

Company: Hewlett Packard Enterprise

Test of: APIN0344 & APIN0345

To: FCC Subpart E 15.407 & ISED RSS-247

Report No.: HPEN111-U12\_Radio 1\_DFS Rev A

**DFS TEST REPORT ADDENDUM**



# TEST REPORT ADDENDUM - DFS

FROM



Test of: Hewlett Packard Enterprise APIN0344 & APIN0345

To: FCC Part 15 Subpart E 15.407 & ISED RSS-247

Test Report Serial No.: HPEN111-U12\_Radio 1\_DFS Rev A

This report supersedes: NONE

Issue Date: 25<sup>th</sup> October 2017

Master Document Number	Addendum Reports
	HPEN111-U12_Conducted
	HPEN111-U12_Radiated_Radio 1
	HPEN111-U12_Radiated_RSE Radio 0
	HPEN111-U12_Radiated_BE Radio 0
HPEN111-U12_Master (DFS Bands)	HPEN111-U12_DFS

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## **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
<b>NOTE:</b> Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

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

### **1.1. Master Devices**

- a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 – 5350 MHz and 5470 – 5725 MHz bands. DFS is not required in the 5150 – 5250 MHz or 5725 – 5850 MHz bands.
- b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.
- c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.
- d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).
- e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.
- f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.
- g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

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

## **1.2. Client Devices**

- a) A Client Device will not transmit before having received appropriate control signals from a Master Device.
- b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.
- c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.
- d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.
- e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shutdown (rather than moving channels), no beacons should appear.

## **1.3. 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**

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

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

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

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



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## **1.4. Response Requirements**

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

**DFS Response Requirement Values**

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

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

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

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



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## **1.5. 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.

### **1.5.1. 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	Roundup $\left\lceil \left( \frac{1}{360} \cdot \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\rceil$	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.

### **1.5.2. 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.

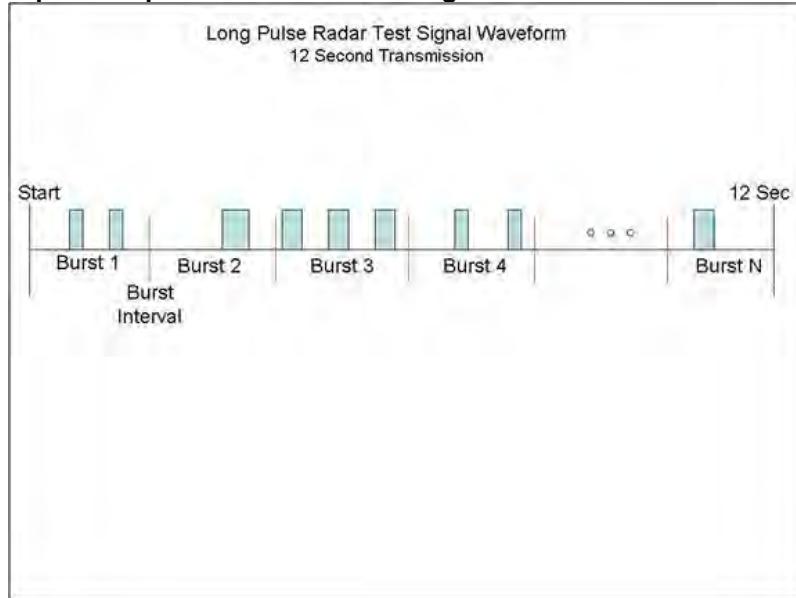
Each waveform is defined as follows:

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.**



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### 1.5.3. 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.

## 1.6. 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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## **1.7. Test Program Details**

**EUT Type:** Master with radar detection

**Frequency band(s):** 5,250 - 5,350 MHz (Radio 1) and 5,470 – 5,725 MHz (Radio 0)

**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

**Antenna Gain used for Testing:** 2 dBi

802.11a (20 MHz Bandwidth)

Transmit Power: 21 dBm Data Rate: 6 Mbit/s Duty Cycle: 17.0%

802.11ac-80+80 (160 MHz Bandwidth)

Transmit Power: 21 dBm Data Rate: 29 Mbit/s Duty Cycle: 17.0%

802.11ac-80 (80 MHz Bandwidth)

Transmit Power: 21 dBm Data Rate: 29 Mbit/s Duty Cycle: 17.0%

802.11n HT-40 (40 MHz Bandwidth)

Transmit Power: 21 dBm Data Rate: 18 Mbit/s Duty Cycle: 17.0%

**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.

**EUT Software Version:** 8.3.0.0

**EUT Build number:** 61730

**Test Environmental Conditions - Ambient:**

Temperature: 17 to 23 °C

Relative humidity: 31 to 57%

Pressure: 999 to 1012 mbar

NOTE: For the APIN0344 and APIN0345 both Radio 0 and Radio 1 were completely exercised as part of the DFS program.

Radio 0: 5470 – 5725 MHz

Radio 1: 5250 – 5350 MHz

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## **2. TEST RESULTS**

### **2.1. Dynamic Frequency Selection (DFS)**

#### **2.1.1. Channel Availability Check**

##### **2.1.1.1. 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.

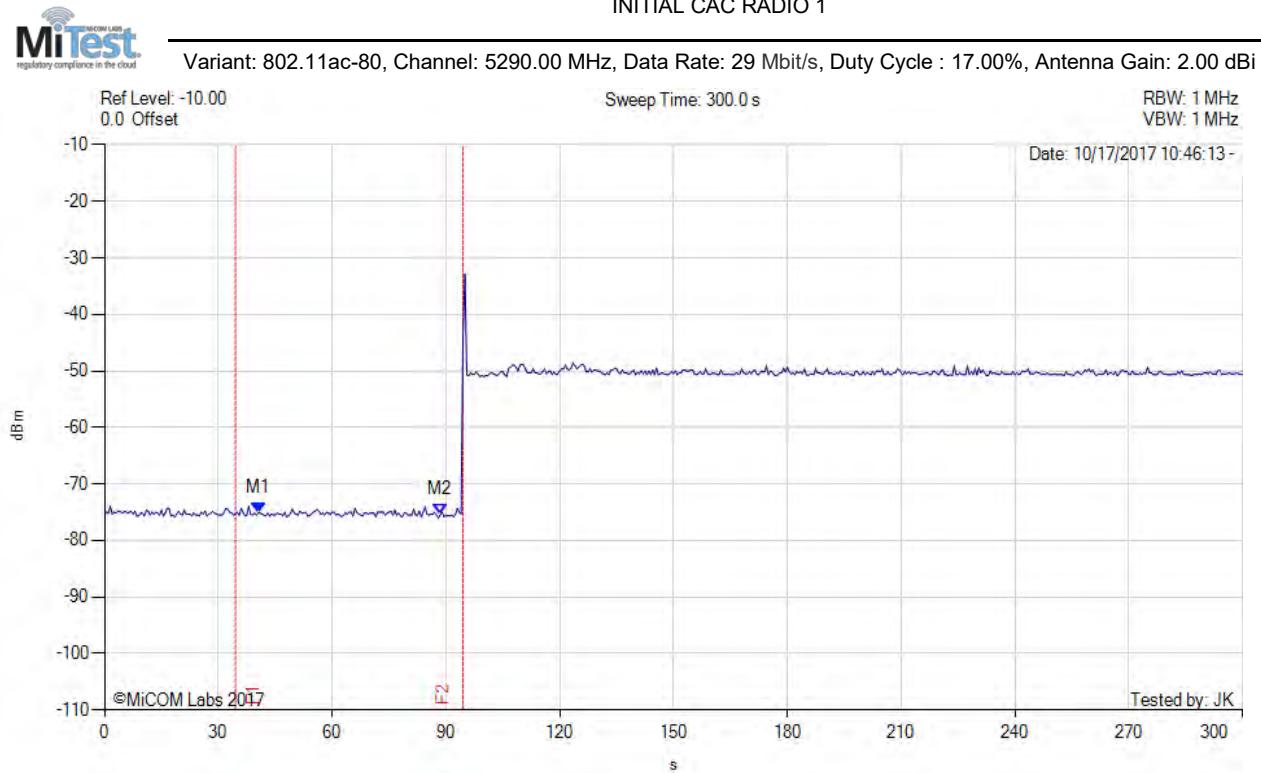
The EUT should not transmit any pulse or data transmissions until at least 1 minute after the completion of the power-on cycle.

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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Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 40.500 s : -75.160 dBm M2 : 88.500 s : -75.500 dBm	Channel Frequency: 5290.00 MHz Measured Frequency: 5320.00 MHz

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### 2.1.1.2. 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.

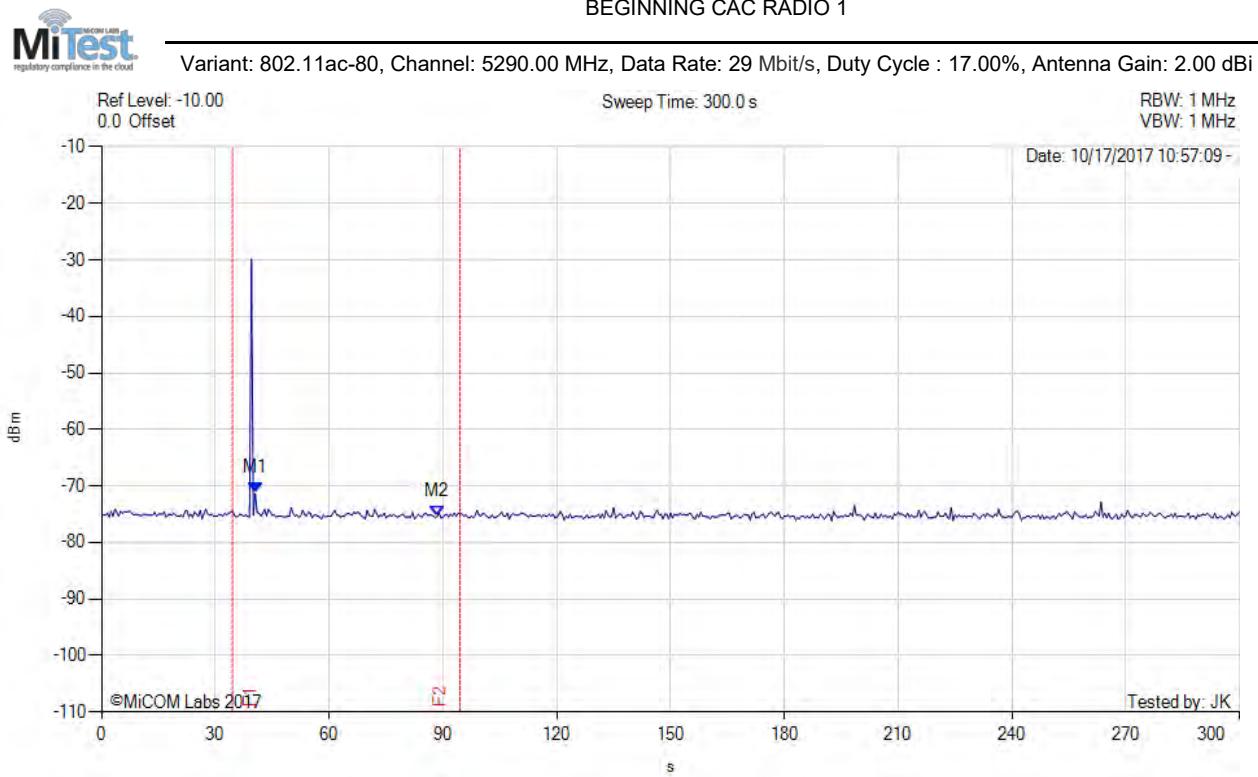
A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T0 (first red vertical marker line on the plot).

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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Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 40.500 s : -71.330 dBm M2 : 88.500 s : -75.330 dBm	Channel Frequency: 5290.00 MHz Measured Frequency: 5320.00 MHz

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### 2.1.1.3. End CAC

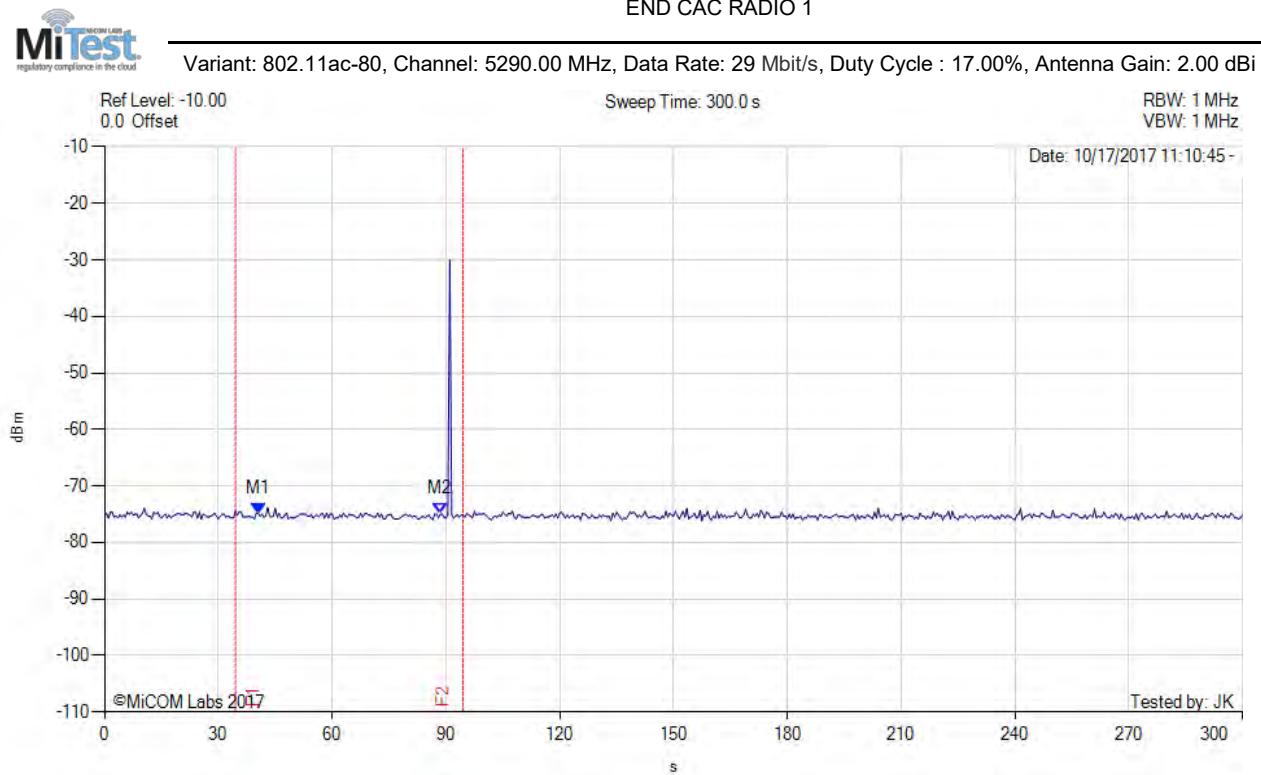
The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold occurs at the end of the Channel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

A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T0 + 54 seconds. The window will commence at marker 3 and end at the red time line T2 (T0 + 60 secs)

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

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Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 40.500 s : -74.830 dBm M2 : 88.500 s : -75.000 dBm	Channel Frequency: 5290.00 MHz Measured Frequency: 5320.00 MHz

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

The steps below define the procedure to determine the above-mentioned parameters when a radar Burst with a level equal to the DFS Detection Threshold is generated on the Operating Channel of the U-NII device.

The EUT will be associated with a support U-NII device in order to setup an appropriate transmission media in accordance with the FCC requirements.

The EUT was monitored on a frequency that contained control beacons.

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

The test system was set-up to capture all transmission data for access point events above a threshold level of -50 dBm. The test equipment time stamps all captured events.

A Type 0 waveform was introduced to the EUT, from which a 12 second transmission record was digitally captured. The start of the Type 0 radar waveform is indicated in the test result plot as "Start Waveform", the end of the waveform is indicated as "End waveform".

Channel Closing Transmission Time, and the Channel Move Time start immediately after the last radar pulse is transmitted.

The aggregate of all pulses seen after the end of the radar injection are measured as the "Channel Closing Transmission time".

The last EUT activity after the end of the radar pulse is identified and used to determine the "Channel Move Time"

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## Frequency 5290 MHz Channel 58 Monitored 5320 MHz RADIO 1

The PXI system measures and aggregates the pulses occurring after the end of the radar pulse to determine; -

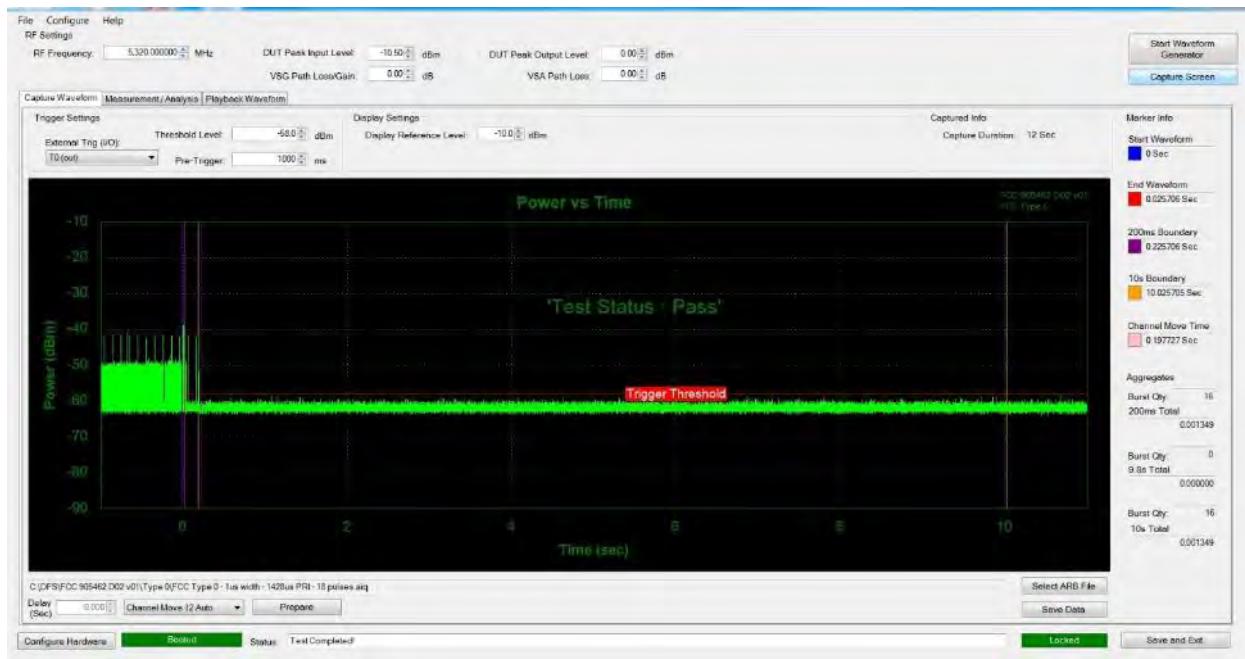
1) Channel Closing Transmission Time (limit is 260 millisecond)

2) Channel Move Time (limit is 10 seconds)

**1) Channel Closing Transmission Time = 1.349 mSecs**

**2) Channel Move Time = 0.197727 Secs**

### Channel Move Time, Channel Closing Transmission Time for Type Radar Captured by the Test System - 0-12 Seconds

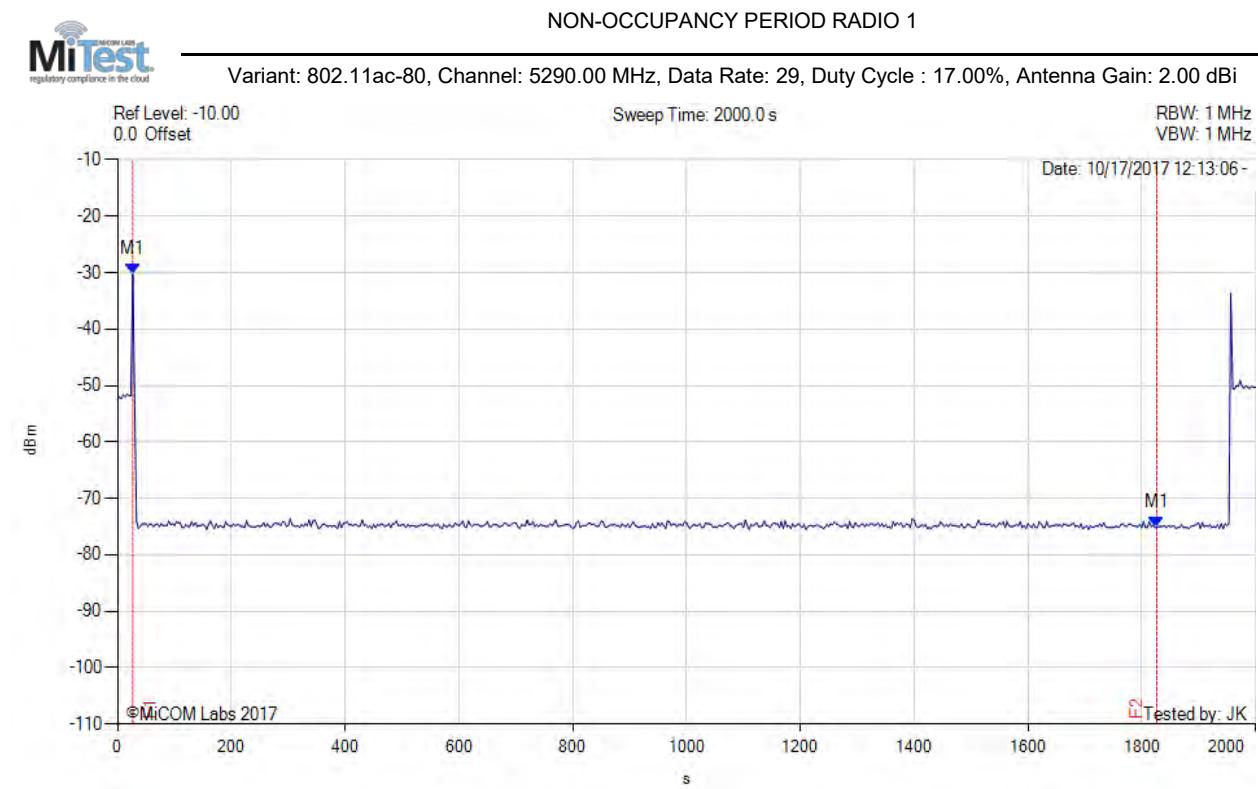



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### **2.1.3. Non-Occupancy Period**

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.



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 26.667 s : -30.330 dBm M1 : 1826.667 s : -75.160 dBm	Channel Frequency: 5290.00 MHz Measured Frequency: 5320.00 MHz

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#### **2.1.4. 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 trials, 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%
<b>Aggregate (82.9% + 60.0% + 90.0% + 88.0%) / 4 = 80.2%</b>			

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#### 802.11a - 5320 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	29	96.67%	Complies	<a href="#">View Data</a>
Radar Type 2	30	28	93.33%	Complies	<a href="#">View Data</a>
Radar Type 3	30	29	96.67%	Complies	<a href="#">View Data</a>
Radar Type 4	30	27	90.00%	Complies	<a href="#">View Data</a>
<b>Aggregate (96.67% + 93.33% + 96.67% + 90.00%) / 4 = 94.17%</b>				Complies	--
Radar Type 5	30	27	90.00%	Complies	<a href="#">View Data</a>
Radar Type 6	30	30	100.00%	Complies	<a href="#">View Data</a>

#### 802.11ac 80\_80 - 5290 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	30	100.00%	Complies	<a href="#">View Data</a>
Radar Type 2	30	29	96.67%	Complies	<a href="#">View Data</a>
Radar Type 3	30	27	90.00%	Complies	<a href="#">View Data</a>
Radar Type 4	30	27	90.00%	Complies	<a href="#">View Data</a>
<b>Aggregate (100.00% + 96.67% + 90.00% + 90.00%) / 4 = 94.17%</b>				Complies	--
Radar Type 5	30	26	86.67%	Complies	<a href="#">View Data</a>
Radar Type 6	30	30	100.00%	Complies	<a href="#">View Data</a>

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#### 802.11ac-80 - 5290 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	28	93.33%	Complies	<a href="#">View Data</a>
Radar Type 2	30	30	100.00%	Complies	<a href="#">View Data</a>
Radar Type 3	30	30	100.00%	Complies	<a href="#">View Data</a>
Radar Type 4	30	27	90.00%	Complies	<a href="#">View Data</a>
<b>Aggregate (93.33% + 100.00% + 100.00% + 90.00%) / 4 = 95.83%</b>				Complies	--
Radar Type 5	30	29	96.67%	Complies	<a href="#">View Data</a>
Radar Type 6	30	30	100.00%	Complies	<a href="#">View Data</a>

#### 802.11n HT-40 - 5310 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	29	96.67%	Complies	<a href="#">View Data</a>
Radar Type 2	30	30	100.00%	Complies	<a href="#">View Data</a>
Radar Type 3	30	30	100.00%	Complies	<a href="#">View Data</a>
Radar Type 4	30	27	90.00%	Complies	<a href="#">View Data</a>
<b>Aggregate (96.67% + 100.00% + 100.00% + 90.00%) / 4 = 96.67%</b>				Complies	--
Radar Type 5	30	26	86.67%	Complies	<a href="#">View Data</a>
Radar Type 6	30	30	100.00%	Complies	<a href="#">View Data</a>

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#### Equipment Configuration for Radar Type 1

<b>Variant:</b>	802.11a	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	6 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5320.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5327	1	618	86	1	1	100.00	Detecting
5328	1	798	67	1	1	100.00	Detecting
5320	1	718	74	1	0	0.00	Not Detecting
5315	1	738	72	1	1	100.00	Detecting
5315	1	698	76	1	1	100.00	Detecting
5326	1	938	57	1	1	100.00	Detecting
5328	1	3066	18	1	1	100.00	Detecting
5327	1	598	89	1	1	100.00	Detecting
5313	1	578	92	1	1	100.00	Detecting
5321	1	658	81	1	1	100.00	Detecting
5326	1	638	83	1	1	100.00	Detecting
5315	1	778	68	1	1	100.00	Detecting
5313	1	678	78	1	1	100.00	Detecting
5325	1	918	58	1	1	100.00	Detecting
5319	1	878	61	1	1	100.00	Detecting
5318	1	898	59	1	1	100.00	Detecting
5320	1	748	71	1	1	100.00	Detecting
5322	1	2230	24	1	1	100.00	Detecting
5312	1	2500	22	1	1	100.00	Detecting
5325	1	2844	19	1	1	100.00	Detecting
5324	1	2501	22	1	1	100.00	Detecting
5311	1	2182	25	1	1	100.00	Detecting
5320	1	667	80	1	1	100.00	Detecting
5317	1	1901	28	1	1	100.00	Detecting
5326	1	2992	18	1	1	100.00	Detecting
5321	1	2831	19	1	1	100.00	Detecting
5321	1	3042	18	1	1	100.00	Detecting
5327	1	1082	49	1	1	100.00	Detecting
5319	1	1258	42	1	1	100.00	Detecting
5320	1	869	61	1	1	100.00	Detecting
<b>Aggregate:</b>			<b>30</b>	<b>29</b>	<b>96.67</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 2

<b>Variant:</b>	802.11a	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	6 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5320.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5320	5	209	29	1	1	100.00	Detecting
5327	1	186	25	1	1	100.00	Detecting
5319	5	230	28	1	1	100.00	Detecting
5324	1	154	24	1	1	100.00	Detecting
5315	3	168	23	1	1	100.00	Detecting
5325	3	193	25	1	1	100.00	Detecting
5329	1	197	25	1	1	100.00	Detecting
5325	2	163	26	1	1	100.00	Detecting
5316	3	217	25	1	1	100.00	Detecting
5323	1	186	27	1	1	100.00	Detecting
5323	2	152	25	1	1	100.00	Detecting
5320	4	201	23	1	1	100.00	Detecting
5323	2	157	25	1	1	100.00	Detecting
5313	1	188	26	1	1	100.00	Detecting
5311	5	154	27	1	1	100.00	Detecting
5321	3	186	24	1	1	100.00	Detecting
5315	1	172	23	1	1	100.00	Detecting
5326	2	212	29	1	0	0.00	Not Detecting
5325	1	192	27	1	1	100.00	Detecting
5314	3	200	27	1	0	0.00	Not Detecting
5329	5	208	26	1	1	100.00	Detecting
5319	1	210	23	1	1	100.00	Detecting
5322	5	227	27	1	1	100.00	Detecting
5324	1	168	26	1	1	100.00	Detecting
5315	1	229	23	1	1	100.00	Detecting
5324	5	193	23	1	1	100.00	Detecting
5325	5	224	25	1	1	100.00	Detecting
5318	1	229	24	1	1	100.00	Detecting
5318	4	151	24	1	1	100.00	Detecting
5324	3	192	23	1	1	100.00	Detecting
<b>Aggregate:</b>				<b>30</b>	<b>28</b>	<b>93.33</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 3

<b>Variant:</b>	802.11a	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	6 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5320.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5324	9	302	17	1	1	100.00	Detecting
5329	8	376	17	1	1	100.00	Detecting
5327	10	294	18	1	1	100.00	Detecting
5329	7	473	18	1	1	100.00	Detecting
5321	10	252	16	1	1	100.00	Detecting
5318	10	345	18	1	1	100.00	Detecting
5312	6	237	18	1	1	100.00	Detecting
5327	8	424	16	1	1	100.00	Detecting
5311	6	205	16	1	1	100.00	Detecting
5329	9	337	17	1	1	100.00	Detecting
5327	6	382	17	1	1	100.00	Detecting
5319	8	466	16	1	0	0.00	Not Detecting
5313	6	262	17	1	1	100.00	Detecting
5319	9	376	18	1	1	100.00	Detecting
5320	6	319	16	1	1	100.00	Detecting
5329	7	398	17	1	1	100.00	Detecting
5321	8	303	16	1	1	100.00	Detecting
5326	10	275	16	1	1	100.00	Detecting
5324	10	299	17	1	1	100.00	Detecting
5312	6	302	17	1	1	100.00	Detecting
5329	6	264	18	1	1	100.00	Detecting
5315	6	306	16	1	1	100.00	Detecting
5312	7	270	16	1	1	100.00	Detecting
5319	10	446	16	1	1	100.00	Detecting
5315	7	334	17	1	1	100.00	Detecting
5316	10	313	17	1	1	100.00	Detecting
5327	6	472	17	1	1	100.00	Detecting
5325	10	298	16	1	1	100.00	Detecting
5328	7	238	17	1	1	100.00	Detecting
5315	6	385	17	1	1	100.00	Detecting
<b>Aggregate:</b>				<b>30</b>	<b>29</b>	<b>96.67</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 4

<b>Variant:</b>	802.11a	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	6 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5320.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5327	20	266	15	1	1	100.00	Detecting
5324	18	279	16	1	1	100.00	Detecting
5316	15	302	16	1	1	100.00	Detecting
5318	12	439	14	1	1	100.00	Detecting
5323	14	205	12	1	1	100.00	Detecting
5322	20	413	16	1	1	100.00	Detecting
5321	16	302	14	1	1	100.00	Detecting
5316	16	327	14	1	1	100.00	Detecting
5327	17	337	16	1	0	0.00	Not Detecting
5326	15	429	13	1	1	100.00	Detecting
5328	15	295	16	1	1	100.00	Detecting
5319	19	215	15	1	1	100.00	Detecting
5313	19	319	12	1	1	100.00	Detecting
5329	17	363	13	1	1	100.00	Detecting
5314	20	365	13	1	0	0.00	Not Detecting
5315	15	485	12	1	1	100.00	Detecting
5317	14	285	14	1	1	100.00	Detecting
5315	11	248	14	1	1	100.00	Detecting
5325	17	320	15	1	1	100.00	Detecting
5317	11	239	16	1	1	100.00	Detecting
5325	11	495	14	1	1	100.00	Detecting
5328	17	406	14	1	1	100.00	Detecting
5327	16	346	16	1	1	100.00	Detecting
5329	14	235	13	1	1	100.00	Detecting
5316	17	480	15	1	1	100.00	Detecting
5315	14	390	16	1	1	100.00	Detecting
5329	13	246	14	1	1	100.00	Detecting
5312	18	210	14	1	1	100.00	Detecting
5328	18	339	12	1	0	0.00	Not Detecting
5315	15	244	15	1	1	100.00	Detecting
<b>Aggregate:</b>			<b>30</b>	<b>27</b>	<b>90.00</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 5

<b>Variant:</b>	802.11a	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	6 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5320.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5321	1	1	100.00	Detecting
Type 5 #2 5325	1	1	100.00	Detecting
Type 5 #3 5319	1	1	100.00	Detecting
Type 5 #4 5316	1	0	0.00	Not Detecting
Type 5 #5 5322	1	1	100.00	Detecting
Type 5 #6 5320	1	1	100.00	Detecting
Type 5 #7 5315	1	1	100.00	Detecting
Type 5 #8 5320	1	1	100.00	Detecting
Type 5 #9 5321	1	1	100.00	Detecting
Type 5 #10 5320	1	1	100.00	Detecting
Type 5 #11 5323	1	1	100.00	Detecting
Type 5 #12 5320	1	1	100.00	Detecting
Type 5 #13 5320	1	1	100.00	Detecting
Type 5 #14 5319	1	1	100.00	Detecting
Type 5 #15 5320	1	1	100.00	Detecting
Type 5 #16 5320	1	1	100.00	Detecting
Type 5 #17 5319	1	1	100.00	Detecting
Type 5 #18 5320	1	1	100.00	Detecting
Type 5 #19 5320	1	0	0.00	Not Detecting
Type 5 #20 5319	1	1	100.00	Detecting
Type 5 #21 5320	1	1	100.00	Detecting
Type 5 #22 5317	1	0	0.00	Not Detecting
Type 5 #23 5321	1	1	100.00	Detecting
Type 5 #24 5314	1	1	100.00	Detecting
Type 5 #25 5326	1	1	100.00	Detecting
Type 5 #26 5315	1	1	100.00	Detecting
Type 5 #27 5317	1	1	100.00	Detecting
Type 5 #28 5323	1	1	100.00	Detecting
Type 5 #29 5325	1	1	100.00	Detecting
Type 5 #30 5326	1	1	100.00	Detecting
<b>Aggregate:</b>	<b>30</b>	<b>27</b>	<b>90.00</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 6

<b>Variant:</b>	802.11a	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	6 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5320.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

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

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#### Equipment Configuration for Radar Type 1

<b>Variant:</b>	802.11ac 80_80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	8.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5270	1	1114	898	59	1	1	100.00%	Detecting
5270	1	1433	698	76	1	1	100.00%	Detecting
5270	1	1931	518	102	1	1	100.00%	Detecting
5270	1	1618	618	86	1	1	100.00%	Detecting
5270	1	1672	598	89	1	1	100.00%	Detecting
5270	1	1253	798	67	1	1	100.00%	Detecting
5270	1	1193	838	63	1	1	100.00%	Detecting
5270	1	1475	678	78	1	1	100.00%	Detecting
5270	1	1520	658	81	1	1	100.00%	Detecting
5270	1	1089	918	58	1	1	100.00%	Detecting
5290	1	1730	578	92	1	1	100.00%	Detecting
5290	1	1285	778	68	1	1	100.00%	Detecting
5290	1	1319	758	70	1	1	100.00%	Detecting
5290	1	1792	558	95	1	1	100.00%	Detecting
5290	1	1066	938	57	1	1	100.00%	Detecting
5290	1	349	2866	19	1	1	100.00%	Detecting
5290	1	731	1368	39	1	1	100.00%	Detecting
5290	1	1372	729	73	1	1	100.00%	Detecting
5290	1	1017	983	54	1	1	100.00%	Detecting
5290	1	779	1284	42	1	1	100.00%	Detecting
5310	1	504	1985	27	1	1	100.00%	Detecting
5310	1	370	2704	20	1	1	100.00%	Detecting
5310	1	327	3059	18	1	1	100.00%	Detecting
5310	1	855	1169	46	1	1	100.00%	Detecting
5310	1	334	2998	18	1	1	100.00%	Detecting
5310	1	621	1611	33	1	1	100.00%	Detecting
5310	1	427	2342	23	1	1	100.00%	Detecting
5310	1	995	1005	53	1	1	100.00%	Detecting
5310	1	358	2797	19	1	1	100.00%	Detecting
5310	1	1560	641	83	1	1	100.00%	Detecting
<b>Aggregate:</b>				<b>30.00</b>	<b>30.00</b>	<b>100.00%</b>	<b>Pass</b>	

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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#### Equipment Configuration for Radar Type 2

<b>Variant:</b>	802.11ac 80_80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	8.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5310	1	4808	208	29	1	1	100.00%	Detecting
5310	1.1	6289	159	28	1	1	100.00%	Detecting
5310	1.4	5236	191	26	1	1	100.00%	Detecting
5310	1.4	6623	151	29	1	1	100.00%	Detecting
5310	2	5650	177	25	1	1	100.00%	Detecting
5310	2.3	4587	218	29	1	1	100.00%	Detecting
5310	2.5	6452	155	26	1	1	100.00%	Detecting
5310	2.7	4902	204	29	1	1	100.00%	Detecting
5310	2.7	6452	155	28	1	1	100.00%	Detecting
5310	2.8	6061	165	28	1	1	100.00%	Detecting
5290	2.9	5263	190	29	1	1	100.00%	Detecting
5290	3.1	5155	194	23	1	1	100.00%	Detecting
5290	3.2	5181	193	29	1	1	100.00%	Detecting
5290	3.5	6536	153	23	1	1	100.00%	Detecting
5290	3.6	6250	160	23	1	1	100.00%	Detecting
5290	3.6	5848	171	29	1	0	0.00%	Not Detecting
5290	3.6	6098	164	27	1	1	100.00%	Detecting
5290	3.7	5848	171	24	1	1	100.00%	Detecting
5290	3.8	4484	223	26	1	1	100.00%	Detecting
5290	3.8	4785	209	25	1	1	100.00%	Detecting
5270	4.1	6494	154	27	1	1	100.00%	Detecting
5270	4.2	4651	215	24	1	1	100.00%	Detecting
5270	4.4	6623	151	25	1	1	100.00%	Detecting
5270	4.4	4673	214	24	1	1	100.00%	Detecting
5270	4.4	5650	177	27	1	1	100.00%	Detecting
5270	4.4	5882	170	24	1	1	100.00%	Detecting
5270	4.5	4831	207	28	1	1	100.00%	Detecting
5270	4.6	5882	170	23	1	1	100.00%	Detecting
5270	4.9	6250	160	27	1	1	100.00%	Detecting
5270	5	5988	167	24	1	1	100.00%	Detecting
<b>Aggregate:</b>				<b>30.00</b>	<b>29.00</b>	<b>96.67%</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 3

<b>Variant:</b>	802.11ac 80_80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	8.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5290	6	2105	475	18	1	1	100.00%	Detecting
5290	6	3040	329	16	1	1	100.00%	Detecting
5290	6.1	3236	309	17	1	1	100.00%	Detecting
5290	6.1	2309	433	17	1	1	100.00%	Detecting
5290	6.6	2114	473	16	1	1	100.00%	Detecting
5290	6.8	2217	451	17	1	1	100.00%	Detecting
5290	6.8	2146	466	18	1	1	100.00%	Detecting
5290	6.9	2793	358	16	1	1	100.00%	Detecting
5290	7.1	2500	400	18	1	1	100.00%	Detecting
5270	7.1	2747	364	16	1	1	100.00%	Detecting
5270	7.2	3067	326	16	1	1	100.00%	Detecting
5270	7.6	2793	358	17	1	1	100.00%	Detecting
5270	7.6	3597	278	16	1	1	100.00%	Detecting
5270	7.8	3226	310	18	1	1	100.00%	Detecting
5270	8	3155	317	17	1	1	100.00%	Detecting
5270	8	2049	488	17	1	1	100.00%	Detecting
5270	8.2	2020	495	16	1	1	100.00%	Detecting
5270	8.8	5000	200	17	1	1	100.00%	Detecting
5310	9	3953	253	18	1	1	100.00%	Detecting
5310	9.1	4878	205	18	1	1	100.00%	Detecting
5310	9.1	3704	270	16	1	1	100.00%	Detecting
5310	9.2	2525	396	18	1	1	100.00%	Detecting
5310	9.3	4016	249	17	1	0	0.00%	Not Detecting
5310	9.5	2326	430	16	1	1	100.00%	Detecting
5310	9.5	2273	440	16	1	0	0.00%	Not Detecting
5310	9.5	3571	280	16	1	1	100.00%	Detecting
5310	9.6	2096	477	17	1	1	100.00%	Detecting
5310	9.8	3145	318	16	1	0	0.00%	Not Detecting
5310	9.9	3571	280	18	1	1	100.00%	Detecting
5310	9.9	3571	280	16	1	1	100.00%	Detecting
<b>Aggregate:</b>				<b>30.00</b>	<b>27.00</b>	<b>90.00%</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 4

<b>Variant:</b>	802.11ac 80_80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	8.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5290	11.6	3704	270	14	1	1	100.00%	Detecting
5290	11.8	2273	440	16	1	1	100.00%	Detecting
5290	12.7	2688	372	15	1	1	100.00%	Detecting
5290	13	2141	467	12	1	1	100.00%	Detecting
5290	14	2375	421	16	1	1	100.00%	Detecting
5290	14.2	2591	386	15	1	1	100.00%	Detecting
5290	14.4	3175	315	14	1	0	0.00%	Not Detecting
5290	14.4	2825	354	16	1	1	100.00%	Detecting
5290	14.6	2475	404	15	1	1	100.00%	Detecting
5290	14.7	4202	238	16	1	1	100.00%	Detecting
5310	15.3	2646	378	16	1	1	100.00%	Detecting
5310	15.9	4367	229	12	1	0	0.00%	Not Detecting
5310	15.9	2506	399	13	1	1	100.00%	Detecting
5310	16	2222	450	14	1	1	100.00%	Detecting
5310	16.5	4762	210	16	1	1	100.00%	Detecting
5310	17.5	3509	285	16	1	1	100.00%	Detecting
5310	17.6	2793	358	13	1	1	100.00%	Detecting
5310	17.6	3401	294	12	1	1	100.00%	Detecting
5310	18.2	2584	387	13	1	1	100.00%	Detecting
5310	18.3	3145	318	12	1	1	100.00%	Detecting
5270	18.3	4926	203	13	1	1	100.00%	Detecting
5270	18.5	2392	418	12	1	1	100.00%	Detecting
5270	18.6	2865	349	13	1	1	100.00%	Detecting
5270	18.7	2114	473	13	1	1	100.00%	Detecting
5270	18.7	3717	269	15	1	1	100.00%	Detecting
5270	19.5	3922	255	15	1	1	100.00%	Detecting
5270	19.7	3058	327	16	1	1	100.00%	Detecting
5270	19.7	4484	223	12	1	1	100.00%	Detecting
5270	19.9	2222	450	12	1	1	100.00%	Detecting
5270	19.9	2703	370	16	1	0	0.00%	Not Detecting
<b>Aggregate:</b>				<b>30.00</b>	<b>27.00</b>	<b>90.00%</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 5

