TEST REPORT

Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF
FCC Part 15 Subpart E (UNII)

Nextivity Inc.
Model(s): CELFI-RS240CU and CELFI-RS240WU

IC CERTIFICATION #:	9298A-CRS240CU & 9298A-CRS240WU
FCC ID:	YETCELFI-RS240CU & YETCELFI-RS240WU
COMPANY:	Nextivity Inc. 12230 World Trade Drive Suite 250 San Diego, CA, 92128
TEST SITE:	Elliott Laboratories 41039 Boyce Road Fremont, CA 94538
REPORT DATE:	November 3, 2011
FINAL TEST DATE:	October 7 and 18, 2011
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A2LA ACCREDITED
Testing Cert #2016.01

REVISION HISTORY

Rev #	Date	Comments	Modified By
1.0	11-3-2011	Initial Release	-

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SCOPE

Test data has been taken pursuant to the relevant DFS requirements of the following standard(s):

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.
- Testing was performed following the Nextivity Inc. "DFS Implementation Proposal" version 0.7 accepted by the FCC and NTIA per KDB 705614 that fully describes the special nature of operation of the CelFi system and required test modes. Refer to Appendix G.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein as outlined in Elliott Laboratories test procedures. The test results recorded herein are based on a single type test of the Nextivity Inc. model CELFI-RS240CU and CELFI-RS240WU and therefore apply only to the tested sample. The sample was selected and prepared by Rama Akella of Nextivity Inc.

OBJECTIVE

The objective of the manufacturer is to comply with the standards identified in the previous section. In order to demonstrate compliance, the manufacturer or a contracted laboratory makes measurements and takes the necessary steps to ensure that the equipment complies with the appropriate technical standards. Compliance with some DFS features is covered through a manufacturer statement or through observation of the device.

STATEMENT OF COMPLIANCE

The tested sample of the Nextivity Inc. model CELFI-RS240CU and CELFI-RS240WU complied with the DFS requirements of FCC Part 15.407(h)(2).

Maintenance of compliance is the responsibility of the manufacturer. Any modifications to the product should be assessed to determine their potential impact on the compliance status of the device with respect to the standards detailed in this test report.

DEVIATIONS FROM THE STANDARD

No deviations were made from the test methods and requirements covered by the scope of this report.

EQUIPMENT UNDER TEST (EUT) DETAILS

GENERAL

The Nextivity Inc. model CELFI-RS240CU and CELFI-RS240WU comprise a cellular repeater system that is designed to allow for cellular reception within a building. It is comprised of two devices. The WU communicates with the cellular network and can transmit to the CU in the 5470-5725 MHZ band. The CU communicates with cellular handsets and can transmit to the WU in the 5150-5350 MHz band. Both were treated as table-top equipment during testing to simulate the end-user environment. Both the CU and the WU are powered via external AC/DC adapters. The electrical rating of the adapters is 90-264VAC, 47-63 Hz, 0.8A Max.

The sample was received on October 7, 2011 and tested on October 7 and 18, 2011. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Nextivity	CELFI-RS240WU	Cel-Fi Window Unit	130131000423
Nextivity	CELFI-RS240CU	Cel-Fi Coverage Unit	131131000123

The manufacturer declared values for the EUT operational characteristics that affect DFS are as follows:

Operating Modes (5250 – 5350 MHz, 5470 – 5725 MHz) –CELFI-RS240WU

☒ Master Device 5250-5350 MHz – Note: The device acts as a Master in the 5250-5350 MHz band only during CU Synchronization mode.

☐ Master Device 5470-5725 MHz

☒ Master Device 5470-5725 MHz (excluding 5600-5650 MHz)

☐ Client Device (no In Service Monitoring, no Ad-Hoc mode)

☐ Client Device with In-Service Monitoring

Operating Modes (5250 – 5350 MHz) –CELFI-RS240CU

☒ Master Device 5250-5350 MHz

☐ Master Device 5470-5725 MHz

☐ Master Device 5470-5725 MHz (excluding 5600-5650 MHz)

☐ Client Device (no In Service Monitoring, no Ad-Hoc mode)

☐ Client Device with In-Service Monitoring

Antenna Gains / EIRP (5250 – 5725 MHz) - CELFI-RS240WU

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	5.5	5.5
Highest Antenna Gain (dBi)	5.5	5.5
EIRP Output Power (dBm)	22.9	Note 1

☐ Power can exceed 200mW eirp

Note 1 – The WU does not transmit in the 5470-5725 MHz band but does receive in this band.

DFS testing was performed with the EUT oriented in the direction of highest antenna gain.

Antenna Gains / EIRP (5250 – 5350 MHz) - CELFI-RS240CU

	5250 – 5350 MHz
Lowest Antenna Gain (dBi)	5.5
Highest Antenna Gain (dBi)	5.5
EIRP Output Power (dBm)	22.9

☐ Power can exceed 200mW eirp

The CU does not transmit in the 5250-5350 MHz band but does receive in this band.

DFS testing was performed with the EUT oriented in the direction of highest antenna gain.

Channel Protocol

☐ IP Based

☒ Frame Based

☐ OTHER _____

ENCLOSURE

The EUT (WU) enclosure measures approximately 27.3 by 13.97 by 12.7 centimeters. It is primarily constructed of plastic.

The EUT (CU) enclosure measures approximately 16.5 by 5.4 by 12.7 centimeters. It is primarily constructed of plastic.

MODIFICATIONS

The EUT did not require modifications during testing in order to comply with the requirements of the standard(s) referenced in this test report.

SUPPORT EQUIPMENT

The following equipment was used as local support equipment for testing:

Manufacturer	Model	Description	Serial Number	FCC ID
Nextivity	CELFI-RS240WU	Cel-Fi Window Unit	130131000423	
Nextivity	CELFI-RS240CU	Cel-Fi Coverage Unit	131131000123	
Agilent	8960 Series	Wireless Communications Test Set	GB47320116	

The WU and the CU are both Master devices during normal operation in their respective bands.

EUT INTERFACE PORTS

The I/O cabling configuration during testing was as follows:

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
USB	Laptop USB	Multi-wire	Shielded	3
AC Adapter Power	AC Mains	-	-	-
DC Power	AC Adapter	Two wire	Unshielded	2

EUT OPERATION

The EUT was operating with the following software. The software is secured by encryption to prevent the user from disabling the DFS function.

Master Device: Version 3.1.44

Client Device: Version 3.1.44

The manufacturer provided special software that over-rode the non-occupancy mechanism (allowing return to the same channel) for the purposes of determining the probability of detection. This test feature was disabled and the normal operating software enabled for verifying the 30-minute non-occupancy period and channel move time.

The start of the Channel Availability Check was 5 seconds after the command to change channel was sent.

During the tests the system was configured as described in the DFS Implementation Proposal document for each of the modes tested.

In the CU Synchronization Mode, the WU traffic on the channel is set at 50% duty cycle in software. In Steady State mode, the traffic on the channel is continuous on F_L for the WU and on F_H for the CU. In Steady State mode, the WU is only receiving of F_H and the CU is only receiving on F_L. Refer to refer to Figure 3.

RADAR WAVEFORMS

Table 1 - FCC Short Pulse Radar Test Waveforms					
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses / burst	Minimum Detection Percentage	Minimum Number of Trials
1	1	1428	18	60%	30
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

Table 2 - FCC Long Pulse Radar Test Waveforms							
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Pulses / burst	Number of *Bursts*	Minimum Detection Percentage	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 3 - FCC Frequency Hopping Radar Test Waveforms							
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

TEST RESULTS

TEST RESULTS SUMMARY – FCC Part 15, MASTER DEVICE

Table 4 - FCC Part 15 Subpart E Master Device Test Result Summary – WU (CU Synchronization Mode) Fh

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5563.2 MHz	60.11s	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 1	5563.2 MHz	-62dBm	-62dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	Varies	-62 dBm (note 2)	-62dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Varies	+16/-17MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5563.2 MHz	0 ms 0 ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	5563.2 MHz	-9 ms -8.72 ms	≤ 10s	Appendix C	Pass
Non-occupancy period	-	5563.2 MHz	>30 Minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.5 dBi. The limit is based on an eirp of less than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.

Table 5 - FCC Part 15 Subpart E Master Device Test Result Summary – WU (CU Synchronization Mode) Fl						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5268 MHz	60.12 s	≥ 60s	0	Pass
CAC Detection Threshold	Type 1	5268 MHz	-62dBm	-62dBm (See note 2)	0	Pass
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	Varies	-62 dBm (note 2)	-62dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Varies	MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	Not required in this mode per DFS Implementation Proposal				
Channel move time	Type 1 Type 5					
Non-occupancy period	-					
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-

4) Tests were performed using the radiated test method.
5) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.5 dBi. The limit is based on an eirp of less than 23 dBm.
6) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250 – 5350 MHz.

Table 6 - FCC Part 15 Subpart E Master Device Test Result Summary – CU (Steady State Mode) Fl						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	N/A – CU does not perform CAC				
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	Varies	-62 dBm (note 2)	-62dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Varies	+/- 16 MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5268 MHz 5268 MHz	0 ms 0 ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	5268 MHz 5268 MHz	-11 ms -8.97 ms	≤ 10s	Appendix C	Pass
Non-occupancy period	-	5265 MHz	>30 Minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-

7) Tests were performed using the radiated test method.
8) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.5 dBi. The limit is based on an eirp of less than 23 dBm.
9) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250 – 5350 MHz band.

Table 7 - FCC Part 15 Subpart E Master Device Test Result Summary – WU (Steady State Mode) Fh						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	N/A – No start up in this mode				
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	Varies	-62 dBm (note 2)	-62dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Varies	+16/-17MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5563.2 MHz 5563.2 MHz	0 ms 0 ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	5563.2 MHz 5563.2 MHz	147 ms 0 ms	≤ 10s	Appendix C	Pass
Non-occupancy period	-	5563.2 MHz	>30 Minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-

10) Tests were performed using the radiated test method.
11) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5 dBi. The limit is based on an eirp of less than 23 dBm.
12) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.

MEASUREMENT UNCERTAINTIES

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level, with a coverage factor (k=2) and were calculated in accordance with UKAS document LAB 34.

Measurement	Measurement Unit	Expanded Uncertainty
Timing (Channel move time, aggregate transmission time)	ms	Timing resolution +/- 0.24%
Timing (non occupancy period)	seconds	5 seconds
DFS Threshold (radiated)	dBm	1.6
DFS Threshold (conducted)	dBm	1.2

DFS TEST METHODS

RADIATED TEST METHOD

The combination of master and slave devices is located in an anechoic chamber. The simulated radar waveform is transmitted from a directional horn antenna (typically an EMCO 3115) toward the unit performing the radar detection (radar detection device, RDD). Every effort is made to ensure that the main beam of the EUT's antenna is aligned with the radar-generating antenna.

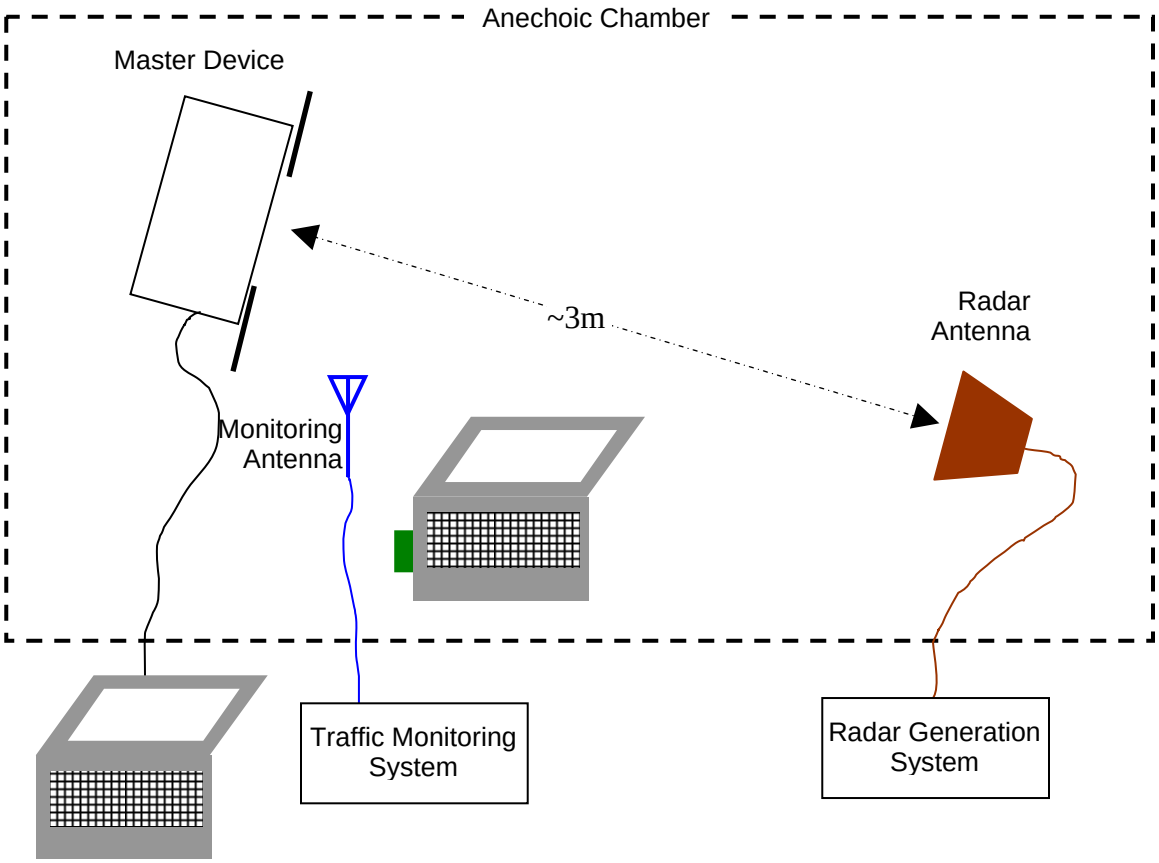

Figure 1 - Test Configuration for Radiated Measurement Method

The signal level of the simulated waveform is set to a reference level equal to the threshold level (plus 1dB if testing against FCC requirements). Lower levels may also be applied on request of the manufacturer. The level reported is the level at the RDD antenna and so it is not corrected for the RDD's antenna gain. The RDD is configured with the lowest gain antenna assembly intended for use with the device.

