5596	#79-5655	#80-5387
#81-5293	#82-5357	#83-5566	#84-5534	#85-5668	#86-5700	#87-5261	#88-5423	#89-5703	#90-5433
#91-5538	#92-5507	#93-5514	#94-5580	#95-5577	#96-5530	#97-5716	#98-5269	#99-5330	#100-5551

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#01-5341	#02-5500	#03-5428	#04-5646	#05-5590	#06-5685	#07-5636	#08-5352	#09-5410	#10-5406
#11-5501	#12-5511	#13-5567	#14-5387	#15-5327	#16-5534	#17-5589	#18-5412	#19-5287	#20-5313
#21-5319	#22-5469	#23-5681	#24-5277	#25-5528	#26-5439	#27-5537	#28-5662	#29-5616	#30-5259
#31-5436	#32-5318	#33-5519	#34-5356	#35-5292	#36-5518	#37-5653	#38-5650	#39-5673	#40-5713
#41-5316	#42-5631	#43-5260	#44-5550	#45-5656	#46-5279	#47-5667	#48-5378	#49-5503	#50-5299
#51-5671	#52-5556	#53-5705	#54-5265	#55-5483	#56-5598	#57-5544	#58-5398	#59-5370	#60-5403
#61-5401	#62-5702	#63-5463	#64-5400	#65-5697	#66-5433	#67-5718	#68-5462	#69-5346	#70-5540
#71-5606	#72-5663	#73-5466	#74-5301	#75-5723	#76-5415	#77-5457	#78-5380	#79-5348	#80-5496
#81-5497	#82-5408	#83-5405	#84-5570	#85-5312	#86-5605	#87-5338	#88-5506	#89-5596	#90-5422
#91-5695	#92-5504	#93-5532	#94-5521	#95-5564	#96-5337	#97-5421	#98-5586	#99-5579	#100-5473

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#01-5287	#02-5453	#03-5280	#04-5691	#05-5416	#06-5255	#07-5340	#08-5652	#09-5268	#10-5324
#11-5394	#12-5417	#13-5302	#14-5599	#15-5631	#16-5718	#17-5546	#18-5621	#19-5338	#20-5346
#21-5345	#22-5469	#23-5592	#24-5653	#25-5567	#26-5359	#27-5388	#28-5673	#29-5468	#30-5633
#31-5717	#32-5595	#33-5529	#34-5600	#35-5460	#36-5295	#37-5379	#38-5442	#39-5403	#40-5310
#41-5518	#42-5415	#43-5489	#44-5525	#45-5277	#46-5536	#47-5455	#48-5659	#49-5613	#50-5569
#51-5520	#52-5523	#53-5499	#54-5485	#55-5381	#56-5550	#57-5586	#58-5353	#59-5373	#60-5309
#61-5598	#62-5392	#63-5438	#64-5361	#65-5328	#66-5522	#67-5612	#68-5427	#69-5389	#70-5589
#71-5594	#72-5355	#73-5475	#74-5274	#75-5555	#76-5660	#77-5706	#78-5318	#79-5629	#80-5283
#81-5635	#82-5456	#83-5311	#84-5626	#85-5365	#86-5449	#87-5350	#88-5294	#89-5476	#90-5645
#91-5436	#92-5271	#93-5317	#94-5342	#95-5446	#96-5382	#97-5702	#98-5380	#99-5451	#100-5494

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#01-5650	#02-5278	#03-5519	#04-5276	#05-5703	#06-5414	#07-5302	#08-5472	#09-5659	#10-5453
#11-5566	#12-5515	#13-5452	#14-5340	#15-5406	#16-5390	#17-5330	#18-5542	#19-5722	#20-5608
#21-5420	#22-5563	#23-5679	#24-5475	#25-5400	#26-5569	#27-5289	#28-5378	#29-5562	#30-5425
#31-5677	#32-5583	#33-5602	#34-5387	#35-5356	#36-5600	#37-5658	#38-5283	#39-5643	#40-5673
#41-5393	#42-5601	#43-5358	#44-5263	#45-5320	#46-5641	#47-5543	#48-5701	#49-5656	#50-5298
#51-5295	#52-5412	#53-5376	#54-5558	#55-5314	#56-5339	#57-5325	#58-5294	#59-5598	#60-5389
#61-5377	#62-5646	#63-5633	#64-5488	#65-5502	#66-5711	#67-5638	#68-5313	#69-5707	#70-5531

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#71-5459	#72-5296	#73-5620	#74-5300	#75-5465	#76-5540	#77-5454	#78-5666	#79-5407	#80-5486
#81-5269	#82-5315	#83-5449	#84-5514	#85-5380	#86-5520	#87-5457	#88-5287	#89-5331	#90-5266
#91-5528	#92-5616	#93-5417	#94-5510	#95-5552	#96-5479	#97-5693	#98-5603	#99-5492	#100-5338