<b>Variant:</b>	802.11ac 80_80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	8.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5290.00	1	1	100.00%	Detecting
Type 5 #1 5255.60	1	1	100.00%	Detecting
Type 5 #2 5290.00	1	0	0.00%	Not Detecting
Type 5 #3 5254.00	1	1	100.00%	Detecting
Type 5 #4 5257.20	1	1	100.00%	Detecting
Type 5 #5 5254.80	1	1	100.00%	Detecting
Type 5 #6 5259.60	1	1	100.00%	Detecting
Type 5 #7 5326.00	1	0	0.00%	Not Detecting
Type 5 #8 5290.00	1	1	100.00%	Detecting
Type 5 #9 5290.00	1	1	100.00%	Detecting
Type 5 #10 5256.00	1	1	100.00%	Detecting
Type 5 #11 5254.40	1	1	100.00%	Detecting
Type 5 #12 5321.60	1	0	0.00%	Not Detecting
Type 5 #13 5323.60	1	1	100.00%	Detecting
Type 5 #14 5290.00	1	1	100.00%	Detecting
Type 5 #15 5322.40	1	1	100.00%	Detecting
Type 5 #16 5323.60	1	0	0.00%	Not Detecting
Type 5 #17 5290.00	1	1	100.00%	Detecting
Type 5 #18 5290.00	1	1	100.00%	Detecting
Type 5 #19 5290.00	1	1	100.00%	Detecting
Type 5 #20 5256.80	1	1	100.00%	Detecting
Type 5 #21 5324.40	1	1	100.00%	Detecting
Type 5 #22 5323.60	1	1	100.00%	Detecting
Type 5 #23 5257.60	1	1	100.00%	Detecting
Type 5 #24 5325.20	1	1	100.00%	Detecting
Type 5 #25 5321.20	1	1	100.00%	Detecting
Type 5 #26 5326.00	1	1	100.00%	Detecting
Type 5 #27 5290.00	1	1	100.00%	Detecting
Type 5 #28 5256.80	1	1	100.00%	Detecting
Type 5 #29 5290.00	1	1	100.00%	Detecting
<b>Aggregate:</b>	<b>30.00</b>	<b>26.00</b>	<b>86.67%</b>	<b>Pass</b>

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**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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#### Equipment Configuration for Radar Type 6

<b>Variant:</b>	802.11ac 80_80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	8.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100.00%	Detecting
Type 6 #2	1	1	100.00%	Detecting
Type 6 #3	1	1	100.00%	Detecting
Type 6 #4	1	1	100.00%	Detecting
Type 6 #5	1	1	100.00%	Detecting
Type 6 #6	1	1	100.00%	Detecting
Type 6 #7	1	1	100.00%	Detecting
Type 6 #8	1	1	100.00%	Detecting
Type 6 #9	1	1	100.00%	Detecting
Type 6 #10	1	1	100.00%	Detecting
Type 6 #11	1	1	100.00%	Detecting
Type 6 #12	1	1	100.00%	Detecting
Type 6 #13	1	1	100.00%	Detecting
Type 6 #14	1	1	100.00%	Detecting
Type 6 #15	1	1	100.00%	Detecting
Type 6 #16	1	1	100.00%	Detecting
Type 6 #17	1	1	100.00%	Detecting
Type 6 #18	1	1	100.00%	Detecting
Type 6 #19	1	1	100.00%	Detecting
Type 6 #20	1	1	100.00%	Detecting
Type 6 #21	1	1	100.00%	Detecting
Type 6 #22	1	1	100.00%	Detecting
Type 6 #23	1	1	100.00%	Detecting
Type 6 #24	1	1	100.00%	Detecting
Type 6 #25	1	1	100.00%	Detecting
Type 6 #26	1	1	100.00%	Detecting
Type 6 #27	1	1	100.00%	Detecting
Type 6 #28	1	1	100.00%	Detecting
Type 6 #29	1	1	100.00%	Detecting
Type 6 #30	1	1	100.00%	Detecting
<b>Aggregate:</b>	<b>30.00</b>	<b>30.00</b>	<b>100.00%</b>	<b>Pass</b>

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**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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#### Equipment Configuration for Radar Type 1

<b>Variant:</b>	802.11ac-80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5252	1	918	58	1	1	100.00	Detecting
5324	1	618	86	1	1	100.00	Detecting
5280	1	538	99	1	1	100.00	Detecting
5260	1	658	81	1	1	100.00	Detecting
5328	1	738	72	1	1	100.00	Detecting
5260	1	718	74	1	1	100.00	Detecting
5276	1	778	68	1	1	100.00	Detecting
5285	1	798	67	1	1	100.00	Detecting
5286	1	3066	18	1	1	100.00	Detecting
5258	1	938	57	1	1	100.00	Detecting
5317	1	818	65	1	0	0.00	Not Detecting
5264	1	598	89	1	1	100.00	Detecting
5273	1	758	70	1	1	100.00	Detecting
5266	1	638	83	1	1	100.00	Detecting
5265	1	698	76	1	1	100.00	Detecting
5273	1	578	92	1	1	100.00	Detecting
5329	1	1567	34	1	1	100.00	Detecting
5254	1	1443	37	1	1	100.00	Detecting
5290	1	1148	46	1	1	100.00	Detecting
5285	1	1727	31	1	1	100.00	Detecting
5307	1	1209	44	1	1	100.00	Detecting
5295	1	2765	20	1	1	100.00	Detecting
5275	1	1740	31	1	1	100.00	Detecting
5303	1	768	69	1	0	0.00	Not Detecting
5329	1	3015	18	1	1	100.00	Detecting
5310	1	948	56	1	1	100.00	Detecting
5324	1	806	66	1	1	100.00	Detecting
5270	1	873	61	1	1	100.00	Detecting
5271	1	1698	32	1	1	100.00	Detecting
5280	1	1350	40	1	1	100.00	Detecting
<b>Aggregate:</b>			<b>30</b>	<b>28</b>	<b>93.33</b>	<b>Pass</b>	

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
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#### Equipment Configuration for Radar Type 2

<b>Variant:</b>	802.11ac-80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5311	2	178	26	1	1	100.00	Detecting
5265	4	201	25	1	1	100.00	Detecting
5294	1	161	26	1	1	100.00	Detecting
5280	1	156	29	1	1	100.00	Detecting
5259	5	180	26	1	1	100.00	Detecting
5308	4	166	29	1	1	100.00	Detecting
5318	4	221	23	1	1	100.00	Detecting
5275	1	201	23	1	1	100.00	Detecting
5301	4	186	27	1	1	100.00	Detecting
5277	4	160	24	1	1	100.00	Detecting
5253	1	156	24	1	1	100.00	Detecting
5253	1	208	26	1	1	100.00	Detecting
5272	4	199	26	1	1	100.00	Detecting
5272	5	161	29	1	1	100.00	Detecting
5269	3	188	25	1	1	100.00	Detecting
5327	4	211	29	1	1	100.00	Detecting
5303	2	172	26	1	1	100.00	Detecting
5289	1	186	25	1	1	100.00	Detecting
5300	2	174	28	1	1	100.00	Detecting
5266	3	154	24	1	1	100.00	Detecting
5314	4	184	23	1	1	100.00	Detecting
5295	2	218	23	1	1	100.00	Detecting
5313	4	208	27	1	1	100.00	Detecting
5269	5	153	27	1	1	100.00	Detecting
5289	2	228	28	1	1	100.00	Detecting
5254	1	190	24	1	1	100.00	Detecting
5324	4	216	27	1	1	100.00	Detecting
5263	4	189	28	1	1	100.00	Detecting
5298	4	164	27	1	1	100.00	Detecting
5303	5	208	25	1	1	100.00	Detecting
<b>Aggregate:</b>				<b>30</b>	<b>30</b>	<b>100.00</b>	<b>Pass</b>

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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#### Equipment Configuration for Radar Type 3

<b>Variant:</b>	802.11ac-80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5259	10	421	17	1	1	100.00	Detecting
5262	10	385	18	1	1	100.00	Detecting
5308	9	397	18	1	1	100.00	Detecting
5296	8	213	18	1	1	100.00	Detecting
5282	9	337	18	1	1	100.00	Detecting
5308	9	458	16	1	1	100.00	Detecting
5286	6	327	16	1	1	100.00	Detecting
5300	6	273	18	1	1	100.00	Detecting
5306	10	214	17	1	1	100.00	Detecting
5274	10	281	17	1	1	100.00	Detecting
5259	10	342	16	1	1	100.00	Detecting
5317	9	419	16	1	1	100.00	Detecting
5290	9	491	16	1	1	100.00	Detecting
5258	10	261	16	1	1	100.00	Detecting
5265	6	261	16	1	1	100.00	Detecting
5291	6	228	17	1	1	100.00	Detecting
5315	7	243	16	1	1	100.00	Detecting
5262	8	200	17	1	1	100.00	Detecting
5313	10	458	17	1	1	100.00	Detecting
5317	9	447	17	1	1	100.00	Detecting
5286	7	442	17	1	1	100.00	Detecting
5327	9	374	17	1	1	100.00	Detecting
5320	9	496	18	1	1	100.00	Detecting
5299	10	215	18	1	1	100.00	Detecting
5284	6	255	16	1	1	100.00	Detecting
5269	6	203	16	1	1	100.00	Detecting
5271	9	482	18	1	1	100.00	Detecting
5280	10	372	16	1	1	100.00	Detecting
5268	7	306	17	1	1	100.00	Detecting
5258	9	454	18	1	1	100.00	Detecting
<b>Aggregate:</b>				<b>30</b>	<b>30</b>	<b>100.00</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 4

<b>Variant:</b>	802.11ac-80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5321	11	241	16	1	1	100.00	Detecting
5263	12	483	15	1	1	100.00	Detecting
5275	14	381	16	1	0	0.00	Not Detecting
5278	13	367	14	1	1	100.00	Detecting
5326	20	391	16	1	1	100.00	Detecting
5253	12	221	12	1	1	100.00	Detecting
5312	11	453	15	1	1	100.00	Detecting
5303	16	217	12	1	1	100.00	Detecting
5305	13	242	13	1	1	100.00	Detecting
5315	12	248	12	1	1	100.00	Detecting
5252	15	225	13	1	0	0.00	Not Detecting
5305	17	280	16	1	1	100.00	Detecting
5320	20	291	12	1	1	100.00	Detecting
5322	15	263	13	1	1	100.00	Detecting
5261	14	351	13	1	1	100.00	Detecting
5281	11	207	13	1	1	100.00	Detecting
5276	18	285	12	1	1	100.00	Detecting
5302	13	286	13	1	1	100.00	Detecting
5310	15	338	12	1	1	100.00	Detecting
5251	19	498	15	1	1	100.00	Detecting
5267	15	254	14	1	1	100.00	Detecting
5292	17	443	14	1	1	100.00	Detecting
5257	11	301	13	1	1	100.00	Detecting
5315	19	246	15	1	0	0.00	Not Detecting
5304	19	392	15	1	1	100.00	Detecting
5288	15	275	14	1	1	100.00	Detecting
5316	18	252	12	1	1	100.00	Detecting
5295	11	304	16	1	1	100.00	Detecting
5302	11	278	15	1	1	100.00	Detecting
5294	11	250	16	1	1	100.00	Detecting
<b>Aggregate:</b>				<b>30</b>	<b>27</b>	<b>90.00</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 5

<b>Variant:</b>	802.11ac-80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5290	1	1	100.00	Detecting
Type 5 #2 5290	1	1	100.00	Detecting
Type 5 #3 5290	1	1	100.00	Detecting
Type 5 #4 5325	1	1	100.00	Detecting
Type 5 #5 5290	1	1	100.00	Detecting
Type 5 #6 5290	1	1	100.00	Detecting
Type 5 #7 5325	1	1	100.00	Detecting
Type 5 #8 5322	1	1	100.00	Detecting
Type 5 #9 5259	1	1	100.00	Detecting
Type 5 #10 5290	1	1	100.00	Detecting
Type 5 #11 5290	1	1	100.00	Detecting
Type 5 #12 5258	1	1	100.00	Detecting
Type 5 #13 5290	1	1	100.00	Detecting
Type 5 #14 5255	1	1	100.00	Detecting
Type 5 #15 5290	1	1	100.00	Detecting
Type 5 #16 5321	1	1	100.00	Detecting
Type 5 #17 5325	1	1	100.00	Detecting
Type 5 #18 5321	1	1	100.00	Detecting
Type 5 #19 5290	1	1	100.00	Detecting
Type 5 #20 5321	1	0	0.00	Not Detecting
Type 5 #21 5326	1	1	100.00	Detecting
Type 5 #22 5255	1	1	100.00	Detecting
Type 5 #23 5327	1	1	100.00	Detecting
Type 5 #24 5255	1	1	100.00	Detecting
Type 5 #25 5322	1	1	100.00	Detecting
Type 5 #26 5259	1	1	100.00	Detecting
Type 5 #27 5257	1	1	100.00	Detecting
Type 5 #28 5258	1	1	100.00	Detecting
Type 5 #29 5259	1	1	100.00	Detecting
Type 5 #30 5256	1	1	100.00	Detecting
<b>Aggregate:</b>	<b>30</b>	<b>29</b>	<b>96.67</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 6

<b>Variant:</b>	802.11ac-80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

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

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#### Equipment Configuration for Radar Type 1

<b>Variant:</b>	802.11n HT-40	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	18 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5310.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5312	1	658	81	1	1	100.00	Detecting
5314	1	798	67	1	1	100.00	Detecting
5315	1	678	78	1	1	100.00	Detecting
5326	1	558	95	1	1	100.00	Detecting
5315	1	538	99	1	1	100.00	Detecting
5328	1	838	63	1	1	100.00	Detecting
5325	1	598	89	1	1	100.00	Detecting
5316	1	638	83	1	1	100.00	Detecting
5320	1	938	57	1	1	100.00	Detecting
5315	1	778	68	1	1	100.00	Detecting
5324	1	718	74	1	1	100.00	Detecting
5320	1	578	92	1	1	100.00	Detecting
5297	1	818	65	1	1	100.00	Detecting
5308	1	698	76	1	1	100.00	Detecting
5294	1	738	72	1	1	100.00	Detecting
5294	1	918	58	1	1	100.00	Detecting
5293	1	856	62	1	1	100.00	Detecting
5320	1	2633	21	1	1	100.00	Detecting
5306	1	2091	26	1	1	100.00	Detecting
5319	1	1933	28	1	0	0.00	Not Detecting
5323	1	2110	26	1	1	100.00	Detecting
5304	1	1846	29	1	1	100.00	Detecting
5321	1	997	53	1	1	100.00	Detecting
5307	1	1184	45	1	1	100.00	Detecting
5294	1	804	66	1	1	100.00	Detecting
5329	1	3003	18	1	1	100.00	Detecting
5293	1	3016	18	1	1	100.00	Detecting
5315	1	1068	50	1	1	100.00	Detecting
5325	1	1899	28	1	1	100.00	Detecting
5315	1	543	98	1	1	100.00	Detecting
<b>Aggregate:</b>			<b>30</b>	<b>29</b>	<b>96.67</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 2

<b>Variant:</b>	802.11n HT-40	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	18 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5310.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5295	5	227	27	1	1	100.00	Detecting
5313	2	196	26	1	1	100.00	Detecting
5293	3	200	26	1	1	100.00	Detecting
5325	1	230	27	1	1	100.00	Detecting
5323	5	178	25	1	1	100.00	Detecting
5313	2	189	26	1	1	100.00	Detecting
5325	5	160	26	1	1	100.00	Detecting
5309	2	162	29	1	1	100.00	Detecting
5327	5	196	29	1	1	100.00	Detecting
5320	2	155	27	1	1	100.00	Detecting
5307	4	230	29	1	1	100.00	Detecting
5318	1	174	29	1	1	100.00	Detecting
5305	2	179	29	1	1	100.00	Detecting
5318	3	202	26	1	1	100.00	Detecting
5323	2	175	28	1	1	100.00	Detecting
5305	1	187	25	1	1	100.00	Detecting
5326	1	214	26	1	1	100.00	Detecting
5306	3	210	28	1	1	100.00	Detecting
5301	1	200	28	1	1	100.00	Detecting
5294	4	173	23	1	1	100.00	Detecting
5317	4	156	26	1	1	100.00	Detecting
5328	5	181	29	1	1	100.00	Detecting
5314	4	212	23	1	1	100.00	Detecting
5308	2	228	23	1	1	100.00	Detecting
5326	4	178	26	1	1	100.00	Detecting
5301	1	227	28	1	1	100.00	Detecting
5323	1	217	23	1	1	100.00	Detecting
5301	3	169	24	1	1	100.00	Detecting
5316	1	160	24	1	1	100.00	Detecting
5300	2	228	27	1	1	100.00	Detecting
<b>Aggregate:</b>				<b>30</b>	<b>30</b>	<b>100.00</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 3

<b>Variant:</b>	802.11n HT-40	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	18 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5310.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5307	9	344	18	1	1	100.00	Detecting
5329	7	283	17	1	1	100.00	Detecting
5317	6	432	17	1	1	100.00	Detecting
5303	10	256	17	1	1	100.00	Detecting
5329	10	318	17	1	1	100.00	Detecting
5324	7	216	17	1	1	100.00	Detecting
5303	8	436	16	1	1	100.00	Detecting
5328	10	484	18	1	1	100.00	Detecting
5299	6	248	18	1	1	100.00	Detecting
5303	9	491	17	1	1	100.00	Detecting
5312	9	380	18	1	1	100.00	Detecting
5322	9	499	18	1	1	100.00	Detecting
5322	10	206	17	1	1	100.00	Detecting
5314	8	296	16	1	1	100.00	Detecting
5291	10	314	18	1	1	100.00	Detecting
5297	6	215	16	1	1	100.00	Detecting
5299	6	352	16	1	1	100.00	Detecting
5321	7	447	18	1	1	100.00	Detecting
5306	6	473	17	1	1	100.00	Detecting
5327	10	306	16	1	1	100.00	Detecting
5328	8	335	18	1	1	100.00	Detecting
5328	10	248	17	1	1	100.00	Detecting
5326	9	270	17	1	1	100.00	Detecting
5312	8	349	16	1	1	100.00	Detecting
5291	6	208	17	1	1	100.00	Detecting
5318	6	487	17	1	1	100.00	Detecting
5326	10	443	16	1	1	100.00	Detecting
5304	9	365	17	1	1	100.00	Detecting
5313	7	330	18	1	1	100.00	Detecting
5319	10	395	16	1	1	100.00	Detecting
<b>Aggregate:</b>			<b>30</b>	<b>30</b>	<b>100.00</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 4

<b>Variant:</b>	802.11n HT-40	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	18 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5310.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5319	19	407	14	1	1	100.00	Detecting
5305	14	212	14	1	1	100.00	Detecting
5303	14	435	12	1	1	100.00	Detecting
5328	16	430	12	1	1	100.00	Detecting
5294	14	405	13	1	0	0.00	Not Detecting
5313	13	475	16	1	1	100.00	Detecting
5328	15	256	13	1	1	100.00	Detecting
5328	20	369	15	1	1	100.00	Detecting
5297	12	332	12	1	1	100.00	Detecting
5306	12	292	13	1	1	100.00	Detecting
5303	20	497	13	1	1	100.00	Detecting
5321	15	350	16	1	1	100.00	Detecting
5293	13	352	14	1	1	100.00	Detecting
5325	16	445	14	1	1	100.00	Detecting
5317	18	440	12	1	1	100.00	Detecting
5306	20	388	13	1	1	100.00	Detecting
5313	13	417	15	1	1	100.00	Detecting
5327	20	468	13	1	1	100.00	Detecting
5291	15	447	12	1	1	100.00	Detecting
5318	19	254	14	1	1	100.00	Detecting
5313	15	271	14	1	1	100.00	Detecting
5305	18	389	15	1	1	100.00	Detecting
5302	17	456	12	1	1	100.00	Detecting
5329	14	215	14	1	1	100.00	Detecting
5321	14	483	13	1	1	100.00	Detecting
5314	19	272	15	1	1	100.00	Detecting
5306	16	255	16	1	1	100.00	Detecting
5325	19	452	14	1	0	0.00	Not Detecting
5317	15	204	12	1	0	0.00	Not Detecting
5314	20	498	15	1	1	100.00	Detecting
<b>Aggregate:</b>			<b>30</b>	<b>27</b>	<b>90.00</b>	<b>Pass</b>	

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#### Equipment Configuration for Radar Type 5

<b>Variant:</b>	802.11n HT-40	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	18 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5310.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5323	1	1	100.00	Detecting
Type 5 #2 5297	1	1	100.00	Detecting
Type 5 #3 5310	1	1	100.00	Detecting
Type 5 #4 5310	1	1	100.00	Detecting
Type 5 #5 5326	1	1	100.00	Detecting
Type 5 #6 5323	1	1	100.00	Detecting
Type 5 #7 5310	1	1	100.00	Detecting
Type 5 #8 5310	1	1	100.00	Detecting
Type 5 #9 5299	1	1	100.00	Detecting
Type 5 #10 5310	1	1	100.00	Detecting
Type 5 #11 5299	1	0	0.00	Not Detecting
Type 5 #12 5325	1	1	100.00	Detecting
Type 5 #13 5310	1	1	100.00	Detecting
Type 5 #14 5310	1	1	100.00	Detecting
Type 5 #15 5294	1	0	0.00	Not Detecting
Type 5 #16 5299	1	1	100.00	Detecting
Type 5 #17 5299	1	1	100.00	Detecting
Type 5 #18 5294	1	1	100.00	Detecting
Type 5 #19 5299	1	1	100.00	Detecting
Type 5 #20 5310	1	1	100.00	Detecting
Type 5 #21 5297	1	1	100.00	Detecting
Type 5 #22 5310	1	0	0.00	Not Detecting
Type 5 #23 5324	1	1	100.00	Detecting
Type 5 #24 5323	1	1	100.00	Detecting
Type 5 #25 5299	1	1	100.00	Detecting
Type 5 #26 5310	1	0	0.00	Not Detecting
Type 5 #27 5324	1	1	100.00	Detecting
Type 5 #28 5324	1	1	100.00	Detecting
Type 5 #29 5325	1	1	100.00	Detecting
Type 5 #30 5322	1	1	100.00	Detecting
<b>Aggregate:</b>	<b>30</b>	<b>26</b>	<b>86.67</b>	<b>Pass</b>

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#### Equipment Configuration for Radar Type 6

<b>Variant:</b>	802.11n HT-40	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	18 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5310.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

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

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### **2.1.5. 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:

$$\text{U-NII Detection Bandwidth} = \text{FH} - \text{FL}$$

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

<b>Variant:</b>	802.11a	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	6 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5320.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency	Injections	Detections	Result
5335 MHz	2	0	Not Detected
5333 MHz	2	0	Not Detected
5332 MHz	10	10	Detected
5331 MHz	10	10	Detected
5330 MHz	10	10	Detected
5325 MHz	10	10	Detected
5320 MHz	10	10	Detected
5315 MHz	10	10	Detected
5310 MHz	10	10	Detected
5309 MHz	10	10	Detected
5308 MHz	10	9	Detected
5307 MHz	2	0	Not Detected
5305 MHz	2	0	Not Detected
<b>FH = 5332 MHz</b>	<b>FL = 5308 MHz</b>	<b>FH - FL = 24 MHz</b>	<b>Pass</b>

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#### Equipment Configuration for Detection Bandwidth

<b>Variant:</b>	802.11ac 80_80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5250.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency	Injections	Detections	Result
5335 MHz	3	1	Not Detected
5332 MHz	3	1	Not Detected
5331 MHz	10	10	Detected
5330 MHz	10	10	Detected
5325 MHz	10	10	Detected
5320 MHz	10	10	Detected
5315 MHz	10	10	Detected
5310 MHz	10	10	Detected
5305 MHz	10	10	Detected
5300 MHz	10	10	Detected
5295 MHz	10	10	Detected
5290 MHz	10	10	Detected
5285 MHz	10	10	Detected
5280 MHz	10	10	Detected
5275 MHz	10	10	Detected
5270 MHz	10	10	Detected
5265 MHz	10	10	Detected
5260 MHz	10	10	Detected
5255 MHz	10	10	Detected
5250 MHz	10	10	Detected
5249 MHz	4	2	Not Detected
5245 MHz	2	0	Not Detected
<b>FH = 5331 MHz</b>	<b>FL = 5250 MHz</b>	<b>FH - FL = 81 MHz</b>	<b>Pass</b>

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#### Equipment Configuration for Detection Bandwidth

<b>Variant:</b>	802.11ac-80	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	29 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5290.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency	Injections	Detections	Result
5335 MHz	3	1	Not Detected
5332 MHz	3	1	Not Detected
5331 MHz	10	10	Detected
5330 MHz	10	10	Detected
5325 MHz	10	10	Detected
5320 MHz	10	10	Detected
5315 MHz	10	10	Detected
5310 MHz	10	10	Detected
5305 MHz	10	10	Detected
5300 MHz	10	10	Detected
5295 MHz	10	10	Detected
5290 MHz	10	10	Detected
5285 MHz	10	10	Detected
5280 MHz	10	10	Detected
5275 MHz	10	10	Detected
5270 MHz	10	10	Detected
5265 MHz	10	10	Detected
5260 MHz	10	10	Detected
5255 MHz	10	10	Detected
5250 MHz	10	10	Detected
5249 MHz	4	2	Not Detected
5245 MHz	2	0	Not Detected
<b>FH = 5331 MHz</b>	<b>FL = 5250 MHz</b>	<b>FH - FL = 81 MHz</b>	<b>Pass</b>

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#### Equipment Configuration for Detection Bandwidth

<b>Variant:</b>	802.11n HT-40	<b>Duty Cycle (%):</b>	17.00
<b>Data Rate:</b>	18 Mbit/s	<b>Antenna Gain (dBi):</b>	2.00
<b>Modulation:</b>	OFDM	<b>Beam Forming Gain (Y):</b>	Not Applicable
<b>Channel Frequency:</b>	5310.00 MHz	<b>Tested By:</b>	JK
<b>Engineering Test Notes:</b>	Radio 1		

#### Test Measurement Results

Frequency	Injections	Detections	Result
5335 MHz	2	0	Not Detected
5333 MHz	2	0	Not Detected
5332 MHz	10	10	Detected
5331 MHz	10	10	Detected
5330 MHz	10	10	Detected
5325 MHz	10	10	Detected
5320 MHz	10	10	Detected
5315 MHz	10	10	Detected
5310 MHz	10	10	Detected
5305 MHz	10	10	Detected
5300 MHz	10	10	Detected
5295 MHz	10	10	Detected
5290 MHz	10	10	Detected
5289 MHz	10	10	Detected
5288 MHz	3	1	Not Detected
5285 MHz	3	1	Not Detected
<b>FH = 5332 MHz</b>	<b>FL = 5289 MHz</b>	<b>FH – FL = 43 MHz</b>	<b>Pass</b>

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## A. APPENDIX – RADAR SIGNATURES

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Type 5 #1 5321 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	20	704852	95	1312	0	216722	923076
2	3	20	823901	84	1963	1186	95774	923076
3	1	20	447447	51	0	0	475578	923076
4	2	20	779127	62	1607	0	142218	923076
5	3	20	374614	95	1627	1786	544764	923076
6	3	20	5336	63	1696	1678	914177	923076
7	1	20	833750	64	0	0	89262	923076
8	1	20	560154	54	0	0	362868	923076
9	2	20	185545	92	1654	0	735693	923076
10	2	20	672830	71	1177	0	248927	923076
11	1	20	534537	53	0	0	388486	923076
12	1	20	486685	81	0	0	436310	923076
13	1	20	371768	68	0	0	551240	923076

Type 5 #2 5325 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	262500	65	1582	1526	365775	631578
2	1	8	147977	69	0	0	483532	631578
3	2	8	362933	79	1622	0	266865	631578
4	3	8	297795	99	1378	1370	330738	631578
5	1	8	346342	99	0	0	285137	631578
6	3	8	91565	92	1459	1057	537221	631578
7	1	8	439938	65	0	0	191575	631578
8	3	8	602705	91	1203	1142	26255	631578
9	1	8	460174	61	0	0	171343	631578
10	3	8	189158	77	1377	1573	439239	631578
11	1	8	456051	83	0	0	175444	631578
12	2	8	148433	67	1954	0	481057	631578
13	2	8	55787	80	1327	0	574304	631578
14	2	8	448235	63	1409	0	181808	631578
15	1	8	451689	88	0	0	179801	631578
16	1	8	370124	64	0	0	261390	631578
17	3	8	329569	80	1386	1456	298927	631578
18	1	8	270313	50	0	0	361215	631578
19	2	8	141827	53	1523	0	488122	631578

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Type 5 #3 5319 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	80529	61	0	0	550988	631578
2	1	18	339697	94	0	0	291787	631578
3	3	18	476915	98	1838	1441	151090	631578
4	1	18	80963	69	0	0	550546	631578
5	3	18	532308	90	1102	1073	96825	631578
6	3	18	207724	60	1187	1190	421297	631578
7	2	18	180422	84	1411	0	449577	631578
8	3	18	25438	97	1258	1362	603229	631578
9	3	18	208257	56	1433	1589	420131	631578
10	3	18	418939	91	1851	1057	209458	631578
11	1	18	71064	88	0	0	560426	631578
12	3	18	627585	60	1884	1676	253	631578
13	2	18	459874	65	1158	0	170416	631578
14	2	18	483419	69	1440	0	146581	631578
15	3	18	160886	88	1369	1953	467106	631578
16	3	18	171313	94	1422	1381	457180	631578
17	3	18	353495	50	1347	1256	275330	631578
18	1	18	219349	52	0	0	412177	631578
19	3	18	13237	87	1556	1125	615399	631578

Type 5 #4 5316 [Back to Summary]

Burst 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	360427	100	0	0	562549	923076
2	1	12	317757	71	0	0	605248	923076
3	1	12	285760	62	0	0	637254	923076
4	1	12	630557	81	0	0	292438	923076
5	2	12	500222	70	1817	0	420897	923076
6	1	12	585672	67	0	0	337337	923076
7	2	12	254976	78	1825	0	666119	923076
8	1	12	744123	98	0	0	178855	923076
9	2	12	728821	51	1047	0	193106	923076
10	1	12	437727	77	0	0	485272	923076
11	1	12	243361	92	0	0	679623	923076
12	2	12	815478	64	1339	0	106131	923076
13	2	12	600239	54	1925	0	320804	923076

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Type 5 #5 5322 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	16	19636	87	1126	0	610642	631578
2	2	16	383467	54	1111	0	246892	631578
3	2	16	513672	84	1795	0	115943	631578
4	1	16	84455	59	0	0	547064	631578
5	1	16	92706	77	0	0	538795	631578
6	1	16	557187	67	0	0	74324	631578
7	2	16	576284	69	1762	0	53394	631578
8	1	16	471008	90	0	0	160480	631578
9	3	16	111484	94	1395	1776	516641	631578
10	3	16	54813	76	1262	1929	573346	631578
11	1	16	347274	70	0	0	284234	631578
12	3	16	555922	92	1210	1992	72178	631578
13	2	16	461210	92	1607	0	168577	631578
14	3	16	396980	75	1708	1428	231237	631578
15	1	16	513584	64	0	0	117930	631578
16	2	16	393899	81	1359	0	236158	631578
17	3	16	611604	70	1915	1794	16055	631578
18	2	16	367097	78	1171	0	263154	631578
19	1	16	156782	58	0	0	474738	631578

Type 5 #6 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	260466	78	0	0	662532	923076
2	2	18	681068	50	1132	0	240776	923076
3	2	18	884548	60	1852	0	36556	923076
4	3	18	698732	61	1918	1814	220429	923076
5	1	18	1320	97	0	0	921659	923076
6	2	18	49968	71	1907	0	871059	923076
7	1	18	843624	59	0	0	79393	923076
8	3	18	310777	80	1427	1906	608726	923076
9	2	18	727012	92	1849	0	194031	923076
10	1	18	187487	87	0	0	735502	923076
11	1	18	328227	51	0	0	594798	923076
12	1	18	83024	85	0	0	839967	923076
13	1	18	36922	75	0	0	886079	923076

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Type 5 #7 5315 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	8	406666	97	1217	0	449065	857142
2	1	8	327693	64	0	0	529385	857142
3	3	8	592293	68	1112	1749	261784	857142
4	2	8	516064	85	1011	0	339897	857142
5	3	8	349602	82	1224	1359	504711	857142
6	2	8	770970	89	1297	0	84697	857142
7	1	8	576800	67	0	0	280275	857142
8	3	8	308523	91	1842	1707	544797	857142
9	3	8	231179	83	1769	1242	622703	857142
10	3	8	619455	58	1649	1398	234466	857142
11	3	8	730434	68	1915	1715	122874	857142
12	1	8	153399	96	0	0	703647	857142
13	3	8	96799	51	1273	1779	757138	857142
14	3	8	206368	79	1863	1305	647369	857142

Type 5 #8 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	865212	85	0	0	468036	1333333
2	1	13	596522	99	0	0	736712	1333333
3	1	13	1267955	88	0	0	65290	1333333
4	3	13	941627	82	1802	1849	387809	1333333
5	3	13	355066	99	1198	1115	975657	1333333
6	1	13	542441	77	0	0	790815	1333333
7	2	13	987709	70	1939	0	343545	1333333
8	1	13	1211274	97	0	0	121962	1333333
9	2	13	442562	96	1048	0	889531	1333333

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	19	201290	76	1393	0	547165	750000
2	3	19	253158	57	1332	1023	494316	750000
3	2	19	601261	75	1348	0	147241	750000
4	3	19	533842	91	1818	1209	212858	750000
5	2	19	525493	97	1169	0	223144	750000
6	1	19	183551	94	0	0	566355	750000
7	2	19	667997	72	1660	0	80199	750000
8	1	19	414220	57	0	0	335723	750000
9	2	19	426569	100	1905	0	321326	750000
10	3	19	69515	70	1700	1934	676641	750000
11	2	19	712664	50	1423	0	35813	750000
12	3	19	59507	73	1085	1471	687718	750000
13	2	19	109637	92	1848	0	638331	750000
14	3	19	110384	69	1076	1548	636785	750000
15	1	19	608099	81	0	0	141820	750000
16	2	19	444	68	1220	0	748200	750000

Type 5 #10 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	11	678701	72	0	0	27109	705882
2	3	11	370110	53	1199	1544	332870	705882
3	1	11	568200	64	0	0	137618	705882
4	2	11	291558	65	1858	0	412336	705882
5	2	11	99842	87	1808	0	604058	705882
6	2	11	4690	54	1866	0	699218	705882
7	3	11	94555	56	1730	1142	608287	705882
8	2	11	435718	69	1115	0	268911	705882
9	3	11	131354	86	1101	1147	572022	705882
10	3	11	248760	71	1821	1691	453397	705882
11	3	11	610900	66	1691	1204	91889	705882
12	2	11	379073	86	1197	0	325440	705882
13	2	11	146740	70	1344	0	557658	705882
14	3	11	559951	58	1929	1742	142086	705882
15	2	11	286869	50	1706	0	417207	705882
16	1	11	185319	69	0	0	520494	705882
17	1	11	30125	84	0	0	675673	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	13	158776	51	1419	0	696845	857142
2	2	13	420564	88	1390	0	435012	857142
3	3	13	761571	83	1762	1534	92026	857142
4	3	13	179607	84	1499	1514	674270	857142
5	2	13	770558	88	1855	0	84553	857142
6	2	13	633641	65	1307	0	222064	857142
7	3	13	523362	71	1118	1207	331242	857142
8	3	13	762293	58	1642	1016	92017	857142
9	3	13	129710	81	1555	1134	724500	857142
10	3	13	353728	55	1430	1974	499845	857142
11	3	13	113138	84	1978	1965	739809	857142
12	1	13	7806	88	0	0	849248	857142
13	3	13	222807	67	1416	1912	630806	857142
14	3	13	382343	66	1873	1444	471284	857142

Type 5 #12 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	218385	67	0	0	487430	705882
2	3	20	446710	68	1705	1517	255746	705882
3	3	20	587356	77	1509	1928	114858	705882
4	3	20	449104	83	1207	1719	253603	705882
5	3	20	305547	63	1103	1100	397943	705882
6	1	20	210519	81	0	0	495282	705882
7	3	20	493061	58	1939	1394	209314	705882
8	1	20	279311	100	0	0	426471	705882
9	3	20	363392	81	1967	1789	338491	705882
10	2	20	324024	81	1358	0	380338	705882
11	1	20	464790	61	0	0	241031	705882
12	1	20	531133	60	0	0	174689	705882
13	1	20	634293	63	0	0	71526	705882
14	2	20	63102	84	1338	0	641274	705882
15	1	20	156467	100	0	0	549315	705882
16	1	20	48368	67	0	0	657447	705882
17	1	20	65891	66	0	0	639925	705882

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Type 5 #13 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	18	658932	98	1426	1737	670944	1333333
2	2	18	959991	62	1441	0	371777	1333333
3	3	18	543208	70	1117	1024	787774	1333333
4	2	18	53272	68	1181	0	1278744	1333333
5	3	18	1164627	84	1589	1770	165095	1333333
6	2	18	995696	67	1644	0	335859	1333333
7	3	18	606125	93	1384	1563	723982	1333333
8	2	18	306566	89	1986	0	1024603	1333333
9	1	18	263830	67	0	0	1069436	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	19	197644	80	1782	1088	1132579	1333333
2	3	19	635177	80	1761	1578	694577	1333333
3	3	19	1284545	100	1660	1268	45560	1333333
4	1	19	549815	52	0	0	783466	1333333
5	1	19	763220	74	0	0	570039	1333333
6	1	19	215399	94	0	0	1117840	1333333
7	1	19	1242724	91	0	0	90518	1333333
8	3	19	271606	56	1068	1295	1059196	1333333
9	2	19	613649	95	1008	0	718486	1333333

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	19	91389	80	0	0	999440	1090909
2	1	19	335934	78	0	0	754897	1090909
3	2	19	994026	58	1899	0	94868	1090909
4	2	19	1052511	74	1300	0	36950	1090909
5	1	19	376319	76	0	0	714514	1090909
6	1	19	1071893	93	0	0	18923	1090909
7	2	19	389441	93	1013	0	700269	1090909
8	3	19	362456	81	1764	1088	725358	1090909
9	2	19	829796	96	1220	0	259701	1090909
10	3	19	445164	83	1305	1550	642641	1090909
11	3	19	780972	58	1790	1250	306723	1090909

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Type 5 #16 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	220895	57	0	0	529048	750000
2	2	14	111594	91	1007	0	637217	750000
3	2	14	41007	100	1968	0	706825	750000
4	3	14	409266	87	1440	1502	337531	750000
5	3	14	70000	50	1995	1922	675933	750000
6	1	14	25719	87	0	0	724194	750000
7	2	14	652151	51	1711	0	96036	750000
8	1	14	204607	64	0	0	545329	750000
9	3	14	695049	65	1152	1831	51773	750000
10	1	14	126261	63	0	0	623676	750000
11	3	14	508417	64	1226	1959	238206	750000
12	1	14	331021	58	0	0	418921	750000
13	2	14	85912	86	1268	0	662648	750000
14	1	14	533619	98	0	0	216283	750000
15	1	14	731434	96	0	0	18470	750000
16	1	14	582307	83	0	0	167610	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	18	57546	79	1930	1745	668542	750000
2	2	18	522773	57	1832	0	225281	750000
3	1	18	22342	90	0	0	727568	750000
4	2	18	702566	86	1746	0	45516	750000
5	2	18	236823	50	1249	0	511828	750000
6	3	18	45577	65	1826	1905	700497	750000
7	2	18	522470	89	1639	0	225713	750000
8	2	18	465179	68	1018	0	283667	750000
9	2	18	711218	68	1011	0	37635	750000
10	2	18	342114	77	1219	0	406513	750000
11	2	18	674143	51	1724	0	74031	750000
12	1	18	102883	71	0	0	647046	750000
13	3	18	80625	91	1238	1966	665898	750000
14	1	18	250251	58	0	0	499691	750000
15	1	18	66665	67	0	0	683268	750000
16	1	18	179058	99	0	0	570843	750000

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Type 5 #18 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	14	243728	70	1708	1566	458670	705882
2	3	14	69362	69	1146	1941	633226	705882
3	3	14	494303	66	1387	1165	208829	705882
4	1	14	13934	61	0	0	691887	705882
5	1	14	287995	81	0	0	417806	705882
6	1	14	472784	62	0	0	233036	705882
7	1	14	145244	79	0	0	560559	705882
8	2	14	134405	78	1138	0	570183	705882
9	3	14	594823	71	1959	1951	106936	705882
10	3	14	63745	75	1649	1269	638994	705882
11	3	14	210822	64	1538	1719	491611	705882
12	1	14	22785	82	0	0	683015	705882
13	2	14	216633	64	1477	0	487644	705882
14	1	14	588086	80	0	0	117716	705882
15	1	14	330208	55	0	0	375619	705882
16	3	14	665556	97	1069	1704	37262	705882
17	3	14	277696	83	1973	1010	424954	705882