The signal level is verified by measuring the CW signal level from the radar generation system using a reference antenna of gain G_{REF} (dBi). The radar signal level is calculated from the measured level, R (dBm), and any cable loss, L (dB), between the reference antenna and the measuring instrument:

$$\text{Applied level (dBm)} = R - G_{REF} + L$$

If both master and client devices have radar detection capability then the device not under test is positioned with absorbing material between its antenna and the radar generating antenna, and the radar level at the non RDD is verified to be at least 20dB below the threshold level to ensure that any responses are due to the RDD detecting radar.

The antenna connected to the channel monitoring subsystem is positioned to allow both master and client transmissions to be observed, with the level of the EUT's transmissions between 6 and 10dB higher than those from the other device.

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and Elliott custom software to produce the required waveforms, with the capability to produce both un-modulated and modulated (FM Chirp) pulses. Where there are multiple values for a specific radar parameter then the software selects a value at random and, for FCC tests, the software verifies that the resulting waveform is truly unique.

With the exception of the hopping waveforms required by the FCC's rules (see below), the radar generator is set to a single frequency within the radar detection bandwidth of the EUT. The frequency is varied from trial to trial by stepping in 5MHz steps.

Frequency hopping radar waveforms are simulated using a time domain model. A randomly hopping sequence algorithm (which uses each channel in the hopping radar's range once in a hopping sequence) generates a hop sequence. A segment of the first 100 elements of the hop sequence are then examined to determine if it contains one or more frequencies within the radar detection bandwidth of the EUT. If it does not then the first element of the segment is discarded and the next frequency in the sequence is added. The process repeats until a valid segment is produced. The radar system is then programmed to produce bursts at time slots coincident with the frequencies within the segment that fall in the detection bandwidth. The frequency of the generator is stepped in 1 MHz increments across the EUT's detection range.

The radar signal level is verified during testing using a CW signal with the AGC function switched on. Correction factors to account for the fact that pulses are generated with the AGC functions switched off are measured annually and an offset is used to account for this in the software.

The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna.

CHANNEL MONITORING SYSTEM

Channel monitoring is achieved using a spectrum analyzer and digital storage oscilloscope. The analyzer is configured in a zero-span mode, center frequency set to the radar waveform's frequency or the center frequency of the EUT's operating channel. The IF output of the analyzer is connected to one input of the oscilloscope.

A signal generator output is set to send either the modulating signal directly or a pulse gate with an output pulse co-incident with each radar pulse. This output is connected to a second input on the oscilloscope and the oscilloscope displays both the channel traffic (via the if input) and the radar pulses on its display.

For in service monitoring tests the analyzer sweep time is set to > 20 seconds and the oscilloscope is configured with a data record length of 10 seconds for the short duration and frequency hopping waveforms, 20 seconds for the long duration waveforms. Both instruments are set for a single acquisition sequence. The analyzer is triggered 500ms before the start of the waveform and the oscilloscope is triggered directly by the modulating pulse train. Timing measurements for aggregate channel transmission time and channel move time are made from the oscilloscope data, with the end of the waveform clearly identified by the pulse train on one trace. The analyzer trace data is used to confirm that the last transmission occurred within the 10-second record of the oscilloscope. If necessary the record length of the oscilloscope is expanded to capture the last transmission on the channel prior to the channel move.

Channel availability check time timing plots are made using the analyzer. The analyzer is triggered at start of the EUT's channel availability check and used to verify that the EUT does not transmit when radar is applied during the check time.

The analyzer detector and oscilloscope sampling mode is set to peak detect for all plots.

DFS MEASUREMENT METHODS

DFS RADAR DETECTION BANDWIDTH

The radar detection bandwidth is determined by using FCC radar waveform 1 and applying radar pulses at offsets from the center channel frequency by multiples of 1MHz. These bursts are applied with no traffic on the channel. The first frequencies above and below the center channel frequency that have a detection rate below 90% define the radar bandwidth, the actual range being 1MHz below the upper frequency and 1MHz above the lower frequency.

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

Channel clearing and closing times are measured by applying a burst of radar with the device configured to change channel and by observing the channel for transmissions. The time between the end of the applied radar waveform and the final transmission on the channel is the channel move time.

The aggregate transmission closing time is measured in one of two ways:

FCC/KCC Notice No. 2010-48 – the total time of all individual transmissions from the EUT that are observed starting 200ms at the end of the last radar pulse in the waveform. This value is required to be less than 60ms.

ETSI – the total time of all individual transmissions from the EUT that are observed from the end of the last radar pulse in the waveform. This value is required to be less than 260ms.

DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

The channel that was in use prior to radar detection by the master is additionally monitored for 30 minutes to ensure no transmissions on the vacated channel over the required non-occupancy period. This is achieved by tuning the spectrum analyzer to the vacated channel in zero-span mode and connecting the IF output to an oscilloscope. The oscilloscope is triggered by the radar pulse and set to provide a single sweep (in peak detect mode) that lasts for at least 30 minutes after the end of the channel move time.

DFS CHANNEL AVAILABILITY CHECK TIME

It is preferred that the EUT report when it starts the radar channel availability check. If the EUT does not report the start of the check time, then the time to start transmitting on a channel after switching the device on is measured to approximate the time from power-on to the end of the channel availability check. The start of the channel availability check is assumed to be 60 seconds prior to the first transmission on the channel.

To evaluate the channel availability check, a single burst of one radar type is applied within the first 2 seconds of the start of the channel availability check and it is verified that the device does not use the channel by continuing to monitor the channel for a period of at least 60 seconds. The test is repeated by applying a burst of radar in the last 2 seconds (i.e. between 58 and 60 seconds after the start of CAC when evaluating a 60-second CAC) of the channel availability check.

UNIFORM LOADING

Compliance with the FCC's channel loading requirement is demonstrated through the manufacturer's operational description for the device under test.

TRANSMIT POWER CONTROL (TPC)

Compliance with the transmit power control requirements for devices is demonstrated through measurements showing multiple power levels and manufacturer statements explaining how the power control is implemented.

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

The detection probability, or success rate, for any one radar waveform equals the number of successful trials divided by the total number of trials for that waveform.

In the case of the FCC requirements, for radar waveform types 1 through 4 an additional calculation is made to determine the average detection probability over all four radar waveform types. This calculation is the arithmetic mean of the four individual probabilities.

THRESHOLD LEVEL

The threshold level is the level of the simulated radar waveform at the EUT's antenna. If the test is performed in a conducted fashion then the level at the rf input equals the level at the antenna plus the gain of the antenna assembly, in dBi. The gain of the antenna assembly equals the gain of the antenna minus the loss of the cabling between the rf input and the antenna. The lowest gain value for all antenna assemblies intended for use with the device is used when making this calculation.

If the test is performed using the radiated method then the threshold level is the level at the antenna.

Appendix A Test Equipment Calibration Data

Manufacturer	Description	Model #	Asset #	Cal Due
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	780	28-Dec-11
EMCO	Antenna, Horn, 1-18 GHz	3117	1662	04-May-12
Agilent	PSG Vector Signal Generator (250kHz - 20GHz)	E8267C	1877	30-Mar-12
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	07-Oct-12

Appendix B Test Data Tables for Radar Detection Probability

The plots below show the channel loading during testing as evaluated over a 100 millisecond period. In the CU Synchronization Mode, the WU traffic on the channel is set at 50% duty cycle in software. In Steady State mode, the traffic on the channel is continuous on F_H for the CU and on F_L for the WU. In Steady State mode, the CU is only receiving of F_L and the WU is only receiving on F_H.

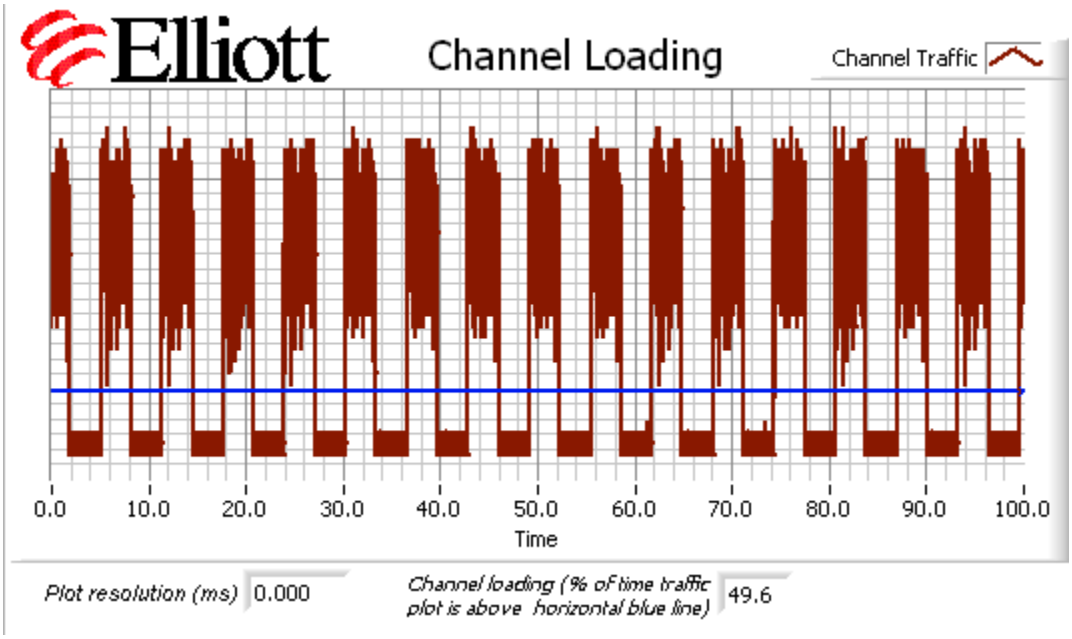

Figure 2 - Channel Utilization During In-Service Detection Measurements – WU (CU Synchronization Mode)

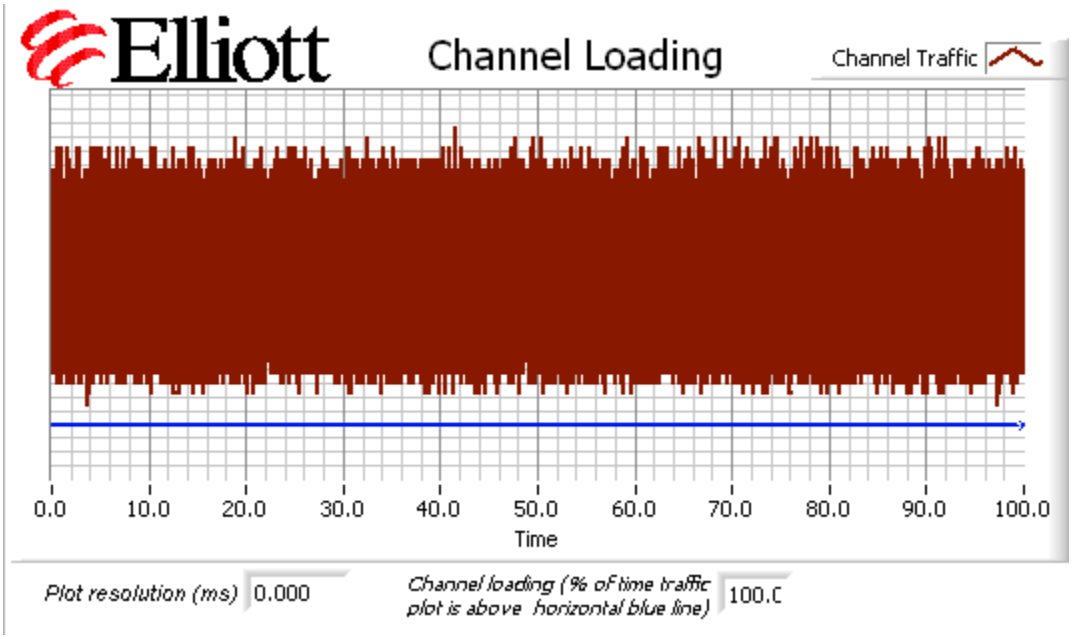

Figure 3 - Channel Utilization During In-Service Detection Measurements – WU and CU (Steady State Mode)

Table 8 - Summary of All Results - WU (CU Synchronization Mode) FH				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	97.5 %	80.0 %	120	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	31	PASSED

Table 9 - FCC Short Pulse Radar (Type 1) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:16:08 PM)
2	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:57:25 PM)
3	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:57:33 PM)
4	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:57:42 PM)
5	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:57:50 PM)
6	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:57:57 PM)
7	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:05 PM)
8	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:13 PM)
9	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:20 PM)
10	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:27 PM)
11	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:36 PM)
12	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:44 PM)
13	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:51 PM)
14	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:58:59 PM)
15	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:59:06 PM)
16	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:59:13 PM)
17	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:59:21 PM)
18	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:59:31 PM)
19	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:59:39 PM)