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#01-5252	#02-5482	#03-5719	#04-5374	#05-5566	#06-5724	#07-5513	#08-5328	#09-5349	#10-5496
#11-5612	#12-5385	#13-5617	#14-5364	#15-5363	#16-5311	#17-5449	#18-5373	#19-5357	#20-5707
#21-5509	#22-5601	#23-5710	#24-5685	#25-5259	#26-5568	#27-5609	#28-5365	#29-5474	#30-5712
#31-5574	#32-5575	#33-5425	#34-5315	#35-5481	#36-5516	#37-5316	#38-5322	#39-5670	#40-5381
#41-5253	#42-5378	#43-5663	#44-5554	#45-5387	#46-5395	#47-5722	#48-5294	#49-5400	#50-5489
#51-5275	#52-5571	#53-5495	#54-5507	#55-5553	#56-5379	#57-5498	#58-5282	#59-5367	#60-5721
#61-5362	#62-5407	#63-5584	#64-5358	#65-5646	#66-5286	#67-5682	#68-5549	#69-5610	#70-5577
#71-5716	#72-5380	#73-5430	#74-5699	#75-5701	#76-5390	#77-5656	#78-5413	#79-5555	#80-5594
#81-5569	#82-5561	#83-5690	#84-5708	#85-5680	#86-5256	#87-5331	#88-5640	#89-5486	#90-5350
#91-5270	#92-5285	#93-5675	#94-5667	#95-5265	#96-5578	#97-5519	#98-5548	#99-5630	#100-5342

Type 6 #6 [Back to Summary]

#01-5430	#02-5423	#03-5413	#04-5545	#05-5493	#06-5625	#07-5392	#08-5515	#09-5525	#10-5417
#11-5442	#12-5336	#13-5453	#14-5498	#15-5400	#16-5529	#17-5429	#18-5594	#19-5393	#20-5643
#21-5680	#22-5288	#23-5307	#24-5504	#25-5558	#26-5685	#27-5415	#28-5477	#29-5691	#30-5373
#31-5591	#32-5350	#33-5499	#34-5461	#35-5410	#36-5390	#37-5396	#38-5397	#39-5474	#40-5310
#41-5590	#42-5550	#43-5365	#44-5317	#45-5644	#46-5660	#47-5565	#48-5439	#49-5526	#50-5466
#51-5391	#52-5657	#53-5406	#54-5719	#55-5384	#56-5382	#57-5357	#58-5639	#59-5715	#60-5539
#61-5459	#62-5647	#63-5555	#64-5387	#65-5561	#66-5328	#67-5572	#68-5716	#69-5324	#70-5255
#71-5367	#72-5275	#73-5363	#74-5327	#75-5298	#76-5379	#77-5649	#78-5712	#79-5595	#80-5624
#81-5369	#82-5705	#83-5679	#84-5481	#85-5704	#86-5661	#87-5670	#88-5507	#89-5311	#90-5269
#91-5278	#92-5491	#93-5414	#94-5663	#95-5584	#96-5667	#97-5720	#98-5698	#99-5492	#100-5553

Type 6 #7 [Back to Summary]

#01-5340	#02-5568	#03-5355	#04-5515	#05-5338	#06-5370	#07-5534	#08-5324	#09-5665	#10-5258
#11-5472	#12-5379	#13-5299	#14-5346	#15-5413	#16-5479	#17-5690	#18-5322	#19-5419	#20-5621
#21-5394	#22-5311	#23-5649	#24-5308	#25-5700	#26-5612	#27-5595	#28-5437	#29-5480	#30-5365
#31-5393	#32-5670	#33-5476	#34-5283	#35-5535	#36-5536	#37-5604	#38-5418	#39-5390	#40-5589
#41-5380	#42-5598	#43-5566	#44-5307	#45-5529	#46-5633	#47-5443	#48-5315	#49-5506	#50-5358
#51-5705	#52-5648	#53-5540	#54-5599	#55-5415	#56-5276	#57-5650	#58-5293	#59-5544	#60-5455
#61-5501	#62-5351	#63-5578	#64-5556	#65-5597	#66-5527	#67-5634	#68-5263	#69-5541	#70-5608
#71-5603	#72-5522	#73-5667	#74-5553	#75-5490	#76-5517	#77-5468	#78-5588	#79-5503	#80-5318
#81-5424	#82-5526	#83-5660	#84-5368	#85-5384	#86-5464	#87-5383	#88-5610	#89-5605	#90-5498
#91-5618	#92-5559	#93-5606	#94-5668	#95-5333	#96-5273	#97-5268	#98-5260	#99-5440	#100-5724

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#01-5250	#02-5424	#03-5504	#04-5625	#05-5482	#06-5429	#07-5710	#08-5707	#09-5352	#10-5615
#11-5531	#12-5308	#13-5513	#14-5469	#15-5278	#16-5695	#17-5418	#18-5454	#19-5416	#20-5375
#21-5392	#22-5277	#23-5391	#24-5286	#25-5718	#26-5294	#27-5650	#28-5252	#29-5467	#30-5470