Type 5 #19 5320 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	9	584767	96	0	0	165137	750000
2	3	9	689374	83	1473	1527	57377	750000
3	3	9	116753	89	1439	1045	630496	750000
4	3	9	226598	88	1791	1700	519647	750000
5	3	9	672507	88	1367	1685	74177	750000
6	2	9	149266	50	1577	0	599057	750000
7	2	9	516873	99	1204	0	231725	750000
8	1	9	132942	63	0	0	616995	750000
9	1	9	673592	51	0	0	76357	750000
10	2	9	352822	99	1603	0	395377	750000
11	3	9	167887	85	1981	1662	578215	750000
12	3	9	31786	70	1084	1385	715535	750000
13	2	9	648337	67	1789	0	99740	750000
14	1	9	97476	89	0	0	652435	750000
15	3	9	496202	76	1102	1418	251050	750000
16	3	9	184278	74	1150	1317	563033	750000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	19	333192	99	0	0	866709	1200000
2	3	19	814327	94	1023	1134	383234	1200000
3	1	19	1069765	66	0	0	130169	1200000
4	3	19	1052507	52	1341	1018	144978	1200000
5	1	19	39544	85	0	0	1160371	1200000
6	3	19	1168913	97	1067	1277	28452	1200000
7	2	19	1025848	68	1352	0	172664	1200000
8	3	19	95455	50	1853	1789	1100753	1200000
9	1	19	666165	67	0	0	533768	1200000
10	1	19	556769	74	0	0	643157	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	4116	77	1419	1145	1083998	1090909
2	3	10	910102	88	1338	1744	177461	1090909
3	3	10	532427	86	1035	1042	556147	1090909
4	1	10	1048076	76	0	0	42757	1090909
5	2	10	492943	79	1479	0	596329	1090909
6	2	10	762265	91	1602	0	326860	1090909
7	1	10	354781	50	0	0	736078	1090909
8	2	10	918650	93	1515	0	170558	1090909
9	2	10	783639	98	1600	0	305474	1090909
10	1	10	460290	89	0	0	630530	1090909
11	1	10	807393	86	0	0	283430	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	2	15	490989	78	1168	0	174353	666666
2	3	15	472170	73	1723	1962	190592	666666
3	3	15	308521	59	1974	1446	354548	666666
4	1	15	508165	88	0	0	158413	666666
5	2	15	302068	85	1250	0	363178	666666
6	1	15	313872	55	0	0	352739	666666
7	2	15	647661	57	1531	0	17360	666666
8	1	15	140317	84	0	0	526265	666666
9	2	15	221813	67	1996	0	442723	666666
10	3	15	43685	88	1967	1744	619006	666666
11	1	15	54216	85	0	0	612365	666666
12	3	15	187745	96	1866	1919	474848	666666
13	3	15	378981	67	1348	1492	284644	666666
14	1	15	142197	100	0	0	524369	666666
15	3	15	508459	53	1804	1122	155122	666666
16	2	15	324530	68	1570	0	340430	666666
17	1	15	261908	99	0	0	404659	666666
18	3	15	243974	85	1449	1288	419700	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	2	20	431418	86	1475	0	272817	705882
2	3	20	628358	87	1925	1066	74272	705882
3	1	20	359362	84	0	0	346436	705882
4	2	20	434023	67	1897	0	269828	705882
5	2	20	611026	52	1099	0	93653	705882
6	3	20	138075	85	1950	1846	563756	705882
7	3	20	618861	71	1415	1117	84276	705882
8	2	20	38536	51	1509	0	665735	705882
9	1	20	276625	69	0	0	429188	705882
10	3	20	681047	57	1543	1855	21266	705882
11	1	20	429764	54	0	0	276064	705882
12	2	20	195908	75	1246	0	508578	705882
13	3	20	627361	53	1821	1821	74720	705882
14	1	20	449051	51	0	0	256780	705882
15	3	20	561913	94	1287	1048	141352	705882
16	3	20	286063	100	1474	1911	416134	705882
17	3	20	557239	92	1228	1745	145394	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	6	506309	89	0	0	693602	1200000
2	2	6	144710	99	1499	0	1053593	1200000
3	3	6	44275	61	1516	1100	1152926	1200000
4	1	6	600533	91	0	0	599376	1200000
5	3	6	1176347	50	1723	1386	20394	1200000
6	2	6	618175	63	1556	0	580143	1200000
7	3	6	329324	62	1677	1759	867054	1200000
8	2	6	1170086	69	1169	0	28607	1200000
9	2	6	387991	72	1678	0	810187	1200000
10	1	6	585607	95	0	0	614298	1200000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	888818	69	1890	0	32230	923076
2	3	6	892976	98	1060	1605	27141	923076
3	3	6	399584	67	1790	1762	519739	923076
4	3	6	652077	74	1797	1624	267356	923076
5	1	6	344700	83	0	0	578293	923076
6	1	6	515696	99	0	0	407281	923076
7	2	6	818530	62	1661	0	102761	923076
8	2	6	30595	97	1205	0	891082	923076
9	1	6	742764	92	0	0	180220	923076
10	2	6	485684	90	1110	0	436102	923076
11	1	6	595082	73	0	0	327921	923076
12	2	6	720252	61	1680	0	201022	923076
13	2	6	728557	66	1685	0	192702	923076

Type 5 #26 5315 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	571221	75	1497	1519	175538	750000
2	1	8	384229	73	0	0	365698	750000
3	1	8	541124	84	0	0	208792	750000
4	2	8	445053	78	1101	0	303690	750000
5	1	8	659373	66	0	0	90561	750000
6	1	8	261640	86	0	0	488274	750000
7	1	8	152420	51	0	0	597529	750000
8	3	8	574971	55	1868	1662	171334	750000
9	3	8	493490	63	1880	1176	253265	750000
10	1	8	45094	80	0	0	704826	750000
11	3	8	6777	82	1240	1331	740406	750000
12	2	8	254982	96	1668	0	493158	750000
13	3	8	572922	56	1415	1055	174440	750000
14	1	8	296850	64	0	0	453086	750000
15	1	8	123412	72	0	0	626516	750000
16	3	8	609900	86	1009	1562	137271	750000

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Type 5 #27 5317 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	14	946837	97	1560	1874	49438	1000000
2	3	14	463878	69	1429	1123	533363	1000000
3	1	14	755859	67	0	0	244074	1000000
4	1	14	907575	62	0	0	92363	1000000
5	1	14	958471	73	0	0	41456	1000000
6	1	14	120093	74	0	0	879833	1000000
7	3	14	446138	90	1929	1180	550483	1000000
8	2	14	965496	92	1750	0	32570	1000000
9	2	14	40410	53	1046	0	958438	1000000
10	2	14	653181	62	1889	0	344806	1000000
11	1	14	285349	61	0	0	714590	1000000
12	2	14	602221	70	1338	0	396301	1000000

Type 5 #28 5323 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	425212	59	1961	0	204287	631578
2	3	14	137815	52	1005	1899	490703	631578
3	3	14	30220	57	1109	1126	598952	631578
4	2	14	351090	56	1466	0	278910	631578
5	1	14	25284	95	0	0	606199	631578
6	1	14	531001	54	0	0	100523	631578
7	3	14	532798	93	1189	1477	95835	631578
8	2	14	379203	91	1215	0	250978	631578
9	1	14	41818	67	0	0	589693	631578
10	2	14	120035	62	1228	0	510191	631578
11	2	14	513748	76	1456	0	116222	631578
12	1	14	556658	96	0	0	74824	631578
13	2	14	37458	72	1971	0	592005	631578
14	2	14	251396	68	1653	0	378393	631578
15	1	14	241513	92	0	0	389973	631578
16	2	14	589080	94	1702	0	40608	631578
17	3	14	602980	96	1787	1054	25469	631578
18	1	14	494508	66	0	0	137004	631578
19	2	14	589895	82	1941	0	39578	631578

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Type 5 #29 5325 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	419149	85	1983	1575	777038	1200000
2	2	9	650975	65	1145	0	547750	1200000
3	1	9	282842	94	0	0	917064	1200000
4	3	9	898846	93	1384	1518	297973	1200000
5	1	9	17427	99	0	0	1182474	1200000
6	3	9	693460	67	1306	1298	503735	1200000
7	1	9	17593	75	0	0	1182332	1200000
8	1	9	268860	97	0	0	931043	1200000
9	1	9	205756	80	0	0	994164	1200000
10	2	9	1164260	62	1551	0	34065	1200000

Type 5 #30 5326 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	550649	76	0	0	199275	750000
2	1	6	7141	78	0	0	742781	750000
3	1	6	180157	100	0	0	569743	750000
4	1	6	718806	81	0	0	31113	750000
5	1	6	120542	51	0	0	629407	750000
6	2	6	291937	65	1737	0	456196	750000
7	2	6	16269	73	1005	0	732580	750000
8	1	6	92940	53	0	0	657007	750000
9	1	6	297602	71	0	0	452327	750000
10	3	6	10565	83	1163	1092	736931	750000
11	3	6	10530	67	1933	1943	735393	750000
12	1	6	386872	98	0	0	363030	750000
13	3	6	358178	100	1790	1847	387885	750000
14	1	6	26014	52	0	0	723934	750000
15	3	6	376367	64	1337	1183	370921	750000
16	3	6	241715	86	1204	1985	504838	750000

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Type 6 #1 [Back to Summary]									
#01-5298	#02-5547	#03-5426	#04-5690	#05-5584	#06-5723	#07-5625	#08-5382	#09-5288	#10-5617
#11-5360	#12-5401	#13-5332	#14-5346	#15-5542	#16-5313	#17-5549	#18-5320	#19-5654	#20-5525
#21-5647	#22-5692	#23-5680	#24-5671	#25-5466	#26-5406	#27-5697	#28-5311	#29-5687	#30-5557
#31-5608	#32-5601	#33-5285	#34-5496	#35-5575	#36-5517	#37-5597	#38-5585	#39-5724	#40-5363
#41-5522	#42-5293	#43-5722	#44-5290	#45-5478	#46-5670	#47-5303	#48-5326	#49-5424	#50-5619
#51-5448	#52-5300	#53-5470	#54-5675	#55-5322	#56-5334	#57-5587	#58-5475	#59-5469	#60-5427
#61-5272	#62-5560	#63-5417	#64-5454	#65-5254	#66-5481	#67-5365	#68-5556	#69-5493	#70-5268
#71-5437	#72-5684	#73-5323	#74-5538	#75-5719	#76-5602	#77-5691	#78-5637	#79-5439	#80-5514
#81-5354	#82-5621	#83-5611	#84-5318	#85-5361	#86-5559	#87-5384	#88-5338	#89-5430	#90-5498
#91-5655	#92-5376	#93-5369	#94-5544	#95-5340	#96-5689	#97-5599	#98-5516	#99-5282	#100-5251

Type 6 #2 [Back to Summary]									
#01-5562	#02-5470	#03-5557	#04-5404	#05-5433	#06-5490	#07-5706	#08-5657	#09-5680	#10-5441
#11-5361	#12-5675	#13-5285	#14-5679	#15-5324	#16-5377	#17-5672	#18-5348	#19-5345	#20-5419
#21-5346	#22-5276	#23-5379	#24-5720	#25-5336	#26-5311	#27-5570	#28-5502	#29-5455	#30-5280
#31-5250	#32-5427	#33-5604	#34-5443	#35-5681	#36-5607	#37-5314	#38-5462	#39-5610	#40-5593
#41-5580	#42-5452	#43-5381	#44-5711	#45-5386	#46-5704	#47-5335	#48-5413	#49-5476	#50-5684
#51-5265	#52-5506	#53-5424	#54-5591	#55-5629	#56-5535	#57-5342	#58-5561	#59-5316	#60-5372
#61-5644	#62-5460	#63-5459	#64-5648	#65-5446	#66-5663	#67-5320	#68-5573	#69-5724	#70-5445
#71-5309	#72-5474	#73-5472	#74-5485	#75-5565	#76-5622	#77-5623	#78-5390	#79-5585	#80-5356
#81-5699	#82-5407	#83-5275	#84-5498	#85-5264	#86-5480	#87-5252	#88-5260	#89-5536	#90-5397
#91-5519	#92-5484	#93-5391	#94-5495	#95-5670	#96-5373	#97-5718	#98-5457	#99-5525	#100-5444

Type 6 #3 [Back to Summary]									
#01-5633	#02-5488	#03-5411	#04-5276	#05-5620	#06-5522	#07-5285	#08-5669	#09-5278	#10-5257
#11-5636	#12-5678	#13-5701	#14-5685	#15-5395	#16-5486	#17-5427	#18-5687	#19-5629	#20-5694
#21-5660	#22-5313	#23-5292	#24-5574	#25-5652	#26-5556	#27-5329	#28-5705	#29-5527	#30-5438
#31-5621	#32-5416	#33-5591	#34-5388	#35-5447	#36-5460	#37-5721	#38-5251	#39-5593	#40-5466
#41-5435	#42-5308	#43-5708	#44-5521	#45-5482	#46-5555	#47-5498	#48-5424	#49-5341	#50-5431
#51-5667	#52-5283	#53-5543	#54-5546	#55-5503	#56-5569	#57-5445	#58-5557	#59-5345	#60-5309
#61-5442	#62-5305	#63-5383	#64-5563	#65-5354	#66-5467	#67-5331	#68-5561	#69-5485	#70-5657
#71-5491	#72-5420	#73-5338	#74-5409	#75-5508	#76-5606	#77-5327	#78-5490	#79-5343	#80-5347
#81-5307	#82-5625	#83-5612	#84-5349	#85-5497	#86-5597	#87-5599	#88-5296	#89-5611	#90-5603
#91-5262	#92-5408	#93-5634	#94-5538	#95-5271	#96-5381	#97-5648	#98-5393	#99-5419	#100-5267

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Type 6 #4 [Back to Summary]										
#01-5479	#02-5666	#03-5667	#04-5407	#05-5669	#06-5494	#07-5668	#08-5378	#09-5291	#10-5622	
#11-5491	#12-5685	#13-5463	#14-5250	#15-5724	#16-5544	#17-5417	#18-5290	#19-5318	#20-5484	
#21-5592	#22-5281	#23-5674	#24-5607	#25-5642	#26-5329	#27-5520	#28-5524	#29-5390	#30-5371	
#31-5686	#32-5654	#33-5317	#34-5325	#35-5587	#36-5367	#37-5681	#38-5451	#39-5402	#40-5723	
#41-5646	#42-5465	#43-5256	#44-5710	#45-5358	#46-5304	#47-5665	#48-5624	#49-5537	#50-5449	
#51-5689	#52-5598	#53-5327	#54-5655	#55-5397	#56-5445	#57-5716	#58-5306	#59-5487	#60-5582	
#61-5697	#62-5392	#63-5712	#64-5634	#65-5656	#66-5552	#67-5605	#68-5387	#69-5382	#70-5596	
#71-5578	#72-5688	#73-5603	#74-5315	#75-5549	#76-5373	#77-5273	#78-5684	#79-5495	#80-5579	
#81-5379	#82-5608	#83-5708	#84-5653	#85-5408	#86-5330	#87-5568	#88-5376	#89-5639	#90-5389	
#91-5369	#92-5614	#93-5687	#94-5527	#95-5272	#96-5500	#97-5471	#98-5335	#99-5293	#100-5517	

Type 6 #5 [Back to Summary]										
#01-5413	#02-5530	#03-5494	#04-5658	#05-5587	#06-5723	#07-5715	#08-5258	#09-5352	#10-5272	
#11-5422	#12-5280	#13-5534	#14-5622	#15-5457	#16-5332	#17-5407	#18-5300	#19-5485	#20-5584	
#21-5701	#22-5483	#23-5465	#24-5717	#25-5479	#26-5688	#27-5724	#28-5325	#29-5293	#30-5303	
#31-5623	#32-5662	#33-5639	#34-5695	#35-5426	#36-5574	#37-5371	#38-5304	#39-5328	#40-5410	
#41-5342	#42-5570	#43-5278	#44-5627	#45-5692	#46-5349	#47-5343	#48-5318	#49-5334	#50-5666	
#51-5356	#52-5434	#53-5576	#54-5441	#55-5548	#56-5651	#57-5314	#58-5504	#59-5431	#60-5618	
#61-5722	#62-5637	#63-5686	#64-5299	#65-5377	#66-5486	#67-5366	#68-5557	#69-5448	#70-5602	
#71-5680	#72-5359	#73-5694	#74-5323	#75-5497	#76-5384	#77-5458	#78-5559	#79-5269	#80-5388	
#81-5598	#82-5653	#83-5718	#84-5351	#85-5672	#86-5446	#87-5338	#88-5459	#89-5402	#90-5502	
#91-5516	#92-5593	#93-5596	#94-5430	#95-5412	#96-5425	#97-5605	#98-5700	#99-5509	#100-5466	

Type 6 #6 [Back to Summary]										
#01-5708	#02-5505	#03-5596	#04-5449	#05-5707	#06-5719	#07-5455	#08-5501	#09-5665	#10-5414	
#11-5446	#12-5476	#13-5477	#14-5293	#15-5271	#16-5316	#17-5643	#18-5590	#19-5349	#20-5652	
#21-5394	#22-5630	#23-5406	#24-5672	#25-5339	#26-5337	#27-5482	#28-5518	#29-5635	#30-5318	
#31-5498	#32-5475	#33-5303	#34-5537	#35-5398	#36-5344	#37-5308	#38-5523	#39-5365	#40-5682	
#41-5712	#42-5559	#43-5514	#44-5705	#45-5295	#46-5282	#47-5369	#48-5555	#49-5409	#50-5345	
#51-5507	#52-5263	#53-5603	#54-5579	#55-5315	#56-5327	#57-5351	#58-5648	#59-5363	#60-5619	
#61-5490	#62-5666	#63-5591	#64-5598	#65-5644	#66-5696	#67-5424	#68-5668	#69-5617	#70-5650	
#71-5255	#72-5377	#73-5473	#74-5393	#75-5664	#76-5561	#77-5371	#78-5427	#79-5622	#80-5302	
#81-5695	#82-5649	#83-5358	#84-5541	#85-5539	#86-5481	#87-5595	#88-5450	#89-5465	#90-5321	
#91-5722	#92-5386	#93-5410	#94-5468	#95-5440	#96-5291	#97-5690	#98-5636	#99-5309	#100-5324	

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#01-5587	#02-5423	#03-5658	#04-5480	#05-5337	#06-5378	#07-5513	#08-5458	#09-5637	#10-5477
#11-5682	#12-5646	#13-5272	#14-5303	#15-5648	#16-5560	#17-5556	#18-5298	#19-5307	#20-5411
#21-5348	#22-5697	#23-5448	#24-5546	#25-5656	#26-5594	#27-5691	#28-5256	#29-5675	#30-5617
#31-5593	#32-5452	#33-5362	#34-5547	#35-5441	#36-5520	#37-5718	#38-5600	#39-5450	#40-5408
#41-5695	#42-5387	#43-5536	#44-5716	#45-5363	#46-5323	#47-5360	#48-5353	#49-5544	#50-5605
#51-5463	#52-5641	#53-5579	#54-5623	#55-5703	#56-5612	#57-5700	#58-5357	#59-5542	#60-5465
#61-5407	#62-5501	#63-5503	#64-5265	#65-5603	#66-5472	#67-5527	#68-5439	#69-5580	#70-5371
#71-5565	#72-5679	#73-5566	#74-5618	#75-5432	#76-5680	#77-5398	#78-5449	#79-5421	#80-5575
#81-5475	#82-5581	#83-5425	#84-5313	#85-5396	#86-5676	#87-5595	#88-5456	#89-5567	#90-5545
#91-5537	#92-5607	#93-5294	#94-5711	#95-5724	#96-5428	#97-5606	#98-5512	#99-5347	#100-5614

Type 6 #8 [Back to Summary]									
#01-5517	#02-5641	#03-5495	#04-5421	#05-5287	#06-5508	#07-5323	#08-5688	#09-5433	#10-5271
#11-5460	#12-5493	#13-5656	#14-5695	#15-5713	#16-5553	#17-5321	#18-5438	#19-5586	#20-5652
#21-5603	#22-5319	#23-5599	#24-5280	#25-5552	#26-5685	#27-5626	#28-5581	#29-5618	#30-5252
#31-5326	#32-5606	#33-5348	#34-5537	#35-5312	#36-5561	#37-5339	#38-5261	#39-5282	#40-5622
#41-5602	#42-5634	#43-5279	#44-5546	#45-5347	#46-5305	#47-5676	#48-5336	#49-5722	#50-5420
#51-5371	#52-5417	#53-5662	#54-5431	#55-5260	#56-5449	#57-5294	#58-5467	#59-5591	#60-5332
#61-5605	#62-5465	#63-5322	#64-5434	#65-5673	#66-5574	#67-5397	#68-5370	#69-5632	#70-5401
#71-5469	#72-5311	#73-5410	#74-5692	#75-5301	#76-5698	#77-5292	#78-5303	#79-5664	#80-5502
#81-5259	#82-5544	#83-5585	#84-5452	#85-5611	#86-5633	#87-5672	#88-5643	#89-5527	#90-5587
#91-5520	#92-5593	#93-5393	#94-5681	#95-5267	#96-5391	#97-5560	#98-5567	#99-5598	#100-5487

Type 6 #9 [Back to Summary]									
#01-5632	#02-5559	#03-5424	#04-5572	#05-5681	#06-5305	#07-5258	#08-5697	#09-5380	#10-5290
#11-5406	#12-5715	#13-5526	#14-5344	#15-5317	#16-5309	#17-5601	#18-5594	#19-5544	#20-5291
#21-5630	#22-5478	#23-5558	#24-5289	#25-5602	#26-5592	#27-5644	#28-5453	#29-5673	#30-5635
#31-5379	#32-5443	#33-5421	#34-5422	#35-5589	#36-5426	#37-5370	#38-5265	#39-5493	#40-5552
#41-5622	#42-5701	#43-5509	#44-5488	#45-5435	#46-5530	#47-5321	#48-5299	#49-5614	#50-5684
#51-5511	#52-5695	#53-5275	#54-5560	#55-5583	#56-5401	#57-5250	#58-5384	#59-5696	#60-5338
#61-5389	#62-5527	#63-5273	#64-5470	#65-5637	#66-5686	#67-5540	#68-5355	#69-5475	#70-5616
#71-5662	#72-5582	#73-5351	#74-5717	#75-5393	#76-5655	#77-5691	#78-5320	#79-5575	#80-5319
#81-5518	#82-5590	#83-5562	#84-5714	#85-5368	#86-5408	#87-5417	#88-5581	#89-5554	#90-5437
#91-5425	#92-5710	#93-5293	#94-5403	#95-5414	#96-5341	#97-5674	#98-5287	#99-5577	#100-5473

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #10 [Back to Summary]									
#01-5714	#02-5688	#03-5546	#04-5722	#05-5270	#06-5650	#07-5591	#08-5284	#09-5415	#10-5654
#11-5435	#12-5653	#13-5527	#14-5624	#15-5535	#16-5515	#17-5686	#18-5283	#19-5348	#20-5472
#21-5512	#22-5679	#23-5514	#24-5289	#25-5437	#26-5673	#27-5540	#28-5668	#29-5548	#30-5302
#31-5703	#32-5645	#33-5458	#34-5352	#35-5328	#36-5556	#37-5295	#38-5567	#39-5693	#40-5439
#41-5536	#42-5381	#43-5414	#44-5625	#45-5251	#46-5489	#47-5425	#48-5388	#49-5589	#50-5616
#51-5376	#52-5638	#53-5663	#54-5353	#55-5681	#56-5281	#57-5417	#58-5502	#59-5526	#60-5318
#61-5359	#62-5642	#63-5455	#64-5363	#65-5675	#66-5504	#67-5438	#68-5422	#69-5549	#70-5706
#71-5470	#72-5365	#73-5312	#74-5626	#75-5656	#76-5379	#77-5506	#78-5607	#79-5286	#80-5667
#81-5490	#82-5397	#83-5327	#84-5649	#85-5639	#86-5309	#87-5711	#88-5355	#89-5393	#90-5294
#91-5386	#92-5508	#93-5285	#94-5617	#95-5332	#96-5610	#97-5644	#98-5304	#99-5677	#100-5464

Type 6 #11 [Back to Summary]									
#01-5303	#02-5253	#03-5567	#04-5612	#05-5396	#06-5261	#07-5578	#08-5286	#09-5422	#10-5550
#11-5497	#12-5532	#13-5471	#14-5589	#15-5548	#16-5685	#17-5568	#18-5527	#19-5441	#20-5619
#21-5521	#22-5332	#23-5281	#24-5501	#25-5570	#26-5690	#27-5331	#28-5413	#29-5547	#30-5292
#31-5456	#32-5454	#33-5662	#34-5545	#35-5621	#36-5490	#37-5560	#38-5439	#39-5507	#40-5640
#41-5453	#42-5678	#43-5666	#44-5573	#45-5520	#46-5584	#47-5290	#48-5419	#49-5325	#50-5370
#51-5301	#52-5369	#53-5593	#54-5313	#55-5671	#56-5699	#57-5700	#58-5315	#59-5294	#60-5429
#61-5655	#62-5409	#63-5461	#64-5377	#65-5344	#66-5288	#67-5601	#68-5651	#69-5697	#70-5307
#71-5376	#72-5374	#73-5268	#74-5531	#75-5407	#76-5576	#77-5393	#78-5436	#79-5706	#80-5714
#81-5648	#82-5631	#83-5340	#84-5425	#85-5716	#86-5337	#87-5596	#88-5600	#89-5606	#90-5645
#91-5515	#92-5489	#93-5397	#94-5327	#95-5708	#96-5293	#97-5465	#98-5533	#99-5476	#100-5482

Type 6 #12 [Back to Summary]									
#01-5709	#02-5364	#03-5455	#04-5271	#05-5722	#06-5650	#07-5351	#08-5306	#09-5627	#10-5344
#11-5552	#12-5511	#13-5335	#14-5307	#15-5508	#16-5274	#17-5326	#18-5287	#19-5393	#20-5256
#21-5425	#22-5723	#23-5298	#24-5302	#25-5514	#26-5606	#27-5697	#28-5667	#29-5551	#30-5369
#31-5363	#32-5585	#33-5682	#34-5471	#35-5252	#36-5536	#37-5429	#38-5320	#39-5432	#40-5316
#41-5708	#42-5541	#43-5691	#44-5510	#45-5348	#46-5260	#47-5414	#48-5349	#49-5548	#50-5679
#51-5692	#52-5434	#53-5401	#54-5475	#55-5317	#56-5710	#57-5323	#58-5412	#59-5491	#60-5375
#61-5673	#62-5416	#63-5486	#64-5522	#65-5711	#66-5688	#67-5558	#68-5594	#69-5304	#70-5695
#71-5576	#72-5258	#73-5586	#74-5331	#75-5273	#76-5609	#77-5281	#78-5516	#79-5675	#80-5501
#81-5451	#82-5607	#83-5381	#84-5593	#85-5399	#86-5652	#87-5444	#88-5466	#89-5409	#90-5267
#91-5470	#92-5270	#93-5561	#94-5314	#95-5368	#96-5556	#97-5311	#98-5437	#99-5529	#100-5383

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #13 [Back to Summary]									
#01-5431	#02-5541	#03-5288	#04-5570	#05-5358	#06-5686	#07-5568	#08-5319	#09-5448	#10-5429
#11-5682	#12-5530	#13-5450	#14-5712	#15-5644	#16-5320	#17-5283	#18-5613	#19-5372	#20-5305
#21-5504	#22-5340	#23-5438	#24-5287	#25-5485	#26-5556	#27-5427	#28-5525	#29-5691	#30-5447
#31-5553	#32-5579	#33-5715	#34-5558	#35-5316	#36-5631	#37-5571	#38-5527	#39-5481	#40-5428
#41-5337	#42-5368	#43-5263	#44-5700	#45-5308	#46-5660	#47-5545	#48-5572	#49-5389	#50-5286
#51-5515	#52-5416	#53-5306	#54-5469	#55-5600	#56-5344	#57-5355	#58-5250	#59-5339	#60-5532
#61-5509	#62-5293	#63-5359	#64-5252	#65-5610	#66-5362	#67-5546	#68-5624	#69-5649	#70-5265
#71-5480	#72-5484	#73-5385	#74-5667	#75-5694	#76-5391	#77-5328	#78-5466	#79-5705	#80-5552
#81-5260	#82-5591	#83-5390	#84-5654	#85-5657	#86-5386	#87-5520	#88-5499	#89-5687	#90-5702
#91-5528	#92-5574	#93-5442	#94-5678	#95-5647	#96-5295	#97-5266	#98-5262	#99-5350	#100-5676

Type 6 #14 [Back to Summary]									
#01-5369	#02-5651	#03-5647	#04-5375	#05-5535	#06-5285	#07-5289	#08-5367	#09-5500	#10-5460
#11-5266	#12-5616	#13-5272	#14-5515	#15-5521	#16-5650	#17-5633	#18-5428	#19-5323	#20-5472
#21-5564	#22-5295	#23-5660	#24-5671	#25-5463	#26-5635	#27-5290	#28-5425	#29-5264	#30-5649
#31-5373	#32-5315	#33-5368	#34-5277	#35-5433	#36-5337	#37-5665	#38-5258	#39-5371	#40-5618
#41-5347	#42-5407	#43-5723	#44-5481	#45-5686	#46-5632	#47-5548	#48-5655	#49-5413	#50-5250
#51-5391	#52-5563	#53-5668	#54-5597	#55-5366	#56-5328	#57-5719	#58-5704	#59-5631	#60-5620
#61-5721	#62-5584	#63-5353	#64-5572	#65-5341	#66-5680	#67-5499	#68-5718	#69-5335	#70-5440
#71-5709	#72-5615	#73-5312	#74-5431	#75-5384	#76-5415	#77-5298	#78-5437	#79-5708	#80-5550
#81-5342	#82-5362	#83-5265	#84-5267	#85-5514	#86-5534	#87-5381	#88-5494	#89-5630	#90-5357
#91-5340	#92-5682	#93-5351	#94-5471	#95-5614	#96-5484	#97-5303	#98-5405	#99-5396	#100-5254

Type 6 #15 [Back to Summary]									
#01-5385	#02-5550	#03-5569	#04-5699	#05-5263	#06-5485	#07-5499	#08-5486	#09-5469	#10-5679
#11-5279	#12-5539	#13-5718	#14-5334	#15-5535	#16-5612	#17-5574	#18-5336	#19-5311	#20-5528
#21-5557	#22-5257	#23-5337	#24-5705	#25-5349	#26-5280	#27-5525	#28-5575	#29-5530	#30-5625
#31-5362	#32-5624	#33-5294	#34-5707	#35-5417	#36-5512	#37-5514	#38-5292	#39-5252	#40-5277
#41-5287	#42-5614	#43-5272	#44-5680	#45-5328	#46-5523	#47-5688	#48-5264	#49-5654	#50-5261
#51-5632	#52-5687	#53-5343	#54-5584	#55-5424	#56-5383	#57-5462	#58-5590	#59-5602	#60-5710
#61-5682	#62-5651	#63-5676	#64-5568	#65-5565	#66-5384	#67-5490	#68-5262	#69-5641	#70-5274
#71-5352	#72-5529	#73-5340	#74-5291	#75-5492	#76-5667	#77-5712	#78-5386	#79-5630	#80-5545
#81-5319	#82-5507	#83-5640	#84-5513	#85-5719	#86-5400	#87-5534	#88-5435	#89-5531	#90-5296
#91-5307	#92-5652	#93-5416	#94-5270	#95-5323	#96-5364	#97-5655	#98-5427	#99-5369	#100-5665

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #16 [Back to Summary]									
#01-5278	#02-5677	#03-5345	#04-5633	#05-5640	#06-5349	#07-5603	#08-5300	#09-5336	#10-5477
#11-5394	#12-5334	#13-5682	#14-5303	#15-5644	#16-5423	#17-5260	#18-5414	#19-5578	#20-5427
#21-5567	#22-5310	#23-5455	#24-5604	#25-5696	#26-5419	#27-5369	#28-5316	#29-5693	#30-5392
#31-5264	#32-5537	#33-5269	#34-5689	#35-5521	#36-5365	#37-5425	#38-5257	#39-5605	#40-5619
#41-5517	#42-5491	#43-5354	#44-5309	#45-5623	#46-5692	#47-5700	#48-5367	#49-5353	#50-5620
#51-5347	#52-5497	#53-5569	#54-5663	#55-5355	#56-5697	#57-5478	#58-5469	#59-5662	#60-5476
#61-5708	#62-5540	#63-5331	#64-5669	#65-5463	#66-5579	#67-5315	#68-5717	#69-5508	#70-5532
#71-5251	#72-5253	#73-5533	#74-5683	#75-5629	#76-5332	#77-5680	#78-5399	#79-5709	#80-5254
#81-5446	#82-5258	#83-5688	#84-5324	#85-5296	#86-5498	#87-5687	#88-5335	#89-5586	#90-5549
#91-5608	#92-5671	#93-5321	#94-5386	#95-5634	#96-5703	#97-5409	#98-5408	#99-5565	#100-5291

Type 6 #17 [Back to Summary]									
#01-5626	#02-5705	#03-5578	#04-5540	#05-5617	#06-5340	#07-5686	#08-5607	#09-5280	#10-5268
#11-5260	#12-5331	#13-5482	#14-5660	#15-5281	#16-5701	#17-5570	#18-5261	#19-5624	#20-5690
#21-5610	#22-5710	#23-5378	#24-5679	#25-5642	#26-5301	#27-5655	#28-5403	#29-5299	#30-5651
#31-5646	#32-5523	#33-5543	#34-5664	#35-5353	#36-5459	#37-5399	#38-5398	#39-5427	#40-5676
#41-5528	#42-5333	#43-5302	#44-5564	#45-5533	#46-5524	#47-5442	#48-5382	#49-5350	#50-5659
#51-5379	#52-5394	#53-5499	#54-5598	#55-5405	#56-5637	#57-5573	#58-5616	#59-5615	#60-5561
#61-5408	#62-5526	#63-5555	#64-5348	#65-5341	#66-5454	#67-5498	#68-5536	#69-5554	#70-5534
#71-5546	#72-5421	#73-5552	#74-5673	#75-5404	#76-5519	#77-5661	#78-5518	#79-5387	#80-5359
#81-5579	#82-5514	#83-5298	#84-5357	#85-5515	#86-5495	#87-5274	#88-5674	#89-5504	#90-5432
#91-5606	#92-5491	#93-5490	#94-5584	#95-5510	#96-5250	#97-5483	#98-5677	#99-5467	#100-5326

Type 6 #18 [Back to Summary]									
#01-5276	#02-5627	#03-5547	#04-5533	#05-5360	#06-5680	#07-5561	#08-5555	#09-5444	#10-5596
#11-5706	#12-5297	#13-5476	#14-5505	#15-5714	#16-5605	#17-5478	#18-5447	#19-5548	#20-5562
#21-5425	#22-5558	#23-5277	#24-5371	#25-5656	#26-5298	#27-5646	#28-5698	#29-5398	#30-5404
#31-5285	#32-5712	#33-5304	#34-5312	#35-5338	#36-5676	#37-5702	#38-5491	#39-5250	#40-5571
#41-5666	#42-5442	#43-5472	#44-5640	#45-5452	#46-5560	#47-5273	#48-5720	#49-5592	#50-5637
#51-5490	#52-5294	#53-5372	#54-5638	#55-5623	#56-5436	#57-5595	#58-5419	#59-5600	#60-5314
#61-5283	#62-5584	#63-5402	#64-5289	#65-5554	#66-5718	#67-5719	#68-5414	#69-5416	#70-5286
#71-5624	#72-5709	#73-5449	#74-5699	#75-5613	#76-5705	#77-5334	#78-5358	#79-5641	#80-5344
#81-5270	#82-5648	#83-5354	#84-5483	#85-5632	#86-5713	#87-5580	#88-5384	#89-5405	#90-5614
#91-5329	#92-5521	#93-5608	#94-5660	#95-5527	#96-5331	#97-5290	#98-5433	#99-5333	#100-5459

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #19 [Back to Summary]									
#01-5567	#02-5581	#03-5548	#04-5557	#05-5263	#06-5504	#07-5569	#08-5393	#09-5274	#10-5643
#11-5358	#12-5487	#13-5503	#14-5509	#15-5289	#16-5357	#17-5481	#18-5648	#19-5375	#20-5572
#21-5380	#22-5586	#23-5259	#24-5525	#25-5684	#26-5346	#27-5345	#28-5513	#29-5418	#30-5537
#31-5673	#32-5624	#33-5279	#34-5433	#35-5498	#36-5417	#37-5350	#38-5523	#39-5469	#40-5383
#41-5398	#42-5445	#43-5363	#44-5492	#45-5516	#46-5573	#47-5273	#48-5354	#49-5630	#50-5430
#51-5582	#52-5369	#53-5310	#54-5489	#55-5328	#56-5711	#57-5579	#58-5276	#59-5609	#60-5647
#61-5410	#62-5306	#63-5704	#64-5463	#65-5697	#66-5461	#67-5460	#68-5320	#69-5257	#70-5604
#71-5255	#72-5689	#73-5426	#74-5718	#75-5424	#76-5663	#77-5472	#78-5497	#79-5264	#80-5368
#81-5324	#82-5716	#83-5618	#84-5713	#85-5687	#86-5554	#87-5563	#88-5519	#89-5351	#90-5520
#91-5577	#92-5325	#93-5649	#94-5558	#95-5698	#96-5338	#97-5466	#98-5629	#99-5524	#100-5299

Type 6 #20 [Back to Summary]									
#01-5354	#02-5677	#03-5346	#04-5277	#05-5423	#06-5611	#07-5670	#08-5318	#09-5315	#10-5398
#11-5492	#12-5328	#13-5262	#14-5486	#15-5569	#16-5420	#17-5421	#18-5714	#19-5502	#20-5395
#21-5627	#22-5669	#23-5694	#24-5469	#25-5274	#26-5653	#27-5292	#28-5592	#29-5268	#30-5334
#31-5446	#32-5568	#33-5699	#34-5686	#35-5263	#36-5373	#37-5617	#38-5584	#39-5540	#40-5329
#41-5605	#42-5493	#43-5452	#44-5681	#45-5276	#46-5497	#47-5314	#48-5413	#49-5712	#50-5532
#51-5645	#52-5479	#53-5379	#54-5377	#55-5402	#56-5411	#57-5708	#58-5602	#59-5252	#60-5496
#61-5570	#62-5330	#63-5301	#64-5707	#65-5676	#66-5644	#67-5356	#68-5302	#69-5473	#70-5450
#71-5526	#72-5558	#73-5427	#74-5426	#75-5516	#76-5385	#77-5474	#78-5261	#79-5447	#80-5511
#81-5594	#82-5607	#83-5608	#84-5464	#85-5409	#86-5688	#87-5442	#88-5574	#89-5541	#90-5580
#91-5386	#92-5265	#93-5585	#94-5299	#95-5485	#96-5533	#97-5443	#98-5468	#99-5251	#100-5352

Type 6 #21 [Back to Summary]									
#01-5391	#02-5262	#03-5665	#04-5516	#05-5257	#06-5340	#07-5307	#08-5681	#09-5588	#10-5267
#11-5662	#12-5696	#13-5412	#14-5473	#15-5624	#16-5688	#17-5446	#18-5561	#19-5547	#20-5716
#21-5456	#22-5503	#23-5487	#24-5614	#25-5310	#26-5508	#27-5701	#28-5372	#29-5660	#30-5708
#31-5663	#32-5253	#33-5261	#34-5344	#35-5364	#36-5577	#37-5659	#38-5339	#39-5453	#40-5321
#41-5628	#42-5483	#43-5710	#44-5521	#45-5637	#46-5415	#47-5575	#48-5360	#49-5398	#50-5518
#51-5331	#52-5601	#53-5639	#54-5264	#55-5613	#56-5607	#57-5495	#58-5298	#59-5454	#60-5470
#61-5365	#62-5654	#63-5270	#64-5599	#65-5324	#66-5656	#67-5684	#68-5318	#69-5361	#70-5296
#71-5277	#72-5359	#73-5362	#74-5479	#75-5336	#76-5697	#77-5522	#78-5691	#79-5700	#80-5611
#81-5648	#82-5583	#83-5699	#84-5397	#85-5619	#86-5313	#87-5338	#88-5724	#89-5445	#90-5474
#91-5332	#92-5608	#93-5598	#94-5706	#95-5676	#96-5694	#97-5464	#98-5357	#99-5443	#100-5705

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Type 6 #22 [Back to Summary]									
#01-5456	#02-5511	#03-5250	#04-5353	#05-5496	#06-5701	#07-5497	#08-5413	#09-5652	#10-5645
#11-5341	#12-5532	#13-5322	#14-5564	#15-5544	#16-5495	#17-5683	#18-5597	#19-5703	#20-5260
#21-5574	#22-5685	#23-5593	#24-5607	#25-5689	#26-5380	#27-5468	#28-5373	#29-5519	#30-5357
#31-5475	#32-5411	#33-5490	#34-5718	#35-5408	#36-5390	#37-5589	#38-5598	#39-5624	#40-5649
#41-5538	#42-5643	#43-5317	#44-5524	#45-5379	#46-5522	#47-5541	#48-5293	#49-5410	#50-5431
#51-5266	#52-5596	#53-5372	#54-5436	#55-5378	#56-5492	#57-5642	#58-5362	#59-5386	#60-5358
#61-5474	#62-5367	#63-5619	#64-5545	#65-5417	#66-5657	#67-5285	#68-5325	#69-5400	#70-5398
#71-5634	#72-5330	#73-5698	#74-5299	#75-5446	#76-5656	#77-5614	#78-5311	#79-5473	#80-5418
#81-5566	#82-5429	#83-5687	#84-5332	#85-5338	#86-5609	#87-5282	#88-5302	#89-5585	#90-5641
#91-5478	#92-5471	#93-5459	#94-5513	#95-5424	#96-5421	#97-5275	#98-5508	#99-5355	#100-5457