Table 9 - FCC Short Pulse Radar (Type 1) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
20	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:59:54 PM)
21	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:02 PM)
22	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:09 PM)
23	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:17 PM)
24	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:25 PM)
25	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:34 PM)
26	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:41 PM)
27	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:50 PM)
28	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:00:59 PM)
29	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:01:09 PM)
30	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:01:20 PM)

Table 10 - FCC Short Pulse Radar (Type 4) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	13.9	308.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:16:30 PM)
2	14	19.9	302.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:16:43 PM)
3	15	11.7	241.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:45:45 PM)
4	13	17.6	245.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:45:56 PM)
5	15	18.6	316.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:46:10 PM)
6	13	19.9	365.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:46:17 PM)
7	15	13.8	386.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:47:20 PM)
8	15	17.7	205.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:47:28 PM)
9	12	16.0	409.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:47:37 PM)
10	14	11.2	431.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:47:45 PM)
11	14	16.9	236.0	No	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:47:52 PM)
12	16	13.1	405.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:06 PM)
13	15	15.7	232.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:14 PM)

Table 10 - FCC Short Pulse Radar (Type 4) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
14	16	16.5	338.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:21 PM)
15	14	13.7	286.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:28 PM)
16	15	13.7	255.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:36 PM)
17	14	13.8	292.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:43 PM)
18	16	14.5	219.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:50 PM)
19	14	19.5	484.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:48:57 PM)
20	15	14.6	417.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:05 PM)
21	16	13.6	232.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:12 PM)
22	15	12.9	491.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:19 PM)
23	14	14.0	311.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:27 PM)
24	14	12.7	364.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:34 PM)
25	14	11.4	221.0	No	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:41 PM)
26	13	16.0	442.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:50 PM)
27	15	16.8	211.0	No	5558.2MHz, -62.0dBm	Single burst (10/07/2011 05:49:57 PM)
28	15	16.1	368.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 05:50:06 PM)
29	15	11.2	331.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 05:50:13 PM)
30	14	19.5	486.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 05:50:23 PM)

Table 11 - FCC Short Pulse Radar (Type 3) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	7.5	479.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:02:18 PM)
2	17	8.9	331.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:02:31 PM)
3	18	6.7	246.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:02:46 PM)
4	18	9.1	422.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:02:55 PM)
5	18	8.4	281.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:03:02 PM)
6	17	8.5	499.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:03:10 PM)
7	18	8.4	411.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:03:18 PM)
8	17	7.1	463.0	Yes	5553.2MHz,	Single burst (10/07/2011 06:03:26

Table 11 - FCC Short Pulse Radar (Type 3) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-62.0dBm	PM)
9	17	7.7	375.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:03:43 PM)
10	17	7.5	476.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:03:52 PM)
11	16	9.8	324.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:00 PM)
12	18	8.5	404.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:08 PM)
13	16	9.1	239.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:17 PM)
14	18	8.7	472.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:25 PM)
15	16	9.3	384.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:34 PM)
16	16	8.8	285.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:42 PM)
17	17	7.2	393.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:51 PM)
18	18	8.2	362.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:04:59 PM)
19	16	8.4	340.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:05:07 PM)
20	16	6.9	220.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:05:15 PM)
21	16	6.7	354.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:05:23 PM)
22	17	8.4	319.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:05:32 PM)
23	18	9.2	324.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:05:41 PM)
24	17	8.7	396.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:05:48 PM)
25	16	10.0	329.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:05:56 PM)
26	17	8.0	365.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:06:05 PM)
27	17	6.4	485.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:06:12 PM)
28	16	9.6	389.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:06:21 PM)
29	17	8.0	445.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:06:29 PM)
30	16	9.0	395.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:06:38 PM)

Table 12 - FCC Short Pulse Radar (Type 2) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	24	4.8	213.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:07:18 PM)
2	28	4.4	173.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:07:27 PM)

Table 12 - FCC Short Pulse Radar (Type 2) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
3	24	3.2	223.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:07:36 PM)
4	28	3.6	157.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:07:44 PM)
5	28	3.7	163.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:07:52 PM)
6	25	3.4	221.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:09:36 PM)
7	26	2.1	157.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:11:36 PM)
8	26	3.7	199.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:11:47 PM)
9	24	2.3	184.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:11:55 PM)
10	28	4.9	177.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:05 PM)
11	25	1.9	193.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:13 PM)
12	24	4.2	151.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:20 PM)
13	23	2.0	186.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:27 PM)
14	25	4.2	191.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:35 PM)
15	26	2.2	155.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:42 PM)
16	27	2.0	198.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:49 PM)
17	28	4.1	203.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:12:57 PM)
18	24	2.6	159.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:13:06 PM)
19	29	2.3	185.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:13:14 PM)
20	25	3.4	192.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:13:46 PM)
21	29	3.0	166.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:13:55 PM)
22	24	4.0	227.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:14:03 PM)
23	26	3.7	201.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:14:11 PM)
24	28	2.8	151.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:14:19 PM)
25	25	2.6	201.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:14:33 PM)
26	25	2.3	195.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/07/2011 06:14:42 PM)
27	26	3.0	217.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/07/2011 06:14:55 PM)
28	29	4.7	154.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/07/2011 06:15:03 PM)
29	25	2.4	174.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/07/2011 06:15:11 PM)

Table 12 - FCC Short Pulse Radar (Type 2) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
30	24	3.4	183.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/07/2011 06:15:20 PM)

Table 13 - Long Sequence Waveform Summary WU (CU Synchronization Mode) FH		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5563.2MHz, -62.0dBm
Trial #2	Detected	5558.2MHz, -62.0dBm
Trial #3	Detected	5553.2MHz, -62.0dBm
Trial #4	Detected	5573.2MHz, -62.0dBm
Trial #5	Detected	5568.2MHz, -62.0dBm
Trial #6	Detected	5563.2MHz, -62.0dBm
Trial #7	Detected	5558.2MHz, -62.0dBm
Trial #8	Detected	5553.2MHz, -62.0dBm
Trial #9	Detected	5573.2MHz, -62.0dBm
Trial #10	Detected	5568.2MHz, -62.0dBm
Trial #11	Detected	5563.2MHz, -62.0dBm
Trial #12	Detected	5558.2MHz, -62.0dBm
Trial #13	Detected	5553.2MHz, -62.0dBm
Trial #14	Detected	5573.2MHz, -62.0dBm
Trial #15	Detected	5568.2MHz, -62.0dBm
Trial #16	Detected	5563.2MHz, -62.0dBm
Trial #17	Detected	5558.2MHz, -62.0dBm
Trial #18	Detected	5553.2MHz, -62.0dBm
Trial #19	Detected	5573.2MHz, -62.0dBm
Trial #20	Detected	5568.2MHz, -62.0dBm
Trial #21	Detected	5563.2MHz, -62.0dBm
Trial #22	Detected	5558.2MHz, -62.0dBm
Trial #23	Detected	5553.2MHz, -62.0dBm
Trial #24	Detected	5573.2MHz, -62.0dBm

Table 13 - Long Sequence Waveform Summary WU (CU Synchronization Mode) FH		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #25	Detected	5568.2MHz, -62.0dBm
Trial #26	Detected	5563.2MHz, -62.0dBm
Trial #27	NOT Detected	5558.2MHz, -62.0dBm
Trial #28	Detected	5553.2MHz, -62.0dBm
Trial #29	Detected	5573.2MHz, -62.0dBm
Trial #30	Detected	5568.2MHz, -62.0dBm

Table 14 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	92.6	17	1790.0	-	0.415901
2	2	63.1	11	1394.0	-	1.004056
3	2	84.5	7	1945.0	-	1.341759
4	2	70.9	18	1969.0	-	2.622553
5	3	62.4	5	1735.0	1027.0	3.059001
6	2	55.2	6	1199.0	-	3.420299
7	2	87.0	19	1765.0	-	4.347002
8	2	64.4	16	1323.0	-	4.931718
9	2	71.9	10	1317.0	-	5.820117
10	1	70.4	6	-	-	6.639378
11	2	88.0	6	1694.0	-	6.855835
12	2	90.3	10	1107.0	-	7.912719
13	2	83.3	7	1922.0	-	8.216666
14	2	69.1	13	1857.0	-	8.765762
15	2	60.0	8	1831.0	-	9.577907
16	2	83.5	10	1287.0	-	10.154118
17	2	68.1	18	1735.0	-	10.787895
18	2	93.2	18	1135.0	-	11.703803

Table 15 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	85.3	8	1893.0	-	0.710854
2	2	53.5	14	1482.0	-	1.467813
3	3	52.6	10	1118.0	1711.0	2.019370
4	2	62.6	8	1620.0	-	3.176091
5	2	81.5	9	1592.0	-	4.845391
6	1	95.3	8	-	-	5.374791
7	2	51.4	20	1587.0	-	6.970847
8	2	67.6	9	1884.0	-	7.470872
9	1	61.5	8	-	-	8.928884
10	3	68.7	16	1446.0	1995.0	9.926690
11	3	69.5	11	1953.0	1924.0	10.849323
12	2	91.6	12	1122.0	-	11.037162

Table 16 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	66.7	17	1700.0	-	0.743841
2	2	64.7	16	1816.0	-	1.452520
3	2	58.1	12	1938.0	-	2.478307
4	2	66.2	19	1488.0	-	3.232294
5	1	96.5	5	-	-	4.243677
6	2	66.3	11	1075.0	-	4.710133
7	3	62.7	14	1321.0	1220.0	6.295065
8	2	79.8	14	1623.0	-	7.144586
9	2	78.7	13	1922.0	-	7.480300
10	3	92.2	14	1517.0	1717.0	9.017711
11	2	93.7	7	1036.0	-	9.387706
12	2	90.5	15	1635.0	-	10.328155
13	2	81.3	12	1099.0	-	11.084247

Table 17 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	78.7	9	1813.0	1514.0	0.535110
2	3	50.1	9	1227.0	1472.0	1.126474
3	2	79.9	13	1974.0	-	1.631965
4	2	98.0	11	1459.0	-	2.307517
5	2	62.5	9	1875.0	-	3.024674
6	2	77.2	17	1732.0	-	3.962267
7	2	90.2	7	1387.0	-	4.476881
8	3	79.8	9	1411.0	1180.0	5.398272
9	1	62.4	9	-	-	5.967062
10	1	61.6	6	-	-	6.746600
11	3	63.7	12	1326.0	1999.0	7.279865
12	2	86.0	13	1848.0	-	7.950376
13	2	95.8	6	1661.0	-	8.570354
14	2	63.1	16	1409.0	-	9.647149
15	2	54.6	17	1846.0	-	10.317329
16	2	57.2	20	1344.0	-	10.800992
17	2	74.0	13	1470.0	-	11.458061

Table 18 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	91.2	19	1876.0	-	0.375293
2	2	50.8	9	1736.0	-	1.672369
3	1	94.5	15	-	-	2.949991
4	2	54.3	5	1551.0	-	3.630387
5	3	99.5	8	1003.0	1937.0	4.894569
6	1	80.9	13	-	-	6.333725
7	3	70.3	8	1780.0	1815.0	7.879559
8	2	72.9	18	1217.0	-	8.661543
9	2	80.2	10	1261.0	-	9.926152
10	3	67.2	18	1692.0	1700.0	11.229483

Table 19 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	66.8	17	1454.0	-	0.613859
2	1	83.4	6	-	-	1.233371
3	3	73.3	17	1851.0	1275.0	1.618843
4	3	72.7	9	1793.0	1294.0	2.891040
5	2	73.1	14	1478.0	-	3.338050
6	3	66.2	5	1701.0	1893.0	4.220157
7	2	50.0	15	1219.0	-	5.055480
8	1	64.0	17	-	-	5.956743
9	2	67.8	11	1354.0	-	6.413640
10	3	98.0	13	1016.0	1035.0	7.454529
11	2	90.5	14	1989.0	-	7.705151
12	1	87.8	18	-	-	8.993986
13	1	95.5	6	-	-	9.652891
14	2	78.4	17	1172.0	-	10.037910
15	2	99.3	19	1661.0	-	10.804097
16	2	91.6	19	1842.0	-	11.502810

Table 20 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	97.5	16	1361.0	-	0.329031
2	2	76.5	6	1462.0	-	2.172915
3	3	91.7	7	1690.0	1116.0	2.686432
4	1	56.9	8	-	-	3.386087
5	2	84.7	19	1560.0	-	4.579889
6	3	73.6	5	1822.0	1369.0	6.365680
7	2	77.4	18	1338.0	-	7.358127
8	2	61.3	10	1768.0	-	8.521422
9	1	71.4	17	-	-	9.198751
10	2	60.2	11	1676.0	-	10.201365
11	3	66.9	15	1284.0	1394.0	11.133180

Table 21 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	93.1	5	1061.0	-	0.509333
2	2	80.9	19	1808.0	-	1.125090
3	1	65.2	15	-	-	1.724567
4	2	82.2	19	1380.0	-	2.126852
5	1	57.9	14	-	-	3.130813
6	2	75.0	6	1848.0	-	3.392804
7	1	60.1	8	-	-	4.361304
8	1	61.6	16	-	-	5.011336
9	3	88.8	20	1091.0	1033.0	5.627881
10	1	94.0	20	-	-	6.194387
11	3	69.9	16	1659.0	1296.0	6.426233
12	2	63.6	7	1478.0	-	7.354155
13	2	78.9	18	1092.0	-	8.082626
14	3	87.4	18	1516.0	1380.0	8.499313
15	2	75.2	12	1125.0	-	8.871985