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#31-5505	#32-5462	#33-5397	#34-5514	#35-5321	#36-5724	#37-5274	#38-5282	#39-5613	#40-5678
#41-5488	#42-5402	#43-5503	#44-5703	#45-5692	#46-5556	#47-5296	#48-5378	#49-5631	#50-5367
#51-5583	#52-5544	#53-5571	#54-5317	#55-5582	#56-5696	#57-5284	#58-5472	#59-5633	#60-5441
#61-5508	#62-5706	#63-5496	#64-5611	#65-5364	#66-5324	#67-5637	#68-5257	#69-5403	#70-5280
#71-5669	#72-5393	#73-5569	#74-5465	#75-5619	#76-5717	#77-5509	#78-5411	#79-5318	#80-5419
#81-5251	#82-5528	#83-5346	#84-5348	#85-5609	#86-5682	#87-5617	#88-5335	#89-5652	#90-5349
#91-5688	#92-5535	#93-5373	#94-5427	#95-5432	#96-5502	#97-5630	#98-5607	#99-5589	#100-5624

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#01-5639	#02-5286	#03-5701	#04-5601	#05-5419	#06-5440	#07-5696	#08-5354	#09-5420	#10-5585
#11-5444	#12-5595	#13-5401	#14-5467	#15-5439	#16-5707	#17-5613	#18-5394	#19-5252	#20-5404
#21-5430	#22-5553	#23-5327	#24-5304	#25-5311	#26-5390	#27-5269	#28-5396	#29-5288	#30-5369
#31-5339	#32-5621	#33-5547	#34-5421	#35-5506	#36-5688	#37-5546	#38-5473	#39-5653	#40-5423
#41-5713	#42-5515	#43-5637	#44-5315	#45-5628	#46-5345	#47-5376	#48-5632	#49-5708	#50-5450
#51-5610	#52-5487	#53-5607	#54-5436	#55-5449	#56-5333	#57-5681	#58-5647	#59-5539	#60-5276
#61-5422	#62-5554	#63-5316	#64-5300	#65-5502	#66-5551	#67-5298	#68-5714	#69-5687	#70-5480
#71-5410	#72-5392	#73-5476	#74-5561	#75-5416	#76-5644	#77-5643	#78-5261	#79-5400	#80-5690
#81-5264	#82-5361	#83-5413	#84-5570	#85-5489	#86-5580	#87-5258	#88-5360	#89-5695	#90-5417
#91-5255	#92-5624	#93-5655	#94-5622	#95-5724	#96-5409	#97-5453	#98-5583	#99-5540	#100-5326

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#01-5295	#02-5389	#03-5666	#04-5481	#05-5282	#06-5466	#07-5262	#08-5303	#09-5266	#10-5529
#11-5420	#12-5671	#13-5496	#14-5576	#15-5264	#16-5312	#17-5392	#18-5476	#19-5548	#20-5645
#21-5543	#22-5664	#23-5268	#24-5525	#25-5471	#26-5515	#27-5468	#28-5577	#29-5562	#30-5256
#31-5447	#32-5313	#33-5445	#34-5329	#35-5648	#36-5604	#37-5422	#38-5658	#39-5538	#40-5270
#41-5571	#42-5686	#43-5349	#44-5419	#45-5723	#46-5315	#47-5381	#48-5333	#49-5613	#50-5669
#51-5275	#52-5698	#53-5293	#54-5624	#55-5513	#56-5361	#57-5375	#58-5397	#59-5259	#60-5499
#61-5721	#62-5417	#63-5472	#64-5258	#65-5335	#66-5365	#67-5480	#68-5426	#69-5655	#70-5393
#71-5615	#72-5461	#73-5665	#74-5533	#75-5331	#76-5587	#77-5572	#78-5578	#79-5530	#80-5412
#81-5385	#82-5395	#83-5691	#84-5621	#85-5710	#86-5482	#87-5272	#88-5553	#89-5541	#90-5544
#91-5484	#92-5283	#93-5647	#94-5296	#95-5274	#96-5407	#97-5467	#98-5342	#99-5347	#100-5618

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#01-5561	#02-5685	#03-5398	#04-5471	#05-5304	#06-5538	#07-5282	#08-5488	#09-5547	#10-5655
#11-5513	#12-5525	#13-5593	#14-5575	#15-5360	#16-5583	#17-5449	#18-5577	#19-5272	#20-5579
#21-5340	#22-5652	#23-5609	#24-5364	#25-5636	#26-5584	#27-5533	#28-5625	#29-5502	#30-5650
#31-5365	#32-5476	#33-5474	#34-5638	#35-5570	#36-5417	#37-5716	#38-5459	#39-5558	#40-5415
#41-5437	#42-5499	#43-5251	#44-5608	#45-5273	#46-5680	#47-5405	#48-5319	#49-5657	#50-5407
#51-5677	#52-5615	#53-5310	#54-5484	#55-5517	#56-5637	#57-5326	#58-5283	#59-5557	#60-5441
#61-5252	#62-5381	#63-5707	#64-5623	#65-5534	#66-5284	#67-5296	#68-5684	#69-5250	#70-5667
#71-5590	#72-5712	#73-5264	#74-5572	#75-5380	#76-5555	#77-5649	#78-5253	#79-5342	#80-5686
#81-5420	#82-5460	#83-5697	#84-5345	#85-5700	#86-5472	#87-5413	#88-5717	#89-5362	#90-5662
#91-5341	#92-5681	#93-5624	#94-5363	#95-5418	#96-5309	#97-5518	#98-5352	#99-5318	#100-5715