Type 6 #23 [Back to Summary]									
#01-5487	#02-5461	#03-5619	#04-5264	#05-5527	#06-5656	#07-5624	#08-5325	#09-5719	#10-5452
#11-5605	#12-5574	#13-5617	#14-5698	#15-5521	#16-5299	#17-5408	#18-5529	#19-5445	#20-5534
#21-5616	#22-5706	#23-5466	#24-5481	#25-5648	#26-5405	#27-5598	#28-5430	#29-5601	#30-5274
#31-5625	#32-5356	#33-5680	#34-5269	#35-5652	#36-5349	#37-5530	#38-5671	#39-5532	#40-5407
#41-5708	#42-5684	#43-5309	#44-5377	#45-5283	#46-5622	#47-5572	#48-5480	#49-5711	#50-5368
#51-5257	#52-5468	#53-5304	#54-5548	#55-5558	#56-5500	#57-5717	#58-5380	#59-5338	#60-5363
#61-5303	#62-5434	#63-5442	#64-5691	#65-5552	#66-5494	#67-5615	#68-5593	#69-5294	#70-5418
#71-5489	#72-5459	#73-5720	#74-5286	#75-5549	#76-5657	#77-5643	#78-5335	#79-5446	#80-5272
#81-5555	#82-5362	#83-5444	#84-5478	#85-5266	#86-5397	#87-5307	#88-5378	#89-5428	#90-5393
#91-5357	#92-5398	#93-5581	#94-5419	#95-5354	#96-5520	#97-5493	#98-5340	#99-5556	#100-5513

Type 6 #24 [Back to Summary]									
#01-5254	#02-5704	#03-5439	#04-5539	#05-5605	#06-5518	#07-5476	#08-5268	#09-5250	#10-5629
#11-5584	#12-5631	#13-5658	#14-5318	#15-5532	#16-5665	#17-5713	#18-5687	#19-5675	#20-5400
#21-5440	#22-5487	#23-5413	#24-5621	#25-5313	#26-5342	#27-5604	#28-5548	#29-5652	#30-5281
#31-5416	#32-5551	#33-5507	#34-5663	#35-5270	#36-5574	#37-5648	#38-5633	#39-5596	#40-5467
#41-5646	#42-5289	#43-5377	#44-5523	#45-5531	#46-5449	#47-5462	#48-5508	#49-5607	#50-5412
#51-5528	#52-5520	#53-5385	#54-5392	#55-5319	#56-5484	#57-5536	#58-5538	#59-5469	#60-5509
#61-5637	#62-5654	#63-5335	#64-5696	#65-5453	#66-5282	#67-5364	#68-5718	#69-5299	#70-5682
#71-5263	#72-5327	#73-5337	#74-5448	#75-5475	#76-5401	#77-5359	#78-5612	#79-5338	#80-5583
#81-5597	#82-5345	#83-5669	#84-5482	#85-5468	#86-5616	#87-5408	#88-5361	#89-5592	#90-5500
#91-5290	#92-5360	#93-5407	#94-5334	#95-5563	#96-5723	#97-5678	#98-5406	#99-5315	#100-5503

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Type 6 #25 [Back to Summary]									
#01-5335	#02-5474	#03-5464	#04-5635	#05-5405	#06-5456	#07-5438	#08-5662	#09-5644	#10-5638
#11-5376	#12-5649	#13-5449	#14-5613	#15-5636	#16-5540	#17-5711	#18-5573	#19-5470	#20-5565
#21-5591	#22-5255	#23-5369	#24-5517	#25-5640	#26-5623	#27-5639	#28-5724	#29-5611	#30-5478
#31-5447	#32-5677	#33-5538	#34-5552	#35-5494	#36-5368	#37-5600	#38-5262	#39-5326	#40-5266
#41-5422	#42-5472	#43-5436	#44-5681	#45-5371	#46-5359	#47-5632	#48-5516	#49-5417	#50-5271
#51-5261	#52-5344	#53-5665	#54-5473	#55-5633	#56-5325	#57-5348	#58-5671	#59-5263	#60-5503
#61-5537	#62-5433	#63-5295	#64-5409	#65-5431	#66-5423	#67-5352	#68-5615	#69-5363	#70-5514
#71-5664	#72-5700	#73-5496	#74-5454	#75-5386	#76-5364	#77-5539	#78-5413	#79-5391	#80-5527
#81-5715	#82-5366	#83-5553	#84-5594	#85-5468	#86-5349	#87-5265	#88-5315	#89-5650	#90-5418
#91-5276	#92-5666	#93-5250	#94-5555	#95-5451	#96-5714	#97-5429	#98-5282	#99-5498	#100-5678

Type 6 #26 [Back to Summary]									
#01-5260	#02-5269	#03-5405	#04-5635	#05-5335	#06-5290	#07-5578	#08-5458	#09-5338	#10-5520
#11-5518	#12-5660	#13-5527	#14-5462	#15-5514	#16-5420	#17-5615	#18-5424	#19-5671	#20-5329
#21-5413	#22-5285	#23-5697	#24-5670	#25-5490	#26-5724	#27-5698	#28-5667	#29-5255	#30-5398
#31-5659	#32-5506	#33-5645	#34-5444	#35-5515	#36-5695	#37-5689	#38-5636	#39-5509	#40-5428
#41-5500	#42-5534	#43-5709	#44-5374	#45-5623	#46-5339	#47-5382	#48-5511	#49-5287	#50-5280
#51-5351	#52-5257	#53-5336	#54-5415	#55-5512	#56-5701	#57-5299	#58-5460	#59-5394	#60-5333
#61-5316	#62-5629	#63-5452	#64-5657	#65-5580	#66-5261	#67-5262	#68-5331	#69-5669	#70-5547
#71-5455	#72-5696	#73-5631	#74-5487	#75-5553	#76-5602	#77-5303	#78-5568	#79-5294	#80-5401
#81-5588	#82-5435	#83-5628	#84-5702	#85-5302	#86-5652	#87-5422	#88-5482	#89-5655	#90-5541
#91-5644	#92-5479	#93-5494	#94-5426	#95-5365	#96-5593	#97-5332	#98-5300	#99-5526	#100-5613

Type 6 #27 [Back to Summary]									
#01-5329	#02-5306	#03-5568	#04-5469	#05-5552	#06-5379	#07-5346	#08-5574	#09-5591	#10-5632
#11-5651	#12-5453	#13-5417	#14-5719	#15-5471	#16-5607	#17-5250	#18-5476	#19-5613	#20-5650
#21-5560	#22-5500	#23-5393	#24-5380	#25-5620	#26-5697	#27-5448	#28-5457	#29-5370	#30-5680
#31-5521	#32-5253	#33-5293	#34-5397	#35-5320	#36-5532	#37-5592	#38-5412	#39-5398	#40-5646
#41-5559	#42-5575	#43-5621	#44-5278	#45-5616	#46-5442	#47-5313	#48-5501	#49-5684	#50-5483
#51-5596	#52-5581	#53-5408	#54-5599	#55-5303	#56-5548	#57-5639	#58-5432	#59-5572	#60-5579
#61-5656	#62-5612	#63-5443	#64-5638	#65-5353	#66-5652	#67-5404	#68-5268	#69-5654	#70-5667
#71-5264	#72-5554	#73-5325	#74-5695	#75-5337	#76-5714	#77-5604	#78-5362	#79-5488	#80-5420
#81-5631	#82-5678	#83-5496	#84-5611	#85-5330	#86-5669	#87-5556	#88-5415	#89-5338	#90-5487
#91-5622	#92-5399	#93-5551	#94-5531	#95-5718	#96-5676	#97-5368	#98-5709	#99-5644	#100-5693

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Type 6 #28 [Back to Summary]									
#01-5285	#02-5295	#03-5577	#04-5269	#05-5469	#06-5284	#07-5506	#08-5444	#09-5512	#10-5320
#11-5671	#12-5521	#13-5669	#14-5402	#15-5675	#16-5701	#17-5361	#18-5559	#19-5551	#20-5417
#21-5331	#22-5714	#23-5650	#24-5405	#25-5291	#26-5585	#27-5723	#28-5509	#29-5697	#30-5389
#31-5588	#32-5621	#33-5445	#34-5523	#35-5386	#36-5587	#37-5348	#38-5481	#39-5396	#40-5301
#41-5412	#42-5372	#43-5635	#44-5273	#45-5548	#46-5353	#47-5462	#48-5414	#49-5596	#50-5265
#51-5566	#52-5543	#53-5409	#54-5480	#55-5615	#56-5298	#57-5367	#58-5426	#59-5704	#60-5611
#61-5283	#62-5719	#63-5471	#64-5370	#65-5457	#66-5299	#67-5325	#68-5397	#69-5261	#70-5338
#71-5606	#72-5605	#73-5419	#74-5504	#75-5254	#76-5682	#77-5330	#78-5631	#79-5583	#80-5663
#81-5376	#82-5563	#83-5644	#84-5683	#85-5550	#86-5296	#87-5468	#88-5691	#89-5637	#90-5343
#91-5474	#92-5652	#93-5503	#94-5515	#95-5264	#96-5422	#97-5629	#98-5518	#99-5544	#100-5499

Type 6 #29 [Back to Summary]									
#01-5279	#02-5316	#03-5399	#04-5508	#05-5391	#06-5687	#07-5381	#08-5631	#09-5475	#10-5656
#11-5695	#12-5463	#13-5565	#14-5290	#15-5486	#16-5447	#17-5328	#18-5515	#19-5546	#20-5411
#21-5558	#22-5357	#23-5485	#24-5647	#25-5592	#26-5676	#27-5346	#28-5623	#29-5487	#30-5566
#31-5301	#32-5536	#33-5333	#34-5329	#35-5635	#36-5305	#37-5414	#38-5384	#39-5543	#40-5590
#41-5641	#42-5560	#43-5465	#44-5706	#45-5370	#46-5255	#47-5336	#48-5462	#49-5275	#50-5544
#51-5340	#52-5367	#53-5698	#54-5386	#55-5671	#56-5648	#57-5557	#58-5477	#59-5642	#60-5438
#61-5589	#62-5482	#63-5396	#64-5634	#65-5604	#66-5408	#67-5377	#68-5489	#69-5379	#70-5429
#71-5282	#72-5670	#73-5699	#74-5682	#75-5499	#76-5722	#77-5614	#78-5505	#79-5525	#80-5583
#81-5588	#82-5609	#83-5596	#84-5668	#85-5469	#86-5662	#87-5561	#88-5677	#89-5378	#90-5713
#91-5467	#92-5659	#93-5457	#94-5345	#95-5250	#96-5403	#97-5410	#98-5552	#99-5344	#100-5690

Type 6 #30 [Back to Summary]									
#01-5601	#02-5574	#03-5331	#04-5572	#05-5506	#06-5394	#07-5393	#08-5265	#09-5613	#10-5673
#11-5280	#12-5302	#13-5677	#14-5308	#15-5573	#16-5704	#17-5611	#18-5451	#19-5410	#20-5665
#21-5564	#22-5428	#23-5350	#24-5395	#25-5679	#26-5347	#27-5452	#28-5593	#29-5682	#30-5339
#31-5555	#32-5309	#33-5405	#34-5558	#35-5709	#36-5263	#37-5526	#38-5272	#39-5414	#40-5330
#41-5517	#42-5547	#43-5315	#44-5441	#45-5684	#46-5426	#47-5712	#48-5413	#49-5502	#50-5271
#51-5521	#52-5687	#53-5398	#54-5412	#55-5371	#56-5429	#57-5479	#58-5659	#59-5622	#60-5409
#61-5667	#62-5525	#63-5310	#64-5523	#65-5362	#66-5697	#67-5624	#68-5364	#69-5323	#70-5560
#71-5431	#72-5590	#73-5289	#74-5328	#75-5400	#76-5267	#77-5367	#78-5637	#79-5445	#80-5507
#81-5363	#82-5288	#83-5343	#84-5657	#85-5546	#86-5600	#87-5638	#88-5719	#89-5448	#90-5536
#91-5513	#92-5592	#93-5377	#94-5251	#95-5386	#96-5718	#97-5490	#98-5518	#99-5324	#100-5711

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Type 5 #0 5290.00 [Back to Summary]

Burst 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	522928	96	0	0	400052	923076
2	1	5	814285	76	0	0	108715	923076
3	3	5	255987	77	1164	1047	664647	923076
4	1	5	43570	96	0	0	879410	923076
5	1	5	2762	90	0	0	920224	923076
6	2	5	837099	93	1398	0	84393	923076
7	1	5	890393	75	0	0	32608	923076
8	3	5	593191	78	1692	1908	326051	923076
9	2	5	307023	71	1532	0	614379	923076
10	3	5	737783	56	1662	1896	181567	923076
11	3	5	251939	66	1111	1661	668167	923076
12	3	5	713191	63	1374	1479	206843	923076
13	2	5	522749	88	1261	0	398890	923076

Type 5 #1 5255.60 [Back to Summary]

Burst 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	639797	96	1019	1179	857717	1500000
2	2	9	261193	94	1202	0	1237417	1500000
3	1	9	808250	67	0	0	691683	1500000
4	1	9	1263303	64	0	0	236633	1500000
5	3	9	761062	98	1346	1407	735891	1500000
6	1	9	1023066	53	0	0	476881	1500000
7	3	9	526668	98	1465	1391	1444182	1500000
8	1	9	58644	64	0	0	1441292	1500000

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Type 5 #2 5290.00 [Back to Summary]

Burst 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	119533	93	1380	0	1212234	1333333
2	1	8	315084	55	0	0	1018194	1333333
3	2	8	1038766	73	1434	0	292987	1333333
4	1	8	4572	70	0	0	1328691	1333333
5	2	8	258503	53	1913	0	1072811	1333333
6	2	8	1128423	67	1676	0	203100	1333333
7	1	8	583549	75	0	0	749709	1333333
8	1	8	145483	88	0	0	1187762	1333333
9	1	8	448607	99	0	0	884627	1333333

Type 5 #3 5254.00 [Back to Summary]

Burst 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	1294468	71	1317	1687	35648	1333333
2	3	14	332105	71	1501	1219	998295	1333333
3	3	14	170809	87	1569	1644	1159050	1333333
4	2	14	982088	71	1893	0	349210	1333333
5	3	14	1274123	51	1707	1500	55850	1333333
6	1	14	360371	75	0	0	972887	1333333
7	3	14	780335	75	933	1884	549956	1333333
8	3	14	693785	98	1535	1829	635890	1333333
9	1	14	848373	58	0	0	484902	1333333

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Type 5 #4 5257.20 [Back to Summary]

Burst 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	788322	92	1816	0	132754	923076
2	3	13	198625	84	1281	1627	721291	923076
3	1	13	70125	73	0	0	852878	923076
4	3	13	595887	99	1133	944	324815	923076
5	3	13	303791	77	1392	1751	615911	923076
6	3	13	841200	58	1814	1692	78196	923076
7	2	13	334279	86	1482	0	587143	923076
8	1	13	468612	82	0	0	454382	923076
9	2	13	885670	94	1635	0	35583	923076
10	1	13	192650	93	0	0	730333	923076
11	1	13	743927	89	0	0	179060	923076
12	3	13	503888	65	1374	963	416656	923076
13	3	13	291075	67	1772	1399	628629	923076

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	7	358322	71	1546	1841	238078	600000
2	1	7	399507	57	0	0	200436	600000
3	1	7	88072	87	0	0	511841	600000
4	3	7	191838	67	1644	1909	404408	600000
5	3	7	43970	50	1171	1874	552835	600000
6	1	7	37404	50	0	0	562546	600000
7	1	7	1279	52	0	0	598669	600000
8	2	7	149090	71	1521	0	449247	600000
9	1	7	315924	71	0	0	284005	600000
10	2	7	239854	59	1104	0	358924	600000
11	3	7	594144	100	1028	1390	3138	600000
12	1	7	547934	87	0	0	51979	600000
13	3	7	69397	92	1078	1879	527370	600000
14	2	7	419371	56	1808	0	178709	600000
15	2	7	479828	83	1379	0	118627	600000
16	3	7	134409	51	1667	992	462779	600000
17	3	7	543107	84	1090	1073	54478	600000
18	2	7	214063	71	1644	0	384151	600000
19	3	7	415757	95	1563	1155	181240	600000
20	2	7	179065	50	1321	0	419514	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	19	484821	67	1600	0	219327	705882
2	1	19	248896	61	0	0	456925	705882
3	3	19	559205	73	1760	1000	143698	705882
4	3	19	693563	86	1824	1036	9201	705882
5	1	19	356668	95	0	0	670119	705882
6	1	19	49164	83	0	0	656635	705882
7	3	19	508237	100	1512	1885	193948	705882
8	3	19	360833	64	1797	1260	341800	705882
9	2	19	340710	50	1382	0	363690	705882
10	3	19	329301	59	1392	1227	373785	705882
11	2	19	315843	59	1138	0	388783	705882
12	3	19	127637	81	1362	1812	574828	705882
13	2	19	597383	94	1221	0	107090	705882
14	2	19	506584	98	1380	0	197722	705882
15	2	19	694780	81	1089	0	9851	705882
16	3	19	434503	78	1396	1357	268392	705882
17	2	19	191610	76	1358	0	512762	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	16	754311	78	1238	0	101437	857142
2	2	16	700524	64	963	0	155527	857142
3	1	16	808884	99	0	0	48159	857142
4	3	16	160904	91	1785	1478	692702	857142
5	1	16	42217	73	0	0	814852	857142
6	1	16	482976	99	0	0	374067	857142
7	1	16	755176	67	0	0	101899	857142
8	2	16	729048	91	1031	0	126881	857142
9	2	16	690467	85	1157	0	165348	857142
10	3	16	419540	95	1247	1551	434519	857142
11	3	16	71308	81	1436	1785	782370	857142
12	2	16	78616	97	1480	0	776852	857142
13	3	16	509803	58	1089	1624	344452	857142
14	1	16	323157	70	0	0	533915	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	7	164178	67	1515	1879	582227	750000
2	2	7	241759	57	1825	0	506302	750000
3	3	7	11383	86	1482	1619	735258	750000
4	2	7	205737	66	1542	0	542589	750000
5	1	7	393730	90	0	0	356180	750000
6	2	7	705084	64	1047	0	43741	750000
7	2	7	323087	55	1605	0	425198	750000
8	2	7	317358	64	1216	0	431298	750000
9	2	7	148231	97	1492	0	600083	750000
10	3	7	678460	77	1815	1194	68300	750000
11	3	7	283423	87	1595	948	463773	750000
12	3	7	402228	71	1156	1793	344610	750000
13	3	7	101960	84	1458	1857	644473	750000
14	2	7	160856	87	956	0	588014	750000
15	1	7	152087	67	0	0	597846	750000
16	2	7	295844	77	1086	0	452916	750000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	11	89699	98	0	0	576869	666666
2	3	11	477532	70	1456	1647	185821	666666
3	1	11	179490	75	0	0	487101	666666
4	3	11	352926	67	1539	1910	310090	666666
5	2	11	534715	78	1446	0	130349	666666
6	1	11	88906	97	0	0	577663	666666
7	3	11	602043	72	1397	1627	61383	666666
8	3	11	260877	74	1889	1667	402011	666666
9	1	11	12274	82	0	0	654310	666666
10	3	11	53287	98	1197	1181	610707	666666
11	2	11	318798	59	1240	0	346510	666666
12	1	11	429940	93	0	0	236633	666666
13	2	11	181604	90	1738	0	483144	666666
14	1	11	241175	51	0	0	425440	666666
15	1	11	429115	94	0	0	237457	666666
16	1	11	610782	57	0	0	55827	666666
17	1	11	248244	75	0	0	418347	666666
18	1	11	539035	94	0	0	127537	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	11	372392	80	1348	1321	224699	600000
2	1	11	362382	66	0	0	237552	600000
3	3	11	161788	91	1795	1623	434521	600000
4	2	11	517156	55	980	0	81754	600000
5	3	11	207371	86	1477	919	389975	600000
6	1	11	545105	63	0	0	54832	600000
7	2	11	254312	50	1205	0	344383	600000
8	1	11	147961	97	0	0	451942	600000
9	3	11	63715	66	1469	1458	533160	600000
10	1	11	60648	81	0	0	539271	600000
11	2	11	45417	89	1684	0	552721	600000
12	3	11	164986	94	1772	1302	431658	600000
13	3	11	471646	52	1644	1222	125332	600000
14	3	11	195436	82	1899	1455	400964	600000
15	1	11	596211	53	0	0	3736	600000
16	1	11	444224	72	0	0	155704	600000
17	3	11	54759	97	1629	1041	542280	600000
18	1	11	325604	63	0	0	274333	600000
19	3	11	168120	53	1918	1109	428694	600000
20	1	11	189986	92	0	0	409922	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	6	226823	52	1044	1390	570587	800000
2	3	6	325825	77	1616	1919	470409	800000
3	2	6	154811	77	1797	0	643238	800000
4	2	6	239978	59	1399	0	558505	800000
5	3	6	721521	56	1885	1135	75291	800000
6	1	6	152621	98	0	0	647281	800000
7	1	6	694214	59	0	0	105727	800000
8	1	6	645748	82	0	0	154170	800000
9	2	6	685820	86	1764	0	112244	800000
10	2	6	326208	87	1195	0	472423	800000
11	3	6	548597	64	1709	1026	248476	800000
12	1	6	401543	100	0	0	398357	800000
13	1	6	780355	90	0	0	19555	800000
14	2	6	646224	91	1373	0	152221	800000
15	1	6	688378	91	0	0	111531	800000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	895977	87	0	0	103936	1000000
2	1	16	770005	91	0	0	229904	1000000
3	2	16	124179	93	974	0	874661	1000000
4	2	16	57016	55	1502	0	941372	1000000
5	1	16	742088	59	0	0	257853	1000000
6	2	16	388740	71	983	0	610135	1000000
7	1	16	586481	81	0	0	413438	1000000
8	1	16	771297	71	0	0	228632	1000000
9	2	16	817037	90	1638	0	181145	1000000
10	1	16	436565	66	0	0	563369	1000000
11	3	16	755907	64	1840	1299	240762	1000000
12	2	16	659776	89	1577	0	338469	1000000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	11	231300	74	0	0	859535	1090909
2	2	11	283674	97	1257	0	805784	1090909
3	3	11	288611	82	1513	1668	798871	1090909
4	1	11	982444	66	0	0	108399	1090909
5	2	11	252993	78	1482	0	836278	1090909
6	2	11	885564	74	1780	0	203417	1090909
7	3	11	51069	86	944	1426	1037212	1090909
8	1	11	434416	51	0	0	656442	1090909
9	2	11	30764	58	1118	0	1058911	1090909
10	2	11	537036	62	1551	0	552198	1090909
11	1	11	835213	72	0	0	255624	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	11	1016678	65	1091	1773	71172	1090909
2	1	11	478526	65	0	0	612318	1090909
3	1	11	90863	95	0	0	999951	1090909
4	3	11	594872	98	1716	1687	492340	1090909
5	1	11	579887	87	0	0	510935	1090909
6	2	11	393068	56	1237	0	696492	1090909
7	2	11	828566	69	1921	0	260284	1090909
8	3	11	504123	87	1783	1591	583151	1090909
9	1	11	804519	93	0	0	286297	1090909
10	3	11	579396	87	1138	1823	508291	1090909
11	1	11	238356	81	0	0	852472	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	14	1133581	74	1480	1637	363080	1500000
2	3	14	1347670	98	954	1684	149398	1500000
3	2	14	367683	63	1513	0	1130678	1500000
4	1	14	549070	66	0	0	950864	1500000
5	2	14	423878	54	1810	0	1074204	1500000
6	3	14	1110342	69	1231	1696	386524	1500000
7	3	14	473447	86	1173	1910	1023212	1500000
8	3	14	1025716	86	1832	1151	471043	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	3	11	1267768	60	1888	1897	61600	1333333
2	2	11	643993	63	1613	0	687601	1333333
3	2	11	1072763	89	1339	0	259053	1333333
4	2	11	52799	55	1232	0	1279192	1333333
5	1	11	936145	97	0	0	397091	1333333
6	2	11	867705	97	1518	0	463916	1333333
7	2	11	32823	61	1432	0	1298956	1333333
8	1	11	1161711	100	0	0	171522	1333333
9	2	11	56510	64	1718	0	1274977	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	11	200815	61	1478	1840	718760	923076
2	3	11	256157	75	1014	1635	664045	923076
3	2	11	290699	62	962	0	631291	923076
4	2	11	919477	67	1189	0	2276	923076
5	1	11	751046	83	0	0	171947	923076
6	3	11	319808	62	944	1510	600628	923076
7	3	11	580522	50	1303	1252	339849	923076
8	3	11	371154	72	1660	929	549117	923076
9	1	11	175169	90	0	0	747817	923076
10	2	11	407975	66	1744	0	513225	923076
11	3	11	176456	56	1897	1906	742649	923076
12	1	11	91088	65	0	0	831923	923076
13	2	11	511853	76	1321	0	409750	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	15	871694	86	0	0	51296	923076
2	3	15	322461	79	1917	1793	596668	923076
3	2	15	68990	69	1680	0	852268	923076
4	1	15	61215	88	0	0	861773	923076
5	3	15	577090	99	1242	1340	343107	923076
6	1	15	563224	54	0	0	359798	923076
7	3	15	434018	98	1774	1687	485303	923076
8	2	15	214932	64	1474	0	706542	923076
9	2	15	596891	94	1516	0	324481	923076
10	3	15	695917	78	945	1271	224709	923076
11	2	15	573805	66	1364	0	347775	923076
12	2	15	454857	62	1706	0	466389	923076
13	3	15	474033	69	1330	1069	446437	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	9	537945	74	0	0	61981	600000
2	2	9	191569	92	1015	0	407232	600000
3	3	9	363941	90	1485	1188	233116	600000
4	1	9	44643	56	0	0	555301	600000
5	1	9	131362	68	0	0	468570	600000
6	1	9	443647	77	0	0	156276	600000
7	3	9	110732	74	1137	1435	486474	600000
8	2	9	514109	77	1511	0	84226	600000
9	1	9	193361	75	0	0	406564	600000
10	1	9	234301	83	0	0	365616	600000
11	1	9	75078	61	0	0	524861	600000
12	3	9	254940	96	1223	1498	342051	600000
13	1	9	358010	87	0	0	241903	600000
14	1	9	135384	78	0	0	464538	600000
15	2	9	445261	64	1898	0	152713	600000
16	1	9	241266	84	0	0	358650	600000
17	2	9	340719	90	1457	0	257644	600000
18	2	9	258875	58	1466	0	339543	600000
19	2	9	518546	62	1383	0	79947	600000
20	1	9	516887	55	0	0	83058	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	12	65901	70	1628	0	789473	857142
2	1	12	197383	58	0	0	659701	857142
3	2	12	430831	61	1525	0	424664	857142
4	2	12	587478	76	1805	0	267707	857142
5	1	12	488434	59	0	0	368649	857142
6	1	12	183830	63	0	0	673249	857142
7	3	12	692097	94	1544	1675	161544	857142
8	3	12	401029	96	1859	1238	452728	857142
9	2	12	44917	70	1278	0	810807	857142
10	1	12	687173	96	0	0	169873	857142
11	3	12	610491	67	1159	1538	243753	857142
12	1	12	610979	74	0	0	246089	857142
13	2	12	662644	54	1282	0	193108	857142
14	1	12	550286	92	0	0	306764	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	2	10	273172	66	1161	0	392201	666666
2	1	10	447250	87	0	0	219329	666666
3	2	10	274537	96	1241	0	390696	666666
4	3	10	63814	77	1335	1087	600199	666666
5	2	10	601385	72	1169	0	63968	666666
6	2	10	39892	76	1658	0	624964	666666
7	1	10	549856	88	0	0	116722	666666
8	1	10	153240	82	0	0	513344	666666
9	3	10	210268	68	1568	1737	452889	666666
10	3	10	160424	53	1449	1402	503232	666666
11	3	10	108871	71	1475	1314	554793	666666
12	3	10	444166	66	963	1657	219682	666666
13	3	10	340135	81	1074	1018	324196	666666
14	1	10	170221	62	0	0	496383	666666
15	2	10	416860	91	1715	0	247909	666666
16	1	10	419135	72	0	0	247459	666666
17	1	10	171638	81	0	0	494947	666666
18	3	10	440438	74	1366	967	223673	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	11	178344	90	1215	1596	741651	923076
2	1	11	221552	82	0	0	701442	923076
3	1	11	505036	61	0	0	417979	923076
4	3	11	880649	74	1506	1463	39236	923076
5	3	11	421141	74	1627	979	499107	923076
6	2	11	66738	75	1308	0	854880	923076
7	1	11	322143	79	0	0	600854	923076
8	3	11	1214	58	1061	1375	919252	923076
9	3	11	9747	94	1633	1305	910109	923076
10	3	11	464368	99	1193	1761	455457	923076
11	3	11	231662	78	1307	1857	688016	923076
12	1	11	886750	92	0	0	36234	923076
13	2	11	151791	58	1583	0	769586	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	14	552230	65	0	0	647705	1200000
2	1	14	746280	98	0	0	453622	1200000
3	1	14	536406	99	0	0	663495	1200000
4	2	14	254935	76	1014	0	943899	1200000
5	2	14	510973	94	1837	0	687002	1200000
6	1	14	711367	78	0	0	488555	1200000
7	2	14	714183	92	1129	0	484504	1200000
8	3	14	818109	93	1871	1588	378153	1200000
9	2	14	954169	70	1406	0	244285	1200000
10	2	14	236306	98	1683	0	961815	1200000

Type 5 #24 5325.20 [Back to Summary]

Burst 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	282236	75	0	0	317689	600000
2	3	9	26459	70	1516	1005	570810	600000
3	2	12	204769	76	1166	0	393913	600000
4	3	19	334364	69	1532	1062	262835	600000
5	1	18	155433	70	0	0	444497	600000
6	1	7	32444	64	0	0	567492	600000
7	1	6	237330	99	0	0	362571	600000
8	2	17	75044	79	1187	0	523611	600000
9	3	8	381800	72	1305	1534	215145	600000
10	3	9	347172	95	1139	1359	250045	600000
11	2	7	262135	85	981	0	336714	600000
12	1	7	126809	54	0	0	473137	600000
13	2	7	478526	56	1476	0	119886	600000
14	1	6	595365	73	0	0	4562	600000
15	3	13	96925	78	1175	1830	499836	600000
16	3	11	219931	59	1708	1924	376260	600000
17	3	15	158416	52	1421	1641	438366	600000
18	3	5	74186	66	1242	1629	522745	600000
19	3	10	481307	67	1045	1779	115668	600000
20	2	17	336692	68	1214	0	261958	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	17	11115	66	0	0	620397	631578
2	1	17	203679	63	0	0	427836	631578
3	1	17	49387	92	0	0	582099	631578
4	2	17	332852	53	1759	0	296861	631578
5	3	17	212942	98	1766	1303	415273	631578
6	2	17	376139	93	1244	0	254009	631578
7	1	17	356034	81	0	0	275463	631578
8	2	17	297418	90	1273	0	332707	631578
9	3	17	606590	57	1393	1315	22109	631578
10	1	17	417131	77	0	0	214370	631578
11	3	17	210210	85	1759	1904	417450	631578
12	1	17	625483	51	0	0	6044	631578
13	1	17	579930	58	0	0	51590	631578
14	1	17	156922	56	0	0	474600	631578
15	1	17	405763	80	0	0	225735	631578
16	3	17	574512	67	1570	1090	54205	631578
17	2	17	387211	72	964	0	243259	631578
18	1	17	287226	78	0	0	344274	631578
19	3	17	478156	80	1206	1672	150304	631578

Type 5 #26 5326.00 [Back to Summary]

Burst 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	871687	87	0	0	128226	1000000
2	1	5	822980	62	0	0	176958	1000000
3	1	5	144086	82	0	0	855832	1000000
4	3	5	284433	70	1282	1108	712967	1000000
5	2	5	553560	61	1126	0	445192	1000000
6	1	5	662804	68	0	0	337128	1000000
7	3	5	878790	82	1225	1834	117905	1000000
8	2	5	284728	54	1841	0	713323	1000000
9	3	5	969267	62	1382	1682	27483	1000000
10	1	5	44879	70	0	0	955051	1000000
11	2	5	210836	62	938	0	788102	1000000
12	2	5	448168	83	1107	0	550559	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	15	285783	80	1099	1201	568819	857142
2	1	15	272890	63	0	0	584189	857142
3	2	15	259839	73	1486	0	595671	857142
4	1	15	498670	64	0	0	358408	857142
5	1	15	529625	99	0	0	327418	857142
6	1	15	262733	69	0	0	594340	857142
7	3	15	380814	67	963	1615	473549	857142
8	3	15	394917	96	1290	1169	459478	857142
9	2	15	621681	52	1303	0	234054	857142
10	1	15	378362	90	0	0	478690	857142
11	3	15	234758	67	1551	1541	619091	857142
12	2	15	675209	70	1321	0	180472	857142
13	1	15	790070	51	0	0	67021	857142
14	3	15	561719	64	947	1047	293237	857142

Type 5 #28 5256.80 [Back to Summary]

Burst 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	611018	50	1894	1081	135857	750000
2	1	12	446327	95	0	0	303578	750000
3	3	12	307763	94	1906	1254	438795	750000
4	1	12	376553	58	0	0	373389	750000
5	3	12	499464	100	1041	1510	247685	750000
6	1	12	383118	74	0	0	366808	750000
7	3	12	267382	52	1197	1476	479789	750000
8	2	12	248037	83	1641	0	500156	750000
9	1	12	388706	67	0	0	361227	750000
10	1	12	388555	79	0	0	361366	750000
11	3	12	736202	80	1792	1075	10691	750000
12	3	12	445383	77	1256	1386	301744	750000
13	2	12	564698	73	1739	0	183417	750000
14	1	12	742761	77	0	0	7162	750000
15	3	12	441059	70	1446	1100	306185	750000
16	2	12	68789	64	1383	0	679700	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	18	684767	78	1865	1098	402945	1090909
2	1	18	869130	86	0	0	221693	1090909
3	1	18	819301	84	0	0	271524	1090909
4	2	18	89474	90	1674	0	999581	1090909
5	1	18	109406	73	0	0	981430	1090909
6	1	18	1073705	91	0	0	17113	1090909
7	2	18	965694	58	1158	0	123941	1090909
8	2	18	692190	65	1827	0	396762	1090909
9	3	18	185547	79	1205	1683	902237	1090909
10	3	18	1046171	54	1334	1365	41877	1090909
11	3	18	922777	95	1270	967	165610	1090909

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Type 6 #1 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5460	#02-5469	#03-5592	#04-5311	#05-5639	#06-5556	#07-5662	#08-5511	#09-5517	#10-5525
#11-5461	#12-5396	#13-5644	#14-5316	#15-5600	#16-5321	#17-5493	#18-5337	#19-5549	#20-5603
#21-5577	#22-5419	#23-5307	#24-5302	#25-5471	#26-5709	#27-5518	#28-5456	#29-5384	#30-5497
#31-5463	#32-5329	#33-5453	#34-5684	#35-5601	#36-5610	#37-5632	#38-5447	#39-5350	#40-5538
#41-5439	#42-5551	#43-5268	#44-5514	#45-5382	#46-5356	#47-5593	#48-5433	#49-5570	#50-5598
#51-5400	#52-5325	#53-5290	#54-5411	#55-5540	#56-5564	#57-5655	#58-5288	#59-5377	#60-5348
#61-5688	#62-5250	#63-5431	#64-5712	#65-5362	#66-5616	#67-5452	#68-5641	#69-5406	#70-5477
#71-5606	#72-5475	#73-5444	#74-5385	#75-5349	#76-5515	#77-5710	#78-5573	#79-5623	#80-5720
#81-5387	#82-5289	#83-5292	#84-5393	#85-5286	#86-5679	#87-5594	#88-5716	#89-5697	#90-5333
#91-5587	#92-5395	#93-5481	#94-5542	#95-5367	#96-5681	#97-5719	#98-5572	#99-5409	#100-5543

Type 6 #2 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5314	#02-5362	#03-5461	#04-5627	#05-5356	#06-5586	#07-5507	#08-5254	#09-5293	#10-5672
#11-5354	#12-5694	#13-5579	#14-5498	#15-5297	#16-5415	#17-5504	#18-5416	#19-5510	#20-5612
#21-5434	#22-5361	#23-5715	#24-5389	#25-5284	#26-5418	#27-5455	#28-5667	#29-5251	#30-5540
#31-5605	#32-5473	#33-5329	#34-5649	#35-5468	#36-5692	#37-5609	#38-5326	#39-5550	#40-5523
#41-5264	#42-5290	#43-5447	#44-5580	#45-5512	#46-5687	#47-5594	#48-5634	#49-5553	#50-5318
#51-5717	#52-5283	#53-5426	#54-5653	#55-5350	#56-5636	#57-5691	#58-5552	#59-5669	#60-5301
#61-5372	#62-5253	#63-5478	#64-5317	#65-5614	#66-5655	#67-5279	#68-5330	#69-5530	#70-5393
#71-5339	#72-5684	#73-5419	#74-5320	#75-5518	#76-5534	#77-5497	#78-5456	#79-5282	#80-5422
#81-5471	#82-5440	#83-5721	#84-5368	#85-5305	#86-5642	#87-5533	#88-5382	#89-5400	#90-5260
#91-5536	#92-5379	#93-5700	#94-5622	#95-5281	#96-5564	#97-5554	#98-5273	#99-5650	#100-5323

Type 6 #3 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5336	#02-5483	#03-5279	#04-5368	#05-5407	#06-5305	#07-5463	#08-5440	#09-5340	#10-5555
#11-5256	#12-5430	#13-5415	#14-5712	#15-5659	#16-5636	#17-5274	#18-5613	#19-5584	#20-5682
#21-5436	#22-5664	#23-5408	#24-5509	#25-5388	#26-5559	#27-5599	#28-5424	#29-5271	#30-5453
#31-5399	#32-5546	#33-5709	#34-5367	#35-5540	#36-5487	#37-5339	#38-5662	#39-5485	#40-5478
#41-5644	#42-5308	#43-5310	#44-5429	#45-5529	#46-5673	#47-5534	#48-5634	#49-5347	#50-5653
#51-5385	#52-5315	#53-5670	#54-5612	#55-5397	#56-5324	#57-5494	#58-5704	#59-5573	#60-5288
#61-5419	#62-5611	#63-5406	#64-5435	#65-5445	#66-5298	#67-5421	#68-5547	#69-5337	#70-5377
#71-5355	#72-5287	#73-5378	#74-5604	#75-5703	#76-5439	#77-5690	#78-5326	#79-5343	#80-5649
#81-5263	#82-5480	#83-5479	#84-5393	#85-5413	#86-5569	#87-5637	#88-5605	#89-5614	#90-5423
#91-5273	#92-5344	#93-5486	#94-5462	#95-5651	#96-5441	#97-5257	#98-5685	#99-5632	#100-5484

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Type 6 #4 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5518	#02-5345	#03-5515	#04-5514	#05-5548	#06-5464	#07-5686	#08-5325	#09-5687	#10-5392
#11-5679	#12-5407	#13-5543	#14-5278	#15-5257	#16-5703	#17-5380	#18-5465	#19-5306	#20-5489
#21-5430	#22-5680	#23-5609	#24-5512	#25-5477	#26-5400	#27-5712	#28-5457	#29-5256	#30-5520
#31-5381	#32-5720	#33-5599	#34-5317	#35-5303	#36-5417	#37-5338	#38-5558	#39-5643	#40-5538
#41-5461	#42-5605	#43-5390	#44-5320	#45-5668	#46-5434	#47-5377	#48-5311	#49-5516	#50-5628
#51-5475	#52-5389	#53-5631	#54-5552	#55-5286	#56-5536	#57-5337	#58-5480	#59-5386	#60-5409
#61-5276	#62-5547	#63-5403	#64-5664	#65-5649	#66-5473	#67-5488	#68-5675	#69-5693	#70-5469
#71-5615	#72-5569	#73-5293	#74-5481	#75-5584	#76-5395	#77-5617	#78-5630	#79-5250	#80-5511
#81-5653	#82-5397	#83-5589	#84-5301	#85-5571	#86-5356	#87-5450	#88-5706	#89-5468	#90-5705
#91-5294	#92-5370	#93-5280	#94-5704	#95-5453	#96-5349	#97-5405	#98-5711	#99-5369	#100-5313

Type 6 #5 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5411	#02-5662	#03-5442	#04-5669	#05-5305	#06-5477	#07-5334	#08-5646	#09-5516	#10-5370
#11-5547	#12-5616	#13-5261	#14-5502	#15-5347	#16-5325	#17-5626	#18-5382	#19-5474	#20-5711
#21-5581	#22-5488	#23-5571	#24-5448	#25-5262	#26-5501	#27-5381	#28-5296	#29-5462	#30-5643
#31-5680	#32-5392	#33-5589	#34-5710	#35-5652	#36-5584	#37-5627	#38-5300	#39-5697	#40-5622
#41-5439	#42-5649	#43-5548	#44-5388	#45-5692	#46-5676	#47-5251	#48-5313	#49-5503	#50-5579
#51-5544	#52-5457	#53-5648	#54-5340	#55-5718	#56-5656	#57-5528	#58-5346	#59-5288	#60-5304
#61-5451	#62-5591	#63-5397	#64-5420	#65-5466	#66-5724	#67-5331	#68-5339	#69-5284	#70-5299
#71-5624	#72-5599	#73-5534	#74-5430	#75-5294	#76-5683	#77-5314	#78-5386	#79-5259	#80-5312
#81-5561	#82-5696	#83-5496	#84-5601	#85-5583	#86-5701	#87-5384	#88-5447	#89-5682	#90-5639
#91-5545	#92-5409	#93-5556	#94-5572	#95-5498	#96-5292	#97-5422	#98-5598	#99-5419	#100-5343