Table 21 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
16	1	81.2	12	-	-	9.855305
17	2	63.1	7	1118.0	-	10.406672
18	1	73.6	19	-	-	10.869774
19	2	94.1	17	1065.0	-	11.726040

Table 22 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#9 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	72.2	18	1747.0	-	0.489595
2	2	71.9	17	1739.0	-	1.397462
3	3	96.5	14	1198.0	1133.0	1.852963
4	2	95.1	18	1389.0	-	2.881737
5	1	50.7	6	-	-	3.008327
6	1	73.4	16	-	-	4.129729
7	3	98.7	19	1670.0	1359.0	5.227723
8	3	77.8	6	1573.0	1526.0	5.703355
9	1	53.7	8	-	-	6.053758
10	3	60.0	15	1737.0	1532.0	7.306334
11	1	61.1	20	-	-	7.929663
12	3	70.3	6	1025.0	1611.0	8.489455
13	1	97.5	12	-	-	9.028608
14	3	69.8	8	1995.0	1099.0	9.939708
15	1	87.1	15	-	-	11.146794
16	2	78.4	14	1976.0	-	11.641409

Table 23 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	67.8	7	1354.0	1609.0	1.022920
2	2	84.8	17	1862.0	-	1.338356
3	2	53.6	13	1144.0	-	2.361674
4	2	83.7	16	1597.0	-	3.670931
5	2	87.1	8	1345.0	-	5.185738
6	1	65.2	11	-	-	5.598025
7	1	91.8	11	-	-	6.650809
8	2	51.7	8	1887.0	-	8.084260
9	1	75.9	19	-	-	8.824989
10	2	86.8	12	1451.0	-	10.458318
11	1	88.7	9	-	-	11.075911

Table 24 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	73.2	17	-	-	0.478502
2	3	55.8	16	1435.0	1389.0	0.885216
3	2	59.1	10	1800.0	-	1.872394
4	1	51.0	6	-	-	2.256023
5	2	89.5	17	1042.0	-	3.653229
6	1	84.7	17	-	-	3.946986

Table 24 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
7	3	98.2	6	1346.0	1125.0	4.602734
8	2	64.8	17	1614.0	-	5.600486
9	1	92.7	13	-	-	6.517040
10	2	92.1	6	1323.0	-	6.889528
11	1	92.7	7	-	-	8.119335
12	3	93.0	16	1876.0	1150.0	8.679415
13	1	56.9	15	-	-	9.727695
14	2	63.2	17	1917.0	-	9.849000
15	3	77.6	7	1313.0	1909.0	10.632305
16	1	85.1	14	-	-	11.307253

Table 25 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#12 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	96.2	12	1979.0	-	0.663998
2	1	72.1	10	-	-	1.609687
3	2	71.2	7	1985.0	-	3.503321
4	1	92.4	13	-	-	5.456827
5	2	70.1	19	1206.0	-	6.797342
6	1	85.3	9	-	-	8.993017
7	1	88.0	16	-	-	9.034998
8	2	74.4	17	1221.0	-	11.485514

Table 26 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	74.4	6	1717.0	-	0.287203
2	3	89.7	17	1414.0	1746.0	0.777836
3	2	89.4	11	1517.0	-	1.632717
4	3	50.0	16	1206.0	1993.0	1.917030
5	2	70.5	9	1694.0	-	2.562835
6	2	51.4	17	1640.0	-	3.263801
7	2	52.0	17	1603.0	-	3.963898
8	1	67.6	15	-	-	4.731480
9	1	87.4	10	-	-	5.111604
10	2	62.6	15	1530.0	-	5.870044
11	2	92.4	18	1494.0	-	6.134866
12	3	84.9	18	1483.0	1200.0	6.915046
13	2	78.8	20	1492.0	-	7.628880
14	2	89.5	17	1259.0	-	7.802677
15	2	69.4	20	1040.0	-	8.743696
16	3	91.1	8	1776.0	1511.0	9.017339
17	2	89.6	17	1430.0	-	9.608935
18	2	64.8	10	1926.0	-	10.629100
19	1	84.1	13	-	-	11.266154
20	2	96.8	6	1212.0	-	11.865179

Table 27 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#14 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	78.6	19	1522.0	-	0.432098
2	2	82.8	9	1459.0	-	0.861545
3	2	56.9	19	1578.0	-	1.764939
4	2	98.4	16	1715.0	-	2.315665
5	2	91.4	19	1722.0	-	2.762315
6	2	89.5	17	1056.0	-	3.688298
7	3	64.8	16	1504.0	1851.0	4.229538
8	2	72.0	15	1011.0	-	4.692325
9	2	88.3	19	1353.0	-	5.623874
10	2	93.4	15	1810.0	-	5.955831
11	1	62.5	16	-	-	6.679146
12	2	93.0	7	1418.0	-	7.379773
13	3	93.1	10	1463.0	1564.0	8.074745
14	3	51.1	15	1971.0	1171.0	8.371089
15	1	55.8	18	-	-	9.222604
16	1	71.9	10	-	-	9.673828
17	1	78.8	13	-	-	10.688805
18	2	76.5	7	1177.0	-	10.851679
19	2	58.1	11	1639.0	-	11.494191

Table 28 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#15 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	87.2	8	-	-	0.532580
2	1	89.4	16	-	-	1.399369
3	2	93.3	5	1723.0	-	2.732893
4	1	95.3	11	-	-	3.407750
5	2	79.1	12	1813.0	-	4.143577
6	2	54.7	16	1313.0	-	4.965044
7	2	57.9	13	1911.0	-	5.642563
8	2	70.0	11	1259.0	-	6.501808
9	2	98.1	10	1239.0	-	7.695579
10	1	98.8	8	-	-	9.075148
11	2	99.8	19	1703.0	-	9.669021
12	3	51.0	15	1381.0	1315.0	11.041225
13	1	91.1	6	-	-	11.089172

Table 29 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#16 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	78.4	5	1448.0	-	0.559917
2	2	73.3	13	1057.0	-	1.024448
3	3	93.1	9	1008.0	1888.0	1.633461
4	2	58.3	8	1642.0	-	2.289480
5	2	89.3	8	1496.0	-	3.129467
6	2	71.3	7	1660.0	-	3.301674
7	2	67.5	19	1125.0	-	3.801893
8	1	65.6	16	-	-	4.581474
9	2	64.8	5	1918.0	-	5.267208
10	2	92.2	13	1832.0	-	6.123968
11	3	58.0	11	1535.0	1829.0	6.435171
12	3	98.4	12	1170.0	1587.0	7.099718

Table 29 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
13	3	63.2	15	1467.0	1205.0	7.750330
14	1	60.5	16	-	-	8.432920
15	2	95.5	5	1332.0	-	9.048829
16	2	69.8	7	1338.0	-	9.541255
17	1	94.8	16	-	-	10.583382
18	2	93.2	10	1940.0	-	11.236279
19	1	74.4	7	-	-	11.567641

Table 30 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	75.5	19	-	-	0.462854
2	1	90.8	6	-	-	0.960366
3	2	62.4	7	1976.0	-	1.992350
4	1	73.5	13	-	-	2.138446
5	3	70.0	9	1480.0	1923.0	2.775155
6	2	92.7	6	1006.0	-	3.587685
7	2	72.0	19	1132.0	-	4.040877
8	3	56.7	13	1434.0	1327.0	4.860047
9	2	69.1	14	1876.0	-	5.949652
10	2	86.7	7	1610.0	-	6.001207
11	2	98.0	7	1379.0	-	7.108432
12	1	99.6	18	-	-	7.948123
13	2	71.3	19	1030.0	-	8.450604
14	3	75.8	17	1094.0	1634.0	8.764894
15	2	94.6	16	1446.0	-	9.447591
16	2	71.3	7	1492.0	-	10.527482
17	1	83.2	10	-	-	11.185488
18	2	97.2	11	1939.0	-	11.972615

Table 31 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	53.7	12	-	-	0.518390
2	2	87.1	12	1771.0	-	1.358019
3	2	53.8	13	1141.0	-	2.085543
4	3	73.0	12	1172.0	1624.0	3.229112
5	3	91.3	10	1836.0	1114.0	4.084441
6	3	93.8	19	1184.0	1160.0	4.811888
7	2	62.7	14	1676.0	-	6.248211
8	2	68.2	8	1480.0	-	7.149162
9	1	74.2	7	-	-	8.151736
10	2	73.8	18	1129.0	-	8.324466
11	3	92.1	18	1298.0	1315.0	9.812992
12	2	66.1	6	1551.0	-	10.620633
13	1	98.9	12	-	-	11.907227

Table 32 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#19 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	78.4	14	-	-	0.708139
2	1	80.8	19	-	-	0.803028
3	2	96.9	18	1162.0	-	1.868786
4	2	85.9	16	1996.0	-	2.733785
5	3	61.4	6	1922.0	1309.0	3.221297
6	1	67.1	5	-	-	4.109659
7	3	96.3	17	1907.0	1409.0	4.684366
8	1	79.4	19	-	-	5.496898
9	3	72.0	15	1090.0	1249.0	6.316561
10	3	57.8	10	1719.0	1353.0	6.778424
11	1	86.8	12	-	-	7.765573
12	2	67.3	9	1314.0	-	8.292781
13	2	89.2	16	1426.0	-	9.082863
14	2	59.2	14	1597.0	-	10.160189
15	2	81.0	13	1675.0	-	10.863114
16	3	86.0	14	1558.0	1896.0	11.527863

Table 33 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#20 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	75.5	7	-	-	1.210242
2	2	87.3	14	1423.0	-	2.354263
3	3	53.4	19	1815.0	1976.0	3.455914
4	2	80.2	15	1832.0	-	4.181465
5	1	67.1	18	-	-	5.784410
6	3	72.5	18	1265.0	1156.0	7.542475
7	2	60.2	14	1937.0	-	8.133103
8	2	99.1	8	1187.0	-	10.027059
9	2	87.4	6	1162.0	-	10.780457

Table 34 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#21 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	97.0	17	1844.0	1749.0	0.492852
2	3	54.1	16	1936.0	1790.0	0.731156
3	2	72.2	11	1632.0	-	1.839163
4	2	69.1	11	1804.0	-	2.165457
5	2	57.8	6	1757.0	-	3.498528
6	1	83.7	11	-	-	4.062952
7	2	77.9	19	1232.0	-	4.814622
8	2	81.0	11	1026.0	-	5.537162
9	1	94.6	5	-	-	6.307400
10	2	99.4	18	1102.0	-	6.882365
11	3	91.4	16	1654.0	1179.0	7.689515
12	3	88.7	15	1915.0	1346.0	8.038482
13	2	68.1	9	1094.0	-	9.018166
14	1	87.3	19	-	-	9.687973
15	2	99.8	9	1988.0	-	10.536336
16	2	53.2	20	1352.0	-	11.209842
17	1	72.5	6	-	-	11.772669

Table 35 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	99.6	8	1967.0	-	1.082489
2	1	58.4	20	-	-	1.307486
3	3	79.4	6	1406.0	1242.0	3.157169
4	3	83.1	12	1567.0	1308.0	3.999189
5	3	67.0	19	1307.0	1016.0	4.993726
6	2	64.5	7	1207.0	-	6.241531
7	3	68.3	15	1389.0	1011.0	7.395617
8	2	67.9	10	1993.0	-	7.656356
9	1	91.4	5	-	-	9.296302
10	1	95.9	13	-	-	10.022768
11	2	93.0	17	1311.0	-	11.582556

Table 36 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	55.5	14	1723.0	-	0.132197
2	3	81.9	13	1500.0	1088.0	0.644535
3	1	79.8	20	-	-	1.340369
4	2	62.3	9	1093.0	-	2.461862
5	3	63.9	9	1595.0	1107.0	2.591935
6	3	78.8	15	1373.0	1902.0	3.323150
7	3	61.4	10	1714.0	1243.0	3.944169
8	2	68.3	15	1268.0	-	4.601289
9	3	78.7	6	1127.0	1659.0	5.098036
10	3	84.7	5	1978.0	1340.0	5.873272
11	2	88.2	6	1409.0	-	6.485387
12	2	65.9	19	1718.0	-	7.001640
13	1	83.1	14	-	-	8.085980
14	2	95.0	15	1027.0	-	8.308325
15	2	64.4	11	1169.0	-	9.327187
16	2	99.7	12	1995.0	-	9.889429
17	2	66.1	15	1393.0	-	10.497981
18	3	57.7	7	1121.0	1922.0	11.058222
19	3	73.3	14	1228.0	1744.0	11.980156

Table 37 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	81.3	13	-	-	0.027593
2	3	87.6	13	1712.0	1805.0	1.472594
3	3	74.1	15	1887.0	1872.0	1.715465
4	2	50.3	11	1670.0	-	2.818983
5	3	71.3	18	1331.0	1045.0	3.921904
6	3	85.6	18	1346.0	1157.0	4.256026
7	3	59.4	6	1048.0	1833.0	5.151771
8	2	87.4	15	1725.0	-	6.249305
9	3	82.0	8	1822.0	1759.0	6.492812
10	3	60.7	14	1944.0	1239.0	7.255850
11	2	79.7	14	1864.0	-	8.407892
12	1	86.2	6	-	-	9.439759