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#01-5631	#02-5454	#03-5320	#04-5713	#05-5546	#06-5688	#07-5599	#08-5459	#09-5354	#10-5683
#11-5710	#12-5327	#13-5664	#14-5602	#15-5274	#16-5509	#17-5412	#18-5608	#19-5646	#20-5308
#21-5585	#22-5303	#23-5562	#24-5312	#25-5568	#26-5630	#27-5333	#28-5620	#29-5406	#30-5325
#31-5286	#32-5540	#33-5656	#34-5352	#35-5298	#36-5692	#37-5395	#38-5706	#39-5519	#40-5258
#41-5597	#42-5680	#43-5606	#44-5405	#45-5674	#46-5264	#47-5266	#48-5275	#49-5345	#50-5629
#51-5616	#52-5636	#53-5431	#54-5257	#55-5380	#56-5571	#57-5610	#58-5260	#59-5394	#60-5638
#61-5600	#62-5702	#63-5306	#64-5283	#65-5645	#66-5420	#67-5400	#68-5558	#69-5545	#70-5313
#71-5372	#72-5436	#73-5342	#74-5640	#75-5438	#76-5627	#77-5424	#78-5415	#79-5365	#80-5550
#81-5613	#82-5310	#83-5526	#84-5496	#85-5434	#86-5378	#87-5369	#88-5651	#89-5699	#90-5453
#91-5332	#92-5388	#93-5560	#94-5604	#95-5381	#96-5622	#97-5626	#98-5572	#99-5483	#100-5506

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#01-5593	#02-5423	#03-5444	#04-5282	#05-5516	#06-5438	#07-5552	#08-5515	#09-5551	#10-5469
#11-5404	#12-5453	#13-5626	#14-5563	#15-5271	#16-5550	#17-5417	#18-5530	#19-5580	#20-5522
#21-5301	#22-5473	#23-5598	#24-5354	#25-5705	#26-5708	#27-5594	#28-5449	#29-5511	#30-5533
#31-5252	#32-5569	#33-5655	#34-5577	#35-5688	#36-5436	#37-5590	#38-5494	#39-5709	#40-5716
#41-5544	#42-5574	#43-5342	#44-5474	#45-5290	#46-5604	#47-5480	#48-5255	#49-5589	#50-5548
#51-5446	#52-5346	#53-5253	#54-5684	#55-5454	#56-5365	#57-5557	#58-5334	#59-5304	#60-5529
#61-5575	#62-5347	#63-5251	#64-5269	#65-5463	#66-5570	#67-5523	#68-5300	#69-5607	#70-5555
#71-5687	#72-5650	#73-5541	#74-5591	#75-5699	#76-5441	#77-5372	#78-5361	#79-5315	#80-5353
#81-5467	#82-5596	#83-5599	#84-5686	#85-5326	#86-5633	#87-5562	#88-5693	#89-5364	#90-5567
#91-5619	#92-5491	#93-5433	#94-5415	#95-5388	#96-5440	#97-5576	#98-5325	#99-5263	#100-5443

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#01-5324	#02-5436	#03-5382	#04-5284	#05-5590	#06-5533	#07-5530	#08-5393	#09-5711	#10-5257
#11-5719	#12-5444	#13-5274	#14-5673	#15-5311	#16-5709	#17-5485	#18-5291	#19-5662	#20-5565
#21-5253	#22-5558	#23-5657	#24-5280	#25-5665	#26-5438	#27-5453	#28-5371	#29-5442	#30-5502
#31-5603	#32-5299	#33-5353	#34-5591	#35-5282	#36-5289	#37-5458	#38-5556	#39-5350	#40-5522
#41-5351	#42-5422	#43-5704	#44-5361	#45-5577	#46-5421	#47-5479	#48-5499	#49-5368	#50-5411
#51-5689	#52-5538	#53-5392	#54-5425	#55-5451	#56-5496	#57-5508	#58-5354	#59-5342	#60-5404
#61-5331	#62-5414	#63-5677	#64-5468	#65-5383	#66-5672	#67-5340	#68-5412	#69-5644	#70-5273
#71-5515	#72-5653	#73-5667	#74-5397	#75-5476	#76-5566	#77-5583	#78-5557	#79-5434	#80-5505
#81-5688	#82-5681	#83-5255	#84-5283	#85-5543	#86-5319	#87-5632	#88-5652	#89-5396	#90-5520
#91-5514	#92-5349	#93-5469	#94-5671	#95-5446	#96-5661	#97-5475	#98-5501	#99-5703	#100-5626