Type 6 #6 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5306	#02-5719	#03-5640	#04-5718	#05-5558	#06-5346	#07-5387	#08-5454	#09-5464	#10-5265
#11-5453	#12-5583	#13-5599	#14-5278	#15-5559	#16-5625	#17-5481	#18-5308	#19-5639	#20-5448
#21-5666	#22-5685	#23-5713	#24-5271	#25-5462	#26-5414	#27-5429	#28-5540	#29-5343	#30-5691
#31-5684	#32-5438	#33-5392	#34-5497	#35-5502	#36-5686	#37-5589	#38-5288	#39-5310	#40-5477
#41-5424	#42-5530	#43-5680	#44-5698	#45-5697	#46-5475	#47-5664	#48-5536	#49-5364	#50-5695
#51-5401	#52-5255	#53-5619	#54-5506	#55-5394	#56-5641	#57-5571	#58-5361	#59-5498	#60-5305
#61-5440	#62-5352	#63-5616	#64-5601	#65-5388	#66-5439	#67-5510	#68-5433	#69-5315	#70-5489
#71-5442	#72-5679	#73-5676	#74-5405	#75-5570	#76-5479	#77-5422	#78-5345	#79-5542	#80-5496
#81-5316	#82-5333	#83-5722	#84-5372	#85-5366	#86-5650	#87-5474	#88-5665	#89-5507	#90-5594
#91-5360	#92-5607	#93-5452	#94-5645	#95-5447	#96-5332	#97-5557	#98-5687	#99-5560	#100-5547

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #7 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5554	#02-5266	#03-5676	#04-5687	#05-5694	#06-5409	#07-5343	#08-5460	#09-5510	#10-5268
#11-5257	#12-5547	#13-5535	#14-5597	#15-5532	#16-5643	#17-5479	#18-5648	#19-5322	#20-5585
#21-5683	#22-5375	#23-5707	#24-5572	#25-5568	#26-5719	#27-5473	#28-5484	#29-5372	#30-5396
#31-5589	#32-5382	#33-5706	#34-5674	#35-5487	#36-5317	#37-5296	#38-5410	#39-5494	#40-5681
#41-5557	#42-5264	#43-5404	#44-5488	#45-5587	#46-5538	#47-5321	#48-5579	#49-5362	#50-5529
#51-5578	#52-5633	#53-5615	#54-5700	#55-5588	#56-5429	#57-5284	#58-5354	#59-5368	#60-5660
#61-5583	#62-5337	#63-5363	#64-5403	#65-5599	#66-5565	#67-5586	#68-5360	#69-5465	#70-5319
#71-5365	#72-5277	#73-5669	#74-5695	#75-5468	#76-5710	#77-5279	#78-5647	#79-5619	#80-5371
#81-5567	#82-5543	#83-5491	#84-5255	#85-5335	#86-5308	#87-5283	#88-5666	#89-5291	#90-5519
#91-5271	#92-5699	#93-5651	#94-5290	#95-5334	#96-5712	#97-5697	#98-5469	#99-5622	#100-5657

Type 6 #8 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5509	#02-5479	#03-5500	#04-5673	#05-5644	#06-5458	#07-5540	#08-5369	#09-5339	#10-5302
#11-5291	#12-5461	#13-5494	#14-5545	#15-5447	#16-5357	#17-5560	#18-5501	#19-5432	#20-5655
#21-5277	#22-5609	#23-5344	#24-5303	#25-5267	#26-5654	#27-5384	#28-5722	#29-5306	#30-5437
#31-5400	#32-5474	#33-5635	#34-5284	#35-5452	#36-5716	#37-5416	#38-5574	#39-5467	#40-5547
#41-5677	#42-5466	#43-5704	#44-5487	#45-5407	#46-5470	#47-5612	#48-5604	#49-5387	#50-5684
#51-5440	#52-5252	#53-5481	#54-5594	#55-5406	#56-5620	#57-5626	#58-5529	#59-5371	#60-5282
#61-5590	#62-5616	#63-5712	#64-5584	#65-5511	#66-5720	#67-5366	#68-5503	#69-5334	#70-5689
#71-5325	#72-5393	#73-5364	#74-5585	#75-5433	#76-5496	#77-5368	#78-5478	#79-5708	#80-5633
#81-5527	#82-5582	#83-5411	#84-5514	#85-5295	#86-5311	#87-5426	#88-5601	#89-5337	#90-5548
#91-5617	#92-5488	#93-5608	#94-5599	#95-5688	#96-5475	#97-5619	#98-5451	#99-5329	#100-5345

Type 6 #9 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5634	#02-5253	#03-5362	#04-5633	#05-5678	#06-5675	#07-5708	#08-5388	#09-5530	#10-5341
#11-5545	#12-5407	#13-5627	#14-5656	#15-5405	#16-5517	#17-5276	#18-5290	#19-5286	#20-5474
#21-5604	#22-5605	#23-5285	#24-5603	#25-5269	#26-5533	#27-5263	#28-5371	#29-5380	#30-5519
#31-5331	#32-5472	#33-5401	#34-5423	#35-5531	#36-5488	#37-5429	#38-5547	#39-5597	#40-5700
#41-5479	#42-5682	#43-5516	#44-5304	#45-5573	#46-5688	#47-5250	#48-5659	#49-5264	#50-5289
#51-5254	#52-5595	#53-5280	#54-5373	#55-5327	#56-5483	#57-5613	#58-5394	#59-5661	#60-5587
#61-5257	#62-5261	#63-5260	#64-5322	#65-5457	#66-5475	#67-5599	#68-5278	#69-5572	#70-5468
#71-5414	#72-5498	#73-5375	#74-5647	#75-5493	#76-5549	#77-5462	#78-5685	#79-5300	#80-5445
#81-5504	#82-5292	#83-5467	#84-5329	#85-5299	#86-5454	#87-5540	#88-5402	#89-5660	#90-5363
#91-5471	#92-5670	#93-5506	#94-5706	#95-5324	#96-5347	#97-5631	#98-5417	#99-5546	#100-5565

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #10 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5346	#02-5629	#03-5450	#04-5558	#05-5659	#06-5400	#07-5434	#08-5610	#09-5465	#10-5536
#11-5481	#12-5692	#13-5580	#14-5377	#15-5354	#16-5433	#17-5394	#18-5273	#19-5281	#20-5315
#21-5478	#22-5385	#23-5628	#24-5702	#25-5711	#26-5567	#27-5388	#28-5587	#29-5571	#30-5720
#31-5539	#32-5337	#33-5470	#34-5627	#35-5707	#36-5466	#37-5574	#38-5620	#39-5320	#40-5390
#41-5299	#42-5622	#43-5438	#44-5538	#45-5376	#46-5671	#47-5717	#48-5271	#49-5705	#50-5607
#51-5480	#52-5336	#53-5686	#54-5251	#55-5473	#56-5572	#57-5341	#58-5262	#59-5289	#60-5722
#61-5393	#62-5471	#63-5677	#64-5612	#65-5583	#66-5499	#67-5616	#68-5347	#69-5429	#70-5488
#71-5694	#72-5513	#73-5422	#74-5441	#75-5442	#76-5594	#77-5549	#78-5264	#79-5656	#80-5715
#81-5540	#82-5351	#83-5298	#84-5704	#85-5378	#86-5371	#87-5260	#88-5401	#89-5662	#90-5295
#91-5317	#92-5423	#93-5526	#94-5355	#95-5412	#96-5456	#97-5655	#98-5494	#99-5382	#100-5632

Type 6 #11 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5448	#02-5281	#03-5685	#04-5399	#05-5624	#06-5544	#07-5701	#08-5464	#09-5456	#10-5315
#11-5441	#12-5481	#13-5386	#14-5373	#15-5396	#16-5482	#17-5451	#18-5698	#19-5488	#20-5419
#21-5336	#22-5467	#23-5355	#24-5267	#25-5640	#26-5489	#27-5387	#28-5533	#29-5251	#30-5432
#31-5582	#32-5633	#33-5548	#34-5433	#35-5391	#36-5623	#37-5329	#38-5558	#39-5394	#40-5520
#41-5670	#42-5596	#43-5578	#44-5560	#45-5286	#46-5403	#47-5683	#48-5655	#49-5255	#50-5682
#51-5256	#52-5405	#53-5463	#54-5362	#55-5724	#56-5293	#57-5607	#58-5629	#59-5462	#60-5327
#61-5648	#62-5314	#63-5258	#64-5478	#65-5550	#66-5687	#67-5340	#68-5552	#69-5618	#70-5654
#71-5557	#72-5390	#73-5410	#74-5614	#75-5705	#76-5487	#77-5530	#78-5527	#79-5294	#80-5426
#81-5420	#82-5436	#83-5649	#84-5580	#85-5447	#86-5653	#87-5656	#88-5442	#89-5272	#90-5531
#91-5570	#92-5661	#93-5720	#94-5565	#95-5427	#96-5313	#97-5326	#98-5573	#99-5564	#100-5696

Type 6 #12 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5564	#02-5577	#03-5498	#04-5626	#05-5392	#06-5656	#07-5596	#08-5370	#09-5270	#10-5556
#11-5447	#12-5307	#13-5364	#14-5503	#15-5416	#16-5697	#17-5420	#18-5251	#19-5625	#20-5430
#21-5367	#22-5604	#23-5293	#24-5583	#25-5422	#26-5634	#27-5535	#28-5616	#29-5350	#30-5705
#31-5578	#32-5581	#33-5464	#34-5594	#35-5321	#36-5331	#37-5546	#38-5511	#39-5250	#40-5571
#41-5627	#42-5263	#43-5463	#44-5475	#45-5466	#46-5398	#47-5455	#48-5617	#49-5324	#50-5672
#51-5383	#52-5579	#53-5685	#54-5533	#55-5639	#56-5453	#57-5483	#58-5371	#59-5704	#60-5269
#61-5289	#62-5456	#63-5451	#64-5344	#65-5615	#66-5599	#67-5584	#68-5342	#69-5280	#70-5369
#71-5671	#72-5318	#73-5467	#74-5620	#75-5337	#76-5275	#77-5630	#78-5609	#79-5512	#80-5278
#81-5603	#82-5591	#83-5608	#84-5471	#85-5532	#86-5274	#87-5563	#88-5557	#89-5304	#90-5268
#91-5585	#92-5296	#93-5524	#94-5365	#95-5592	#96-5520	#97-5507	#98-5312	#99-5303	#100-5487

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**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #13 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5374	#02-5677	#03-5430	#04-5688	#05-5254	#06-5265	#07-5724	#08-5557	#09-5449	#10-5506
#11-5436	#12-5271	#13-5717	#14-5581	#15-5596	#16-5473	#17-5499	#18-5647	#19-5485	#20-5413
#21-5306	#22-5319	#23-5415	#24-5583	#25-5494	#26-5292	#27-5259	#28-5621	#29-5559	#30-5690
#31-5550	#32-5354	#33-5483	#34-5519	#35-5351	#36-5631	#37-5269	#38-5548	#39-5472	#40-5364
#41-5486	#42-5398	#43-5275	#44-5532	#45-5508	#46-5720	#47-5280	#48-5270	#49-5585	#50-5456
#51-5542	#52-5323	#53-5318	#54-5607	#55-5331	#56-5496	#57-5682	#58-5552	#59-5672	#60-5470
#61-5445	#62-5612	#63-5347	#64-5327	#65-5371	#66-5593	#67-5627	#68-5283	#69-5653	#70-5666
#71-5266	#72-5558	#73-5365	#74-5710	#75-5296	#76-5703	#77-5601	#78-5699	#79-5484	#80-5258
#81-5281	#82-5636	#83-5336	#84-5527	#85-5663	#86-5302	#87-5599	#88-5648	#89-5536	#90-5539
#91-5652	#92-5554	#93-5645	#94-5411	#95-5642	#96-5633	#97-5401	#98-5683	#99-5423	#100-5614

Type 6 #14 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5382	#02-5376	#03-5299	#04-5723	#05-5520	#06-5691	#07-5510	#08-5635	#09-5569	#10-5676
#11-5697	#12-5711	#13-5437	#14-5581	#15-5657	#16-5416	#17-5285	#18-5316	#19-5689	#20-5706
#21-5303	#22-5267	#23-5379	#24-5268	#25-5339	#26-5254	#27-5445	#28-5549	#29-5378	#30-5320
#31-5449	#32-5265	#33-5310	#34-5369	#35-5624	#36-5288	#37-5586	#38-5337	#39-5256	#40-5696
#41-5516	#42-5329	#43-5585	#44-5566	#45-5665	#46-5366	#47-5314	#48-5478	#49-5476	#50-5598
#51-5335	#52-5719	#53-5442	#54-5560	#55-5364	#56-5722	#57-5281	#58-5634	#59-5496	#60-5685
#61-5507	#62-5499	#63-5477	#64-5682	#65-5650	#66-5318	#67-5681	#68-5618	#69-5554	#70-5672
#71-5309	#72-5717	#73-5439	#74-5662	#75-5519	#76-5427	#77-5398	#78-5612	#79-5381	#80-5627
#81-5447	#82-5363	#83-5271	#84-5593	#85-5533	#86-5509	#87-5291	#88-5555	#89-5428	#90-5464
#91-5450	#92-5431	#93-5357	#94-5609	#95-5264	#96-5298	#97-5646	#98-5275	#99-5251	#100-5252

Type 6 #15 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5471	#02-5426	#03-5452	#04-5579	#05-5485	#06-5629	#07-5365	#08-5615	#09-5604	#10-5302
#11-5363	#12-5660	#13-5306	#14-5510	#15-5422	#16-5576	#17-5724	#18-5493	#19-5570	#20-5517
#21-5609	#22-5632	#23-5357	#24-5412	#25-5542	#26-5383	#27-5563	#28-5273	#29-5459	#30-5705
#31-5521	#32-5337	#33-5269	#34-5591	#35-5311	#36-5332	#37-5564	#38-5700	#39-5668	#40-5560
#41-5334	#42-5665	#43-5552	#44-5503	#45-5718	#46-5673	#47-5682	#48-5513	#49-5659	#50-5259
#51-5646	#52-5406	#53-5430	#54-5368	#55-5319	#56-5290	#57-5286	#58-5351	#59-5315	#60-5341
#61-5405	#62-5624	#63-5505	#64-5276	#65-5641	#66-5440	#67-5448	#68-5339	#69-5261	#70-5274
#71-5550	#72-5260	#73-5432	#74-5330	#75-5418	#76-5594	#77-5425	#78-5300	#79-5450	#80-5308
#81-5631	#82-5534	#83-5472	#84-5263	#85-5524	#86-5663	#87-5566	#88-5494	#89-5509	#90-5652
#91-5722	#92-5692	#93-5282	#94-5492	#95-5314	#96-5622	#97-5581	#98-5420	#99-5277	#100-5424

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**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #16 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5484	#02-5464	#03-5596	#04-5417	#05-5651	#06-5264	#07-5252	#08-5680	#09-5566	#10-5390
#11-5369	#12-5356	#13-5692	#14-5701	#15-5325	#16-5462	#17-5335	#18-5708	#19-5490	#20-5439
#21-5409	#22-5402	#23-5581	#24-5451	#25-5561	#26-5658	#27-5711	#28-5494	#29-5452	#30-5410
#31-5509	#32-5461	#33-5507	#34-5298	#35-5712	#36-5524	#37-5652	#38-5496	#39-5640	#40-5479
#41-5716	#42-5554	#43-5336	#44-5582	#45-5572	#46-5337	#47-5510	#48-5537	#49-5597	#50-5655
#51-5562	#52-5265	#53-5331	#54-5607	#55-5395	#56-5717	#57-5278	#58-5482	#59-5477	#60-5405
#61-5606	#62-5633	#63-5573	#64-5644	#65-5714	#66-5526	#67-5535	#68-5563	#69-5318	#70-5260
#71-5448	#72-5580	#73-5316	#74-5724	#75-5603	#76-5635	#77-5383	#78-5623	#79-5250	#80-5667
#81-5598	#82-5637	#83-5530	#84-5670	#85-5283	#86-5630	#87-5641	#88-5506	#89-5647	#90-5483
#91-5326	#92-5656	#93-5664	#94-5327	#95-5605	#96-5348	#97-5699	#98-5698	#99-5528	#100-5364

Type 6 #17 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5410	#02-5265	#03-5608	#04-5517	#05-5670	#06-5584	#07-5379	#08-5482	#09-5535	#10-5532
#11-5694	#12-5352	#13-5628	#14-5611	#15-5333	#16-5610	#17-5278	#18-5648	#19-5396	#20-5534
#21-5689	#22-5503	#23-5385	#24-5273	#25-5664	#26-5557	#27-5525	#28-5282	#29-5692	#30-5624
#31-5358	#32-5555	#33-5597	#34-5615	#35-5283	#36-5714	#37-5313	#38-5321	#39-5250	#40-5516
#41-5373	#42-5257	#43-5561	#44-5424	#45-5718	#46-5332	#47-5671	#48-5300	#49-5382	#50-5360
#51-5399	#52-5631	#53-5605	#54-5578	#55-5362	#56-5330	#57-5579	#58-5450	#59-5567	#60-5633
#61-5585	#62-5466	#63-5322	#64-5263	#65-5443	#66-5576	#67-5289	#68-5678	#69-5462	#70-5712
#71-5261	#72-5266	#73-5383	#74-5510	#75-5674	#76-5271	#77-5574	#78-5701	#79-5500	#80-5406
#81-5691	#82-5259	#83-5423	#84-5581	#85-5707	#86-5467	#87-5673	#88-5465	#89-5345	#90-5351
#91-5705	#92-5546	#93-5480	#94-5346	#95-5299	#96-5622	#97-5435	#98-5644	#99-5594	#100-5568

Type 6 #18 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5475	#02-5704	#03-5545	#04-5318	#05-5500	#06-5546	#07-5308	#08-5609	#09-5690	#10-5641
#11-5297	#12-5433	#13-5403	#14-5628	#15-5347	#16-5350	#17-5719	#18-5413	#19-5288	#20-5520
#21-5594	#22-5257	#23-5282	#24-5529	#25-5688	#26-5444	#27-5364	#28-5478	#29-5651	#30-5603
#31-5696	#32-5296	#33-5390	#34-5579	#35-5634	#36-5602	#37-5412	#38-5399	#39-5275	#40-5376
#41-5406	#42-5512	#43-5379	#44-5435	#45-5658	#46-5363	#47-5327	#48-5253	#49-5723	#50-5674
#51-5627	#52-5271	#53-5606	#54-5323	#55-5699	#56-5468	#57-5671	#58-5265	#59-5355	#60-5306
#61-5432	#62-5555	#63-5682	#64-5337	#65-5670	#66-5250	#67-5293	#68-5548	#69-5718	#70-5469
#71-5662	#72-5570	#73-5387	#74-5636	#75-5332	#76-5572	#77-5596	#78-5575	#79-5366	#80-5361
#81-5479	#82-5702	#83-5700	#84-5415	#85-5316	#86-5605	#87-5416	#88-5655	#89-5397	#90-5694
#91-5669	#92-5554	#93-5292	#94-5489	#95-5657	#96-5319	#97-5503	#98-5259	#99-5504	#100-5261

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #19 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5306	#02-5608	#03-5694	#04-5684	#05-5616	#06-5590	#07-5349	#08-5393	#09-5504	#10-5664
#11-5320	#12-5326	#13-5705	#14-5361	#15-5720	#16-5560	#17-5702	#18-5668	#19-5552	#20-5539
#21-5515	#22-5526	#23-5418	#24-5692	#25-5513	#26-5503	#27-5332	#28-5505	#29-5588	#30-5352
#31-5699	#32-5690	#33-5643	#34-5315	#35-5446	#36-5356	#37-5713	#38-5550	#39-5556	#40-5253
#41-5514	#42-5280	#43-5598	#44-5499	#45-5573	#46-5655	#47-5494	#48-5347	#49-5342	#50-5559
#51-5432	#52-5471	#53-5440	#54-5252	#55-5421	#56-5363	#57-5267	#58-5453	#59-5723	#60-5325
#61-5693	#62-5351	#63-5265	#64-5442	#65-5595	#66-5680	#67-5251	#68-5708	#69-5511	#70-5262
#71-5388	#72-5343	#73-5263	#74-5654	#75-5629	#76-5563	#77-5567	#78-5413	#79-5279	#80-5644
#81-5259	#82-5468	#83-5599	#84-5444	#85-5660	#86-5520	#87-5538	#88-5524	#89-5630	#90-5397
#91-5558	#92-5463	#93-5472	#94-5604	#95-5430	#96-5706	#97-5685	#98-5492	#99-5302	#100-5634

Type 6 #20 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5407	#02-5434	#03-5375	#04-5429	#05-5611	#06-5560	#07-5296	#08-5298	#09-5342	#10-5521
#11-5304	#12-5305	#13-5644	#14-5659	#15-5330	#16-5455	#17-5419	#18-5711	#19-5472	#20-5432
#21-5437	#22-5591	#23-5346	#24-5416	#25-5724	#26-5583	#27-5666	#28-5399	#29-5464	#30-5277
#31-5508	#32-5621	#33-5547	#34-5535	#35-5502	#36-5415	#37-5395	#38-5359	#39-5638	#40-5679
#41-5633	#42-5581	#43-5286	#44-5408	#45-5313	#46-5537	#47-5523	#48-5700	#49-5698	#50-5269
#51-5594	#52-5446	#53-5540	#54-5337	#55-5683	#56-5618	#57-5559	#58-5314	#59-5262	#60-5483
#61-5406	#62-5640	#63-5309	#64-5323	#65-5517	#66-5524	#67-5536	#68-5257	#69-5466	#70-5519
#71-5379	#72-5601	#73-5488	#74-5465	#75-5678	#76-5338	#77-5686	#78-5327	#79-5436	#80-5655
#81-5610	#82-5311	#83-5271	#84-5715	#85-5274	#86-5250	#87-5275	#88-5380	#89-5607	#90-5478
#91-5625	#92-5477	#93-5320	#94-5590	#95-5254	#96-5278	#97-5675	#98-5688	#99-5482	#100-5489

Type 6 #21 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5270	#02-5321	#03-5574	#04-5452	#05-5531	#06-5529	#07-5444	#08-5563	#09-5597	#10-5379
#11-5437	#12-5456	#13-5512	#14-5559	#15-5545	#16-5285	#17-5257	#18-5441	#19-5565	#20-5724
#21-5718	#22-5572	#23-5712	#24-5635	#25-5374	#26-5607	#27-5473	#28-5682	#29-5298	#30-5485
#31-5692	#32-5378	#33-5547	#34-5716	#35-5675	#36-5391	#37-5546	#38-5443	#39-5470	#40-5658
#41-5660	#42-5294	#43-5293	#44-5348	#45-5533	#46-5280	#47-5433	#48-5717	#49-5668	#50-5496
#51-5642	#52-5490	#53-5277	#54-5587	#55-5542	#56-5407	#57-5647	#58-5521	#59-5487	#60-5514
#61-5361	#62-5411	#63-5309	#64-5634	#65-5520	#66-5608	#67-5404	#68-5463	#69-5538	#70-5696
#71-5631	#72-5313	#73-5673	#74-5613	#75-5447	#76-5353	#77-5324	#78-5442	#79-5499	#80-5305
#81-5445	#82-5461	#83-5306	#84-5689	#85-5451	#86-5254	#87-5286	#88-5548	#89-5386	#90-5422
#91-5504	#92-5656	#93-5662	#94-5262	#95-5397	#96-5279	#97-5380	#98-5525	#99-5260	#100-5426

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #22 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5328	#02-5669	#03-5699	#04-5345	#05-5303	#06-5572	#07-5329	#08-5713	#09-5458	#10-5544
#11-5691	#12-5573	#13-5577	#14-5555	#15-5406	#16-5600	#17-5502	#18-5397	#19-5494	#20-5615
#21-5418	#22-5598	#23-5676	#24-5318	#25-5717	#26-5311	#27-5295	#28-5470	#29-5526	#30-5412
#31-5644	#32-5450	#33-5605	#34-5610	#35-5507	#36-5634	#37-5707	#38-5700	#39-5307	#40-5434
#41-5296	#42-5361	#43-5695	#44-5530	#45-5509	#46-5431	#47-5715	#48-5404	#49-5603	#50-5377
#51-5490	#52-5535	#53-5321	#54-5272	#55-5276	#56-5510	#57-5283	#58-5493	#59-5657	#60-5382
#61-5372	#62-5696	#63-5670	#64-5624	#65-5294	#66-5549	#67-5519	#68-5422	#69-5436	#70-5486
#71-5705	#72-5512	#73-5457	#74-5604	#75-5305	#76-5316	#77-5481	#78-5533	#79-5517	#80-5685
#81-5320	#82-5532	#83-5607	#84-5645	#85-5440	#86-5274	#87-5666	#88-5364	#89-5703	#90-5649
#91-5408	#92-5537	#93-5340	#94-5359	#95-5333	#96-5680	#97-5353	#98-5559	#99-5292	#100-5488

Type 6 #23 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5578	#02-5630	#03-5702	#04-5427	#05-5425	#06-5573	#07-5504	#08-5412	#09-5625	#10-5694
#11-5438	#12-5487	#13-5666	#14-5598	#15-5707	#16-5489	#17-5258	#18-5508	#19-5306	#20-5354
#21-5645	#22-5368	#23-5689	#24-5681	#25-5260	#26-5450	#27-5561	#28-5631	#29-5691	#30-5601
#31-5316	#32-5534	#33-5296	#34-5663	#35-5379	#36-5394	#37-5721	#38-5636	#39-5517	#40-5627
#41-5596	#42-5529	#43-5459	#44-5698	#45-5616	#46-5589	#47-5301	#48-5711	#49-5384	#50-5658
#51-5512	#52-5263	#53-5470	#54-5415	#55-5373	#56-5667	#57-5505	#58-5659	#59-5506	#60-5722
#61-5547	#62-5532	#63-5423	#64-5365	#65-5250	#66-5320	#67-5378	#68-5358	#69-5575	#70-5312
#71-5335	#72-5455	#73-5715	#74-5588	#75-5264	#76-5352	#77-5550	#78-5503	#79-5709	#80-5383
#81-5271	#82-5283	#83-5269	#84-5497	#85-5256	#86-5452	#87-5465	#88-5261	#89-5315	#90-5706
#91-5652	#92-5525	#93-5500	#94-5433	#95-5648	#96-5325	#97-5276	#98-5650	#99-5662	#100-5676

Type 6 #24 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5385	#02-5685	#03-5383	#04-5329	#05-5490	#06-5556	#07-5571	#08-5261	#09-5469	#10-5563
#11-5399	#12-5401	#13-5332	#14-5705	#15-5547	#16-5371	#17-5434	#18-5617	#19-5280	#20-5564
#21-5721	#22-5461	#23-5473	#24-5312	#25-5313	#26-5489	#27-5487	#28-5475	#29-5627	#30-5428
#31-5683	#32-5457	#33-5334	#34-5609	#35-5537	#36-5598	#37-5372	#38-5699	#39-5395	#40-5414
#41-5304	#42-5379	#43-5393	#44-5503	#45-5373	#46-5418	#47-5608	#48-5610	#49-5526	#50-5615
#51-5619	#52-5347	#53-5679	#54-5648	#55-5320	#56-5266	#57-5251	#58-5319	#59-5346	#60-5358
#61-5291	#62-5605	#63-5666	#64-5317	#65-5250	#66-5260	#67-5498	#68-5311	#69-5643	#70-5667
#71-5331	#72-5330	#73-5534	#74-5664	#75-5321	#76-5604	#77-5589	#78-5350	#79-5549	#80-5711
#81-5377	#82-5326	#83-5527	#84-5356	#85-5697	#86-5670	#87-5337	#88-5513	#89-5562	#90-5305
#91-5417	#92-5512	#93-5600	#94-5277	#95-5554	#96-5464	#97-5258	#98-5673	#99-5262	#100-5567

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
**Issue Date:** 25<sup>th</sup> October 2017  
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Type 6 #25 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5380	#02-5510	#03-5326	#04-5655	#05-5439	#06-5482	#07-5257	#08-5479	#09-5305	#10-5352
#11-5331	#12-5597	#13-5386	#14-5659	#15-5695	#16-5680	#17-5670	#18-5533	#19-5721	#20-5719
#21-5541	#22-5696	#23-5609	#24-5628	#25-5342	#26-5713	#27-5323	#28-5707	#29-5334	#30-5554
#31-5287	#32-5365	#33-5368	#34-5266	#35-5279	#36-5292	#37-5611	#38-5560	#39-5662	#40-5583
#41-5457	#42-5460	#43-5698	#44-5545	#45-5375	#46-5665	#47-5307	#48-5599	#49-5519	#50-5450
#51-5591	#52-5265	#53-5572	#54-5563	#55-5539	#56-5442	#57-5277	#58-5347	#59-5493	#60-5496
#61-5522	#62-5293	#63-5481	#64-5268	#65-5678	#66-5650	#67-5646	#68-5308	#69-5385	#70-5333
#71-5486	#72-5635	#73-5332	#74-5691	#75-5297	#76-5358	#77-5540	#78-5354	#79-5421	#80-5350
#81-5520	#82-5356	#83-5452	#84-5562	#85-5513	#86-5316	#87-5253	#88-5337	#89-5487	#90-5313
#91-5357	#92-5676	#93-5353	#94-5674	#95-5616	#96-5528	#97-5344	#98-5681	#99-5437	#100-5302

Type 6 #26 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5532	#02-5669	#03-5381	#04-5445	#05-5643	#06-5387	#07-5405	#08-5417	#09-5597	#10-5472
#11-5607	#12-5475	#13-5337	#14-5612	#15-5382	#16-5429	#17-5305	#18-5297	#19-5571	#20-5548
#21-5704	#22-5268	#23-5583	#24-5345	#25-5637	#26-5409	#27-5649	#28-5551	#29-5326	#30-5393
#31-5332	#32-5601	#33-5400	#34-5280	#35-5320	#36-5596	#37-5334	#38-5674	#39-5495	#40-5307
#41-5657	#42-5609	#43-5319	#44-5602	#45-5586	#46-5253	#47-5395	#48-5639	#49-5626	#50-5389
#51-5633	#52-5478	#53-5552	#54-5651	#55-5523	#56-5349	#57-5256	#58-5703	#59-5480	#60-5591
#61-5520	#62-5713	#63-5390	#64-5255	#65-5325	#66-5542	#67-5250	#68-5558	#69-5696	#70-5348
#71-5489	#72-5303	#73-5647	#74-5336	#75-5698	#76-5276	#77-5284	#78-5645	#79-5412	#80-5492
#81-5668	#82-5693	#83-5646	#84-5452	#85-5394	#86-5584	#87-5496	#88-5327	#89-5576	#90-5628
#91-5512	#92-5469	#93-5313	#94-5526	#95-5528	#96-5435	#97-5330	#98-5654	#99-5291	#100-5425

Type 6 #27 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5630	#02-5564	#03-5549	#04-5323	#05-5696	#06-5404	#07-5559	#08-5435	#09-5358	#10-5471
#11-5446	#12-5287	#13-5579	#14-5398	#15-5391	#16-5312	#17-5618	#18-5376	#19-5637	#20-5400
#21-5384	#22-5393	#23-5478	#24-5687	#25-5483	#26-5269	#27-5459	#28-5260	#29-5331	#30-5562
#31-5626	#32-5547	#33-5554	#34-5284	#35-5422	#36-5356	#37-5541	#38-5266	#39-5442	#40-5272
#41-5276	#42-5372	#43-5673	#44-5253	#45-5268	#46-5285	#47-5639	#48-5481	#49-5275	#50-5495
#51-5421	#52-5320	#53-5360	#54-5463	#55-5385	#56-5349	#57-5424	#58-5634	#59-5544	#60-5658
#61-5282	#62-5568	#63-5614	#64-5512	#65-5560	#66-5621	#67-5682	#68-5704	#69-5671	#70-5456
#71-5661	#72-5361	#73-5321	#74-5257	#75-5526	#76-5712	#77-5318	#78-5445	#79-5301	#80-5383
#81-5689	#82-5406	#83-5641	#84-5377	#85-5537	#86-5452	#87-5538	#88-5438	#89-5444	#90-5379
#91-5498	#92-5328	#93-5584	#94-5516	#95-5474	#96-5589	#97-5351	#98-5313	#99-5652	#100-5417

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
**Issue Date:** 25<sup>th</sup> October 2017  
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Type 6 #28 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5689	#02-5357	#03-5557	#04-5394	#05-5462	#06-5705	#07-5434	#08-5392	#09-5552	#10-5618
#11-5404	#12-5704	#13-5663	#14-5577	#15-5383	#16-5253	#17-5373	#18-5647	#19-5405	#20-5702
#21-5360	#22-5658	#23-5278	#24-5633	#25-5458	#26-5377	#27-5510	#28-5634	#29-5349	#30-5613
#31-5516	#32-5342	#33-5713	#34-5575	#35-5413	#36-5430	#37-5620	#38-5393	#39-5700	#40-5660
#41-5260	#42-5479	#43-5551	#44-5604	#45-5649	#46-5605	#47-5379	#48-5340	#49-5586	#50-5300
#51-5429	#52-5675	#53-5306	#54-5280	#55-5328	#56-5648	#57-5661	#58-5334	#59-5445	#60-5524
#61-5293	#62-5352	#63-5311	#64-5715	#65-5338	#66-5678	#67-5358	#68-5671	#69-5470	#70-5692
#71-5606	#72-5356	#73-5398	#74-5708	#75-5723	#76-5571	#77-5543	#78-5488	#79-5562	#80-5337
#81-5288	#82-5518	#83-5351	#84-5696	#85-5457	#86-5615	#87-5464	#88-5460	#89-5436	#90-5502
#91-5588	#92-5291	#93-5500	#94-5387	#95-5477	#96-5320	#97-5482	#98-5425	#99-5654	#100-5664

Type 6 #29 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5333	#02-5336	#03-5598	#04-5706	#05-5529	#06-5350	#07-5264	#08-5602	#09-5676	#10-5544
#11-5280	#12-5576	#13-5386	#14-5497	#15-5305	#16-5255	#17-5481	#18-5419	#19-5468	#20-5621
#21-5370	#22-5687	#23-5682	#24-5320	#25-5405	#26-5260	#27-5492	#28-5580	#29-5270	#30-5343
#31-5459	#32-5421	#33-5281	#34-5374	#35-5590	#36-5479	#37-5631	#38-5512	#39-5487	#40-5711
#41-5663	#42-5472	#43-5470	#44-5536	#45-5341	#46-5548	#47-5426	#48-5408	#49-5476	#50-5430
#51-5282	#52-5379	#53-5527	#54-5550	#55-5518	#56-5583	#57-5409	#58-5581	#59-5450	#60-5545
#61-5404	#62-5354	#63-5373	#64-5501	#65-5389	#66-5252	#67-5513	#68-5681	#69-5384	#70-5273
#71-5460	#72-5575	#73-5594	#74-5643	#75-5668	#76-5587	#77-5553	#78-5337	#79-5279	#80-5462
#81-5253	#82-5400	#83-5313	#84-5654	#85-5362	#86-5653	#87-5327	#88-5292	#89-5271	#90-5650
#91-5381	#92-5712	#93-5425	#94-5649	#95-5268	#96-5474	#97-5467	#98-5473	#99-5623	#100-5410

Type 6 #30 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5346	#02-5643	#03-5677	#04-5680	#05-5599	#06-5639	#07-5255	#08-5719	#09-5317	#10-5363
#11-5515	#12-5265	#13-5616	#14-5369	#15-5351	#16-5326	#17-5323	#18-5400	#19-5278	#20-5306
#21-5706	#22-5438	#23-5650	#24-5462	#25-5656	#26-5493	#27-5479	#28-5568	#29-5329	#30-5595
#31-5530	#32-5490	#33-5302	#34-5631	#35-5481	#36-5360	#37-5698	#38-5488	#39-5263	#40-5322
#41-5384	#42-5699	#43-5633	#44-5366	#45-5345	#46-5305	#47-5548	#48-5667	#49-5401	#50-5445
#51-5566	#52-5405	#53-5365	#54-5455	#55-5277	#56-5467	#57-5668	#58-5395	#59-5500	#60-5713
#61-5710	#62-5499	#63-5564	#64-5463	#65-5594	#66-5690	#67-5349	#68-5637	#69-5264	#70-5708
#71-5257	#72-5516	#73-5560	#74-5655	#75-5626	#76-5652	#77-5527	#78-5335	#79-5649	#80-5622
#81-5276	#82-5333	#83-5480	#84-5544	#85-5592	#86-5547	#87-5389	#88-5399	#89-5591	#90-5506
#91-5679	#92-5701	#93-5301	#94-5431	#95-5582	#96-5534	#97-5357	#98-5485	#99-5371	#100-5682

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Type 5 #1 5290 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	919247	80	1443	0	279150	1200000
2	2	17	748948	70	1134	0	449778	1200000
3	1	17	308571	99	0	0	891330	1200000
4	3	17	761224	86	1798	1957	434763	1200000
5	1	17	576046	53	0	0	623901	1200000
6	1	17	95902	84	0	0	1104014	1200000
7	3	17	234317	51	1608	1946	961976	1200000
8	3	17	1110086	95	1449	1897	86283	1200000
9	2	17	186880	53	1752	0	1011262	1200000
10	2	17	455637	87	1126	0	743063	1200000

Type 5 #2 5290 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	16	79446	95	1964	0	775542	857142
2	3	16	178584	66	1245	1925	675190	857142
3	1	16	798258	60	0	0	58824	857142
4	1	16	254109	95	0	0	602938	857142
5	1	16	683851	52	0	0	173239	857142
6	1	16	313412	90	0	0	543640	857142
7	2	16	107152	75	1641	0	748199	857142
8	1	16	4603	75	0	0	852464	857142
9	2	16	256162	78	1727	0	599097	857142
10	3	16	448506	92	1891	1947	404522	857142
11	2	16	322889	89	1121	0	532954	857142
12	2	16	81435	76	1659	0	773896	857142
13	2	16	811743	78	1154	0	44089	857142
14	3	16	610574	64	1921	1083	243372	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	1	11	493902	86	0	0	506012	1000000
2	3	11	605175	69	1522	1414	391682	1000000
3	2	11	700912	57	1719	0	297255	1000000
4	3	11	571324	56	1911	1846	424751	1000000
5	2	11	970464	67	1077	0	28325	1000000
6	3	11	347926	62	1811	1248	648829	1000000
7	1	11	801495	99	0	0	198406	1000000
8	2	11	27963	82	1189	0	970684	1000000
9	3	11	201287	85	1341	1348	795769	1000000
10	2	11	14018	65	1878	0	983974	1000000
11	3	11	149749	66	1837	1649	846567	1000000
12	3	11	552503	97	1514	1268	444424	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	9	692740	70	1491	1722	9719	705882
2	3	9	541225	95	1011	1730	161631	705882
3	2	9	587630	98	1934	0	116122	705882
4	2	9	310873	91	1130	0	393697	705882
5	1	9	529803	84	0	0	175995	705882
6	3	9	82249	57	1137	1583	620742	705882
7	2	9	495315	59	1407	0	209042	705882
8	1	9	2635	67	0	0	703180	705882
9	3	9	94107	67	1420	1536	608618	705882
10	1	9	653873	84	0	0	51925	705882
11	2	9	324912	59	1621	0	379231	705882
12	1	9	589006	91	0	0	116785	705882
13	1	9	303417	85	0	0	402380	705882
14	2	9	380793	65	1318	0	323641	705882
15	2	9	334148	68	1541	0	370057	705882
16	1	9	608176	95	0	0	97611	705882
17	1	9	310358	54	0	0	395470	705882

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	616523	76	1947	1346	129956	750000
2	2	19	689664	56	1308	0	58916	750000
3	3	19	155045	62	1850	1934	590985	750000
4	1	19	540848	69	0	0	209083	750000
5	2	19	498157	89	1369	0	250296	750000
6	2	19	83096	61	1785	0	664997	750000
7	3	19	443939	87	1374	1489	302937	750000
8	1	19	422773	73	0	0	327154	750000
9	2	19	645567	91	1878	0	102373	750000
10	3	19	370902	62	1683	1657	375572	750000
11	1	19	252055	57	0	0	497888	750000
12	3	19	221348	79	1080	1228	526107	750000
13	2	19	199735	54	1900	0	548257	750000
14	3	19	510270	68	1258	1188	237080	750000
15	2	19	666164	100	1366	0	82270	750000
16	1	19	111208	70	0	0	638722	750000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	12426	58	1153	0	786305	800000
2	1	12	213843	61	0	0	586096	800000
3	1	12	17534	87	0	0	782379	800000
4	2	12	374439	52	1876	0	423581	800000
5	1	12	132175	91	0	0	667734	800000
6	3	12	375137	83	1872	1380	421362	800000
7	1	12	90935	88	0	0	708977	800000
8	1	12	555342	83	0	0	244575	800000
9	1	12	43899	67	0	0	756034	800000
10	2	12	749277	69	1714	0	48871	800000
11	3	12	88295	58	1809	1715	708007	800000
12	2	12	336801	90	1801	0	461218	800000
13	1	12	509218	75	0	0	290707	800000
14	2	12	649761	88	1986	0	148077	800000
15	2	12	280128	85	1368	0	518334	800000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	10	965259	72	0	0	368002	1333333
2	3	10	865010	60	1869	1755	464519	1333333
3	2	10	346191	66	1484	0	985526	1333333
4	2	10	927675	86	1301	0	404185	1333333
5	3	10	289157	70	1208	1534	1041224	1333333
6	3	10	485266	95	1365	1605	844812	1333333
7	3	10	1024815	72	1667	1971	304664	1333333
8	1	10	11951	72	0	0	1321310	1333333
9	3	10	801041	93	1266	1308	529439	1333333