Table 37 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
13	2	65.7	17	1142.0	-	9.918690
14	3	100.0	9	1969.0	1673.0	10.574929
15	3	93.7	17	1166.0	1406.0	11.376167

Table 38 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#25 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	81.2	15	1894.0	-	0.242797
2	1	97.8	8	-	-	0.945564
3	2	89.9	12	1197.0	-	1.540549
4	2	78.0	10	1840.0	-	2.576466
5	2	90.0	18	1783.0	-	3.267493
6	2	95.7	7	1165.0	-	4.273792
7	2	69.8	10	1572.0	-	5.051555
8	1	91.4	18	-	-	5.678795
9	2	54.5	19	1063.0	-	6.646515
10	1	70.4	6	-	-	7.383103
11	3	78.5	12	1755.0	1949.0	8.166286
12	3	66.6	19	1651.0	1294.0	8.720824
13	2	67.5	6	1279.0	-	9.455704
14	3	80.3	10	1844.0	1219.0	9.770366
15	2	58.7	6	1813.0	-	10.562875
16	2	81.1	12	1649.0	-	11.392382

Table 39 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#26 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	66.7	9	1626.0	-	0.131874
2	1	75.6	9	-	-	1.530852
3	3	50.9	18	1770.0	1787.0	4.300790
4	3	96.3	16	1257.0	1635.0	5.875064
5	3	75.3	14	1109.0	1444.0	6.718089
6	1	84.3	9	-	-	7.964478
7	3	62.2	14	1353.0	1810.0	9.611677
8	1	56.5	8	-	-	10.987850

Table 40 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#27 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	89.0	10	1233.0	1143.0	0.837052
2	1	62.2	8	-	-	1.873018
3	2	87.9	8	1394.0	-	2.532348
4	2	85.4	11	1853.0	-	3.693009
5	1	58.9	17	-	-	5.112589
6	1	86.0	14	-	-	6.950088
7	1	77.1	15	-	-	7.921033
8	2	97.0	16	1640.0	-	9.481936
9	2	92.9	11	1660.0	-	9.659639
10	3	54.8	8	1633.0	1067.0	11.540603

Table 41 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	57.0	11	1689.0	-	0.718181
2	2	79.3	6	1796.0	-	0.947678
3	1	91.5	9	-	-	2.198999
4	3	74.7	9	1826.0	1889.0	2.517288
5	2	76.8	7	1036.0	-	3.933605
6	2	67.7	16	1133.0	-	4.097378
7	3	54.0	11	1643.0	1079.0	4.993236
8	2	96.0	6	1448.0	-	5.841031
9	1	92.0	20	-	-	6.875730
10	1	77.5	18	-	-	7.701908
11	1	61.8	20	-	-	8.594258
12	1	59.0	17	-	-	8.826124
13	1	54.3	16	-	-	9.694391
14	1	88.4	19	-	-	10.716825
15	2	74.3	6	1696.0	-	11.774268

Table 42 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	84.2	14	1471.0	-	0.075526
2	2	86.7	6	1275.0	-	1.153886
3	3	61.5	6	1307.0	1559.0	1.928910
4	2	90.3	11	1143.0	-	2.792597
5	3	54.4	7	1394.0	1324.0	4.359504
6	2	62.8	18	1885.0	-	4.935874
7	2	99.3	13	1063.0	-	6.029337
8	2	86.6	18	1175.0	-	7.074436
9	1	77.4	6	-	-	7.556618
10	1	78.1	10	-	-	8.498765
11	3	84.6	15	1965.0	1242.0	9.756617
12	1	58.5	11	-	-	10.956784
13	2	52.5	9	1056.0	-	11.288651

Table 43 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	67.5	17	1356.0	1186.0	0.217395
2	3	93.7	15	1011.0	1469.0	0.918850
3	3	74.0	11	1713.0	1619.0	2.037419
4	2	63.1	17	1664.0	-	2.828474
5	2	69.8	8	1170.0	-	3.821111
6	1	94.0	15	-	-	4.698258
7	1	99.3	7	-	-	5.021136
8	2	95.8	7	1180.0	-	6.105262
9	1	88.4	10	-	-	6.941035
10	1	77.7	20	-	-	7.427213
11	2	96.3	16	1876.0	-	8.449531
12	3	54.3	8	1462.0	1987.0	9.162961
13	3	93.8	20	1551.0	1900.0	9.761180

Table 43 - WU (CU Synchronization Mode) FH Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
14	2	82.7	19	1362.0	-	10.967555
15	3	64.2	17	1723.0	1260.0	11.857906