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#01-5328	#02-5317	#03-5578	#04-5341	#05-5627	#06-5284	#07-5592	#08-5721	#09-5678	#10-5612
#11-5638	#12-5674	#13-5647	#14-5565	#15-5437	#16-5376	#17-5404	#18-5642	#19-5648	#20-5308
#21-5291	#22-5411	#23-5263	#24-5381	#25-5491	#26-5407	#27-5443	#28-5719	#29-5679	#30-5528
#31-5338	#32-5331	#33-5570	#34-5526	#35-5420	#36-5617	#37-5353	#38-5637	#39-5382	#40-5500
#41-5454	#42-5632	#43-5701	#44-5504	#45-5596	#46-5553	#47-5427	#48-5614	#49-5479	#50-5311
#51-5506	#52-5547	#53-5569	#54-5644	#55-5581	#56-5643	#57-5300	#58-5446	#59-5568	#60-5467
#61-5562	#62-5593	#63-5289	#64-5394	#65-5519	#66-5552	#67-5350	#68-5366	#69-5398	#70-5539

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#81-5704	#82-5544	#83-5483	#84-5616	#85-5269	#86-5509	#87-5475	#88-5660	#89-5672	#90-5495
#91-5563	#92-5630	#93-5312	#94-5635	#95-5661	#96-5577	#97-5589	#98-5545	#99-5707	#100-5287

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#01-5455	#02-5307	#03-5468	#04-5662	#05-5289	#06-5268	#07-5288	#08-5426	#09-5312	#10-5454
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#21-5329	#22-5425	#23-5430	#24-5626	#25-5704	#26-5371	#27-5427	#28-5605	#29-5472	#30-5251
#31-5522	#32-5609	#33-5508	#34-5467	#35-5457	#36-5647	#37-5333	#38-5557	#39-5579	#40-5254
#41-5482	#42-5310	#43-5598	#44-5473	#45-5296	#46-5273	#47-5689	#48-5403	#49-5394	#50-5638
#51-5481	#52-5442	#53-5432	#54-5696	#55-5693	#56-5285	#57-5610	#58-5572	#59-5684	#60-5649
#61-5573	#62-5409	#63-5686	#64-5313	#65-5661	#66-5577	#67-5297	#68-5459	#69-5438	#70-5575
#71-5667	#72-5533	#73-5553	#74-5370	#75-5516	#76-5267	#77-5554	#78-5687	#79-5584	#80-5682
#81-5405	#82-5274	#83-5465	#84-5556	#85-5506	#86-5332	#87-5428	#88-5536	#89-5500	#90-5417
#91-5291	#92-5492	#93-5599	#94-5655	#95-5402	#96-5320	#97-5349	#98-5541	#99-5534	#100-5443

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#01-5702	#02-5480	#03-5689	#04-5542	#05-5694	#06-5665	#07-5607	#08-5305	#09-5429	#10-5672
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#21-5394	#22-5481	#23-5682	#24-5266	#25-5531	#26-5424	#27-5657	#28-5620	#29-5686	#30-5441
#31-5639	#32-5264	#33-5399	#34-5384	#35-5705	#36-5645	#37-5304	#38-5635	#39-5577	#40-5555
#41-5437	#42-5366	#43-5347	#44-5541	#45-5687	#46-5360	#47-5495	#48-5587	#49-5409	#50-5578
#51-5362	#52-5691	#53-5258	#54-5668	#55-5292	#56-5463	#57-5515	#58-5670	#59-5259	#60-5510
#61-5255	#62-5711	#63-5339	#64-5710	#65-5281	#66-5438	#67-5490	#68-5568	#69-5273	#70-5559
#71-5488	#72-5282	#73-5516	#74-5690	#75-5386	#76-5278	#77-5381	#78-5387	#79-5303	#80-5418
#81-5647	#82-5321	#83-5459	#84-5353	#85-5329	#86-5674	#87-5256	#88-5455	#89-5345	#90-5489
#91-5379	#92-5357	#93-5628	#94-5320	#95-5556	#96-5458	#97-5284	#98-5369	#99-5520	#100-5501

Type 6 #18 [Back to Summary]

#01-5596	#02-5651	#03-5571	#04-5574	#05-5339	#06-5338	#07-5420	#08-5290	#09-5533	#10-5267
#11-5334	#12-5385	#13-5624	#14-5563	#15-5588	#16-5663	#17-5498	#18-5714	#19-5633	#20-5324
#21-5436	#22-5288	#23-5477	#24-5507	#25-5433	#26-5387	#27-5369	#28-5453	#29-5389	#30-5659
#31-5721	#32-5266	#33-5595	#34-5528	#35-5547	#36-5252	#37-5471	#38-5612	#39-5263	#40-5712
#41-5506	#42-5689	#43-5646	#44-5327	#45-5404	#46-5720	#47-5458	#48-5319	#49-5456	#50-5619
#51-5681	#52-5292	#53-5459	#54-5441	#55-5311	#56-5557	#57-5422	#58-5315	#59-5392	#60-5678
#61-5695	#62-5692	#63-5627	#64-5599	#65-5272	#66-5317	#67-5514	#68-5348	#69-5268	#70-5582
#71-5440	#72-5614	#73-5699	#74-5642	#75-5541	#76-5472	#77-5367	#78-5401	#79-5355	#80-5439
#81-5653	#82-5299	#83-5719	#84-5493	#85-5700	#86-5677	#87-5531	#88-5402	#89-5467	#90-5711
#91-5552	#92-5406	#93-5470	#94-5308	#95-5269	#96-5537	#97-5310	#98-5295	#99-5306	#100-5343