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	637792	84	1817	0	26889	666666
2	2	17	260040	87	1396	0	405056	666666
3	2	17	33331	81	1182	0	631991	666666
4	1	17	631001	64	0	0	35601	666666
5	1	17	450847	55	0	0	215764	666666
6	2	17	5551	67	1267	0	659714	666666
7	1	17	434651	62	0	0	231953	666666
8	1	17	502222	80	0	0	164364	666666
9	3	17	23725	87	1884	1359	639437	666666
10	2	17	56078	81	1551	0	608875	666666
11	3	17	6282	58	1501	1365	657344	666666
12	2	17	252058	83	1214	0	413228	666666
13	3	17	489004	85	1406	1737	174264	666666
14	1	17	384344	88	0	0	282234	666666
15	2	17	422533	65	1250	0	242753	666666
16	2	17	37341	95	1069	0	628066	666666
17	3	17	469218	55	1183	1329	194771	666666
18	3	17	33069	96	1641	1691	629977	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	2	20	943312	93	1780	0	254722	1200000
2	3	20	963288	75	1305	1861	233321	1200000
3	3	20	1139580	71	1677	1583	56947	1200000
4	2	20	1063581	89	1507	0	134734	1200000
5	2	20	814631	93	1113	0	384070	1200000
6	2	20	868914	66	1553	0	329401	1200000
7	2	20	1092032	82	1283	0	106521	1200000
8	2	20	28561	55	1249	0	1170080	1200000
9	3	20	15884	73	1069	1063	1181765	1200000
10	2	20	75716	76	1794	0	1122338	1200000

Type 5 #10 5290 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	19	985708	83	1188	0	12938	1000000
2	1	19	399521	74	0	0	600405	1000000
3	3	19	388701	70	1358	1614	608117	1000000
4	2	19	32169	92	1053	0	966594	1000000
5	3	19	792428	52	1906	1666	203844	1000000
6	3	19	568133	90	1661	1754	428182	1000000
7	3	19	784765	100	1962	1438	211535	1000000
8	1	19	990864	84	0	0	9052	1000000
9	2	19	911208	71	1619	0	87031	1000000
10	1	19	854877	80	0	0	145043	1000000
11	3	19	756340	91	1328	1123	240936	1000000
12	2	19	676584	82	1190	0	322062	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	2	12	30630	77	1952	0	633930	666666
2	1	12	537153	61	0	0	129452	666666
3	2	12	588374	74	1046	0	77098	666666
4	2	12	623228	60	1123	0	42195	666666
5	3	12	358536	77	1870	1520	304509	666666
6	1	12	202582	93	0	0	463991	666666
7	2	12	345662	50	1389	0	319515	666666
8	1	12	49794	88	0	0	616784	666666
9	3	12	36132	91	1598	1276	627387	666666
10	1	12	205928	74	0	0	460664	666666
11	1	12	498121	74	0	0	168471	666666
12	1	12	501923	53	0	0	164690	666666
13	1	12	599693	63	0	0	66910	666666
14	1	12	156889	54	0	0	509723	666666
15	2	12	394334	54	1253	0	270971	666666
16	3	12	103558	78	1048	1092	560734	666666
17	1	12	270271	78	0	0	396317	666666
18	1	12	33152	88	0	0	633426	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	2	16	163932	77	1739	0	925084	1090909
2	3	16	747070	82	1514	1527	340552	1090909
3	1	16	783449	61	0	0	307399	1090909
4	2	16	1064495	96	1248	0	24974	1090909
5	3	16	937275	85	1199	1552	150628	1090909
6	1	16	1001080	81	0	0	89748	1090909
7	3	16	55082	54	1805	1531	1032329	1090909
8	3	16	699087	59	1898	1181	388566	1090909
9	3	16	70927	73	1780	1220	1016763	1090909
10	3	16	339328	84	1926	1025	748378	1090909
11	3	16	316287	93	1341	1187	771815	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	2	6	532993	69	1692	0	265177	800000
2	2	6	391942	86	1350	0	406536	800000
3	1	6	618575	99	0	0	181326	800000
4	2	6	287893	50	1084	0	510923	800000
5	3	6	238623	97	1477	1494	558115	800000
6	3	6	376895	89	1692	1608	419538	800000
7	1	6	151824	56	0	0	648120	800000
8	3	6	170524	57	1542	1156	626607	800000
9	3	6	485236	57	1822	1533	311238	800000
10	2	6	166685	93	1272	0	631857	800000
11	1	6	90847	81	0	0	709072	800000
12	3	6	16223	99	1224	1957	780299	800000
13	3	6	311119	52	1017	1110	486598	800000
14	2	6	518867	90	1868	0	279085	800000
15	1	6	264635	89	0	0	535276	800000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	10	671448	67	1743	1264	658677	1333333
2	1	10	244464	53	0	0	1088816	1333333
3	1	10	257982	60	0	0	1075291	1333333
4	3	10	291051	54	1804	1422	1038894	1333333
5	3	10	40854	52	1405	1134	1289784	1333333
6	3	10	1092293	97	1783	1213	237753	1333333
7	3	10	1003536	62	1187	1407	327017	1333333
8	1	10	675383	67	0	0	657883	1333333
9	3	10	778710	84	1225	1450	551696	1333333

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	10	495849	77	1779	1931	206092	705882
2	1	10	207147	83	0	0	498652	705882
3	3	10	4439	70	1497	1344	698392	705882
4	2	10	503134	90	1050	0	201518	705882
5	3	10	77225	66	1208	1720	625531	705882
6	2	10	243406	63	1600	0	460750	705882
7	1	10	509667	73	0	0	196142	705882
8	2	10	38300	74	1701	0	665733	705882
9	3	10	513701	50	1213	1102	189716	705882
10	1	10	565864	52	0	0	139966	705882
11	2	10	633281	91	1414	0	71005	705882
12	1	10	494499	79	0	0	211304	705882
13	2	10	526159	71	1408	0	178173	705882
14	2	10	476800	70	1029	0	227913	705882
15	2	10	212033	52	1085	0	492660	705882
16	1	10	74309	100	0	0	631473	705882
17	2	10	478550	59	1004	0	226210	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	18	212294	76	0	0	587630	800000
2	1	18	213979	73	0	0	585948	800000
3	2	18	559326	73	1704	0	238824	800000
4	3	18	650566	68	1981	1749	145500	800000
5	1	18	74254	80	0	0	725666	800000
6	2	18	699014	89	1519	0	99289	800000
7	3	18	162437	92	1647	1872	633768	800000
8	1	18	630429	58	0	0	169513	800000
9	1	18	617916	77	0	0	182007	800000
10	2	18	384671	82	1401	0	413764	800000
11	1	18	41433	59	0	0	758508	800000
12	3	18	335834	86	1479	1223	461206	800000
13	2	18	607335	75	1482	0	191033	800000
14	2	18	57582	77	1821	0	740443	800000
15	2	18	769797	72	1206	0	28853	800000

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Type 5 #17 5325 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	9	211889	53	1204	0	453467	666666
2	3	9	217198	51	1777	1913	445625	666666
3	3	9	400764	57	1741	1389	262601	666666
4	3	9	378921	96	1234	1065	285158	666666
5	2	9	318673	100	1840	0	345953	666666
6	1	9	22092	73	0	0	644501	666666
7	2	9	194256	93	1975	0	470249	666666
8	2	9	511887	77	1064	0	153561	666666
9	3	9	309274	84	1745	1516	353879	666666
10	3	9	397276	84	1676	1582	265880	666666
11	1	9	476010	81	0	0	190575	666666
12	1	9	370889	74	0	0	295703	666666
13	3	9	187158	73	1716	1294	476279	666666
14	3	9	561217	54	1999	1160	102128	666666
15	3	9	312097	65	1917	1897	350560	666666
16	2	9	519172	75	1648	0	145696	666666
17	3	9	539083	75	1794	1619	123945	666666
18	2	9	632548	69	1067	0	32913	666666

Type 5 #18 5321 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	19	623255	85	0	0	299736	923076
2	2	19	867992	72	1693	0	53247	923076
3	3	19	198585	80	1966	1584	720701	923076
4	3	19	731973	63	1678	1855	187381	923076
5	2	19	711091	71	1271	0	210572	923076
6	1	19	201828	75	0	0	721173	923076
7	2	19	492237	97	1296	0	429349	923076
8	3	19	739417	95	1743	1263	180368	923076
9	3	19	742810	84	1650	1213	177151	923076
10	1	19	747327	56	0	0	175693	923076
11	3	19	263308	55	1653	1132	656818	923076
12	2	19	175225	62	1746	0	745981	923076
13	1	19	607540	86	0	0	315450	923076

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Type 5 #19 5290 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	801383	71	1434	0	120117	923076
2	3	5	865300	88	1058	1806	54648	923076
3	2	5	775275	87	1409	0	146218	923076
4	2	5	392568	70	1183	0	529185	923076
5	2	5	777453	76	1052	0	144419	923076
6	3	5	678264	71	1556	1945	241098	923076
7	3	5	605308	51	1281	1359	314975	923076
8	1	5	386117	68	0	0	536891	923076
9	2	5	318462	89	1429	0	603007	923076
10	1	5	23244	77	0	0	899755	923076
11	2	5	36739	60	1885	0	884332	923076
12	3	5	323453	69	1383	1025	597008	923076
13	2	5	607536	93	1199	0	314155	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	20	9081	91	0	0	1190828	1200000
2	1	20	960918	87	0	0	238995	1200000
3	2	20	1103344	82	1866	0	94626	1200000
4	1	20	548151	76	0	0	651773	1200000
5	1	20	328498	73	0	0	871429	1200000
6	1	20	1098829	67	0	0	101104	1200000
7	2	20	769423	79	1227	0	429192	1200000
8	1	20	45352	60	0	0	1154588	1200000
9	2	20	1720	70	1886	0	1196254	1200000
10	1	20	635539	88	0	0	564373	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	6	530562	92	1247	1888	66027	600000
2	3	6	268319	96	1478	1828	328087	600000
3	1	6	514730	70	0	0	85200	600000
4	2	6	390229	83	1092	0	208513	600000
5	1	6	144178	98	0	0	455724	600000
6	1	6	427004	76	0	0	172920	600000
7	3	6	326410	85	1150	1649	270536	600000
8	1	6	205241	70	0	0	394689	600000
9	3	6	286773	66	1578	1921	309530	600000
10	2	6	404314	50	1362	0	194224	600000
11	3	6	334968	92	1672	1058	262026	600000
12	3	6	14221	68	1648	1573	582354	600000
13	1	6	566611	76	0	0	33313	600000
14	3	6	98017	82	1851	1315	498571	600000
15	1	6	43207	67	0	0	556726	600000
16	1	6	413231	95	0	0	186674	600000
17	1	6	21929	58	0	0	578013	600000
18	1	6	354714	93	0	0	245193	600000
19	1	6	17848	100	0	0	582052	600000
20	2	6	228285	89	1400	0	370137	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	10	368285	81	1211	0	336224	705882
2	2	10	695427	75	1343	0	8962	705882
3	3	10	113249	99	1283	1193	589860	705882
4	2	10	375721	64	1465	0	328568	705882
5	3	10	658037	93	1432	1516	44618	705882
6	1	10	689761	85	0	0	16036	705882
7	3	10	580056	97	1917	1655	121963	705882
8	1	10	63031	66	0	0	642785	705882
9	3	10	342222	81	1468	1068	360881	705882
10	1	10	642214	51	0	0	63617	705882
11	2	10	455861	53	1541	0	248374	705882
12	3	10	170744	89	1243	1979	531649	705882
13	2	10	18020	78	1010	0	686696	705882
14	2	10	153433	77	1143	0	551152	705882
15	3	10	276493	66	1121	1773	426297	705882
16	2	10	162441	92	1057	0	542200	705882
17	2	10	278263	95	1346	0	426083	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	5	105234	87	1847	0	1392745	1500000
2	2	5	1002869	99	1662	0	495271	1500000
3	3	5	628872	95	1691	1674	867478	1500000
4	1	5	624614	70	0	0	875316	1500000
5	2	5	270746	97	1676	0	1227384	1500000
6	2	5	437587	83	1302	0	1060945	1500000
7	2	5	901957	89	1290	0	596575	1500000
8	2	5	1401744	64	1665	0	96463	1500000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	1460693	60	1673	0	37514	1500000
2	1	10	945503	80	0	0	554417	1500000
3	2	10	1391424	72	1061	0	107371	1500000
4	2	10	1239992	90	1672	0	258156	1500000
5	1	10	755013	55	0	0	744932	1500000
6	1	10	605405	58	0	0	894537	1500000
7	1	10	373048	72	0	0	1126880	1500000
8	3	10	1485700	81	1668	1593	10796	1500000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	264695	79	1169	0	333978	600000
2	3	17	66502	88	1141	1718	530375	600000
3	3	17	528295	62	1994	1700	67825	600000
4	3	17	218724	80	1363	1562	378111	600000
5	2	17	569015	72	1166	0	29675	600000
6	3	17	195818	71	1373	1542	401054	600000
7	3	17	397910	97	1903	1635	198261	600000
8	2	17	522985	64	1309	0	75578	600000
9	3	17	223096	71	1600	1759	373332	600000
10	3	17	124748	84	1563	1218	472219	600000
11	3	17	203571	54	1274	1404	393589	600000
12	1	17	423630	88	0	0	176282	600000
13	3	17	75053	53	1772	1698	521318	600000
14	3	17	345031	95	1269	1294	252121	600000
15	3	17	25032	87	1734	1189	571784	600000
16	2	17	524518	93	1651	0	73645	600000
17	3	17	398238	59	1553	1429	198603	600000
18	3	17	311181	50	1349	1303	286017	600000
19	2	17	420764	100	1694	0	177342	600000
20	3	17	86182	84	1949	1764	509853	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	19	39888	61	0	0	710051	750000
2	3	19	521409	59	1051	1516	225847	750000
3	3	19	204881	61	1316	1287	542333	750000
4	3	19	687554	61	1194	1201	59868	750000
5	3	19	571957	55	1974	1161	174743	750000
6	1	19	444975	61	0	0	304964	750000
7	1	19	98530	51	0	0	651419	750000
8	2	19	701584	98	1719	0	46501	750000
9	1	19	50570	71	0	0	699359	750000
10	2	19	652454	82	1477	0	95905	750000
11	2	19	159710	66	1475	0	588683	750000
12	2	19	479360	69	1591	0	268911	750000
13	1	19	360863	64	0	0	389073	750000
14	3	19	579114	54	1176	1292	168256	750000
15	3	19	402747	91	1499	1841	343640	750000
16	2	19	396529	92	1049	0	352238	750000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	303387	81	0	0	446532	750000
2	3	14	486007	50	1862	1078	260903	750000
3	3	14	254311	98	1201	1983	492211	750000
4	3	14	475196	64	1192	1776	271644	750000
5	1	14	404076	84	0	0	345840	750000
6	2	14	429604	78	1111	0	319129	750000
7	1	14	726868	93	0	0	23039	750000
8	2	14	506224	74	1137	0	242491	750000
9	3	14	406261	71	1560	1616	340350	750000
10	2	14	522915	53	1235	0	225744	750000
11	2	14	361332	99	1856	0	386614	750000
12	2	14	346351	56	1551	0	401986	750000
13	1	14	57812	99	0	0	692089	750000
14	2	14	543475	54	1970	0	204447	750000
15	3	14	300129	90	1261	1517	446823	750000
16	1	14	232862	77	0	0	517061	750000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	304839	67	0	0	326672	631578
2	2	16	504109	54	1345	0	126016	631578
3	1	16	455704	83	0	0	175791	631578
4	2	16	32554	72	1445	0	597435	631578
5	2	16	289333	66	1898	0	340215	631578
6	1	16	585726	67	0	0	45785	631578
7	1	16	624876	62	0	0	6640	631578
8	3	16	65373	52	1097	1941	563011	631578
9	2	16	134907	77	1636	0	494881	631578
10	2	16	224159	65	1178	0	406111	631578
11	1	16	149441	69	0	0	482068	631578
12	2	16	607016	91	1593	0	22787	631578
13	3	16	28400	99	1131	1078	600672	631578
14	2	16	257442	74	1225	0	372763	631578
15	2	16	112284	80	1394	0	517740	631578
16	2	16	449878	94	1818	0	179694	631578
17	1	16	33469	93	0	0	598016	631578
18	3	16	94990	96	1376	1081	533843	631578
19	2	16	86627	62	1980	0	542847	631578

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	18	344287	53	1500	1541	509655	857142
2	3	18	663408	76	1058	1902	190546	857142
3	1	18	100918	62	0	0	756162	857142
4	3	18	342809	51	1240	1131	511809	857142
5	2	18	530220	76	1956	0	324814	857142
6	1	18	60733	60	0	0	796349	857142
7	2	18	66281	67	1815	0	788912	857142
8	2	18	789188	93	1321	0	66447	857142
9	3	18	78510	51	1663	1204	775612	857142
10	3	18	197556	73	1019	1628	656720	857142
11	2	18	832236	95	1582	0	23134	857142
12	2	18	274497	68	1784	0	580725	857142
13	1	18	365117	92	0	0	491933	857142
14	2	18	744259	76	1644	0	111087	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	11	1011004	66	1278	1278	319575	1333333
2	1	11	229147	59	0	0	1104127	1333333
3	1	11	881896	96	0	0	451341	1333333
4	2	11	191687	64	1959	0	1139559	1333333
5	2	11	335932	90	1833	0	995388	1333333
6	3	11	960524	60	1814	1251	369564	1333333
7	2	11	557365	56	1785	0	774071	1333333
8	2	11	24220	65	1084	0	1307899	1333333
9	1	11	496092	52	0	0	837189	1333333

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#01-5345	#02-5541	#03-5370	#04-5718	#05-5385	#06-5512	#07-5354	#08-5284	#09-5347	#10-5543
#11-5376	#12-5590	#13-5499	#14-5396	#15-5452	#16-5604	#17-5565	#18-5550	#19-5665	#20-5312
#21-5697	#22-5337	#23-5654	#24-5495	#25-5428	#26-5335	#27-5353	#28-5643	#29-5302	#30-5281
#31-5380	#32-5701	#33-5308	#34-5645	#35-5690	#36-5412	#37-5720	#38-5603	#39-5574	#40-5406
#41-5545	#42-5272	#43-5340	#44-5310	#45-5438	#46-5524	#47-5405	#48-5255	#49-5457	#50-5292
#51-5349	#52-5509	#53-5298	#54-5446	#55-5306	#56-5256	#57-5615	#58-5602	#59-5546	#60-5296
#61-5417	#62-5444	#63-5705	#64-5318	#65-5423	#66-5407	#67-5534	#68-5584	#69-5436	#70-5290
#71-5612	#72-5684	#73-5696	#74-5516	#75-5497	#76-5672	#77-5723	#78-5596	#79-5316	#80-5630
#81-5661	#82-5355	#83-5449	#84-5261	#85-5662	#86-5595	#87-5651	#88-5593	#89-5587	#90-5683
#91-5521	#92-5375	#93-5315	#94-5529	#95-5717	#96-5364	#97-5294	#98-5275	#99-5622	#100-5283

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#01-5719	#02-5546	#03-5552	#04-5408	#05-5411	#06-5384	#07-5532	#08-5510	#09-5670	#10-5356
#11-5257	#12-5267	#13-5536	#14-5638	#15-5358	#16-5311	#17-5718	#18-5692	#19-5376	#20-5544
#21-5471	#22-5658	#23-5713	#24-5466	#25-5493	#26-5483	#27-5620	#28-5418	#29-5517	#30-5382
#31-5626	#32-5695	#33-5697	#34-5278	#35-5631	#36-5362	#37-5518	#38-5283	#39-5575	#40-5525
#41-5310	#42-5390	#43-5648	#44-5477	#45-5675	#46-5502	#47-5561	#48-5397	#49-5419	#50-5655
#51-5360	#52-5324	#53-5623	#54-5323	#55-5537	#56-5307	#57-5558	#58-5334	#59-5639	#60-5650
#61-5485	#62-5363	#63-5717	#64-5534	#65-5452	#66-5285	#67-5292	#68-5504	#69-5253	#70-5716
#71-5514	#72-5684	#73-5368	#74-5576	#75-5478	#76-5330	#77-5260	#78-5481	#79-5513	#80-5710
#81-5646	#82-5465	#83-5724	#84-5585	#85-5270	#86-5551	#87-5319	#88-5616	#89-5459	#90-5573
#91-5530	#92-5430	#93-5367	#94-5645	#95-5288	#96-5669	#97-5395	#98-5361	#99-5274	#100-5636

Type 6 #3 [Back to Summary]									
#01-5462	#02-5303	#03-5395	#04-5426	#05-5391	#06-5403	#07-5684	#08-5301	#09-5570	#10-5458
#11-5299	#12-5323	#13-5547	#14-5651	#15-5251	#16-5266	#17-5367	#18-5386	#19-5520	#20-5633
#21-5692	#22-5399	#23-5290	#24-5411	#25-5441	#26-5335	#27-5573	#28-5449	#29-5540	#30-5538
#31-5662	#32-5623	#33-5466	#34-5602	#35-5504	#36-5598	#37-5328	#38-5552	#39-5445	#40-5595
#41-5593	#42-5268	#43-5305	#44-5259	#45-5525	#46-5465	#47-5618	#48-5444	#49-5652	#50-5273
#51-5560	#52-5262	#53-5576	#54-5369	#55-5678	#56-5319	#57-5264	#58-5715	#59-5716	#60-5313
#61-5561	#62-5493	#63-5494	#64-5286	#65-5523	#66-5407	#67-5591	#68-5673	#69-5402	#70-5381
#71-5666	#72-5544	#73-5668	#74-5649	#75-5293	#76-5676	#77-5347	#78-5282	#79-5611	#80-5702
#81-5446	#82-5378	#83-5521	#84-5513	#85-5705	#86-5646	#87-5304	#88-5346	#89-5648	#90-5436
#91-5583	#92-5343	#93-5558	#94-5387	#95-5285	#96-5355	#97-5502	#98-5271	#99-5470	#100-5373

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**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #4 [Back to Summary]									
#01-5598	#02-5668	#03-5292	#04-5516	#05-5334	#06-5264	#07-5322	#08-5648	#09-5328	#10-5251
#11-5698	#12-5707	#13-5358	#14-5266	#15-5589	#16-5434	#17-5693	#18-5702	#19-5307	#20-5596
#21-5357	#22-5494	#23-5273	#24-5687	#25-5523	#26-5571	#27-5709	#28-5530	#29-5613	#30-5661
#31-5422	#32-5325	#33-5540	#34-5486	#35-5354	#36-5499	#37-5337	#38-5255	#39-5431	#40-5685
#41-5575	#42-5380	#43-5268	#44-5645	#45-5462	#46-5600	#47-5710	#48-5541	#49-5515	#50-5574
#51-5384	#52-5521	#53-5686	#54-5586	#55-5267	#56-5356	#57-5643	#58-5330	#59-5719	#60-5480
#61-5284	#62-5510	#63-5287	#64-5391	#65-5553	#66-5623	#67-5415	#68-5588	#69-5635	#70-5343
#71-5351	#72-5684	#73-5519	#74-5345	#75-5275	#76-5701	#77-5474	#78-5352	#79-5473	#80-5644
#81-5585	#82-5417	#83-5262	#84-5291	#85-5533	#86-5621	#87-5367	#88-5674	#89-5471	#90-5723
#91-5573	#92-5256	#93-5261	#94-5665	#95-5653	#96-5315	#97-5348	#98-5603	#99-5350	#100-5558

Type 6 #5 [Back to Summary]									
#01-5435	#02-5368	#03-5630	#04-5428	#05-5480	#06-5416	#07-5251	#08-5598	#09-5567	#10-5286
#11-5601	#12-5549	#13-5576	#14-5321	#15-5622	#16-5590	#17-5501	#18-5721	#19-5577	#20-5657
#21-5513	#22-5459	#23-5363	#24-5642	#25-5484	#26-5340	#27-5680	#28-5575	#29-5406	#30-5686
#31-5611	#32-5597	#33-5254	#34-5640	#35-5457	#36-5468	#37-5508	#38-5554	#39-5529	#40-5362
#41-5623	#42-5482	#43-5355	#44-5433	#45-5370	#46-5278	#47-5400	#48-5667	#49-5298	#50-5315
#51-5533	#52-5343	#53-5275	#54-5412	#55-5297	#56-5700	#57-5253	#58-5714	#59-5669	#60-5386
#61-5463	#62-5396	#63-5438	#64-5608	#65-5399	#66-5252	#67-5545	#68-5663	#69-5584	#70-5397
#71-5327	#72-5671	#73-5440	#74-5462	#75-5284	#76-5279	#77-5350	#78-5654	#79-5519	#80-5458
#81-5665	#82-5265	#83-5530	#84-5342	#85-5403	#86-5517	#87-5572	#88-5565	#89-5594	#90-5490
#91-5471	#92-5523	#93-5620	#94-5392	#95-5633	#96-5475	#97-5301	#98-5481	#99-5289	#100-5371

Type 6 #6 [Back to Summary]									
#01-5457	#02-5467	#03-5330	#04-5626	#05-5713	#06-5590	#07-5632	#08-5539	#09-5378	#10-5268
#11-5597	#12-5324	#13-5446	#14-5459	#15-5448	#16-5447	#17-5594	#18-5344	#19-5456	#20-5612
#21-5402	#22-5706	#23-5317	#24-5346	#25-5656	#26-5531	#27-5299	#28-5290	#29-5558	#30-5535
#31-5703	#32-5598	#33-5616	#34-5395	#35-5724	#36-5442	#37-5659	#38-5629	#39-5353	#40-5530
#41-5606	#42-5279	#43-5431	#44-5570	#45-5617	#46-5390	#47-5322	#48-5406	#49-5673	#50-5426
#51-5603	#52-5680	#53-5271	#54-5399	#55-5691	#56-5478	#57-5393	#58-5709	#59-5693	#60-5429
#61-5537	#62-5584	#63-5705	#64-5565	#65-5288	#66-5250	#67-5433	#68-5300	#69-5463	#70-5253
#71-5513	#72-5687	#73-5715	#74-5644	#75-5254	#76-5370	#77-5518	#78-5474	#79-5454	#80-5509
#81-5455	#82-5619	#83-5342	#84-5375	#85-5652	#86-5274	#87-5571	#88-5466	#89-5424	#90-5498
#91-5298	#92-5671	#93-5657	#94-5645	#95-5719	#96-5267	#97-5302	#98-5582	#99-5527	#100-5611

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Type 6 #7 [Back to Summary]									
#01-5682	#02-5274	#03-5671	#04-5667	#05-5636	#06-5637	#07-5690	#08-5350	#09-5398	#10-5565
#11-5678	#12-5646	#13-5501	#14-5431	#15-5701	#16-5641	#17-5491	#18-5573	#19-5634	#20-5266
#21-5397	#22-5697	#23-5590	#24-5685	#25-5676	#26-5558	#27-5282	#28-5317	#29-5647	#30-5710
#31-5323	#32-5652	#33-5659	#34-5553	#35-5543	#36-5426	#37-5666	#38-5394	#39-5459	#40-5262
#41-5307	#42-5467	#43-5312	#44-5578	#45-5534	#46-5371	#47-5415	#48-5470	#49-5665	#50-5324
#51-5492	#52-5441	#53-5669	#54-5509	#55-5458	#56-5712	#57-5396	#58-5709	#59-5715	#60-5319
#61-5598	#62-5610	#63-5418	#64-5409	#65-5488	#66-5270	#67-5706	#68-5656	#69-5593	#70-5511
#71-5694	#72-5341	#73-5359	#74-5615	#75-5677	#76-5639	#77-5619	#78-5258	#79-5386	#80-5544
#81-5390	#82-5521	#83-5365	#84-5567	#85-5453	#86-5591	#87-5708	#88-5392	#89-5343	#90-5556
#91-5278	#92-5684	#93-5406	#94-5384	#95-5374	#96-5408	#97-5296	#98-5611	#99-5335	#100-5513

Type 6 #8 [Back to Summary]									
#01-5390	#02-5478	#03-5596	#04-5402	#05-5350	#06-5403	#07-5330	#08-5294	#09-5558	#10-5538
#11-5325	#12-5394	#13-5569	#14-5411	#15-5651	#16-5324	#17-5502	#18-5573	#19-5679	#20-5618
#21-5285	#22-5557	#23-5567	#24-5283	#25-5490	#26-5259	#27-5660	#28-5696	#29-5496	#30-5521
#31-5606	#32-5260	#33-5646	#34-5599	#35-5417	#36-5647	#37-5663	#38-5695	#39-5474	#40-5309
#41-5519	#42-5666	#43-5568	#44-5534	#45-5487	#46-5612	#47-5370	#48-5253	#49-5465	#50-5305
#51-5637	#52-5451	#53-5673	#54-5445	#55-5481	#56-5555	#57-5635	#58-5559	#59-5638	#60-5340
#61-5463	#62-5360	#63-5522	#64-5284	#65-5661	#66-5316	#67-5468	#68-5698	#69-5718	#70-5254
#71-5387	#72-5528	#73-5343	#74-5617	#75-5345	#76-5348	#77-5713	#78-5278	#79-5514	#80-5602
#81-5611	#82-5655	#83-5470	#84-5437	#85-5607	#86-5397	#87-5313	#88-5442	#89-5363	#90-5582
#91-5261	#92-5353	#93-5306	#94-5386	#95-5564	#96-5413	#97-5392	#98-5535	#99-5604	#100-5427

Type 6 #9 [Back to Summary]									
#01-5389	#02-5403	#03-5262	#04-5467	#05-5640	#06-5357	#07-5361	#08-5303	#09-5354	#10-5390
#11-5573	#12-5608	#13-5292	#14-5285	#15-5457	#16-5543	#17-5613	#18-5333	#19-5406	#20-5512
#21-5252	#22-5277	#23-5584	#24-5388	#25-5719	#26-5291	#27-5479	#28-5682	#29-5306	#30-5661
#31-5681	#32-5432	#33-5407	#34-5344	#35-5469	#36-5465	#37-5644	#38-5260	#39-5531	#40-5506
#41-5289	#42-5263	#43-5346	#44-5701	#45-5264	#46-5383	#47-5314	#48-5273	#49-5660	#50-5279
#51-5532	#52-5317	#53-5394	#54-5353	#55-5436	#56-5373	#57-5555	#58-5607	#59-5483	#60-5605
#61-5615	#62-5417	#63-5250	#64-5431	#65-5443	#66-5405	#67-5470	#68-5678	#69-5556	#70-5718
#71-5628	#72-5603	#73-5538	#74-5630	#75-5481	#76-5715	#77-5663	#78-5609	#79-5378	#80-5593
#81-5706	#82-5459	#83-5275	#84-5282	#85-5393	#86-5625	#87-5301	#88-5313	#89-5647	#90-5358
#91-5641	#92-5296	#93-5520	#94-5654	#95-5619	#96-5606	#97-5261	#98-5650	#99-5523	#100-5590

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Type 6 #10 [Back to Summary]									
#01-5646	#02-5356	#03-5448	#04-5665	#05-5376	#06-5648	#07-5502	#08-5482	#09-5597	#10-5431
#11-5426	#12-5667	#13-5478	#14-5603	#15-5618	#16-5403	#17-5380	#18-5698	#19-5284	#20-5533
#21-5346	#22-5398	#23-5281	#24-5447	#25-5328	#26-5583	#27-5335	#28-5606	#29-5258	#30-5587
#31-5706	#32-5263	#33-5337	#34-5508	#35-5672	#36-5598	#37-5253	#38-5332	#39-5627	#40-5463
#41-5370	#42-5537	#43-5434	#44-5461	#45-5647	#46-5697	#47-5535	#48-5634	#49-5282	#50-5462
#51-5476	#52-5289	#53-5611	#54-5711	#55-5494	#56-5497	#57-5322	#58-5250	#59-5581	#60-5519
#61-5560	#62-5623	#63-5472	#64-5261	#65-5451	#66-5412	#67-5577	#68-5699	#69-5659	#70-5272
#71-5400	#72-5302	#73-5321	#74-5549	#75-5414	#76-5540	#77-5692	#78-5548	#79-5525	#80-5359
#81-5300	#82-5427	#83-5574	#84-5523	#85-5364	#86-5670	#87-5378	#88-5352	#89-5265	#90-5424
#91-5528	#92-5254	#93-5477	#94-5361	#95-5630	#96-5474	#97-5313	#98-5423	#99-5259	#100-5488

Type 6 #11 [Back to Summary]									
#01-5368	#02-5562	#03-5702	#04-5261	#05-5309	#06-5426	#07-5691	#08-5313	#09-5545	#10-5678
#11-5528	#12-5500	#13-5450	#14-5475	#15-5468	#16-5383	#17-5298	#18-5674	#19-5621	#20-5510
#21-5285	#22-5477	#23-5684	#24-5484	#25-5467	#26-5397	#27-5554	#28-5687	#29-5646	#30-5665
#31-5473	#32-5520	#33-5540	#34-5292	#35-5715	#36-5456	#37-5445	#38-5565	#39-5459	#40-5660
#41-5700	#42-5316	#43-5531	#44-5307	#45-5617	#46-5273	#47-5527	#48-5722	#49-5612	#50-5490
#51-5416	#52-5358	#53-5524	#54-5466	#55-5438	#56-5614	#57-5601	#58-5462	#59-5515	#60-5634
#61-5596	#62-5254	#63-5382	#64-5600	#65-5444	#66-5259	#67-5683	#68-5400	#69-5483	#70-5257
#71-5655	#72-5453	#73-5455	#74-5681	#75-5536	#76-5695	#77-5667	#78-5623	#79-5584	#80-5432
#81-5591	#82-5552	#83-5321	#84-5395	#85-5492	#86-5356	#87-5719	#88-5317	#89-5572	#90-5344
#91-5581	#92-5707	#93-5293	#94-5550	#95-5314	#96-5694	#97-5647	#98-5649	#99-5575	#100-5606

Type 6 #12 [Back to Summary]									
#01-5313	#02-5372	#03-5487	#04-5608	#05-5560	#06-5686	#07-5624	#08-5566	#09-5662	#10-5473
#11-5670	#12-5702	#13-5601	#14-5320	#15-5288	#16-5294	#17-5656	#18-5709	#19-5357	#20-5340
#21-5264	#22-5615	#23-5554	#24-5388	#25-5400	#26-5675	#27-5416	#28-5632	#29-5614	#30-5558
#31-5292	#32-5266	#33-5297	#34-5703	#35-5382	#36-5472	#37-5318	#38-5439	#39-5569	#40-5530
#41-5463	#42-5403	#43-5380	#44-5348	#45-5407	#46-5604	#47-5353	#48-5698	#49-5512	#50-5270
#51-5286	#52-5667	#53-5543	#54-5491	#55-5592	#56-5424	#57-5536	#58-5351	#59-5459	#60-5609
#61-5519	#62-5716	#63-5673	#64-5347	#65-5434	#66-5651	#67-5653	#68-5625	#69-5664	#70-5535
#71-5701	#72-5466	#73-5386	#74-5544	#75-5594	#76-5583	#77-5483	#78-5455	#79-5710	#80-5511
#81-5568	#82-5437	#83-5366	#84-5591	#85-5520	#86-5343	#87-5442	#88-5525	#89-5355	#90-5684
#91-5658	#92-5691	#93-5705	#94-5683	#95-5260	#96-5468	#97-5446	#98-5279	#99-5635	#100-5470

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Type 6 #13 [Back to Summary]									
#01-5675	#02-5450	#03-5282	#04-5697	#05-5293	#06-5542	#07-5530	#08-5722	#09-5614	#10-5256
#11-5657	#12-5328	#13-5368	#14-5665	#15-5286	#16-5331	#17-5592	#18-5329	#19-5547	#20-5336
#21-5458	#22-5378	#23-5518	#24-5706	#25-5603	#26-5261	#27-5490	#28-5427	#29-5535	#30-5377
#31-5389	#32-5457	#33-5549	#34-5484	#35-5569	#36-5373	#37-5411	#38-5400	#39-5557	#40-5708
#41-5544	#42-5448	#43-5640	#44-5351	#45-5274	#46-5586	#47-5577	#48-5288	#49-5651	#50-5659
#51-5607	#52-5376	#53-5461	#54-5558	#55-5267	#56-5550	#57-5656	#58-5303	#59-5344	#60-5283
#61-5305	#62-5358	#63-5439	#64-5493	#65-5598	#66-5456	#67-5507	#68-5613	#69-5352	#70-5639
#71-5646	#72-5446	#73-5499	#74-5566	#75-5514	#76-5258	#77-5463	#78-5417	#79-5684	#80-5271
#81-5413	#82-5454	#83-5503	#84-5606	#85-5496	#86-5260	#87-5720	#88-5714	#89-5468	#90-5269
#91-5438	#92-5360	#93-5309	#94-5525	#95-5661	#96-5437	#97-5263	#98-5402	#99-5485	#100-5553

Type 6 #14 [Back to Summary]									
#01-5327	#02-5690	#03-5662	#04-5262	#05-5265	#06-5410	#07-5602	#08-5620	#09-5293	#10-5257
#11-5342	#12-5491	#13-5348	#14-5324	#15-5595	#16-5573	#17-5579	#18-5559	#19-5721	#20-5584
#21-5458	#22-5515	#23-5394	#24-5333	#25-5448	#26-5536	#27-5392	#28-5701	#29-5633	#30-5326
#31-5723	#32-5310	#33-5660	#34-5387	#35-5668	#36-5445	#37-5514	#38-5487	#39-5587	#40-5337
#41-5382	#42-5353	#43-5673	#44-5460	#45-5652	#46-5676	#47-5264	#48-5707	#49-5647	#50-5334
#51-5581	#52-5427	#53-5405	#54-5618	#55-5339	#56-5534	#57-5545	#58-5577	#59-5537	#60-5452
#61-5269	#62-5626	#63-5712	#64-5689	#65-5259	#66-5281	#67-5550	#68-5682	#69-5379	#70-5402
#71-5307	#72-5345	#73-5696	#74-5632	#75-5454	#76-5361	#77-5563	#78-5656	#79-5406	#80-5495
#81-5520	#82-5412	#83-5299	#84-5546	#85-5467	#86-5543	#87-5629	#88-5289	#89-5298	#90-5383
#91-5619	#92-5657	#93-5672	#94-5386	#95-5317	#96-5480	#97-5365	#98-5706	#99-5447	#100-5621

Type 6 #15 [Back to Summary]									
#01-5371	#02-5304	#03-5579	#04-5500	#05-5275	#06-5493	#07-5454	#08-5492	#09-5417	#10-5705
#11-5693	#12-5613	#13-5427	#14-5293	#15-5654	#16-5583	#17-5575	#18-5412	#19-5474	#20-5438
#21-5369	#22-5516	#23-5636	#24-5722	#25-5504	#26-5370	#27-5391	#28-5563	#29-5568	#30-5697
#31-5719	#32-5586	#33-5459	#34-5502	#35-5368	#36-5466	#37-5553	#38-5525	#39-5523	#40-5696
#41-5338	#42-5385	#43-5599	#44-5314	#45-5408	#46-5258	#47-5479	#48-5631	#49-5451	#50-5457
#51-5629	#52-5672	#53-5480	#54-5259	#55-5503	#56-5585	#57-5388	#58-5582	#59-5720	#60-5626
#61-5343	#62-5616	#63-5649	#64-5437	#65-5709	#66-5351	#67-5396	#68-5650	#69-5643	#70-5429
#71-5277	#72-5298	#73-5614	#74-5498	#75-5339	#76-5704	#77-5640	#78-5562	#79-5555	#80-5488
#81-5615	#82-5483	#83-5349	#84-5352	#85-5315	#86-5292	#87-5347	#88-5447	#89-5250	#90-5518
#91-5321	#92-5695	#93-5530	#94-5622	#95-5597	#96-5445	#97-5462	#98-5399	#99-5327	#100-5300

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #16 [Back to Summary]									
#01-5583	#02-5555	#03-5711	#04-5269	#05-5430	#06-5576	#07-5307	#08-5704	#09-5637	#10-5518
#11-5665	#12-5547	#13-5271	#14-5475	#15-5259	#16-5585	#17-5505	#18-5538	#19-5373	#20-5662
#21-5254	#22-5673	#23-5647	#24-5376	#25-5359	#26-5305	#27-5494	#28-5718	#29-5625	#30-5616
#31-5487	#32-5483	#33-5481	#34-5503	#35-5634	#36-5313	#37-5499	#38-5337	#39-5651	#40-5462
#41-5714	#42-5371	#43-5536	#44-5449	#45-5573	#46-5496	#47-5678	#48-5300	#49-5610	#50-5263
#51-5668	#52-5648	#53-5280	#54-5393	#55-5298	#56-5631	#57-5627	#58-5580	#59-5630	#60-5377
#61-5330	#62-5316	#63-5329	#64-5272	#65-5282	#66-5426	#67-5319	#68-5486	#69-5563	#70-5675
#71-5338	#72-5420	#73-5609	#74-5628	#75-5674	#76-5602	#77-5386	#78-5441	#79-5523	#80-5581
#81-5353	#82-5443	#83-5357	#84-5611	#85-5679	#86-5560	#87-5455	#88-5343	#89-5454	#90-5250
#91-5405	#92-5643	#93-5425	#94-5522	#95-5389	#96-5653	#97-5294	#98-5517	#99-5423	#100-5398

Type 6 #17 [Back to Summary]									
#01-5435	#02-5439	#03-5461	#04-5665	#05-5654	#06-5498	#07-5285	#08-5371	#09-5447	#10-5414
#11-5504	#12-5437	#13-5308	#14-5298	#15-5275	#16-5610	#17-5684	#18-5440	#19-5321	#20-5441
#21-5695	#22-5699	#23-5280	#24-5566	#25-5521	#26-5413	#27-5718	#28-5339	#29-5495	#30-5270
#31-5565	#32-5590	#33-5266	#34-5379	#35-5400	#36-5637	#37-5710	#38-5416	#39-5682	#40-5427
#41-5533	#42-5336	#43-5619	#44-5293	#45-5479	#46-5690	#47-5584	#48-5378	#49-5502	#50-5509
#51-5691	#52-5581	#53-5452	#54-5713	#55-5425	#56-5465	#57-5404	#58-5621	#59-5393	#60-5492
#61-5510	#62-5670	#63-5604	#64-5421	#65-5577	#66-5636	#67-5415	#68-5653	#69-5622	#70-5358
#71-5623	#72-5519	#73-5478	#74-5615	#75-5632	#76-5603	#77-5325	#78-5714	#79-5335	#80-5549
#81-5554	#82-5586	#83-5560	#84-5712	#85-5301	#86-5704	#87-5381	#88-5276	#89-5673	#90-5659
#91-5474	#92-5334	#93-5264	#94-5443	#95-5644	#96-5576	#97-5454	#98-5438	#99-5432	#100-5557