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5577.2MHz, -62.0dBm	Hop sequence: 5544, 5713, 5658, 5605, 5323, 5384, 5726, 5708, 5687, 5695, 5475, 5548, 5450, 5645, 5665, 5439, 5718, 5611, 5481, 5380, 5604, 5688, 5595, 5647, 5283, 5711, 5593, 5415, 5316, 5260, 5302, 5630, 5293, 5372, 5368, 5641, 5697, 5444, 5723, 5510, 5677, 5360, 5357, 5366, 5421, 5463, 5417, 5541, 5278, 5388, 5557, 5311, 5344, 5396, 5320, 5589, 5542, 5597, 5329, 5529, 5545, 5371, 5275, 5575, 5513, 5600, 5358, 5654, 5409, 5461, 5520, 5709, 5299, 5446, 5467, 5721, 5274, 5491, 5407, 5285, 5648, 5717, 5639, 5303, 5465, 5307, 5632, 5519, 5280, 5676, 5684, 5603, 5392, 5337, 5300, 5602, 5581, 5252, 5343, 5459 (2 hits) (10/07/2011 06:25:11 PM)
2	9	1.0	333.0	Yes	5578.2MHz, -62.0dBm	Hop sequence: 5658, 5601, 5538, 5251, 5348, 5418, 5460, 5361, 5714, 5696, 5526, 5600, 5290, 5352, 5342, 5483, 5322, 5569, 5553, 5625, 5561, 5535, 5646, 5428, 5659, 5536, 5681, 5370, 5617, 5498, 5590, 5647, 5399, 5344, 5468, 5678, 5511, 5378, 5725, 5284, 5575, 5374, 5276, 5407, 5504, 5505, 5402, 5568, 5666, 5494, 5412, 5341, 5534, 5525, 5724, 5513, 5514, 5467, 5499, 5691, 5699, 5359, 5668, 5564, 5576, 5694, 5380, 5530, 5545, 5539, 5416, 5252, 5419, 5609, 5354, 5393, 5701, 5334, 5634, 5326, 5417, 5566, 5603, 5631, 5369, 5452, 5363, 5577, 5524, 5624, 5365, 5404, 5626, 5563, 5335, 5368, 5316, 5420, 5641, 5424 (10 hits) (10/07/2011 06:25:19 PM)
3	9	1.0	333.0	Yes	5548.2MHz, -62.0dBm	Hop sequence: 5354, 5722, 5658, 5716, 5584, 5608, 5267, 5579, 5502, 5363, 5503, 5605, 5536,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5725, 5613, 5368, 5692, 5324, 5611, 5414, 5537, 5343, 5720, 5440, 5585, 5350, 5508, 5408, 5255, 5533, 5314, 5700, 5449, 5566, 5263, 5578, 5541, 5543, 5483, 5718, 5618, 5346, 5620, 5606, 5337, 5501, 5455, 5288, 5462, 5475, 5630, 5302, 5548, 5582, 5688, 5322, 5713, 5457, 5469, 5378, 5622, 5484, 5677, 5557, 5703, 5458, 5691, 5515, 5624, 5665, 5660, 5304, 5615, 5398, 5655, 5489, 5562, 5581, 5460, 5444, 5450, 5499, 5393, 5389, 5298, 5456, 5516, 5621, 5555, 5577, 5383, 5306, 5679, 5662, 5715, 5321, 5476, 5371, 5587, 5339 (6 hits) (10/07/2011 06:25:27 PM)
4	9	1.0	333.0	Yes	5549.2MHz, -62.0dBm	Hop sequence: 5398, 5687, 5255, 5499, 5371, 5279, 5263, 5436, 5319, 5342, 5550, 5675, 5453, 5532, 5498, 5289, 5560, 5569, 5432, 5457, 5644, 5530, 5291, 5260, 5544, 5526, 5399, 5564, 5666, 5557, 5421, 5465, 5391, 5334, 5717, 5440, 5283, 5562, 5427, 5405, 5313, 5678, 5435, 5397, 5439, 5559, 5422, 5702, 5521, 5701, 5438, 5582, 5393, 5522, 5612, 5363, 5415, 5269, 5587, 5327, 5270, 5726, 5328, 5492, 5352, 5517, 5548, 5446, 5706, 5579, 5578, 5588, 5329, 5581, 5374, 5292, 5610, 5513, 5508, 5552, 5496, 5382, 5583, 5572, 5721, 5356, 5462, 5558, 5456, 5481, 5520, 5506, 5428, 5523, 5602, 5539, 5712, 5584, 5718, 5454 (11 hits) (10/07/2011 06:25:35 PM)
5	9	1.0	333.0	Yes	5550.2MHz, -62.0dBm	Hop sequence: 5614, 5557, 5376, 5556, 5256, 5250, 5693, 5485, 5358, 5638, 5653, 5561, 5293, 5720, 5339, 5620, 5349, 5263, 5269, 5665, 5505, 5495, 5636, 5302, 5611, 5683, 5503, 5448, 5377, 5438, 5315, 5622, 5387, 5538, 5532, 5345, 5284, 5282, 5514, 5533, 5718, 5352, 5378, 5549, 5678, 5686, 5656, 5644, 5389, 5540, 5370, 5631, 5327, 5689, 5562, 5489, 5492, 5426, 5657, 5445, 5321, 5625, 5466, 5400, 5595, 5609, 5685, 5669,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5353, 5531, 5360, 5442, 5627, 5288, 5413, 5432, 5456, 5703, 5714, 5437, 5409, 5475, 5576, 5551, 5613, 5605, 5688, 5608, 5324, 5261, 5434, 5405, 5581, 5600, 5279, 5618, 5692, 5628, 5633, 5612 (7 hits) (10/07/2011 06:25:44 PM)
6	9	1.0	333.0	Yes	5551.2MHz, -62.0dBm	Hop sequence: 5318, 5445, 5627, 5479, 5288, 5611, 5630, 5720, 5638, 5640, 5488, 5547, 5423, 5374, 5280, 5474, 5679, 5420, 5588, 5255, 5427, 5365, 5695, 5526, 5362, 5521, 5341, 5672, 5687, 5545, 5265, 5285, 5299, 5512, 5510, 5375, 5486, 5429, 5446, 5450, 5671, 5431, 5257, 5325, 5347, 5622, 5704, 5448, 5593, 5364, 5456, 5686, 5714, 5331, 5428, 5332, 5632, 5682, 5497, 5327, 5581, 5469, 5297, 5356, 5442, 5439, 5563, 5619, 5250, 5260, 5513, 5380, 5649, 5626, 5652, 5390, 5660, 5639, 5482, 5337, 5608, 5587, 5651, 5685, 5306, 5560, 5403, 5544, 5561, 5254, 5271, 5724, 5709, 5552, 5270, 5471, 5504, 5460, 5321, 5699 (4 hits) (10/07/2011 06:25:53 PM)
7	9	1.0	333.0	Yes	5552.2MHz, -62.0dBm	Hop sequence: 5675, 5697, 5700, 5275, 5699, 5348, 5299, 5659, 5314, 5621, 5624, 5585, 5367, 5669, 5482, 5648, 5390, 5582, 5329, 5372, 5358, 5315, 5284, 5531, 5500, 5339, 5726, 5540, 5264, 5305, 5579, 5288, 5606, 5308, 5269, 5510, 5382, 5575, 5397, 5622, 5508, 5656, 5457, 5427, 5333, 5543, 5524, 5361, 5649, 5261, 5598, 5376, 5274, 5681, 5298, 5311, 5634, 5447, 5706, 5419, 5588, 5289, 5507, 5522, 5468, 5408, 5403, 5542, 5426, 5477, 5560, 5306, 5471, 5445, 5674, 5711, 5673, 5636, 5573, 5387, 5488, 5398, 5619, 5318, 5701, 5355, 5513, 5596, 5411, 5653, 5326, 5562, 5428, 5652, 5373, 5493, 5629, 5331, 5576, 5568 (6 hits) (10/07/2011 06:26:00 PM)
8	9	1.0	333.0	Yes	5553.2MHz, -62.0dBm	Hop sequence: 5267, 5456, 5672, 5705, 5588, 5350, 5429, 5493, 5537, 5620, 5649, 5389, 5595,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5386, 5334, 5660, 5469, 5578, 5510, 5532, 5408, 5585, 5480, 5390, 5522, 5358, 5678, 5258, 5371, 5535, 5460, 5640, 5345, 5529, 5670, 5413, 5471, 5340, 5324, 5364, 5561, 5375, 5664, 5395, 5404, 5591, 5539, 5463, 5302, 5289, 5715, 5477, 5590, 5307, 5331, 5641, 5438, 5442, 5692, 5453, 5271, 5269, 5675, 5354, 5636, 5266, 5260, 5485, 5626, 5724, 5399, 5498, 5440, 5696, 5609, 5658, 5405, 5575, 5434, 5566, 5357, 5701, 5387, 5681, 5502, 5576, 5690, 5341, 5328, 5543, 5486, 5403, 5569, 5671, 5604, 5718, 5333, 5337, 5687, 5707 (6 hits) (10/07/2011 06:26:11 PM)
9	9	1.0	333.0	Yes	5554.2MHz, -62.0dBm	Hop sequence: 5300, 5471, 5611, 5557, 5365, 5415, 5517, 5676, 5682, 5303, 5337, 5580, 5335, 5666, 5688, 5453, 5447, 5446, 5297, 5476, 5283, 5626, 5354, 5298, 5649, 5620, 5587, 5503, 5287, 5272, 5652, 5338, 5633, 5571, 5366, 5328, 5525, 5373, 5582, 5556, 5430, 5320, 5310, 5295, 5699, 5253, 5681, 5435, 5284, 5545, 5420, 5638, 5443, 5393, 5305, 5268, 5643, 5542, 5399, 5266, 5437, 5294, 5673, 5629, 5725, 5324, 5632, 5603, 5686, 5263, 5499, 5329, 5595, 5488, 5568, 5570, 5269, 5290, 5255, 5707, 5457, 5367, 5502, 5339, 5492, 5454, 5617, 5307, 5665, 5581, 5535, 5512, 5709, 5347, 5630, 5448, 5706, 5602, 5711, 5679 (5 hits) (10/07/2011 06:26:21 PM)
10	9	1.0	333.0	Yes	5555.2MHz, -62.0dBm	Hop sequence: 5628, 5407, 5482, 5375, 5668, 5281, 5710, 5303, 5337, 5456, 5301, 5509, 5560, 5716, 5722, 5450, 5431, 5593, 5483, 5274, 5336, 5577, 5284, 5417, 5717, 5647, 5641, 5673, 5258, 5719, 5705, 5351, 5327, 5369, 5479, 5429, 5691, 5704, 5322, 5563, 5405, 5289, 5588, 5550, 5300, 5315, 5271, 5256, 5410, 5711, 5686, 5650, 5687, 5362, 5648, 5536, 5510, 5321, 5606, 5496, 5439, 5268, 5714, 5534, 5515, 5448, 5522, 5612,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5633, 5487, 5344, 5350, 5345, 5644, 5610, 5443, 5299, 5252, 5651, 5425, 5480, 5505, 5338, 5541, 5424, 5596, 5561, 5572, 5377, 5311, 5437, 5426, 5278, 5511, 5420, 5715, 5502, 5519, 5477, 5544 (6 hits) (10/07/2011 06:26:32 PM)
11	9	1.0	333.0	Yes	5556.2MHz, -62.0dBm	Hop sequence: 5431, 5577, 5566, 5348, 5486, 5265, 5442, 5306, 5594, 5313, 5608, 5654, 5708, 5518, 5526, 5706, 5565, 5457, 5595, 5418, 5326, 5479, 5468, 5462, 5398, 5495, 5704, 5631, 5715, 5440, 5383, 5332, 5552, 5310, 5649, 5466, 5601, 5513, 5304, 5592, 5651, 5588, 5467, 5504, 5510, 5598, 5451, 5321, 5509, 5682, 5290, 5722, 5607, 5448, 5378, 5688, 5363, 5551, 5626, 5482, 5620, 5369, 5413, 5652, 5650, 5471, 5700, 5423, 5662, 5685, 5347, 5556, 5344, 5712, 5301, 5434, 5260, 5427, 5621, 5514, 5692, 5296, 5454, 5641, 5359, 5694, 5673, 5437, 5656, 5430, 5439, 5407, 5657, 5485, 5576, 5695, 5476, 5681, 5611, 5689 (7 hits) (10/07/2011 06:27:03 PM)
12	9	1.0	333.0	Yes	5557.2MHz, -62.0dBm	Hop sequence: 5479, 5467, 5512, 5385, 5452, 5633, 5725, 5496, 5539, 5305, 5493, 5476, 5510, 5638, 5315, 5618, 5724, 5254, 5472, 5595, 5482, 5620, 5451, 5277, 5704, 5603, 5300, 5500, 5486, 5478, 5494, 5259, 5606, 5269, 5637, 5459, 5317, 5518, 5446, 5466, 5526, 5632, 5416, 5325, 5544, 5659, 5612, 5722, 5505, 5423, 5374, 5389, 5592, 5444, 5437, 5420, 5299, 5264, 5419, 5503, 5275, 5536, 5607, 5619, 5450, 5393, 5531, 5336, 5310, 5367, 5702, 5671, 5508, 5525, 5660, 5561, 5627, 5527, 5380, 5540, 5546, 5513, 5555, 5382, 5458, 5417, 5701, 5723, 5312, 5570, 5711, 5395, 5567, 5509, 5319, 5495, 5383, 5568, 5520, 5557 (6 hits) (10/07/2011 06:27:17 PM)
13	9	1.0	333.0	Yes	5558.2MHz, -62.0dBm	Hop sequence: 5517, 5330, 5422, 5420, 5377, 5262, 5434, 5384, 5501, 5685, 5674, 5286, 5444,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5292, 5575, 5272, 5419, 5526, 5332, 5400, 5550, 5424, 5616, 5378, 5633, 5505, 5426, 5291, 5338, 5609, 5515, 5503, 5274, 5660, 5684, 5460, 5259, 5502, 5586, 5431, 5333, 5597, 5709, 5302, 5710, 5569, 5383, 5595, 5711, 5336, 5573, 5642, 5686, 5257, 5347, 5445, 5603, 5277, 5371, 5623, 5354, 5572, 5545, 5665, 5671, 5369, 5353, 5511, 5614, 5375, 5342, 5600, 5301, 5285, 5555, 5639, 5499, 5643, 5626, 5396, 5664, 5703, 5255, 5605, 5382, 5692, 5293, 5635, 5399, 5267, 5317, 5722, 5279, 5442, 5414, 5687, 5436, 5645, 5683, 5344 (6 hits) (10/07/2011 06:27:27 PM)
14	9	1.0	333.0	Yes	5559.2MHz, -62.0dBm	Hop sequence: 5481, 5433, 5364, 5398, 5532, 5670, 5538, 5642, 5707, 5479, 5326, 5505, 5440, 5290, 5389, 5368, 5556, 5635, 5407, 5680, 5282, 5341, 5331, 5384, 5327, 5261, 5411, 5700, 5486, 5474, 5306, 5677, 5578, 5395, 5711, 5604, 5417, 5509, 5278, 5687, 5517, 5313, 5376, 5469, 5292, 5307, 5322, 5525, 5695, 5437, 5513, 5691, 5531, 5603, 5723, 5577, 5551, 5365, 5451, 5549, 5516, 5575, 5273, 5367, 5590, 5371, 5506, 5649, 5399, 5314, 5295, 5250, 5498, 5483, 5626, 5346, 5349, 5286, 5387, 5400, 5663, 5652, 5315, 5599, 5305, 5559, 5336, 5722, 5317, 5564, 5470, 5716, 5484, 5598, 5665, 5471, 5721, 5540, 5475, 5312 (8 hits) (10/07/2011 06:27:38 PM)
15	9	1.0	333.0	Yes	5560.2MHz, -62.0dBm	Hop sequence: 5312, 5543, 5373, 5550, 5518, 5722, 5320, 5313, 5309, 5477, 5473, 5611, 5280, 5685, 5494, 5307, 5691, 5714, 5278, 5708, 5479, 5364, 5668, 5513, 5284, 5371, 5410, 5434, 5296, 5586, 5660, 5347, 5596, 5377, 5308, 5517, 5414, 5252, 5575, 5516, 5681, 5489, 5703, 5360, 5458, 5584, 5658, 5547, 5504, 5299, 5461, 5326, 5548, 5491, 5381, 5564, 5699, 5664, 5330, 5368, 5331, 5588, 5689, 5267, 5592, 5450, 5263, 5505,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5478, 5620, 5382, 5291, 5407, 5519, 5627, 5455, 5338, 5720, 5637, 5394, 5359, 5717, 5314, 5529, 5298, 5406, 5581, 5686, 5374, 5302, 5536, 5527, 5357, 5495, 5621, 5590, 5375, 5412, 5545, 5551 (4 hits) (10/07/2011 06:27:45 PM)
16	9	1.0	333.0	Yes	5561.2MHz, -62.0dBm	Hop sequence: 5657, 5301, 5327, 5292, 5717, 5593, 5674, 5338, 5366, 5480, 5323, 5658, 5343, 5618, 5694, 5367, 5558, 5357, 5391, 5470, 5255, 5581, 5304, 5436, 5549, 5478, 5428, 5633, 5392, 5607, 5374, 5347, 5295, 5686, 5282, 5417, 5629, 5575, 5453, 5659, 5623, 5283, 5599, 5464, 5588, 5424, 5617, 5495, 5268, 5465, 5314, 5279, 5606, 5335, 5419, 5660, 5589, 5568, 5700, 5306, 5625, 5544, 5664, 5297, 5429, 5713, 5695, 5438, 5313, 5399, 5645, 5550, 5355, 5302, 5679, 5693, 5615, 5565, 5583, 5397, 5529, 5376, 5475, 5706, 5714, 5425, 5258, 5582, 5262, 5718, 5270, 5350, 5331, 5628, 5358, 5267, 5556, 5704, 5598, 5631 (7 hits) (10/07/2011 06:27:54 PM)
17	9	1.0	333.0	Yes	5562.2MHz, -62.0dBm	Hop sequence: 5628, 5503, 5648, 5600, 5588, 5632, 5436, 5331, 5289, 5272, 5261, 5572, 5326, 5469, 5300, 5364, 5358, 5464, 5370, 5613, 5541, 5252, 5497, 5352, 5455, 5343, 5665, 5427, 5603, 5708, 5701, 5569, 5438, 5374, 5336, 5711, 5501, 5313, 5617, 5724, 5466, 5429, 5477, 5624, 5298, 5602, 5606, 5633, 5306, 5504, 5440, 5640, 5630, 5394, 5548, 5356, 5292, 5359, 5368, 5375, 5430, 5520, 5534, 5518, 5414, 5635, 5402, 5721, 5559, 5566, 5516, 5472, 5677, 5685, 5663, 5523, 5471, 5478, 5411, 5700, 5277, 5533, 5652, 5594, 5591, 5525, 5621, 5664, 5340, 5271, 5669, 5452, 5710, 5456, 5514, 5389, 5425, 5426, 5286, 5377 (4 hits) (10/07/2011 06:28:08 PM)
18	9	1.0	333.0	Yes	5563.2MHz, -62.0dBm	Hop sequence: 5327, 5295, 5569, 5474, 5326, 5721, 5694, 5431, 5695, 5359, 5298, 5411, 5320,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5550, 5264, 5684, 5587, 5438, 5329, 5584, 5517, 5723, 5525, 5396, 5426, 5506, 5615, 5482, 5333, 5613, 5400, 5535, 5661, 5623, 5598, 5305, 5442, 5680, 5257, 5616, 5374, 5626, 5391, 5692, 5520, 5402, 5710, 5666, 5688, 5508, 5608, 5667, 5553, 5410, 5267, 5622, 5565, 5354, 5273, 5487, 5563, 5361, 5307, 5656, 5468, 5365, 5313, 5693, 5413, 5253, 5594, 5409, 5454, 5529, 5321, 5696, 5394, 5530, 5368, 5416, 5583, 5465, 5415, 5385, 5718, 5655, 5676, 5686, 5362, 5325, 5507, 5704, 5560, 5495, 5658, 5648, 5526, 5344, 5275, 5625 (6 hits) (10/07/2011 06:28:18 PM)
19	9	1.0	333.0	Yes	5564.2MHz, -62.0dBm	Hop sequence: 5411, 5656, 5594, 5433, 5415, 5281, 5385, 5667, 5665, 5482, 5601, 5691, 5663, 5661, 5452, 5289, 5305, 5309, 5436, 5644, 5434, 5382, 5375, 5573, 5447, 5530, 5685, 5491, 5407, 5488, 5449, 5441, 5439, 5258, 5435, 5531, 5397, 5339, 5655, 5525, 5528, 5704, 5700, 5543, 5307, 5311, 5624, 5600, 5462, 5428, 5583, 5654, 5611, 5336, 5310, 5645, 5576, 5374, 5720, 5502, 5507, 5505, 5561, 5386, 5381, 5403, 5342, 5618, 5487, 5557, 5266, 5603, 5464, 5454, 5539, 5294, 5676, 5716, 5269, 5335, 5538, 5376, 5472, 5689, 5406, 5272, 5483, 5364, 5461, 5260, 5389, 5610, 5470, 5279, 5367, 5325, 5448, 5726, 5450, 5372 (4 hits) (10/07/2011 06:28:26 PM)
20	9	1.0	333.0	Yes	5565.2MHz, -62.0dBm	Hop sequence: 5617, 5275, 5612, 5538, 5494, 5259, 5524, 5406, 5668, 5369, 5353, 5452, 5533, 5614, 5379, 5387, 5414, 5566, 5722, 5573, 5440, 5298, 5693, 5702, 5567, 5534, 5484, 5391, 5548, 5373, 5559, 5356, 5251, 5330, 5378, 5650, 5599, 5313, 5469, 5282, 5400, 5331, 5539, 5260, 5347, 5302, 5502, 5720, 5555, 5694, 5326, 5569, 5367, 5296, 5723, 5362, 5392, 5632, 5718, 5408, 5460, 5673, 5684, 5428, 5656, 5335, 5490, 5349,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5499, 5276, 5511, 5409, 5613, 5363, 5253, 5626, 5683, 5705, 5293, 5269, 5714, 5444, 5320, 5565, 5423, 5692, 5551, 5646, 5263, 5434, 5715, 5691, 5472, 5450, 5277, 5466, 5292, 5290, 5726, 5601 (8 hits) (10/07/2011 06:28:34 PM)
21	9	1.0	333.0	Yes	5566.2MHz, -62.0dBm	Hop sequence: 5531, 5664, 5523, 5574, 5629, 5549, 5426, 5592, 5349, 5663, 5448, 5285, 5469, 5550, 5580, 5363, 5356, 5527, 5322, 5638, 5626, 5517, 5267, 5327, 5420, 5567, 5458, 5715, 5588, 5354, 5608, 5579, 5586, 5609, 5503, 5436, 5309, 5505, 5612, 5393, 5419, 5335, 5476, 5453, 5381, 5467, 5375, 5277, 5603, 5559, 5538, 5366, 5719, 5307, 5263, 5310, 5678, 5452, 5723, 5634, 5702, 5681, 5281, 5390, 5554, 5633, 5480, 5510, 5294, 5493, 5292, 5395, 5589, 5530, 5401, 5598, 5564, 5652, 5273, 5625, 5444, 5332, 5619, 5394, 5602, 5321, 5627, 5373, 5345, 5595, 5491, 5423, 5620, 5379, 5658, 5298, 5692, 5604, 5687, 5269 (7 hits) (10/07/2011 06:28:41 PM)
22	9	1.0	333.0	Yes	5567.2MHz, -62.0dBm	Hop sequence: 5372, 5282, 5648, 5560, 5277, 5403, 5502, 5562, 5609, 5370, 5680, 5296, 5631, 5513, 5688, 5590, 5543, 5311, 5635, 5449, 5270, 5328, 5654, 5603, 5670, 5333, 5325, 5676, 5312, 5623, 5537, 5302, 5322, 5591, 5320, 5495, 5317, 5444, 5457, 5524, 5552, 5413, 5418, 5565, 5576, 5271, 5455, 5321, 5712, 5584, 5355, 5276, 5261, 5392, 5480, 5377, 5382, 5707, 5349, 5256, 5666, 5570, 5683, 5350, 5720, 5284, 5258, 5506, 5344, 5315, 5572, 5651, 5269, 5356, 5640, 5451, 5330, 5586, 5695, 5361, 5553, 5566, 5429, 5532, 5369, 5430, 5717, 5289, 5273, 5404, 5471, 5385, 5436, 5336, 5293, 5649, 5617, 5650, 5618, 5483 (9 hits) (10/07/2011 06:28:49 PM)
23	9	1.0	333.0	Yes	5568.2MHz, -62.0dBm	Hop sequence: 5590, 5369, 5539, 5623, 5253, 5469, 5325, 5375, 5309, 5536, 5275, 5403, 5619,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5717, 5571, 5398, 5586, 5292, 5572, 5489, 5500, 5485, 5495, 5304, 5371, 5711, 5679, 5461, 5611, 5361, 5685, 5387, 5594, 5703, 5510, 5506, 5423, 5410, 5321, 5285, 5374, 5527, 5613, 5551, 5681, 5470, 5368, 5502, 5725, 5330, 5520, 5665, 5346, 5416, 5437, 5592, 5266, 5455, 5669, 5490, 5591, 5385, 5701, 5568, 5640, 5326, 5313, 5425, 5464, 5517, 5708, 5483, 5272, 5276, 5493, 5310, 5391, 5625, 5686, 5322, 5651, 5439, 5482, 5641, 5496, 5670, 5487, 5486, 5657, 5367, 5447, 5305, 5397, 5484, 5384, 5540, 5405, 5687, 5473, 5674 (4 hits) (10/07/2011 06:28:57 PM)
24	9	1.0	333.0	Yes	5569.2MHz, -62.0dBm	Hop sequence: 5669, 5636, 5268, 5480, 5695, 5604, 5441, 5262, 5298, 5438, 5703, 5696, 5685, 5254, 5671, 5395, 5672, 5338, 5613, 5521, 5544, 5397, 5288, 5704, 5302, 5400, 5319, 5525, 5512, 5329, 5626, 5417, 5555, 5363, 5718, 5394, 5291, 5451, 5346, 5665, 5509, 5434, 5667, 5385, 5581, 5479, 5506, 5484, 5297, 5635, 5610, 5282, 5527, 5347, 5415, 5271, 5388, 5556, 5408, 5389, 5477, 5361, 5502, 5705, 5314, 5688, 5462, 5301, 5499, 5702, 5517, 5522, 5439, 5588, 5460, 5617, 5519, 5272, 5416, 5292, 5309, 5251, 5468, 5505, 5663, 5709, 5594, 5371, 5513, 5531, 5501, 5592, 5508, 5373, 5381, 5457, 5409, 5710, 5453, 5445 (2 hits) (10/07/2011 06:29:06 PM)
25	9	1.0	333.0	Yes	5570.2MHz, -62.0dBm	Hop sequence: 5412, 5370, 5340, 5290, 5381, 5402, 5569, 5660, 5286, 5494, 5579, 5460, 5502, 5284, 5372, 5500, 5634, 5533, 5482, 5497, 5467, 5319, 5573, 5621, 5555, 5320, 5676, 5719, 5549, 5520, 5298, 5646, 5406, 5698, 5697, 5268, 5669, 5462, 5629, 5429, 5353, 5414, 5277, 5366, 5450, 5655, 5619, 5554, 5473, 5323, 5259, 5495, 5633, 5373, 5463, 5416, 5252, 5387, 5493, 5602, 5713, 5657, 5537, 5721, 5365, 5425, 5489, 5456,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5558, 5666, 5356, 5332, 5709, 5552, 5618, 5483, 5627, 5375, 5468, 5588, 5652, 5593, 5725, 5665, 5377, 5507, 5390, 5326, 5261, 5617, 5692, 5346, 5649, 5487, 5304, 5556, 5715, 5379, 5408, 5347 (8 hits) (10/07/2011 06:29:16 PM)
26	9	1.0	333.0	Yes	5571.2MHz, -62.0dBm	Hop sequence: 5345, 5584, 5371, 5256, 5650, 5453, 5284, 5476, 5548, 5380, 5291, 5713, 5636, 5322, 5344, 5724, 5454, 5404, 5372, 5451, 5368, 5520, 5420, 5293, 5695, 5684, 5274, 5390, 5532, 5384, 5355, 5267, 5388, 5467, 5305, 5485, 5479, 5459, 5600, 5697, 5581, 5359, 5666, 5334, 5487, 5288, 5589, 5402, 5610, 5313, 5471, 5530, 5438, 5300, 5491, 5285, 5424, 5519, 5593, 5662, 5633, 5594, 5507, 5299, 5259, 5448, 5462, 5338, 5512, 5689, 5667, 5365, 5383, 5292, 5707, 5360, 5590, 5664, 5620, 5382, 5279, 5252, 5312, 5319, 5468, 5583, 5596, 5669, 5527, 5655, 5488, 5282, 5271, 5525, 5278, 5685, 5337, 5310, 5302, 5570 (1 hits) (10/07/2011 06:29:24 PM)
27	9	1.0	333.0	Yes	5572.2MHz, -62.0dBm	Hop sequence: 5698, 5684, 5578, 5658, 5635, 5347, 5510, 5403, 5454, 5597, 5608, 5320, 5373, 5576, 5624, 5360, 5547, 5391, 5441, 5447, 5262, 5294, 5609, 5700, 5377, 5257, 5612, 5497, 5432, 5551, 5717, 5315, 5440, 5503, 5434, 5378, 5591, 5313, 5431, 5512, 5671, 5495, 5534, 5719, 5309, 5692, 5543, 5579, 5540, 5375, 5254, 5398, 5584, 5607, 5560, 5642, 5640, 5374, 5384, 5466, 5335, 5458, 5470, 5475, 5280, 5546, 5500, 5450, 5518, 5277, 5443, 5666, 5269, 5481, 5389, 5588, 5292, 5487, 5283, 5258, 5436, 5479, 5627, 5307, 5433, 5485, 5646, 5413, 5473, 5480, 5645, 5701, 5366, 5706, 5407, 5506, 5673, 5521, 5566, 5416 (5 hits) (10/07/2011 06:29:32 PM)
28	9	1.0	333.0	Yes	5573.2MHz, -62.0dBm	Hop sequence: 5440, 5311, 5694, 5470, 5571, 5662, 5517, 5261, 5466, 5633, 5587, 5474, 5410,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5672, 5482, 5302, 5656, 5270, 5415, 5527, 5378, 5380, 5668, 5301, 5530, 5643, 5681, 5603, 5608, 5334, 5528, 5257, 5394, 5328, 5321, 5473, 5287, 5426, 5451, 5600, 5578, 5714, 5307, 5332, 5364, 5357, 5339, 5381, 5697, 5338, 5508, 5283, 5313, 5345, 5361, 5395, 5413, 5538, 5512, 5554, 5341, 5376, 5325, 5393, 5640, 5657, 5607, 5309, 5584, 5691, 5331, 5715, 5497, 5501, 5498, 5437, 5421, 5489, 5506, 5348, 5500, 5424, 5403, 5388, 5593, 5620, 5511, 5326, 5502, 5355, 5700, 5276, 5673, 5590, 5472, 5433, 5557, 5541, 5507, 5568 (5 hits) (10/07/2011 06:29:45 PM)
29	9	1.0	333.0	Yes	5574.2MHz, -62.0dBm	Hop sequence: 5496, 5672, 5361, 5490, 5491, 5488, 5452, 5311, 5516, 5700, 5338, 5407, 5323, 5510, 5551, 5621, 5411, 5391, 5258, 5721, 5256, 5701, 5358, 5614, 5638, 5654, 5620, 5376, 5578, 5492, 5421, 5706, 5479, 5342, 5575, 5679, 5586, 5328, 5646, 5500, 5428, 5303, 5465, 5498, 5495, 5375, 5513, 5694, 5319, 5545, 5685, 5455, 5571, 5681, 5709, 5523, 5671, 5394, 5329, 5348, 5431, 5684, 5596, 5686, 5304, 5388, 5392, 5405, 5277, 5389, 5360, 5657, 5717, 5616, 5459, 5673, 5350, 5272, 5325, 5383, 5544, 5696, 5598, 5363, 5434, 5716, 5461, 5559, 5582, 5553, 5322, 5267, 5453, 5550, 5466, 5573, 5525, 5291, 5340, 5556 (9 hits) (10/07/2011 06:29:54 PM)
30	9	1.0	333.0	Yes	5575.2MHz, -62.0dBm	Hop sequence: 5455, 5537, 5277, 5649, 5511, 5496, 5672, 5601, 5339, 5626, 5350, 5543, 5530, 5261, 5358, 5676, 5593, 5700, 5551, 5502, 5351, 5361, 5627, 5503, 5715, 5363, 5283, 5536, 5694, 5297, 5347, 5340, 5540, 5278, 5720, 5650, 5402, 5326, 5307, 5391, 5558, 5578, 5255, 5698, 5658, 5342, 5607, 5592, 5423, 5275, 5452, 5482, 5457, 5356, 5405, 5375, 5486, 5291, 5703, 5263, 5371, 5512, 5721, 5475, 5573, 5583, 5726, 5369,