Type 6 #19 [Back to Summary]

#01-5456	#02-5363	#03-5303	#04-5597	#05-5429	#06-5316	#07-5315	#08-5541	#09-5625	#10-5566
#11-5440	#12-5270	#13-5687	#14-5677	#15-5275	#16-5647	#17-5698	#18-5386	#19-5624	#20-5317
#21-5507	#22-5362	#23-5602	#24-5277	#25-5280	#26-5285	#27-5399	#28-5639	#29-5626	#30-5255

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#31-5414	#32-5328	#33-5349	#34-5265	#35-5708	#36-5539	#37-5720	#38-5379	#39-5319	#40-5634
#41-5613	#42-5719	#43-5504	#44-5623	#45-5524	#46-5533	#47-5448	#48-5516	#49-5288	#50-5351
#51-5565	#52-5652	#53-5398	#54-5715	#55-5555	#56-5348	#57-5486	#58-5278	#59-5569	#60-5401
#61-5648	#62-5407	#63-5640	#64-5614	#65-5410	#66-5370	#67-5654	#68-5671	#69-5694	#70-5463
#71-5651	#72-5570	#73-5324	#74-5714	#75-5427	#76-5509	#77-5579	#78-5699	#79-5475	#80-5469
#81-5558	#82-5596	#83-5598	#84-5523	#85-5415	#86-5481	#87-5655	#88-5353	#89-5434	#90-5606
#91-5301	#92-5690	#93-5526	#94-5638	#95-5711	#96-5460	#97-5331	#98-5604	#99-5467	#100-5405

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#11-5486	#12-5509	#13-5523	#14-5347	#15-5560	#16-5293	#17-5521	#18-5359	#19-5451	#20-5647
#21-5436	#22-5550	#23-5483	#24-5332	#25-5406	#26-5685	#27-5290	#28-5402	#29-5252	#30-5686
#31-5430	#32-5696	#33-5477	#34-5318	#35-5590	#36-5312	#37-5305	#38-5304	#39-5361	#40-5424
#41-5633	#42-5502	#43-5538	#44-5390	#45-5373	#46-5519	#47-5419	#48-5435	#49-5335	#50-5671
#51-5667	#52-5697	#53-5409	#54-5557	#55-5695	#56-5308	#57-5263	#58-5465	#59-5389	#60-5463
#61-5675	#62-5427	#63-5399	#64-5587	#65-5593	#66-5520	#67-5278	#68-5458	#69-5491	#70-5498
#71-5713	#72-5470	#73-5250	#74-5279	#75-5265	#76-5662	#77-5261	#78-5346	#79-5687	#80-5620
#81-5524	#82-5591	#83-5322	#84-5310	#85-5270	#86-5464	#87-5545	#88-5654	#89-5352	#90-5534
#91-5301	#92-5576	#93-5641	#94-5628	#95-5475	#96-5456	#97-5353	#98-5680	#99-5535	#100-5586

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#21-5706	#22-5352	#23-5357	#24-5684	#25-5444	#26-5395	#27-5553	#28-5349	#29-5531	#30-5535
#31-5565	#32-5305	#33-5541	#34-5354	#35-5382	#36-5556	#37-5638	#38-5477	#39-5347	#40-5546
#41-5489	#42-5409	#43-5367	#44-5314	#45-5478	#46-5384	#47-5313	#48-5394	#49-5680	#50-5386
#51-5345	#52-5255	#53-5369	#54-5408	#55-5604	#56-5390	#57-5586	#58-5711	#59-5372	#60-5542
#61-5621	#62-5597	#63-5576	#64-5250	#65-5448	#66-5716	#67-5348	#68-5403	#69-5371	#70-5364
#71-5432	#72-5607	#73-5718	#74-5266	#75-5614	#76-5549	#77-5709	#78-5286	#79-5461	#80-5310
#81-5323	#82-5422	#83-5405	#84-5411	#85-5446	#86-5566	#87-5664	#88-5398	#89-5487	#90-5722
#91-5698	#92-5653	#93-5359	#94-5538	#95-5650	#96-5623	#97-5568	#98-5365	#99-5601	#100-5492