Type 6 #18 [Back to Summary]									
#01-5521	#02-5653	#03-5479	#04-5384	#05-5605	#06-5423	#07-5350	#08-5557	#09-5329	#10-5545
#11-5382	#12-5420	#13-5531	#14-5572	#15-5660	#16-5641	#17-5355	#18-5616	#19-5369	#20-5596
#21-5496	#22-5391	#23-5705	#24-5685	#25-5609	#26-5532	#27-5495	#28-5283	#29-5696	#30-5297
#31-5400	#32-5608	#33-5520	#34-5500	#35-5278	#36-5629	#37-5356	#38-5429	#39-5354	#40-5603
#41-5602	#42-5555	#43-5674	#44-5378	#45-5526	#46-5306	#47-5533	#48-5421	#49-5507	#50-5256
#51-5471	#52-5566	#53-5320	#54-5569	#55-5311	#56-5377	#57-5676	#58-5517	#59-5494	#60-5318
#61-5652	#62-5314	#63-5587	#64-5277	#65-5395	#66-5497	#67-5625	#68-5274	#69-5541	#70-5279
#71-5534	#72-5657	#73-5504	#74-5485	#75-5717	#76-5669	#77-5442	#78-5575	#79-5404	#80-5552
#81-5250	#82-5326	#83-5492	#84-5692	#85-5550	#86-5562	#87-5536	#88-5684	#89-5435	#90-5630
#91-5682	#92-5563	#93-5656	#94-5286	#95-5681	#96-5530	#97-5699	#98-5640	#99-5714	#100-5276

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #19 [Back to Summary]									
#01-5412	#02-5506	#03-5607	#04-5480	#05-5448	#06-5549	#07-5307	#08-5558	#09-5577	#10-5371
#11-5661	#12-5349	#13-5364	#14-5675	#15-5319	#16-5574	#17-5541	#18-5624	#19-5455	#20-5557
#21-5689	#22-5665	#23-5563	#24-5639	#25-5322	#26-5696	#27-5723	#28-5466	#29-5531	#30-5424
#31-5694	#32-5522	#33-5584	#34-5372	#35-5385	#36-5465	#37-5439	#38-5266	#39-5487	#40-5250
#41-5499	#42-5704	#43-5351	#44-5312	#45-5690	#46-5579	#47-5443	#48-5706	#49-5688	#50-5353
#51-5720	#52-5320	#53-5430	#54-5401	#55-5313	#56-5471	#57-5662	#58-5687	#59-5403	#60-5478
#61-5547	#62-5561	#63-5270	#64-5394	#65-5399	#66-5379	#67-5490	#68-5714	#69-5533	#70-5576
#71-5375	#72-5521	#73-5380	#74-5453	#75-5300	#76-5709	#77-5560	#78-5497	#79-5668	#80-5467
#81-5495	#82-5265	#83-5503	#84-5425	#85-5428	#86-5621	#87-5336	#88-5426	#89-5302	#90-5638
#91-5528	#92-5475	#93-5591	#94-5258	#95-5419	#96-5659	#97-5679	#98-5677	#99-5634	#100-5555

Type 6 #20 [Back to Summary]									
#01-5338	#02-5457	#03-5419	#04-5366	#05-5702	#06-5446	#07-5665	#08-5704	#09-5348	#10-5330
#11-5635	#12-5418	#13-5268	#14-5659	#15-5707	#16-5532	#17-5308	#18-5565	#19-5688	#20-5506
#21-5289	#22-5310	#23-5653	#24-5616	#25-5297	#26-5624	#27-5661	#28-5375	#29-5279	#30-5369
#31-5275	#32-5600	#33-5582	#34-5368	#35-5386	#36-5291	#37-5571	#38-5393	#39-5456	#40-5712
#41-5679	#42-5364	#43-5333	#44-5699	#45-5253	#46-5361	#47-5462	#48-5646	#49-5277	#50-5614
#51-5601	#52-5373	#53-5717	#54-5389	#55-5518	#56-5280	#57-5526	#58-5525	#59-5320	#60-5327
#61-5509	#62-5543	#63-5672	#64-5706	#65-5307	#66-5284	#67-5557	#68-5626	#69-5529	#70-5664
#71-5682	#72-5641	#73-5367	#74-5700	#75-5547	#76-5645	#77-5701	#78-5675	#79-5605	#80-5656
#81-5423	#82-5262	#83-5350	#84-5395	#85-5484	#86-5625	#87-5602	#88-5453	#89-5564	#90-5354
#91-5486	#92-5299	#93-5322	#94-5384	#95-5455	#96-5398	#97-5421	#98-5351	#99-5639	#100-5693

Type 6 #21 [Back to Summary]									
#01-5525	#02-5553	#03-5370	#04-5334	#05-5658	#06-5684	#07-5254	#08-5263	#09-5557	#10-5591
#11-5300	#12-5571	#13-5635	#14-5380	#15-5628	#16-5492	#17-5444	#18-5535	#19-5469	#20-5396
#21-5395	#22-5354	#23-5307	#24-5427	#25-5429	#26-5639	#27-5578	#28-5710	#29-5499	#30-5410
#31-5487	#32-5606	#33-5283	#34-5646	#35-5387	#36-5594	#37-5618	#38-5261	#39-5454	#40-5528
#41-5632	#42-5600	#43-5622	#44-5706	#45-5303	#46-5645	#47-5384	#48-5669	#49-5472	#50-5687
#51-5671	#52-5599	#53-5598	#54-5495	#55-5545	#56-5417	#57-5490	#58-5672	#59-5630	#60-5271
#61-5352	#62-5269	#63-5483	#64-5393	#65-5350	#66-5418	#67-5534	#68-5718	#69-5716	#70-5287
#71-5597	#72-5431	#73-5330	#74-5667	#75-5486	#76-5517	#77-5455	#78-5323	#79-5368	#80-5508
#81-5498	#82-5636	#83-5480	#84-5538	#85-5460	#86-5608	#87-5251	#88-5507	#89-5339	#90-5694
#91-5343	#92-5675	#93-5349	#94-5428	#95-5415	#96-5610	#97-5358	#98-5471	#99-5601	#100-5607

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #22 [Back to Summary]									
#01-5355	#02-5395	#03-5675	#04-5438	#05-5332	#06-5488	#07-5522	#08-5659	#09-5258	#10-5280
#11-5688	#12-5421	#13-5548	#14-5373	#15-5498	#16-5449	#17-5510	#18-5673	#19-5654	#20-5470
#21-5417	#22-5277	#23-5624	#24-5273	#25-5664	#26-5652	#27-5328	#28-5622	#29-5497	#30-5603
#31-5408	#32-5709	#33-5448	#34-5489	#35-5402	#36-5353	#37-5685	#38-5298	#39-5457	#40-5703
#41-5337	#42-5316	#43-5504	#44-5311	#45-5254	#46-5648	#47-5376	#48-5707	#49-5658	#50-5698
#51-5352	#52-5413	#53-5545	#54-5383	#55-5442	#56-5326	#57-5500	#58-5646	#59-5502	#60-5404
#61-5409	#62-5616	#63-5415	#64-5378	#65-5594	#66-5705	#67-5695	#68-5305	#69-5692	#70-5390
#71-5490	#72-5463	#73-5471	#74-5676	#75-5380	#76-5348	#77-5511	#78-5564	#79-5267	#80-5262
#81-5535	#82-5346	#83-5687	#84-5530	#85-5508	#86-5722	#87-5418	#88-5314	#89-5297	#90-5325
#91-5585	#92-5283	#93-5533	#94-5302	#95-5552	#96-5447	#97-5627	#98-5371	#99-5446	#100-5275

Type 6 #23 [Back to Summary]									
#01-5679	#02-5316	#03-5262	#04-5520	#05-5460	#06-5618	#07-5669	#08-5589	#09-5724	#10-5339
#11-5548	#12-5656	#13-5631	#14-5482	#15-5596	#16-5309	#17-5654	#18-5610	#19-5598	#20-5593
#21-5534	#22-5627	#23-5257	#24-5614	#25-5525	#26-5448	#27-5659	#28-5410	#29-5379	#30-5664
#31-5441	#32-5377	#33-5367	#34-5717	#35-5306	#36-5459	#37-5333	#38-5416	#39-5312	#40-5605
#41-5299	#42-5545	#43-5318	#44-5687	#45-5498	#46-5649	#47-5373	#48-5288	#49-5428	#50-5484
#51-5508	#52-5266	#53-5493	#54-5565	#55-5457	#56-5298	#57-5308	#58-5371	#59-5712	#60-5255
#61-5685	#62-5504	#63-5455	#64-5313	#65-5616	#66-5418	#67-5538	#68-5639	#69-5425	#70-5386
#71-5700	#72-5486	#73-5550	#74-5716	#75-5543	#76-5714	#77-5560	#78-5294	#79-5363	#80-5602
#81-5331	#82-5617	#83-5707	#84-5621	#85-5400	#86-5427	#87-5606	#88-5522	#89-5502	#90-5258
#91-5402	#92-5689	#93-5429	#94-5305	#95-5648	#96-5517	#97-5342	#98-5254	#99-5322	#100-5337

Type 6 #24 [Back to Summary]									
#01-5363	#02-5460	#03-5589	#04-5294	#05-5511	#06-5273	#07-5442	#08-5504	#09-5271	#10-5472
#11-5463	#12-5260	#13-5255	#14-5360	#15-5653	#16-5318	#17-5525	#18-5564	#19-5635	#20-5437
#21-5536	#22-5262	#23-5384	#24-5420	#25-5706	#26-5261	#27-5310	#28-5496	#29-5321	#30-5278
#31-5627	#32-5561	#33-5704	#34-5286	#35-5495	#36-5598	#37-5284	#38-5668	#39-5368	#40-5383
#41-5714	#42-5362	#43-5510	#44-5292	#45-5527	#46-5400	#47-5685	#48-5329	#49-5388	#50-5590
#51-5251	#52-5513	#53-5352	#54-5611	#55-5533	#56-5357	#57-5335	#58-5428	#59-5320	#60-5506
#61-5693	#62-5675	#63-5443	#64-5723	#65-5576	#66-5633	#67-5285	#68-5698	#69-5595	#70-5312
#71-5291	#72-5583	#73-5453	#74-5509	#75-5454	#76-5429	#77-5486	#78-5350	#79-5626	#80-5567
#81-5306	#82-5709	#83-5370	#84-5464	#85-5275	#86-5377	#87-5468	#88-5355	#89-5488	#90-5399
#91-5528	#92-5592	#93-5609	#94-5596	#95-5417	#96-5296	#97-5651	#98-5517	#99-5447	#100-5622

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
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Type 6 #25 [Back to Summary]									
#01-5362	#02-5711	#03-5456	#04-5323	#05-5549	#06-5397	#07-5307	#08-5568	#09-5408	#10-5352
#11-5597	#12-5707	#13-5523	#14-5478	#15-5448	#16-5706	#17-5563	#18-5701	#19-5698	#20-5451
#21-5420	#22-5655	#23-5467	#24-5450	#25-5515	#26-5425	#27-5700	#28-5585	#29-5340	#30-5405
#31-5501	#32-5695	#33-5627	#34-5256	#35-5445	#36-5312	#37-5503	#38-5285	#39-5632	#40-5600
#41-5306	#42-5616	#43-5664	#44-5375	#45-5518	#46-5532	#47-5308	#48-5371	#49-5386	#50-5427
#51-5453	#52-5667	#53-5531	#54-5714	#55-5440	#56-5428	#57-5493	#58-5253	#59-5536	#60-5366
#61-5415	#62-5447	#63-5476	#64-5723	#65-5577	#66-5620	#67-5326	#68-5517	#69-5276	#70-5380
#71-5459	#72-5529	#73-5318	#74-5347	#75-5390	#76-5537	#77-5716	#78-5336	#79-5657	#80-5705
#81-5363	#82-5582	#83-5444	#84-5640	#85-5678	#86-5560	#87-5416	#88-5639	#89-5541	#90-5267
#91-5550	#92-5498	#93-5480	#94-5512	#95-5426	#96-5590	#97-5387	#98-5666	#99-5528	#100-5623

Type 6 #26 [Back to Summary]									
#01-5453	#02-5520	#03-5344	#04-5254	#05-5697	#06-5650	#07-5596	#08-5428	#09-5569	#10-5639
#11-5437	#12-5402	#13-5319	#14-5549	#15-5253	#16-5564	#17-5250	#18-5557	#19-5292	#20-5269
#21-5452	#22-5414	#23-5703	#24-5262	#25-5563	#26-5682	#27-5300	#28-5533	#29-5645	#30-5529
#31-5386	#32-5302	#33-5537	#34-5287	#35-5505	#36-5576	#37-5484	#38-5442	#39-5670	#40-5283
#41-5687	#42-5717	#43-5325	#44-5623	#45-5554	#46-5393	#47-5427	#48-5655	#49-5507	#50-5593
#51-5587	#52-5560	#53-5626	#54-5506	#55-5419	#56-5291	#57-5541	#58-5337	#59-5416	#60-5267
#61-5606	#62-5317	#63-5504	#64-5293	#65-5500	#66-5389	#67-5597	#68-5288	#69-5301	#70-5408
#71-5336	#72-5535	#73-5618	#74-5261	#75-5313	#76-5463	#77-5351	#78-5335	#79-5435	#80-5423
#81-5509	#82-5373	#83-5277	#84-5311	#85-5674	#86-5556	#87-5403	#88-5279	#89-5598	#90-5472
#91-5282	#92-5405	#93-5276	#94-5660	#95-5410	#96-5630	#97-5466	#98-5289	#99-5377	#100-5425

Type 6 #27 [Back to Summary]									
#01-5526	#02-5392	#03-5610	#04-5350	#05-5511	#06-5301	#07-5673	#08-5616	#09-5454	#10-5688
#11-5670	#12-5463	#13-5629	#14-5724	#15-5484	#16-5482	#17-5288	#18-5451	#19-5342	#20-5677
#21-5716	#22-5562	#23-5419	#24-5551	#25-5375	#26-5653	#27-5508	#28-5683	#29-5579	#30-5404
#31-5251	#32-5310	#33-5682	#34-5265	#35-5613	#36-5360	#37-5481	#38-5644	#39-5515	#40-5614
#41-5597	#42-5502	#43-5544	#44-5622	#45-5517	#46-5536	#47-5488	#48-5273	#49-5412	#50-5641
#51-5578	#52-5253	#53-5660	#54-5411	#55-5418	#56-5689	#57-5696	#58-5305	#59-5699	#60-5574
#61-5510	#62-5712	#63-5283	#64-5295	#65-5684	#66-5601	#67-5497	#68-5607	#69-5354	#70-5370
#71-5252	#72-5364	#73-5658	#74-5445	#75-5324	#76-5455	#77-5268	#78-5520	#79-5284	#80-5559
#81-5407	#82-5478	#83-5513	#84-5661	#85-5547	#86-5722	#87-5372	#88-5509	#89-5564	#90-5650
#91-5386	#92-5423	#93-5671	#94-5656	#95-5345	#96-5606	#97-5464	#98-5493	#99-5657	#100-5630

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#01-5283	#02-5604	#03-5642	#04-5293	#05-5641	#06-5466	#07-5316	#08-5459	#09-5343	#10-5687
#11-5669	#12-5422	#13-5272	#14-5386	#15-5419	#16-5281	#17-5448	#18-5347	#19-5475	#20-5690
#21-5488	#22-5715	#23-5298	#24-5429	#25-5708	#26-5550	#27-5416	#28-5251	#29-5355	#30-5439
#31-5712	#32-5496	#33-5585	#34-5373	#35-5533	#36-5535	#37-5571	#38-5478	#39-5271	#40-5335
#41-5657	#42-5638	#43-5425	#44-5606	#45-5709	#46-5692	#47-5403	#48-5541	#49-5495	#50-5319
#51-5417	#52-5377	#53-5280	#54-5698	#55-5401	#56-5295	#57-5560	#58-5468	#59-5310	#60-5345
#61-5302	#62-5318	#63-5362	#64-5629	#65-5697	#66-5435	#67-5566	#68-5625	#69-5581	#70-5611
#71-5442	#72-5694	#73-5326	#74-5389	#75-5278	#76-5570	#77-5543	#78-5420	#79-5449	#80-5263
#81-5397	#82-5603	#83-5490	#84-5285	#85-5267	#86-5589	#87-5467	#88-5614	#89-5693	#90-5494
#91-5700	#92-5358	#93-5418	#94-5653	#95-5288	#96-5594	#97-5534	#98-5522	#99-5632	#100-5531

Type 6 #29 [Back to Summary]									
#01-5380	#02-5503	#03-5685	#04-5606	#05-5607	#06-5445	#07-5303	#08-5620	#09-5668	#10-5555
#11-5475	#12-5390	#13-5272	#14-5293	#15-5674	#16-5421	#17-5554	#18-5324	#19-5612	#20-5363
#21-5695	#22-5677	#23-5654	#24-5342	#25-5635	#26-5331	#27-5528	#28-5395	#29-5351	#30-5413
#31-5284	#32-5270	#33-5510	#34-5634	#35-5605	#36-5615	#37-5642	#38-5596	#39-5401	#40-5543
#41-5527	#42-5562	#43-5666	#44-5385	#45-5258	#46-5556	#47-5332	#48-5372	#49-5707	#50-5583
#51-5287	#52-5458	#53-5631	#54-5512	#55-5559	#56-5428	#57-5569	#58-5589	#59-5697	#60-5519
#61-5641	#62-5633	#63-5509	#64-5497	#65-5515	#66-5450	#67-5601	#68-5358	#69-5406	#70-5305
#71-5496	#72-5682	#73-5649	#74-5312	#75-5551	#76-5375	#77-5259	#78-5513	#79-5333	#80-5326
#81-5724	#82-5407	#83-5414	#84-5482	#85-5371	#86-5548	#87-5361	#88-5718	#89-5319	#90-5431
#91-5292	#92-5298	#93-5632	#94-5597	#95-5629	#96-5619	#97-5294	#98-5411	#99-5586	#100-5523

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#01-5677	#02-5695	#03-5687	#04-5645	#05-5331	#06-5332	#07-5534	#08-5565	#09-5681	#10-5431
#11-5416	#12-5300	#13-5506	#14-5613	#15-5523	#16-5480	#17-5468	#18-5279	#19-5380	#20-5694
#21-5342	#22-5610	#23-5288	#24-5704	#25-5260	#26-5454	#27-5297	#28-5298	#29-5408	#30-5660
#31-5335	#32-5574	#33-5651	#34-5530	#35-5377	#36-5278	#37-5445	#38-5491	#39-5406	#40-5292
#41-5265	#42-5524	#43-5286	#44-5615	#45-5262	#46-5719	#47-5517	#48-5267	#49-5328	#50-5402
#51-5404	#52-5268	#53-5282	#54-5622	#55-5441	#56-5321	#57-5655	#58-5710	#59-5635	#60-5599
#61-5290	#62-5493	#63-5415	#64-5273	#65-5358	#66-5570	#67-5379	#68-5702	#69-5495	#70-5501
#71-5296	#72-5706	#73-5598	#74-5349	#75-5675	#76-5548	#77-5578	#78-5405	#79-5689	#80-5269
#81-5662	#82-5285	#83-5697	#84-5257	#85-5514	#86-5325	#87-5549	#88-5291	#89-5356	#90-5320
#91-5362	#92-5465	#93-5581	#94-5535	#95-5255	#96-5507	#97-5373	#98-5266	#99-5521	#100-5430

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	15	597629	71	0	0	152300	750000
2	3	15	29849	63	1590	1173	717199	750000
3	3	15	112777	98	1916	1095	633918	750000
4	3	15	247963	65	1096	1367	499379	750000
5	1	15	45785	74	0	0	704141	750000
6	3	15	410927	78	1706	1678	335455	750000
7	1	15	108528	100	0	0	641372	750000
8	1	15	235336	61	0	0	514603	750000
9	3	15	335993	56	1131	1745	410963	750000
10	3	15	422900	60	1164	1528	324228	750000
11	2	15	183585	65	1610	0	564675	750000
12	2	15	23814	81	1789	0	724235	750000
13	2	15	546946	59	1124	0	201812	750000
14	3	15	333219	90	1304	1067	414140	750000
15	3	15	503217	80	1938	1200	243405	750000
16	3	15	5065	54	1482	1394	741897	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	13	743033	85	1604	1061	254047	1000000
2	2	13	719286	98	1621	0	278897	1000000
3	1	13	461193	70	0	0	538737	1000000
4	3	13	548197	56	1626	1708	448301	1000000
5	3	13	636004	86	1889	1703	360146	1000000
6	1	13	93175	59	0	0	906766	1000000
7	3	13	146985	77	1235	1404	850145	1000000
8	2	13	256392	53	1848	0	741654	1000000
9	3	13	533382	54	1009	1034	464413	1000000
10	3	13	708241	54	1231	1515	288851	1000000
11	1	13	716198	54	0	0	283748	1000000
12	2	13	763246	81	1106	0	235486	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	2	7	485558	54	1773	0	369703	857142
2	3	7	752046	70	1292	1999	101595	857142
3	3	7	463277	51	1103	1572	391037	857142
4	2	7	270874	80	1835	0	584273	857142
5	2	7	635454	72	1025	0	220519	857142
6	3	7	450656	75	1965	1610	402686	857142
7	3	7	811163	54	1623	1314	42880	857142
8	2	7	325733	65	1714	0	529565	857142
9	3	7	573118	85	1586	1002	281181	857142
10	1	7	577728	96	0	0	279318	857142
11	3	7	106430	57	1723	1340	747478	857142
12	1	7	29311	75	0	0	827756	857142
13	1	7	109088	89	0	0	747965	857142
14	1	7	39969	98	0	0	817075	857142

Type 5 #4 5310 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	80988	80	1336	1857	772721	857142
2	3	8	822977	83	1704	1777	30435	857142
3	3	8	200400	95	1974	1785	652698	857142
4	3	8	469696	96	1055	1377	384726	857142
5	2	8	222675	99	1855	0	632414	857142
6	1	8	365539	54	0	0	491549	857142
7	3	8	325558	87	1744	1375	528204	857142
8	2	8	5187	99	1376	0	850381	857142
9	1	8	41213	58	0	0	815871	857142
10	3	8	515174	63	1807	1004	338968	857142
11	1	8	675522	81	0	0	181539	857142
12	2	8	341732	88	1239	0	513995	857142
13	2	8	23196	85	1704	0	832072	857142
14	1	8	477251	61	0	0	379830	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	1	6	669620	63	0	0	80317	750000
2	3	6	328336	54	1998	1470	418034	750000
3	3	6	651470	87	1116	1199	95954	750000
4	2	6	654668	58	1041	0	94175	750000
5	1	6	44149	79	0	0	705772	750000
6	3	6	227581	79	1852	1250	519080	750000
7	2	6	393025	75	1537	0	355288	750000
8	1	6	638701	94	0	0	111205	750000
9	2	6	533874	98	1617	0	214313	750000
10	1	6	617327	52	0	0	132621	750000
11	3	6	154067	61	1241	1898	592611	750000
12	3	6	380489	84	1665	1833	365761	750000
13	1	6	101462	61	0	0	648477	750000
14	1	6	527764	62	0	0	222174	750000
15	1	6	550890	89	0	0	199021	750000
16	1	6	521814	79	0	0	228107	750000

Type 5 #6 5323 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	42157	78	0	0	624431	666666
2	3	13	292201	90	1331	1762	371102	666666
3	1	13	170148	75	0	0	496443	666666
4	3	13	315346	85	1129	1552	348384	666666
5	1	13	324499	88	0	0	342079	666666
6	2	13	27707	86	1125	0	637662	666666
7	2	13	642551	88	1060	0	22879	666666
8	1	13	47991	83	0	0	618592	666666
9	2	13	146643	73	1248	0	518629	666666
10	1	13	567342	86	0	0	99238	666666
11	1	13	125335	58	0	0	541273	666666
12	2	13	181055	87	1350	0	484087	666666
13	2	13	442549	71	1555	0	222420	666666
14	1	13	461220	86	0	0	205360	666666
15	3	13	451403	70	1377	1139	212537	666666
16	1	13	150930	57	0	0	515679	666666
17	2	13	186077	77	1595	0	478840	666666
18	3	13	255667	90	1115	1037	408577	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	2	5	139505	76	1336	0	525673	666666
2	1	5	490437	87	0	0	176142	666666
3	3	5	86364	74	1183	1092	577805	666666
4	1	5	552826	58	0	0	113782	666666
5	3	5	572540	52	1657	1275	91038	666666
6	3	5	428998	84	1306	1306	234804	666666
7	2	5	360456	65	1071	0	305009	666666
8	3	5	638738	89	1016	1167	25478	666666
9	1	5	414174	72	0	0	252420	666666
10	1	5	117242	86	0	0	549338	666666
11	1	5	74156	82	0	0	592428	666666
12	3	5	190032	97	1241	1134	473968	666666
13	2	5	123574	72	1329	0	541619	666666
14	3	5	258986	95	1020	1227	405148	666666
15	2	5	59894	55	1661	0	605001	666666
16	2	5	599968	92	1817	0	64697	666666
17	3	5	471478	63	1130	1486	192383	666666
18	1	5	199773	55	0	0	466838	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	2	10	548810	98	1263	0	199731	750000
2	1	10	591023	74	0	0	158903	750000
3	3	10	230278	76	1259	1177	517058	750000
4	2	10	425717	66	1693	0	322458	750000
5	1	10	128592	60	0	0	621348	750000
6	1	10	39842	85	0	0	710073	750000
7	1	10	282603	85	0	0	467312	750000
8	1	10	494178	78	0	0	255744	750000
9	2	10	364049	64	1510	0	384313	750000
10	3	10	4557	67	1693	1491	742058	750000
11	1	10	276093	94	0	0	473813	750000
12	1	10	148055	67	0	0	601878	750000
13	2	10	20378	68	1092	0	728394	750000
14	1	10	61971	72	0	0	687957	750000
15	1	10	460163	57	0	0	289780	750000
16	2	10	136914	83	1852	0	611068	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	19	255233	84	1699	1675	372719	631578
2	2	19	232745	68	1029	0	397668	631578
3	1	19	548110	64	0	0	83404	631578
4	2	19	165245	91	1053	0	465098	631578
5	2	19	520610	67	1222	0	109612	631578
6	1	19	616694	51	0	0	14833	631578
7	3	19	259780	99	1832	1576	368093	631578
8	3	19	470135	66	1416	1246	158583	631578
9	3	19	224180	56	1257	1244	404729	631578
10	2	19	18668	59	1701	0	611091	631578
11	3	19	192093	80	1477	1335	436433	631578
12	3	19	105611	99	1373	1012	523285	631578
13	3	19	88810	77	1454	1833	539250	631578
14	1	19	556232	70	0	0	75276	631578
15	2	19	94159	76	1227	0	536040	631578
16	2	19	172899	93	1651	0	456842	631578
17	1	19	621257	98	0	0	10223	631578
18	3	19	174563	53	1262	1023	454571	631578
19	2	19	167208	87	1507	0	462689	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	5	77755	64	1222	0	920895	1000000
2	3	5	107490	55	1497	1156	889692	1000000
3	3	5	430878	94	1119	1984	565737	1000000
4	2	5	129748	93	1981	0	868085	1000000
5	3	5	276223	77	1491	1783	720272	1000000
6	3	5	110820	72	1513	1338	886113	1000000
7	3	5	32391	95	1727	1256	964341	1000000
8	3	5	663531	89	1868	1156	333178	1000000
9	3	5	455626	69	1967	1221	540979	1000000
10	3	5	690825	67	1157	1417	306400	1000000
11	2	5	797203	65	1935	0	200732	1000000
12	3	5	391088	95	1770	1394	605463	1000000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	537193	55	0	0	262752	800000
2	2	18	247788	92	1916	0	550112	800000
3	2	18	788322	58	1056	0	10506	800000
4	3	18	487074	65	1442	1034	310255	800000
5	1	18	122583	57	0	0	677360	800000
6	1	18	90330	70	0	0	709600	800000
7	3	18	686729	95	1904	1100	109982	800000
8	1	18	630664	52	0	0	169284	800000
9	1	18	244662	77	0	0	555261	800000
10	2	18	85263	66	1550	0	713055	800000
11	2	18	226136	90	1081	0	572603	800000
12	1	18	698171	98	0	0	101731	800000
13	1	18	770645	55	0	0	29300	800000
14	2	18	460188	90	1633	0	337999	800000
15	1	18	522479	58	0	0	277463	800000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	10	459448	90	0	0	246344	705882
2	2	10	220176	71	1293	0	484271	705882
3	3	10	100213	62	1621	1824	602038	705882
4	2	10	260289	95	1046	0	444357	705882
5	3	10	342198	79	1673	1094	360680	705882
6	3	10	694547	65	1758	1892	7490	705882
7	2	10	178524	96	1729	0	525437	705882
8	2	10	489826	75	1990	0	213916	705882
9	2	10	170338	86	1184	0	534188	705882
10	1	10	8258	83	0	0	697541	705882
11	1	10	277001	64	0	0	428817	705882
12	2	10	82672	56	1523	0	621575	705882
13	3	10	180202	100	1103	1420	522857	705882
14	1	10	153563	96	0	0	552223	705882
15	1	10	274510	70	0	0	431302	705882
16	3	10	555416	64	1086	1955	147233	705882
17	1	10	402065	72	0	0	303745	705882

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Type 5 #13 5310 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	644129	91	0	0	446689	1090909
2	2	13	76858	62	1679	0	1012248	1090909
3	3	13	482638	97	1912	1327	604741	1090909
4	3	13	120139	81	1570	1890	967067	1090909
5	2	13	951321	58	1613	0	137859	1090909
6	1	13	590825	67	0	0	500017	1090909
7	1	13	432760	77	0	0	658072	1090909
8	1	13	887139	71	0	0	203699	1090909
9	1	13	753709	57	0	0	337143	1090909
10	1	13	958292	61	0	0	132556	1090909
11	3	13	269821	70	1199	1588	818091	1090909

Type 5 #14 5310 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	15	796590	74	0	0	60478	857142
2	1	15	478634	52	0	0	378456	857142
3	2	15	26910	55	1932	0	828190	857142
4	2	15	526710	90	1419	0	328833	857142
5	2	15	206945	78	1940	0	648101	857142
6	3	15	789904	96	1147	1947	63856	857142
7	3	15	310267	59	1989	1619	543090	857142
8	2	15	543774	82	1219	0	311985	857142
9	2	15	845263	84	1600	0	10111	857142
10	2	15	710567	58	1087	0	145372	857142
11	1	15	822035	100	0	0	35007	857142
12	3	15	158501	74	1229	1562	695628	857142
13	1	15	562671	63	0	0	294408	857142
14	3	15	390712	98	1288	1259	463589	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	1	6	647436	51	0	0	19179	666666
2	2	6	63372	99	1860	0	601236	666666
3	2	6	47432	60	1001	0	618113	666666
4	3	6	349473	55	1072	1203	314753	666666
5	1	6	567423	51	0	0	99192	666666
6	1	6	634966	60	0	0	31640	666666
7	1	6	44683	52	0	0	621931	666666
8	1	6	304361	95	0	0	362210	666666
9	3	6	305184	80	1599	1206	358437	666666
10	2	6	417928	50	1716	0	246922	666666
11	1	6	476283	63	0	0	190320	666666
12	1	6	559668	71	0	0	106927	666666
13	1	6	618457	54	0	0	48155	666666
14	1	6	524297	53	0	0	142316	666666
15	1	6	533953	54	0	0	132659	666666
16	3	6	401709	82	1421	1357	261933	666666
17	1	6	331688	64	0	0	334914	666666
18	3	6	458357	56	1102	1579	205460	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	1	20	95493	59	0	0	654448	750000
2	3	20	364676	69	1136	1340	382641	750000
3	3	20	628684	79	1141	1857	118081	750000
4	3	20	52042	61	1715	1125	694935	750000
5	3	20	261790	57	1494	1824	484721	750000
6	1	20	644629	55	0	0	105316	750000
7	2	20	38340	93	1717	0	709757	750000
8	1	20	120766	91	0	0	629143	750000
9	3	20	719728	54	1009	1026	28075	750000
10	3	20	389422	58	1849	1682	356873	750000
11	2	20	166853	98	1984	0	580967	750000
12	2	20	89619	93	1756	0	658439	750000
13	2	20	212011	89	1054	0	536757	750000
14	1	20	569239	55	0	0	180706	750000
15	2	20	730748	75	1965	0	17137	750000
16	3	20	132308	56	1944	1863	613717	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	20	966859	87	1993	1829	29058	1000000
2	2	20	243607	69	1816	0	754439	1000000
3	3	20	59438	73	1678	1583	937082	1000000
4	3	20	8182	84	1021	1555	988990	1000000
5	3	20	608183	55	1690	1981	387981	1000000
6	3	20	377773	56	1141	1718	619200	1000000
7	2	20	450687	55	1961	0	547242	1000000
8	1	20	442825	80	0	0	557095	1000000
9	2	20	326493	57	1485	0	671908	1000000
10	1	20	948640	65	0	0	51295	1000000
11	1	20	725527	71	0	0	274402	1000000
12	1	20	990283	87	0	0	9630	1000000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	163265	67	0	0	759744	923076
2	3	6	889784	55	1766	1225	30136	923076
3	3	6	732710	78	1237	1953	186942	923076
4	2	6	179386	75	1434	0	742106	923076
5	2	6	773628	86	1378	0	147898	923076
6	1	6	392416	62	0	0	530598	923076
7	3	6	136923	58	1037	1384	783558	923076
8	3	6	665511	57	1138	1213	255043	923076
9	1	6	146950	72	0	0	776054	923076
10	1	6	178280	89	0	0	744707	923076
11	1	6	725145	63	0	0	197868	923076
12	3	6	117558	93	1629	1922	801688	923076
13	3	6	460059	76	1763	1559	459467	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	19	709368	68	1221	0	789275	1500000
2	1	19	784444	63	0	0	715493	1500000
3	3	19	846674	73	1548	1270	650289	1500000
4	2	19	778415	62	1477	0	719984	1500000
5	3	19	1436432	83	1010	1348	60961	1500000
6	3	19	1074036	65	1834	1630	422305	1500000
7	2	19	618699	64	1726	0	879447	1500000
8	3	19	1457176	72	1778	1372	39458	1500000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	8	9282	99	1276	0	846386	857142
2	2	8	747337	98	1715	0	107894	857142
3	2	8	181595	76	1299	0	674096	857142
4	3	8	516345	81	1743	1901	336910	857142
5	3	8	125894	56	1348	1041	728691	857142
6	1	8	810026	84	0	0	47032	857142
7	1	8	630472	73	0	0	226597	857142
8	3	8	288562	68	1804	1707	564865	857142
9	1	8	218195	77	0	0	638870	857142
10	3	8	594918	74	1424	1665	258913	857142
11	2	8	773939	53	1506	0	81591	857142
12	3	8	733032	97	1334	1743	120742	857142
13	1	8	334152	84	0	0	522906	857142
14	1	8	294922	88	0	0	562132	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	2	15	80591	56	1582	0	584381	666666
2	3	15	186820	86	1423	1603	476562	666666
3	1	15	555765	98	0	0	110803	666666
4	1	15	643654	71	0	0	22941	666666
5	3	15	574619	74	1980	1869	87976	666666
6	3	15	581599	86	1211	1321	82277	666666
7	2	15	510672	64	1858	0	154008	666666
8	1	15	637242	92	0	0	29332	666666
9	3	15	128149	72	1429	1675	535197	666666
10	1	15	212731	92	0	0	453843	666666
11	1	15	46053	67	0	0	620546	666666
12	1	15	648712	81	0	0	17873	666666
13	1	15	341825	62	0	0	324779	666666
14	1	15	437113	53	0	0	229500	666666
15	3	15	393498	55	1886	1064	270053	666666
16	1	15	31233	50	0	0	635383	666666
17	2	15	520753	59	1963	0	143832	666666
18	3	15	368190	92	1002	1430	295768	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	2	9	283656	99	1890	0	571398	857142
2	2	9	846533	78	1994	0	8459	857142
3	3	9	54445	66	1554	1521	799424	857142
4	1	9	61944	56	0	0	795142	857142
5	1	9	151231	78	0	0	705833	857142
6	3	9	609702	55	1631	1596	244048	857142
7	2	9	844278	73	1564	0	11154	857142
8	1	9	614592	56	0	0	242494	857142
9	1	9	343599	82	0	0	513461	857142
10	3	9	366750	97	1511	1448	487142	857142
11	2	9	366872	59	1567	0	488585	857142
12	1	9	612901	52	0	0	244189	857142
13	2	9	765041	61	1738	0	90241	857142
14	2	9	68005	79	1485	0	787494	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	11	318141	72	1040	1156	1012780	1333333
2	1	11	224038	83	0	0	1109212	1333333
3	2	11	180846	76	1847	0	1150488	1333333
4	1	11	541161	97	0	0	792075	1333333
5	2	11	101524	74	1444	0	1230217	1333333
6	3	11	497780	61	1452	1757	832161	1333333
7	2	11	634640	77	1075	0	697464	1333333
8	3	11	398756	62	1894	1822	930675	1333333
9	2	11	50280	50	1792	0	1281161	1333333

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	584007	77	0	0	47494	631578
2	2	14	288482	88	1965	0	340955	631578
3	3	14	42014	71	1282	1348	586721	631578
4	2	14	601996	84	1632	0	27782	631578
5	1	14	80506	99	0	0	550973	631578
6	3	14	307027	71	1889	1796	320653	631578
7	1	14	489744	57	0	0	141777	631578
8	2	14	24311	50	1385	0	605782	631578
9	1	14	230470	64	0	0	401044	631578
10	3	14	134741	95	1297	1669	493586	631578
11	2	14	587567	52	1745	0	42162	631578
12	2	14	11485	51	1609	0	618382	631578
13	1	14	324056	94	0	0	307428	631578
14	3	14	575108	86	1276	1799	53137	631578
15	1	14	375880	53	0	0	255645	631578
16	3	14	152780	84	1462	1613	475471	631578
17	2	14	133702	88	1636	0	496064	631578
18	2	14	135410	66	1662	0	494374	631578
19	2	14	18002	70	1822	0	611614	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	20	141560	75	1094	0	780272	923076
2	2	20	233252	80	1150	0	688514	923076
3	1	20	295989	71	0	0	627016	923076
4	2	20	277405	62	1229	0	644318	923076
5	2	20	331691	69	1615	0	589632	923076
6	1	20	210688	83	0	0	712305	923076
7	2	20	201174	76	1571	0	720179	923076
8	1	20	614064	82	0	0	308930	923076
9	1	20	784294	71	0	0	138711	923076
10	1	20	108590	54	0	0	814432	923076
11	1	20	747274	51	0	0	175751	923076
12	3	20	550967	57	1520	1766	368652	923076
13	3	20	267790	62	1735	1026	652339	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	228557	55	0	0	521388	750000
2	2	16	508222	97	1159	0	240425	750000
3	1	16	181990	77	0	0	567933	750000
4	1	16	315458	82	0	0	434460	750000
5	3	16	498411	69	1051	1630	248701	750000
6	2	16	702962	93	1930	0	44922	750000
7	2	16	463854	74	1595	0	284403	750000
8	2	16	377990	100	1927	0	369883	750000
9	1	16	110909	60	0	0	639031	750000
10	1	16	232407	70	0	0	517523	750000
11	2	16	710714	95	1856	0	37240	750000
12	3	16	327696	84	1630	1072	419350	750000
13	1	16	496638	72	0	0	253290	750000
14	1	16	453832	61	0	0	296107	750000
15	2	16	530036	66	1826	0	218006	750000
16	3	16	360709	96	1597	1161	386245	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	11	637734	54	1839	0	160319	800000
2	2	11	390785	100	1344	0	407671	800000
3	3	11	734406	52	1534	1555	62349	800000
4	3	11	611859	90	1960	1984	183927	800000
5	1	11	160966	82	0	0	638952	800000
6	2	11	136152	97	1590	0	662064	800000
7	3	11	310575	96	1220	1290	486627	800000
8	2	11	385498	91	1152	0	413168	800000
9	3	11	483879	61	1148	1862	312928	800000
10	2	11	176487	78	1163	0	622194	800000
11	2	11	164836	89	1603	0	633383	800000
12	2	11	602450	80	1833	0	195557	800000
13	2	11	250763	66	1908	0	547197	800000
14	1	11	263846	50	0	0	536104	800000
15	3	11	742539	91	1647	1185	54356	800000

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Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	11	407669	76	0	0	223833	631578
2	2	11	115477	72	1688	0	514269	631578
3	1	11	181783	60	0	0	449735	631578
4	3	11	471593	77	1901	1241	156612	631578
5	2	11	306797	78	1030	0	323595	631578
6	2	11	2638	96	1585	0	627163	631578
7	3	11	456619	66	1458	1922	171381	631578
8	3	11	363044	81	1264	1802	265225	631578
9	3	11	226634	67	1163	1778	401802	631578
10	2	11	288342	62	1029	0	342083	631578
11	2	11	436396	78	1839	0	193187	631578
12	1	11	548240	61	0	0	83277	631578
13	3	11	250841	60	1460	1838	377259	631578
14	2	11	616496	50	1598	0	13384	631578
15	3	11	422261	95	1767	1754	205511	631578
16	3	11	614248	97	1554	1127	14358	631578
17	2	11	519669	94	1068	0	110653	631578
18	3	11	628375	62	1409	1034	574	631578
19	3	11	55769	80	1888	1326	572355	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	9	223627	75	1802	0	480303	705882
2	1	9	621238	75	0	0	84569	705882
3	3	9	481597	64	1225	1981	220887	705882
4	1	9	252494	90	0	0	453298	705882
5	3	9	110667	98	1544	1889	591488	705882
6	3	9	473750	67	1682	1839	228410	705882
7	3	9	388293	61	1214	1328	314864	705882
8	3	9	345650	70	1221	1905	356896	705882
9	1	9	641765	71	0	0	64046	705882
10	2	9	125840	67	1043	0	578865	705882
11	1	9	108	94	0	0	705680	705882
12	2	9	476113	88	1928	0	227665	705882
13	3	9	1092	73	1058	1065	702448	705882
14	3	9	610547	82	1119	1494	92476	705882
15	1	9	37261	99	0	0	668522	705882
16	2	9	695238	82	1787	0	8693	705882
17	2	9	444628	90	1890	0	259184	705882