Table 44 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FH						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5290, 5542, 5546, 5407, 5464, 5312, 5398, 5525, 5590, 5442, 5436, 5553, 5568, 5628, 5298, 5454, 5437, 5670, 5439, 5663, 5477, 5416, 5397, 5257, 5258, 5446, 5302, 5655, 5532, 5272, 5435, 5621 (6 hits) (10/07/2011 06:30:04 PM)
31	9	1.0	333.0	Yes	5576.2MHz, -62.0dBm	Hop sequence: 5701, 5605, 5506, 5478, 5449, 5546, 5676, 5374, 5702, 5538, 5535, 5427, 5296, 5281, 5265, 5724, 5291, 5524, 5540, 5705, 5648, 5507, 5297, 5357, 5476, 5693, 5351, 5454, 5604, 5669, 5686, 5446, 5520, 5335, 5576, 5399, 5272, 5332, 5641, 5355, 5279, 5533, 5324, 5678, 5580, 5314, 5410, 5453, 5459, 5376, 5564, 5338, 5445, 5438, 5275, 5421, 5305, 5653, 5377, 5432, 5603, 5521, 5553, 5402, 5367, 5599, 5494, 5343, 5401, 5286, 5714, 5539, 5406, 5283, 5337, 5259, 5631, 5396, 5510, 5523, 5393, 5516, 5567, 5625, 5347, 5331, 5709, 5440, 5668, 5588, 5366, 5455, 5362, 5379, 5609, 5607, 5666, 5385, 5577, 5596 (5 hits) (10/07/2011 06:30:15 PM)

Table 45 - Summary of All Results - WU (CU Synchronization Mode) FL				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	99.2 %	80.0 %	120	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	31	PASSED

Table 46 - FCC Short Pulse Radar (Type 1) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:36:45 PM)
2	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:37:15 PM)
3	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:37:23 PM)
4	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:37:31 PM)
5	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:37:39 PM)
6	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:37:47 PM)
7	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:38:40 PM)
8	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:38:49 PM)
9	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:38:56 PM)
10	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:39:04 PM)
11	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:39:11 PM)
12	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:39:19 PM)
13	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:39:26 PM)
14	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:39:35 PM)
15	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:39:48 PM)
16	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:39:56 PM)
17	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:40:04 PM)
18	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:41:09 PM)
19	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:41:20 PM)
20	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:41:28 PM)