Type 6 #22 [Back to Summary]									
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#11-5399	#12-5542	#13-5504	#14-5308	#15-5462	#16-5455	#17-5448	#18-5421	#19-5544	#20-5613
#21-5300	#22-5688	#23-5642	#24-5374	#25-5390	#26-5497	#27-5494	#28-5430	#29-5340	#30-5715
#31-5709	#32-5595	#33-5414	#34-5693	#35-5285	#36-5406	#37-5393	#38-5556	#39-5443	#40-5687
#41-5546	#42-5570	#43-5601	#44-5426	#45-5576	#46-5407	#47-5398	#48-5303	#49-5325	#50-5450
#51-5424	#52-5388	#53-5555	#54-5713	#55-5441	#56-5317	#57-5254	#58-5625	#59-5432	#60-5442
#61-5704	#62-5563	#63-5259	#64-5529	#65-5321	#66-5532	#67-5373	#68-5539	#69-5271	#70-5307
#71-5314	#72-5624	#73-5703	#74-5583	#75-5322	#76-5465	#77-5342	#78-5474	#79-5528	#80-5705
#81-5347	#82-5445	#83-5357	#84-5623	#85-5548	#86-5575	#87-5291	#88-5431	#89-5509	#90-5692
#91-5402	#92-5502	#93-5376	#94-5253	#95-5710	#96-5708	#97-5565	#98-5327	#99-5359	#100-5293

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#01-5282	#02-5590	#03-5283	#04-5269	#05-5386	#06-5528	#07-5414	#08-5700	#09-5646	#10-5707
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#21-5487	#22-5672	#23-5281	#24-5304	#25-5628	#26-5542	#27-5495	#28-5696	#29-5591	#30-5333
#31-5623	#32-5264	#33-5360	#34-5480	#35-5670	#36-5476	#37-5406	#38-5335	#39-5485	#40-5262
#41-5405	#42-5318	#43-5509	#44-5526	#45-5715	#46-5611	#47-5399	#48-5651	#49-5634	#50-5442
#51-5506	#52-5439	#53-5338	#54-5604	#55-5536	#56-5332	#57-5560	#58-5704	#59-5365	#60-5570
#61-5284	#62-5437	#63-5359	#64-5564	#65-5329	#66-5686	#67-5408	#68-5593	#69-5501	#70-5589
#71-5361	#72-5371	#73-5609	#74-5693	#75-5319	#76-5421	#77-5420	#78-5486	#79-5310	#80-5267
#81-5393	#82-5571	#83-5312	#84-5401	#85-5557	#86-5438	#87-5653	#88-5481	#89-5673	#90-5592
#91-5645	#92-5428	#93-5695	#94-5639	#95-5706	#96-5688	#97-5680	#98-5664	#99-5440	#100-5274

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#21-5286	#22-5654	#23-5645	#24-5635	#25-5671	#26-5660	#27-5398	#28-5694	#29-5715	#30-5355
#31-5462	#32-5476	#33-5293	#34-5285	#35-5539	#36-5582	#37-5417	#38-5267	#39-5315	#40-5421
#41-5599	#42-5535	#43-5672	#44-5559	#45-5674	#46-5571	#47-5508	#48-5600	#49-5463	#50-5513
#51-5566	#52-5724	#53-5659	#54-5540	#55-5713	#56-5522	#57-5611	#58-5487	#59-5348	#60-5397
#61-5712	#62-5588	#63-5374	#64-5425	#65-5625	#66-5413	#67-5276	#68-5602	#69-5526	#70-5567
#71-5274	#72-5353	#73-5617	#74-5562	#75-5271	#76-5474	#77-5705	#78-5331	#79-5688	#80-5344
#81-5399	#82-5515	#83-5479	#84-5448	#85-5509	#86-5457	#87-5537	#88-5473	#89-5297	#90-5259
#91-5693	#92-5648	#93-5639	#94-5636	#95-5424	#96-5256	#97-5405	#98-5492	#99-5656	#100-5502

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#11-5548	#12-5531	#13-5527	#14-5252	#15-5250	#16-5442	#17-5361	#18-5654	#19-5640	#20-5417
#21-5603	#22-5525	#23-5560	#24-5519	#25-5601	#26-5350	#27-5436	#28-5705	#29-5386	#30-5265
#31-5318	#32-5462	#33-5402	#34-5430	#35-5533	#36-5496	#37-5451	#38-5593	#39-5688	#40-5302
#41-5355	#42-5444	#43-5684	#44-5539	#45-5435	#46-5410	#47-5370	#48-5644	#49-5642	#50-5711
#51-5625	#52-5479	#53-5582	#54-5488	#55-5632	#56-5268	#57-5320	#58-5522	#59-5267	#60-5384
#61-5272	#62-5375	#63-5683	#64-5507	#65-5415	#66-5333	#67-5378	#68-5343	#69-5452	#70-5482
#71-5718	#72-5499	#73-5692	#74-5587	#75-5310	#76-5407	#77-5573	#78-5273	#79-5331	#80-5439
#81-5707	#82-5530	#83-5313	#84-5403	#85-5365	#86-5571	#87-5611	#88-5646	#89-5534	#90-5513
#91-5423	#92-5659	#93-5578	#94-5556	#95-5283	#96-5704	#97-5485	#98-5425	#99-5367	#100-5349