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Type 5 #30 5322 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	17	258675	95	1546	1082	338412	600000
2	1	17	84921	52	0	0	515027	600000
3	3	17	94151	61	1549	1865	502252	600000
4	3	17	83911	55	1948	1986	511990	600000
5	2	17	101138	85	1483	0	497209	600000
6	2	17	185674	87	1658	0	412494	600000
7	1	17	590041	85	0	0	9874	600000
8	2	17	262699	95	1945	0	335166	600000
9	2	17	70108	71	1745	0	528005	600000
10	1	17	284267	51	0	0	315682	600000
11	2	17	413435	89	1380	0	185007	600000
12	3	17	157714	62	1856	1599	438645	600000
13	2	17	247645	66	1711	0	350512	600000
14	1	17	198170	93	0	0	401737	600000
15	2	17	328175	51	1167	0	270556	600000
16	2	17	219540	86	1893	0	378395	600000
17	2	17	138789	57	1387	0	459710	600000
18	1	17	1263	97	0	0	598640	600000
19	2	17	208579	87	1734	0	389513	600000
20	2	17	287524	91	1255	0	311039	600000

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Type 6 #1 [Back to Summary]										
#01-5596	#02-5384	#03-5256	#04-5447	#05-5525	#06-5393	#07-5268	#08-5595	#09-5503	#10-5420	
#11-5649	#12-5480	#13-5667	#14-5626	#15-5655	#16-5552	#17-5428	#18-5392	#19-5275	#20-5332	
#21-5361	#22-5528	#23-5343	#24-5358	#25-5399	#26-5426	#27-5355	#28-5505	#29-5441	#30-5373	
#31-5284	#32-5560	#33-5630	#34-5290	#35-5579	#36-5665	#37-5695	#38-5699	#39-5654	#40-5693	
#41-5314	#42-5440	#43-5583	#44-5582	#45-5554	#46-5575	#47-5538	#48-5273	#49-5251	#50-5434	
#51-5353	#52-5500	#53-5586	#54-5556	#55-5603	#56-5319	#57-5293	#58-5625	#59-5301	#60-5351	
#61-5288	#62-5491	#63-5411	#64-5382	#65-5389	#66-5344	#67-5581	#68-5632	#69-5302	#70-5719	
#71-5589	#72-5461	#73-5470	#74-5308	#75-5267	#76-5653	#77-5673	#78-5488	#79-5531	#80-5546	
#81-5613	#82-5333	#83-5501	#84-5255	#85-5270	#86-5511	#87-5701	#88-5325	#89-5419	#90-5509	
#91-5624	#92-5323	#93-5651	#94-5555	#95-5661	#96-5549	#97-5281	#98-5456	#99-5451	#100-5465	

Type 6 #2 [Back to Summary]										
#01-5723	#02-5637	#03-5698	#04-5258	#05-5570	#06-5620	#07-5285	#08-5524	#09-5535	#10-5673	
#11-5376	#12-5527	#13-5343	#14-5476	#15-5464	#16-5679	#17-5714	#18-5401	#19-5360	#20-5600	
#21-5369	#22-5504	#23-5457	#24-5517	#25-5345	#26-5513	#27-5534	#28-5638	#29-5374	#30-5441	
#31-5618	#32-5462	#33-5287	#34-5316	#35-5549	#36-5695	#37-5355	#38-5489	#39-5407	#40-5370	
#41-5472	#42-5420	#43-5508	#44-5465	#45-5379	#46-5336	#47-5701	#48-5418	#49-5330	#50-5699	
#51-5562	#52-5603	#53-5337	#54-5572	#55-5335	#56-5467	#57-5427	#58-5430	#59-5639	#60-5302	
#61-5333	#62-5371	#63-5400	#64-5341	#65-5300	#66-5640	#67-5496	#68-5272	#69-5658	#70-5500	
#71-5578	#72-5478	#73-5719	#74-5713	#75-5382	#76-5671	#77-5722	#78-5717	#79-5391	#80-5255	
#81-5543	#82-5362	#83-5557	#84-5402	#85-5610	#86-5266	#87-5375	#88-5446	#89-5697	#90-5324	
#91-5522	#92-5651	#93-5582	#94-5349	#95-5280	#96-5352	#97-5269	#98-5421	#99-5416	#100-5474	

Type 6 #3 [Back to Summary]										
#01-5574	#02-5675	#03-5486	#04-5563	#05-5376	#06-5334	#07-5608	#08-5350	#09-5440	#10-5392	
#11-5469	#12-5432	#13-5288	#14-5631	#15-5494	#16-5700	#17-5542	#18-5250	#19-5458	#20-5286	
#21-5514	#22-5298	#23-5299	#24-5578	#25-5703	#26-5647	#27-5619	#28-5617	#29-5682	#30-5275	
#31-5653	#32-5555	#33-5554	#34-5648	#35-5406	#36-5587	#37-5599	#38-5715	#39-5272	#40-5520	
#41-5383	#42-5271	#43-5254	#44-5558	#45-5585	#46-5337	#47-5612	#48-5674	#49-5581	#50-5311	
#51-5530	#52-5270	#53-5683	#54-5375	#55-5679	#56-5521	#57-5627	#58-5637	#59-5582	#60-5451	
#61-5437	#62-5716	#63-5393	#64-5412	#65-5461	#66-5635	#67-5597	#68-5364	#69-5468	#70-5628	
#71-5346	#72-5545	#73-5704	#74-5659	#75-5623	#76-5483	#77-5295	#78-5456	#79-5713	#80-5610	
#81-5283	#82-5667	#83-5284	#84-5618	#85-5459	#86-5629	#87-5592	#88-5424	#89-5693	#90-5596	
#91-5685	#92-5688	#93-5372	#94-5528	#95-5330	#96-5389	#97-5591	#98-5550	#99-5343	#100-5672	

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#01-5459	#02-5495	#03-5452	#04-5680	#05-5685	#06-5707	#07-5292	#08-5271	#09-5473	#10-5437
#11-5482	#12-5413	#13-5648	#14-5694	#15-5420	#16-5499	#17-5679	#18-5496	#19-5670	#20-5556
#21-5284	#22-5415	#23-5395	#24-5590	#25-5665	#26-5379	#27-5423	#28-5407	#29-5577	#30-5483
#31-5611	#32-5453	#33-5361	#34-5286	#35-5402	#36-5516	#37-5466	#38-5326	#39-5661	#40-5486
#41-5591	#42-5579	#43-5684	#44-5507	#45-5369	#46-5523	#47-5288	#48-5403	#49-5363	#50-5561
#51-5435	#52-5352	#53-5618	#54-5518	#55-5640	#56-5290	#57-5342	#58-5588	#59-5260	#60-5553
#61-5536	#62-5608	#63-5417	#64-5717	#65-5551	#66-5274	#67-5300	#68-5614	#69-5539	#70-5636
#71-5279	#72-5604	#73-5557	#74-5438	#75-5695	#76-5428	#77-5458	#78-5622	#79-5464	#80-5390
#81-5339	#82-5264	#83-5295	#84-5266	#85-5298	#86-5508	#87-5568	#88-5581	#89-5370	#90-5364
#91-5414	#92-5609	#93-5317	#94-5359	#95-5677	#96-5710	#97-5408	#98-5696	#99-5676	#100-5345

Type 6 #5 [Back to Summary]									
#01-5470	#02-5402	#03-5596	#04-5458	#05-5528	#06-5560	#07-5526	#08-5424	#09-5547	#10-5457
#11-5557	#12-5449	#13-5368	#14-5590	#15-5455	#16-5516	#17-5567	#18-5397	#19-5673	#20-5295
#21-5434	#22-5444	#23-5490	#24-5417	#25-5469	#26-5396	#27-5539	#28-5441	#29-5492	#30-5710
#31-5269	#32-5495	#33-5668	#34-5361	#35-5654	#36-5667	#37-5388	#38-5563	#39-5464	#40-5460
#41-5702	#42-5379	#43-5278	#44-5638	#45-5537	#46-5690	#47-5483	#48-5448	#49-5631	#50-5401
#51-5385	#52-5257	#53-5270	#54-5632	#55-5639	#56-5274	#57-5641	#58-5418	#59-5716	#60-5366
#61-5272	#62-5328	#63-5663	#64-5568	#65-5435	#66-5311	#67-5512	#68-5253	#69-5661	#70-5519
#71-5363	#72-5255	#73-5664	#74-5463	#75-5319	#76-5300	#77-5414	#78-5583	#79-5614	#80-5508
#81-5647	#82-5331	#83-5544	#84-5329	#85-5572	#86-5262	#87-5476	#88-5289	#89-5459	#90-5629
#91-5282	#92-5699	#93-5576	#94-5339	#95-5436	#96-5621	#97-5450	#98-5439	#99-5447	#100-5479

Type 6 #6 [Back to Summary]									
#01-5429	#02-5479	#03-5519	#04-5363	#05-5287	#06-5390	#07-5321	#08-5538	#09-5562	#10-5589
#11-5583	#12-5309	#13-5537	#14-5460	#15-5455	#16-5667	#17-5517	#18-5584	#19-5723	#20-5424
#21-5569	#22-5471	#23-5522	#24-5279	#25-5487	#26-5396	#27-5408	#28-5576	#29-5272	#30-5425
#31-5578	#32-5700	#33-5377	#34-5388	#35-5324	#36-5415	#37-5542	#38-5426	#39-5292	#40-5427
#41-5668	#42-5662	#43-5453	#44-5601	#45-5296	#46-5694	#47-5409	#48-5356	#49-5614	#50-5499
#51-5348	#52-5600	#53-5445	#54-5268	#55-5633	#56-5683	#57-5682	#58-5490	#59-5606	#60-5619
#61-5705	#62-5474	#63-5511	#64-5378	#65-5260	#66-5610	#67-5655	#68-5391	#69-5381	#70-5288
#71-5372	#72-5339	#73-5543	#74-5551	#75-5488	#76-5636	#77-5267	#78-5654	#79-5710	#80-5520
#81-5714	#82-5301	#83-5689	#84-5501	#85-5323	#86-5704	#87-5505	#88-5355	#89-5485	#90-5365
#91-5458	#92-5300	#93-5552	#94-5402	#95-5446	#96-5441	#97-5398	#98-5317	#99-5587	#100-5414

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#01-5288	#02-5265	#03-5698	#04-5569	#05-5371	#06-5259	#07-5307	#08-5621	#09-5510	#10-5722
#11-5660	#12-5280	#13-5502	#14-5335	#15-5626	#16-5651	#17-5509	#18-5261	#19-5312	#20-5284
#21-5355	#22-5546	#23-5633	#24-5269	#25-5555	#26-5330	#27-5519	#28-5390	#29-5358	#30-5298
#31-5483	#32-5676	#33-5325	#34-5545	#35-5481	#36-5697	#37-5334	#38-5376	#39-5388	#40-5319
#41-5650	#42-5610	#43-5576	#44-5491	#45-5435	#46-5434	#47-5526	#48-5467	#49-5504	#50-5522
#51-5659	#52-5394	#53-5260	#54-5554	#55-5318	#56-5469	#57-5363	#58-5683	#59-5267	#60-5299
#61-5468	#62-5645	#63-5524	#64-5465	#65-5493	#66-5712	#67-5685	#68-5684	#69-5581	#70-5653
#71-5577	#72-5396	#73-5604	#74-5718	#75-5361	#76-5462	#77-5696	#78-5398	#79-5562	#80-5378
#81-5531	#82-5304	#83-5608	#84-5560	#85-5366	#86-5346	#87-5665	#88-5495	#89-5477	#90-5263
#91-5592	#92-5377	#93-5356	#94-5340	#95-5578	#96-5254	#97-5347	#98-5368	#99-5250	#100-5448

Type 6 #8 [Back to Summary]									
#01-5471	#02-5563	#03-5613	#04-5573	#05-5669	#06-5514	#07-5506	#08-5267	#09-5440	#10-5575
#11-5493	#12-5690	#13-5368	#14-5617	#15-5488	#16-5410	#17-5286	#18-5685	#19-5350	#20-5394
#21-5296	#22-5437	#23-5454	#24-5564	#25-5312	#26-5451	#27-5285	#28-5521	#29-5392	#30-5351
#31-5373	#32-5591	#33-5391	#34-5363	#35-5630	#36-5691	#37-5415	#38-5283	#39-5616	#40-5572
#41-5559	#42-5649	#43-5302	#44-5633	#45-5494	#46-5627	#47-5250	#48-5463	#49-5569	#50-5411
#51-5697	#52-5380	#53-5257	#54-5582	#55-5399	#56-5282	#57-5357	#58-5301	#59-5513	#60-5470
#61-5482	#62-5716	#63-5601	#64-5339	#65-5453	#66-5639	#67-5548	#68-5256	#69-5715	#70-5530
#71-5724	#72-5252	#73-5323	#74-5509	#75-5561	#76-5375	#77-5388	#78-5551	#79-5322	#80-5417
#81-5455	#82-5552	#83-5676	#84-5708	#85-5383	#86-5714	#87-5585	#88-5537	#89-5689	#90-5597
#91-5584	#92-5361	#93-5498	#94-5398	#95-5338	#96-5571	#97-5299	#98-5684	#99-5429	#100-5589

Type 6 #9 [Back to Summary]									
#01-5327	#02-5720	#03-5472	#04-5291	#05-5412	#06-5691	#07-5310	#08-5476	#09-5267	#10-5274
#11-5621	#12-5534	#13-5702	#14-5350	#15-5265	#16-5653	#17-5293	#18-5613	#19-5681	#20-5460
#21-5306	#22-5259	#23-5292	#24-5376	#25-5670	#26-5607	#27-5480	#28-5647	#29-5418	#30-5716
#31-5330	#32-5429	#33-5377	#34-5465	#35-5339	#36-5459	#37-5332	#38-5632	#39-5548	#40-5419
#41-5655	#42-5360	#43-5522	#44-5666	#45-5697	#46-5300	#47-5391	#48-5405	#49-5386	#50-5417
#51-5532	#52-5414	#53-5252	#54-5692	#55-5535	#56-5320	#57-5678	#58-5355	#59-5349	#60-5531
#61-5473	#62-5392	#63-5313	#64-5277	#65-5672	#66-5452	#67-5421	#68-5499	#69-5263	#70-5542
#71-5580	#72-5388	#73-5322	#74-5524	#75-5539	#76-5673	#77-5474	#78-5354	#79-5406	#80-5624
#81-5484	#82-5331	#83-5525	#84-5253	#85-5446	#86-5640	#87-5433	#88-5411	#89-5657	#90-5270
#91-5510	#92-5704	#93-5550	#94-5272	#95-5675	#96-5527	#97-5298	#98-5502	#99-5718	#100-5509

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#01-5612	#02-5620	#03-5387	#04-5571	#05-5558	#06-5396	#07-5340	#08-5460	#09-5413	#10-5582
#11-5577	#12-5583	#13-5678	#14-5444	#15-5302	#16-5386	#17-5594	#18-5306	#19-5561	#20-5281
#21-5271	#22-5255	#23-5555	#24-5720	#25-5284	#26-5602	#27-5567	#28-5300	#29-5566	#30-5260
#31-5632	#32-5697	#33-5357	#34-5624	#35-5263	#36-5576	#37-5664	#38-5672	#39-5419	#40-5293
#41-5542	#42-5688	#43-5716	#44-5328	#45-5416	#46-5644	#47-5276	#48-5346	#49-5690	#50-5528
#51-5650	#52-5712	#53-5653	#54-5683	#55-5477	#56-5601	#57-5316	#58-5393	#59-5531	#60-5682
#61-5543	#62-5295	#63-5614	#64-5403	#65-5675	#66-5599	#67-5472	#68-5309	#69-5433	#70-5450
#71-5449	#72-5645	#73-5609	#74-5513	#75-5456	#76-5313	#77-5264	#78-5480	#79-5547	#80-5364
#81-5568	#82-5473	#83-5336	#84-5283	#85-5338	#86-5639	#87-5292	#88-5397	#89-5391	#90-5381
#91-5510	#92-5516	#93-5380	#94-5459	#95-5464	#96-5503	#97-5324	#98-5560	#99-5373	#100-5532

Type 6 #11 [Back to Summary]									
#01-5416	#02-5694	#03-5633	#04-5486	#05-5333	#06-5253	#07-5349	#08-5383	#09-5476	#10-5422
#11-5592	#12-5555	#13-5563	#14-5426	#15-5360	#16-5325	#17-5683	#18-5585	#19-5316	#20-5286
#21-5565	#22-5332	#23-5641	#24-5302	#25-5663	#26-5657	#27-5516	#28-5406	#29-5309	#30-5679
#31-5714	#32-5428	#33-5362	#34-5270	#35-5671	#36-5604	#37-5567	#38-5572	#39-5674	#40-5331
#41-5539	#42-5631	#43-5644	#44-5697	#45-5510	#46-5685	#47-5681	#48-5678	#49-5348	#50-5386
#51-5542	#52-5459	#53-5493	#54-5335	#55-5698	#56-5336	#57-5301	#58-5577	#59-5545	#60-5402
#61-5461	#62-5664	#63-5320	#64-5519	#65-5433	#66-5417	#67-5445	#68-5537	#69-5477	#70-5480
#71-5483	#72-5361	#73-5630	#74-5713	#75-5468	#76-5651	#77-5408	#78-5666	#79-5511	#80-5704
#81-5700	#82-5556	#83-5300	#84-5642	#85-5377	#86-5499	#87-5647	#88-5272	#89-5294	#90-5583
#91-5544	#92-5712	#93-5269	#94-5517	#95-5590	#96-5595	#97-5554	#98-5370	#99-5506	#100-5344

Type 6 #12 [Back to Summary]									
#01-5489	#02-5390	#03-5452	#04-5593	#05-5627	#06-5435	#07-5551	#08-5508	#09-5589	#10-5289
#11-5649	#12-5359	#13-5315	#14-5571	#15-5426	#16-5629	#17-5612	#18-5397	#19-5389	#20-5656
#21-5486	#22-5418	#23-5493	#24-5617	#25-5659	#26-5497	#27-5335	#28-5360	#29-5366	#30-5598
#31-5341	#32-5286	#33-5405	#34-5417	#35-5464	#36-5560	#37-5354	#38-5442	#39-5270	#40-5674
#41-5680	#42-5394	#43-5411	#44-5258	#45-5667	#46-5441	#47-5647	#48-5428	#49-5342	#50-5694
#51-5713	#52-5412	#53-5707	#54-5583	#55-5582	#56-5316	#57-5622	#58-5558	#59-5662	#60-5376
#61-5344	#62-5440	#63-5386	#64-5717	#65-5672	#66-5606	#67-5683	#68-5620	#69-5352	#70-5588
#71-5518	#72-5421	#73-5372	#74-5450	#75-5703	#76-5333	#77-5259	#78-5484	#79-5678	#80-5471
#81-5572	#82-5636	#83-5267	#84-5401	#85-5608	#86-5655	#87-5303	#88-5541	#89-5553	#90-5388
#91-5661	#92-5520	#93-5504	#94-5614	#95-5566	#96-5487	#97-5254	#98-5416	#99-5307	#100-5300

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #13 [Back to Summary]									
#01-5481	#02-5272	#03-5318	#04-5476	#05-5421	#06-5542	#07-5285	#08-5511	#09-5609	#10-5493
#11-5310	#12-5390	#13-5611	#14-5443	#15-5531	#16-5434	#17-5418	#18-5712	#19-5355	#20-5263
#21-5555	#22-5385	#23-5316	#24-5690	#25-5658	#26-5723	#27-5642	#28-5486	#29-5599	#30-5463
#31-5337	#32-5568	#33-5420	#34-5624	#35-5710	#36-5554	#37-5572	#38-5517	#39-5704	#40-5320
#41-5622	#42-5522	#43-5663	#44-5314	#45-5334	#46-5521	#47-5637	#48-5308	#49-5340	#50-5387
#51-5321	#52-5267	#53-5311	#54-5297	#55-5479	#56-5351	#57-5682	#58-5358	#59-5547	#60-5426
#61-5626	#62-5528	#63-5636	#64-5396	#65-5406	#66-5468	#67-5694	#68-5711	#69-5456	#70-5698
#71-5589	#72-5627	#73-5255	#74-5283	#75-5369	#76-5277	#77-5449	#78-5722	#79-5603	#80-5386
#81-5339	#82-5580	#83-5399	#84-5464	#85-5395	#86-5322	#87-5506	#88-5374	#89-5398	#90-5616
#91-5597	#92-5471	#93-5696	#94-5536	#95-5425	#96-5348	#97-5614	#98-5523	#99-5641	#100-5591

Type 6 #14 [Back to Summary]									
#01-5553	#02-5650	#03-5580	#04-5363	#05-5522	#06-5418	#07-5261	#08-5278	#09-5658	#10-5450
#11-5624	#12-5684	#13-5472	#14-5407	#15-5336	#16-5294	#17-5379	#18-5425	#19-5250	#20-5337
#21-5690	#22-5572	#23-5568	#24-5565	#25-5353	#26-5373	#27-5654	#28-5449	#29-5590	#30-5270
#31-5392	#32-5653	#33-5335	#34-5264	#35-5556	#36-5413	#37-5724	#38-5284	#39-5664	#40-5700
#41-5309	#42-5479	#43-5443	#44-5668	#45-5715	#46-5635	#47-5719	#48-5536	#49-5446	#50-5380
#51-5691	#52-5440	#53-5517	#54-5549	#55-5623	#56-5705	#57-5330	#58-5265	#59-5260	#60-5403
#61-5492	#62-5537	#63-5416	#64-5633	#65-5312	#66-5695	#67-5596	#68-5461	#69-5576	#70-5647
#71-5296	#72-5348	#73-5487	#74-5279	#75-5281	#76-5466	#77-5384	#78-5621	#79-5574	#80-5439
#81-5377	#82-5365	#83-5252	#84-5465	#85-5306	#86-5675	#87-5387	#88-5511	#89-5362	#90-5578
#91-5328	#92-5709	#93-5273	#94-5513	#95-5464	#96-5498	#97-5315	#98-5531	#99-5608	#100-5272

Type 6 #15 [Back to Summary]									
#01-5290	#02-5511	#03-5686	#04-5518	#05-5334	#06-5595	#07-5678	#08-5491	#09-5523	#10-5413
#11-5574	#12-5430	#13-5412	#14-5547	#15-5275	#16-5375	#17-5538	#18-5680	#19-5585	#20-5359
#21-5564	#22-5337	#23-5347	#24-5251	#25-5577	#26-5308	#27-5325	#28-5702	#29-5543	#30-5508
#31-5402	#32-5582	#33-5268	#34-5557	#35-5398	#36-5596	#37-5403	#38-5459	#39-5376	#40-5435
#41-5721	#42-5619	#43-5711	#44-5670	#45-5250	#46-5623	#47-5544	#48-5449	#49-5482	#50-5330
#51-5681	#52-5355	#53-5666	#54-5494	#55-5431	#56-5676	#57-5411	#58-5685	#59-5664	#60-5276
#61-5517	#62-5703	#63-5672	#64-5263	#65-5262	#66-5720	#67-5414	#68-5584	#69-5394	#70-5409
#71-5698	#72-5326	#73-5553	#74-5399	#75-5363	#76-5668	#77-5350	#78-5401	#79-5252	#80-5674
#81-5487	#82-5602	#83-5467	#84-5461	#85-5554	#86-5296	#87-5633	#88-5497	#89-5372	#90-5446
#91-5429	#92-5444	#93-5515	#94-5346	#95-5637	#96-5270	#97-5658	#98-5697	#99-5652	#100-5256

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #16 [Back to Summary]									
#01-5457	#02-5685	#03-5300	#04-5324	#05-5358	#06-5603	#07-5526	#08-5517	#09-5382	#10-5482
#11-5577	#12-5260	#13-5683	#14-5714	#15-5510	#16-5642	#17-5485	#18-5463	#19-5431	#20-5691
#21-5335	#22-5639	#23-5458	#24-5675	#25-5707	#26-5505	#27-5538	#28-5450	#29-5487	#30-5343
#31-5259	#32-5377	#33-5466	#34-5721	#35-5471	#36-5531	#37-5552	#38-5390	#39-5350	#40-5673
#41-5495	#42-5365	#43-5362	#44-5617	#45-5594	#46-5414	#47-5483	#48-5528	#49-5565	#50-5719
#51-5507	#52-5441	#53-5515	#54-5692	#55-5643	#56-5543	#57-5469	#58-5341	#59-5333	#60-5578
#61-5309	#62-5316	#63-5276	#64-5284	#65-5468	#66-5440	#67-5522	#68-5686	#69-5492	#70-5706
#71-5338	#72-5340	#73-5361	#74-5480	#75-5439	#76-5690	#77-5532	#78-5571	#79-5327	#80-5547
#81-5271	#82-5262	#83-5618	#84-5494	#85-5568	#86-5542	#87-5595	#88-5499	#89-5321	#90-5655
#91-5299	#92-5445	#93-5298	#94-5503	#95-5614	#96-5417	#97-5337	#98-5325	#99-5396	#100-5397

Type 6 #17 [Back to Summary]									
#01-5623	#02-5520	#03-5282	#04-5580	#05-5629	#06-5413	#07-5335	#08-5281	#09-5497	#10-5677
#11-5264	#12-5634	#13-5266	#14-5525	#15-5552	#16-5304	#17-5431	#18-5509	#19-5449	#20-5660
#21-5582	#22-5270	#23-5610	#24-5561	#25-5656	#26-5614	#27-5293	#28-5584	#29-5595	#30-5273
#31-5602	#32-5445	#33-5418	#34-5663	#35-5643	#36-5473	#37-5705	#38-5288	#39-5587	#40-5396
#41-5450	#42-5554	#43-5251	#44-5374	#45-5642	#46-5393	#47-5435	#48-5499	#49-5678	#50-5556
#51-5719	#52-5549	#53-5604	#54-5460	#55-5535	#56-5601	#57-5637	#58-5440	#59-5653	#60-5262
#61-5369	#62-5472	#63-5405	#64-5471	#65-5324	#66-5538	#67-5459	#68-5331	#69-5609	#70-5327
#71-5323	#72-5391	#73-5649	#74-5301	#75-5456	#76-5275	#77-5269	#78-5486	#79-5651	#80-5508
#81-5425	#82-5514	#83-5638	#84-5291	#85-5283	#86-5305	#87-5568	#88-5687	#89-5370	#90-5295
#91-5565	#92-5506	#93-5360	#94-5576	#95-5278	#96-5703	#97-5398	#98-5500	#99-5310	#100-5352

Type 6 #18 [Back to Summary]									
#01-5656	#02-5355	#03-5617	#04-5597	#05-5484	#06-5571	#07-5635	#08-5552	#09-5255	#10-5515
#11-5584	#12-5399	#13-5523	#14-5390	#15-5558	#16-5583	#17-5564	#18-5370	#19-5444	#20-5275
#21-5701	#22-5503	#23-5686	#24-5568	#25-5480	#26-5536	#27-5286	#28-5317	#29-5273	#30-5477
#31-5603	#32-5489	#33-5430	#34-5546	#35-5579	#36-5322	#37-5624	#38-5288	#39-5524	#40-5426
#41-5385	#42-5262	#43-5677	#44-5578	#45-5424	#46-5412	#47-5709	#48-5692	#49-5267	#50-5414
#51-5381	#52-5276	#53-5306	#54-5279	#55-5372	#56-5401	#57-5395	#58-5301	#59-5363	#60-5672
#61-5538	#62-5570	#63-5532	#64-5499	#65-5645	#66-5343	#67-5694	#68-5704	#69-5539	#70-5485
#71-5688	#72-5527	#73-5575	#74-5265	#75-5615	#76-5687	#77-5555	#78-5357	#79-5391	#80-5321
#81-5557	#82-5320	#83-5303	#84-5588	#85-5348	#86-5581	#87-5440	#88-5409	#89-5429	#90-5432
#91-5655	#92-5576	#93-5651	#94-5589	#95-5623	#96-5543	#97-5454	#98-5425	#99-5663	#100-5334

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #19 [Back to Summary]									
#01-5448	#02-5256	#03-5402	#04-5506	#05-5455	#06-5582	#07-5427	#08-5288	#09-5389	#10-5410
#11-5571	#12-5286	#13-5633	#14-5294	#15-5363	#16-5471	#17-5519	#18-5677	#19-5401	#20-5316
#21-5631	#22-5538	#23-5529	#24-5361	#25-5562	#26-5366	#27-5608	#28-5716	#29-5373	#30-5315
#31-5485	#32-5381	#33-5426	#34-5307	#35-5600	#36-5554	#37-5646	#38-5523	#39-5378	#40-5494
#41-5400	#42-5404	#43-5267	#44-5265	#45-5589	#46-5622	#47-5670	#48-5610	#49-5470	#50-5405
#51-5280	#52-5509	#53-5275	#54-5599	#55-5436	#56-5644	#57-5459	#58-5292	#59-5676	#60-5339
#61-5703	#62-5441	#63-5645	#64-5326	#65-5657	#66-5444	#67-5590	#68-5576	#69-5423	#70-5541
#71-5552	#72-5720	#73-5549	#74-5638	#75-5647	#76-5481	#77-5517	#78-5511	#79-5502	#80-5671
#81-5421	#82-5724	#83-5496	#84-5697	#85-5283	#86-5702	#87-5350	#88-5555	#89-5603	#90-5685
#91-5342	#92-5602	#93-5573	#94-5289	#95-5514	#96-5688	#97-5480	#98-5668	#99-5335	#100-5388

Type 6 #20 [Back to Summary]									
#01-5279	#02-5343	#03-5435	#04-5656	#05-5577	#06-5286	#07-5682	#08-5366	#09-5678	#10-5675
#11-5372	#12-5667	#13-5512	#14-5255	#15-5636	#16-5702	#17-5661	#18-5666	#19-5290	#20-5672
#21-5335	#22-5285	#23-5697	#24-5462	#25-5441	#26-5669	#27-5396	#28-5506	#29-5370	#30-5679
#31-5719	#32-5568	#33-5421	#34-5358	#35-5629	#36-5330	#37-5536	#38-5562	#39-5369	#40-5723
#41-5269	#42-5713	#43-5593	#44-5641	#45-5555	#46-5402	#47-5338	#48-5563	#49-5377	#50-5532
#51-5272	#52-5535	#53-5622	#54-5390	#55-5309	#56-5717	#57-5371	#58-5694	#59-5464	#60-5619
#61-5606	#62-5424	#63-5718	#64-5724	#65-5674	#66-5515	#67-5491	#68-5403	#69-5340	#70-5549
#71-5412	#72-5345	#73-5543	#74-5291	#75-5645	#76-5344	#77-5413	#78-5298	#79-5615	#80-5289
#81-5578	#82-5545	#83-5384	#84-5550	#85-5648	#86-5430	#87-5660	#88-5281	#89-5302	#90-5633
#91-5684	#92-5559	#93-5352	#94-5463	#95-5359	#96-5565	#97-5715	#98-5591	#99-5689	#100-5292

Type 6 #21 [Back to Summary]									
#01-5629	#02-5660	#03-5474	#04-5542	#05-5374	#06-5650	#07-5715	#08-5587	#09-5456	#10-5688
#11-5555	#12-5320	#13-5321	#14-5423	#15-5293	#16-5311	#17-5290	#18-5414	#19-5317	#20-5504
#21-5578	#22-5464	#23-5354	#24-5426	#25-5597	#26-5570	#27-5720	#28-5336	#29-5656	#30-5334
#31-5352	#32-5535	#33-5330	#34-5585	#35-5387	#36-5648	#37-5327	#38-5563	#39-5432	#40-5255
#41-5441	#42-5331	#43-5549	#44-5340	#45-5339	#46-5617	#47-5497	#48-5653	#49-5422	#50-5294
#51-5529	#52-5557	#53-5533	#54-5443	#55-5439	#56-5415	#57-5561	#58-5298	#59-5676	#60-5530
#61-5658	#62-5632	#63-5662	#64-5378	#65-5591	#66-5269	#67-5717	#68-5465	#69-5286	#70-5373
#71-5709	#72-5455	#73-5707	#74-5308	#75-5313	#76-5500	#77-5639	#78-5264	#79-5346	#80-5704
#81-5328	#82-5319	#83-5638	#84-5610	#85-5526	#86-5518	#87-5252	#88-5615	#89-5401	#90-5694
#91-5349	#92-5275	#93-5616	#94-5624	#95-5332	#96-5534	#97-5402	#98-5428	#99-5478	#100-5310

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
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Type 6 #22 [Back to Summary]									
#01-5622	#02-5282	#03-5611	#04-5299	#05-5311	#06-5328	#07-5571	#08-5473	#09-5376	#10-5664
#11-5500	#12-5541	#13-5686	#14-5692	#15-5453	#16-5585	#17-5715	#18-5295	#19-5569	#20-5319
#21-5268	#22-5354	#23-5317	#24-5322	#25-5278	#26-5683	#27-5561	#28-5339	#29-5709	#30-5505
#31-5356	#32-5467	#33-5518	#34-5276	#35-5338	#36-5294	#37-5435	#38-5593	#39-5551	#40-5455
#41-5673	#42-5507	#43-5491	#44-5459	#45-5445	#46-5528	#47-5318	#48-5649	#49-5421	#50-5466
#51-5547	#52-5357	#53-5580	#54-5406	#55-5292	#56-5524	#57-5693	#58-5545	#59-5267	#60-5358
#61-5490	#62-5488	#63-5492	#64-5600	#65-5567	#66-5283	#67-5272	#68-5659	#69-5614	#70-5412
#71-5405	#72-5379	#73-5472	#74-5373	#75-5374	#76-5495	#77-5594	#78-5588	#79-5606	#80-5481
#81-5626	#82-5643	#83-5641	#84-5497	#85-5689	#86-5724	#87-5619	#88-5364	#89-5708	#90-5537
#91-5329	#92-5617	#93-5572	#94-5444	#95-5690	#96-5432	#97-5263	#98-5625	#99-5624	#100-5410

Type 6 #23 [Back to Summary]									
#01-5501	#02-5382	#03-5290	#04-5260	#05-5312	#06-5422	#07-5608	#08-5459	#09-5286	#10-5532
#11-5661	#12-5361	#13-5669	#14-5517	#15-5458	#16-5577	#17-5575	#18-5719	#19-5633	#20-5563
#21-5391	#22-5636	#23-5676	#24-5321	#25-5334	#26-5513	#27-5527	#28-5269	#29-5405	#30-5657
#31-5471	#32-5691	#33-5686	#34-5435	#35-5702	#36-5483	#37-5596	#38-5624	#39-5430	#40-5514
#41-5365	#42-5407	#43-5325	#44-5426	#45-5602	#46-5692	#47-5670	#48-5303	#49-5717	#50-5362
#51-5584	#52-5272	#53-5712	#54-5306	#55-5268	#56-5588	#57-5432	#58-5694	#59-5648	#60-5520
#61-5613	#62-5581	#63-5302	#64-5352	#65-5309	#66-5693	#67-5398	#68-5479	#69-5537	#70-5697
#71-5703	#72-5666	#73-5531	#74-5366	#75-5444	#76-5707	#77-5553	#78-5492	#79-5440	#80-5364
#81-5561	#82-5468	#83-5276	#84-5289	#85-5320	#86-5448	#87-5700	#88-5622	#89-5413	#90-5358
#91-5300	#92-5623	#93-5696	#94-5630	#95-5617	#96-5500	#97-5353	#98-5690	#99-5371	#100-5627

Type 6 #24 [Back to Summary]									
#01-5541	#02-5439	#03-5491	#04-5269	#05-5385	#06-5640	#07-5462	#08-5597	#09-5586	#10-5287
#11-5282	#12-5661	#13-5502	#14-5535	#15-5681	#16-5393	#17-5559	#18-5262	#19-5284	#20-5584
#21-5718	#22-5495	#23-5316	#24-5426	#25-5645	#26-5326	#27-5698	#28-5624	#29-5465	#30-5665
#31-5602	#32-5582	#33-5376	#34-5532	#35-5548	#36-5374	#37-5706	#38-5256	#39-5628	#40-5404
#41-5711	#42-5354	#43-5294	#44-5379	#45-5330	#46-5367	#47-5377	#48-5416	#49-5680	#50-5481
#51-5671	#52-5342	#53-5663	#54-5510	#55-5637	#56-5297	#57-5375	#58-5314	#59-5351	#60-5311
#61-5667	#62-5562	#63-5386	#64-5644	#65-5414	#66-5425	#67-5530	#68-5692	#69-5710	#70-5551
#71-5417	#72-5550	#73-5358	#74-5601	#75-5595	#76-5611	#77-5455	#78-5658	#79-5346	#80-5522
#81-5674	#82-5528	#83-5668	#84-5712	#85-5719	#86-5503	#87-5639	#88-5585	#89-5614	#90-5496
#91-5251	#92-5634	#93-5625	#94-5560	#95-5457	#96-5397	#97-5699	#98-5364	#99-5691	#100-5622

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**Title:** Hewlett Packard Enterprise APIN0344 & APIN0345  
**To:** FCC Part 15 Subpart E 15.407 & ISED RSS-247  
**Serial #:** HPEN111-U12\_Radio 1\_DFS Rev A  
**Issue Date:** 25<sup>th</sup> October 2017  
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Type 6 #25 [Back to Summary]									
#01-5561	#02-5408	#03-5429	#04-5377	#05-5317	#06-5369	#07-5709	#08-5311	#09-5638	#10-5277
#11-5566	#12-5441	#13-5690	#14-5549	#15-5362	#16-5384	#17-5619	#18-5396	#19-5653	#20-5625
#21-5500	#22-5665	#23-5322	#24-5457	#25-5548	#26-5496	#27-5645	#28-5515	#29-5388	#30-5448
#31-5636	#32-5332	#33-5692	#34-5440	#35-5689	#36-5514	#37-5351	#38-5539	#39-5642	#40-5596
#41-5524	#42-5582	#43-5679	#44-5589	#45-5663	#46-5533	#47-5675	#48-5328	#49-5452	#50-5326
#51-5502	#52-5554	#53-5437	#54-5312	#55-5379	#56-5618	#57-5334	#58-5700	#59-5551	#60-5542
#61-5447	#62-5438	#63-5648	#64-5433	#65-5360	#66-5478	#67-5470	#68-5495	#69-5584	#70-5572
#71-5274	#72-5321	#73-5473	#74-5298	#75-5346	#76-5643	#77-5712	#78-5454	#79-5516	#80-5260
#81-5545	#82-5563	#83-5303	#84-5301	#85-5669	#86-5329	#87-5615	#88-5622	#89-5304	#90-5314
#91-5423	#92-5381	#93-5713	#94-5347	#95-5398	#96-5331	#97-5660	#98-5488	#99-5475	#100-5428

Type 6 #26 [Back to Summary]									
#01-5315	#02-5426	#03-5474	#04-5608	#05-5301	#06-5428	#07-5331	#08-5387	#09-5693	#10-5466
#11-5636	#12-5605	#13-5432	#14-5542	#15-5250	#16-5615	#17-5382	#18-5590	#19-5499	#20-5285
#21-5588	#22-5574	#23-5441	#24-5516	#25-5394	#26-5624	#27-5342	#28-5377	#29-5635	#30-5268
#31-5709	#32-5472	#33-5706	#34-5334	#35-5672	#36-5368	#37-5338	#38-5429	#39-5256	#40-5492
#41-5251	#42-5484	#43-5656	#44-5569	#45-5408	#46-5549	#47-5677	#48-5420	#49-5348	#50-5512
#51-5675	#52-5317	#53-5717	#54-5443	#55-5568	#56-5467	#57-5711	#58-5683	#59-5463	#60-5404
#61-5333	#62-5674	#63-5482	#64-5671	#65-5485	#66-5413	#67-5623	#68-5346	#69-5593	#70-5603
#71-5526	#72-5680	#73-5582	#74-5260	#75-5286	#76-5358	#77-5644	#78-5594	#79-5357	#80-5567
#81-5667	#82-5646	#83-5281	#84-5372	#85-5316	#86-5639	#87-5480	#88-5517	#89-5491	#90-5455
#91-5383	#92-5379	#93-5691	#94-5571	#95-5402	#96-5297	#97-5252	#98-5704	#99-5336	#100-5719

Type 6 #27 [Back to Summary]									
#01-5648	#02-5578	#03-5549	#04-5464	#05-5708	#06-5719	#07-5454	#08-5705	#09-5400	#10-5459
#11-5542	#12-5362	#13-5573	#14-5615	#15-5457	#16-5409	#17-5642	#18-5352	#19-5604	#20-5563
#21-5659	#22-5354	#23-5580	#24-5383	#25-5470	#26-5392	#27-5715	#28-5260	#29-5577	#30-5710
#31-5351	#32-5664	#33-5504	#34-5361	#35-5645	#36-5335	#37-5341	#38-5536	#39-5387	#40-5319
#41-5431	#42-5496	#43-5360	#44-5277	#45-5635	#46-5268	#47-5527	#48-5318	#49-5365	#50-5714
#51-5380	#52-5619	#53-5345	#54-5495	#55-5304	#56-5539	#57-5722	#58-5415	#59-5718	#60-5560
#61-5252	#62-5446	#63-5377	#64-5419	#65-5350	#66-5605	#67-5583	#68-5462	#69-5690	#70-5369
#71-5311	#72-5348	#73-5687	#74-5529	#75-5388	#76-5416	#77-5717	#78-5553	#79-5478	#80-5452
#81-5592	#82-5641	#83-5621	#84-5588	#85-5579	#86-5463	#87-5564	#88-5261	#89-5302	#90-5355
#91-5337	#92-5657	#93-5544	#94-5550	#95-5315	#96-5704	#97-5372	#98-5670	#99-5649	#100-5280

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