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#11-5424	#12-5301	#13-5441	#14-5556	#15-5405	#16-5474	#17-5310	#18-5533	#19-5390	#20-5580
#21-5457	#22-5466	#23-5548	#24-5663	#25-5307	#26-5315	#27-5648	#28-5388	#29-5554	#30-5334
#31-5647	#32-5392	#33-5628	#34-5704	#35-5401	#36-5680	#37-5333	#38-5632	#39-5412	#40-5711
#41-5296	#42-5609	#43-5469	#44-5305	#45-5339	#46-5372	#47-5470	#48-5267	#49-5396	#50-5541
#51-5645	#52-5682	#53-5283	#54-5521	#55-5623	#56-5550	#57-5460	#58-5507	#59-5352	#60-5655
#61-5459	#62-5375	#63-5423	#64-5341	#65-5555	#66-5279	#67-5400	#68-5464	#69-5406	#70-5455

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#71-5385	#72-5407	#73-5366	#74-5411	#75-5536	#76-5577	#77-5722	#78-5497	#79-5583	#80-5662
#81-5581	#82-5629	#83-5718	#84-5260	#85-5418	#86-5690	#87-5354	#88-5357	#89-5328	#90-5586
#91-5484	#92-5562	#93-5534	#94-5490	#95-5512	#96-5650	#97-5443	#98-5370	#99-5491	#100-5302

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#61-5617	#62-5677	#63-5709	#64-5355	#65-5645	#66-5674	#67-5687	#68-5385	#69-5453	#70-5479
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#81-5655	#82-5478	#83-5455	#84-5669	#85-5336	#86-5346	#87-5398	#88-5353	#89-5388	#90-5272
#91-5689	#92-5716	#93-5331	#94-5268	#95-5276	#96-5426	#97-5488	#98-5262	#99-5351	#100-5326

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#41-5612	#42-5686	#43-5666	#44-5423	#45-5255	#46-5427	#47-5457	#48-5561	#49-5352	#50-5613
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#61-5426	#62-5657	#63-5451	#64-5370	#65-5271	#66-5351	#67-5498	#68-5308	#69-5588	#70-5464
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#31-5336	#32-5355	#33-5381	#34-5530	#35-5411	#36-5636	#37-5439	#38-5524	#39-5250	#40-5296
#41-5500	#42-5286	#43-5579	#44-5675	#45-5624	#46-5700	#47-5372	#48-5406	#49-5352	#50-5417
#51-5440	#52-5362	#53-5484	#54-5595	#55-5428	#56-5599	#57-5255	#58-5305	#59-5324	#60-5672
#61-5541	#62-5347	#63-5682	#64-5612	#65-5603	#66-5666	#67-5547	#68-5462	#69-5590	#70-5622
#71-5563	#72-5694	#73-5368	#74-5259	#75-5293	#76-5418	#77-5455	#78-5451	#79-5269	#80-5568
#81-5272	#82-5320	#83-5489	#84-5488	#85-5519	#86-5703	#87-5596	#88-5510	#89-5360	#90-5533
#91-5635	#92-5387	#93-5458	#94-5307	#95-5481	#96-5408	#97-5331	#98-5693	#99-5325	#100-5684

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#01-5401	#02-5635	#03-5534	#04-5451	#05-5572	#06-5468	#07-5717	#08-5472	#09-5552	#10-5260
#11-5395	#12-5531	#13-5284	#14-5477	#15-5652	#16-5473	#17-5585	#18-5442	#19-5342	#20-5628
#21-5320	#22-5287	#23-5352	#24-5309	#25-5713	#26-5430	#27-5490	#28-5314	#29-5507	#30-5615

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#31-5334	#32-5488	#33-5376	#34-5310	#35-5419	#36-5362	#37-5511	#38-5282	#39-5642	#40-5300
#41-5707	#42-5375	#43-5683	#44-5348	#45-5389	#46-5355	#47-5353	#48-5702	#49-5381	#50-5256
#51-5550	#52-5611	#53-5600	#54-5424	#55-5614	#56-5368	#57-5539	#58-5481	#59-5466	#60-5396
#61-5705	#62-5656	#63-5692	#64-5665	#65-5653	#66-5637	#67-5409	#68-5696	#69-5305	#70-5543
#71-5690	#72-5553	#73-5530	#74-5291	#75-5644	#76-5672	#77-5328	#78-5254	#79-5646	#80-5607
#81-5331	#82-5509	#83-5662	#84-5498	#85-5318	#86-5450	#87-5608	#88-5681	#89-5426	#90-5301
#91-5554	#92-5277	#93-5546	#94-5497	#95-5321	#96-5304	#97-5408	#98-5268	#99-5423	#100-5478

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575 Boulder Court
Pleasanton, California 94566, USA
Tel: +1 (925) 462 0304
Fax: +1 (925) 462 0306
www.micomlabs.com