Table 46 - FCC Short Pulse Radar (Type 1) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:41:41 PM)
22	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:41:51 PM)
23	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:41:59 PM)
24	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:42:10 PM)
25	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:42:31 PM)
26	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:42:40 PM)
27	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:42:47 PM)
28	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:42:56 PM)
29	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:43:03 PM)
30	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:43:12 PM)

Table 47 - FCC Short Pulse Radar (Type 2) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	27	1.9	173.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:43:39 PM)
2	24	3.1	152.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:43:47 PM)
3	25	2.2	154.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:43:55 PM)
4	26	2.1	163.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:44:02 PM)
5	27	3.1	179.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:44:10 PM)
6	26	3.0	186.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:44:19 PM)
7	24	3.3	209.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:44:37 PM)
8	23	2.8	186.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:44:51 PM)
9	27	4.9	213.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:45:09 PM)
10	25	3.9	196.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:45:19 PM)
11	27	4.4	201.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:45:28 PM)
12	24	2.1	174.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:45:36 PM)
13	26	2.4	202.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:45:45 PM)
14	24	1.6	176.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:45:53 PM)

Table 47 - FCC Short Pulse Radar (Type 2) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
15	24	1.8	225.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:00 PM)
16	29	4.1	162.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:07 PM)
17	26	3.9	168.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:14 PM)
18	26	1.2	189.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:21 PM)
19	26	2.1	203.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:28 PM)
20	28	5.0	189.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:35 PM)
21	27	4.0	220.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:42 PM)
22	26	2.4	151.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:49 PM)
23	23	4.2	152.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:46:56 PM)
24	27	2.8	219.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:47:03 PM)
25	25	1.3	223.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:47:10 PM)
26	27	1.4	206.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:47:18 PM)
27	25	3.4	197.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:47:25 PM)
28	24	4.4	159.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:47:32 PM)
29	27	3.4	179.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:47:39 PM)
30	28	4.7	197.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:47:46 PM)

Table 48 - FCC Short Pulse Radar (Type 3) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	8.6	473.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:48:12 PM)
2	17	9.6	430.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:48:19 PM)
3	16	6.8	449.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:48:27 PM)
4	17	8.3	204.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:48:35 PM)
5	17	8.6	328.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:48:42 PM)
6	16	6.9	433.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:48:49 PM)
7	17	7.1	326.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:48:56 PM)
8	17	6.5	319.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:03 PM)
9	18	8.0	394.0	Yes	5278.0MHz,	Single burst (10/07/2011 06:49:10

Table 48 - FCC Short Pulse Radar (Type 3) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-62.0dBm	PM)
10	17	7.4	345.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:18 PM)
11	16	9.1	217.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:25 PM)
12	17	7.9	324.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:32 PM)
13	16	7.2	271.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:39 PM)
14	16	8.5	402.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:45 PM)
15	16	9.0	285.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:51 PM)
16	16	7.8	400.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:49:58 PM)
17	16	9.5	456.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:04 PM)
18	16	8.8	256.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:11 PM)
19	17	9.3	477.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:17 PM)
20	17	6.8	257.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:24 PM)
21	16	8.5	427.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:31 PM)
22	17	8.6	335.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:37 PM)
23	16	9.6	239.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:49 PM)
24	17	7.2	417.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:50:58 PM)
25	17	9.6	429.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:51:05 PM)
26	17	9.4	278.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:51:14 PM)
27	16	6.5	470.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:51:21 PM)
28	17	8.4	441.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:51:28 PM)
29	17	7.6	237.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:51:35 PM)
30	16	9.1	294.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:51:42 PM)

Table 49 - FCC Short Pulse Radar (Type 4) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	15.0	303.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:52:10 PM)
2	15	16.7	337.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:52:18 PM)
3	14	11.2	239.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:52:25 PM)

Table 49 - FCC Short Pulse Radar (Type 4) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	16	13.8	284.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:52:33 PM)
5	13	19.8	457.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:52:40 PM)
6	13	12.1	288.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:52:47 PM)
7	13	18.6	440.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:52:58 PM)
8	15	15.0	307.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:05 PM)
9	12	15.6	371.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:12 PM)
10	15	19.6	497.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:19 PM)
11	16	11.6	382.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:27 PM)
12	15	11.1	368.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:35 PM)
13	13	16.7	237.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:43 PM)
14	15	15.4	209.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:51 PM)
15	13	16.1	342.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:53:58 PM)
16	13	18.3	343.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:54:05 PM)
17	13	14.8	200.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:54:13 PM)
18	12	13.3	281.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:54:21 PM)
19	14	18.6	361.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:54:29 PM)
20	15	16.7	246.0	No	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:54:36 PM)
21	16	12.8	478.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:54:52 PM)
22	13	14.3	340.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:00 PM)
23	14	18.9	229.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:07 PM)
24	15	17.1	239.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:14 PM)
25	15	19.2	350.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:21 PM)
26	15	11.8	357.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:29 PM)
27	13	17.1	251.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:36 PM)
28	13	11.0	228.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:43 PM)
29	16	14.9	351.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:50 PM)
30	15	19.5	284.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/07/2011 06:55:58 PM)

Table 50 - Long Sequence Waveform Summary WU (CU Synchronization Mode) FL		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5268.0MHz, -62.0dBm
Trial #2	Detected	5263.0MHz, -62.0dBm
Trial #3	Detected	5258.0MHz, -62.0dBm
Trial #4	Detected	5278.0MHz, -62.0dBm
Trial #5	Detected	5273.0MHz, -62.0dBm
Trial #6	Detected	5268.0MHz, -62.0dBm
Trial #7	Detected	5263.0MHz, -62.0dBm
Trial #8	Detected	5258.0MHz, -62.0dBm
Trial #9	Detected	5278.0MHz, -62.0dBm
Trial #10	Detected	5273.0MHz, -62.0dBm
Trial #11	Detected	5268.0MHz, -62.0dBm
Trial #12	Detected	5263.0MHz, -62.0dBm
Trial #13	Detected	5258.0MHz, -62.0dBm
Trial #14	Detected	5278.0MHz, -62.0dBm
Trial #15	Detected	5273.0MHz, -62.0dBm
Trial #16	Detected	5268.0MHz, -62.0dBm
Trial #17	Detected	5263.0MHz, -62.0dBm
Trial #18	Detected	5258.0MHz, -62.0dBm
Trial #19	Detected	5278.0MHz, -62.0dBm
Trial #20	Detected	5273.0MHz, -62.0dBm
Trial #21	Detected	5268.0MHz, -62.0dBm
Trial #22	Detected	5263.0MHz, -62.0dBm
Trial #23	Detected	5258.0MHz, -62.0dBm
Trial #24	Detected	5278.0MHz, -62.0dBm
Trial #25	Detected	5273.0MHz, -62.0dBm
Trial #26	Detected	5268.0MHz, -62.0dBm
Trial #27	Detected	5263.0MHz, -62.0dBm

Table 50 - Long Sequence Waveform Summary WU (CU Synchronization Mode) FL		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #28	Detected	5258.0MHz, -62.0dBm
Trial #29	Detected	5278.0MHz, -62.0dBm
Trial #30	Detected	5273.0MHz, -62.0dBm

Table 51 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	56.3	18	-	-	0.065056
2	1	57.0	11	-	-	1.975656
3	3	65.8	15	1243.0	1152.0	3.494856
4	2	93.8	16	1409.0	-	4.309180
5	3	67.8	17	1059.0	1487.0	6.337895
6	1	98.3	7	-	-	7.593535
7	3	80.8	17	1105.0	1054.0	8.231635
8	2	54.1	19	1555.0	-	9.428938
9	2	93.3	9	1738.0	-	11.428046

Table 52 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	66.0	8	1873.0	1981.0	0.604301
2	1	91.7	8	-	-	1.280429
3	3	51.6	15	1447.0	1777.0	1.895042
4	3	52.0	6	1444.0	1889.0	2.669089
5	1	56.7	16	-	-	3.710627
6	2	95.9	9	1645.0	-	4.394242
7	2	56.6	14	1062.0	-	4.873792
8	3	58.2	16	1054.0	1880.0	5.798935
9	1	93.4	10	-	-	6.690771
10	2	51.8	9	1291.0	-	7.667411
11	3	52.9	17	1167.0	1019.0	8.218889
12	2	56.8	7	1913.0	-	8.908141
13	2	74.3	11	1964.0	-	9.998077
14	1	54.9	7	-	-	10.437214
15	2	54.0	13	1151.0	-	11.763288

Table 53 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	97.3	15	1038.0	1721.0	0.273222
2	3	62.9	12	1343.0	1525.0	1.011144
3	2	64.2	11	1128.0	-	1.280217
4	2	93.8	19	1961.0	-	2.427184
5	1	63.4	12	-	-	2.878659
6	2	73.0	9	1735.0	-	3.365978
7	2	70.9	11	1902.0	-	4.362680
8	2	95.5	17	1646.0	-	4.952235

Table 53 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
9	2	99.0	12	1883.0	-	5.075463
10	2	70.7	15	1316.0	-	6.073406
11	1	69.8	12	-	-	6.557572
12	1	65.9	20	-	-	7.376308
13	2	91.5	17	1659.0	-	7.915746
14	2	65.1	6	1568.0	-	8.813936
15	2	80.1	11	1700.0	-	9.093048
16	3	86.7	15	1961.0	1927.0	9.645091
17	1	64.2	15	-	-	10.674487
18	2	54.2	10	1555.0	-	11.205875
19	2	74.9	11	1194.0	-	11.945041

Table 54 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	60.1	5	1577.0	-	0.607706
2	1	82.6	13	-	-	1.014198
3	3	87.8	6	1810.0	1799.0	1.667396
4	2	82.3	6	1067.0	-	2.594591
5	2	75.8	12	1258.0	-	3.596040
6	2	62.0	11	1488.0	-	3.992503
7	1	99.3	16	-	-	5.053613
8	1	75.4	11	-	-	5.921669
9	2	79.1	6	1487.0	-	6.275356
10	2	95.5	8	1539.0	-	7.368378
11	2	61.4	13	1442.0	-	8.091647
12	2	84.9	13	1865.0	-	8.305056
13	3	75.0	17	1449.0	1217.0	9.717361
14	2	71.8	15	1306.0	-	10.495509
15	1	56.7	13	-	-	11.165865
16	1	82.8	8	-	-	11.547501

Table 55 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	70.9	8	1146.0	1381.0	0.213400
2	2	96.1	12	1546.0	-	1.293000
3	2	58.3	20	1315.0	-	2.147578
4	1	53.5	7	-	-	3.053218
5	2	89.6	14	1222.0	-	4.129372
6	3	74.9	11	1648.0	1785.0	4.473942
7	3	91.4	12	1814.0	1227.0	5.205890
8	2	99.2	18	1451.0	-	6.637874
9	3	53.7	9	1855.0	1774.0	6.886896
10	2	70.7	20	1530.0	-	8.441743
11	2	66.8	15	1269.0	-	9.027585
12	2	84.5	6	1775.0	-	10.173756
13	2	53.1	10	1579.0	-	10.849031
14	2	66.8	11	1916.0	-	11.517119

Table 56 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	74.3	12	1240.0	-	0.098650
2	1	85.0	17	-	-	1.079604
3	2	97.6	11	1146.0	-	1.726303
4	2	51.7	6	1930.0	-	2.338847
5	2	97.3	10	1356.0	-	2.793915
6	2	52.8	16	1824.0	-	3.490611
7	2	94.3	12	1858.0	-	3.852068
8	2	52.1	19	1394.0	-	4.755880
9	2	68.0	19	1466.0	-	4.932667
10	2	52.8	7	1474.0	-	5.814302
11	2	59.9	20	1211.0	-	6.315370
12	3	90.9	13	1147.0	1696.0	6.916808
13	1	59.9	7	-	-	7.315158
14	2	94.8	15	1102.0	-	8.366041
15	2	65.8	7	1444.0	-	8.869928
16	2	55.0	18	1590.0	-	9.421189
17	2	55.0	15	1924.0	-	9.843438
18	1	87.5	18	-	-	10.662853
19	2	53.1	18	1715.0	-	10.882258
20	2	58.5	10	1756.0	-	11.933085

Table 57 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	60.3	13	1168.0	-	0.308508
2	3	85.6	19	1051.0	1667.0	0.948507
3	3	81.3	19	1953.0	1052.0	1.343955
4	2	59.4	8	1420.0	-	2.285561
5	2	95.8	13	1646.0	-	2.974491
6	2	68.0	17	1575.0	-	3.202942
7	1	87.6	17	-	-	4.409693
8	2	73.8	7	1403.0	-	4.728809
9	2	77.1	17	1985.0	-	5.522663
10	1	58.7	14	-	-	6.266920
11	1	51.2	13	-	-	6.817080
12	2	86.7	12	1846.0	-	7.509837
13	3	55.8	15	1512.0	1577.0	7.920198
14	2	99.9	18	1493.0	-	8.447840
15	2	59.9	11	1903.0	-	9.142408
16	1	81.9	15	-	-	9.558079
17	2	86.8	6	1455.0	-	10.265833
18	1	92.3	11	-	-	10.972743
19	3	79.0	8	1652.0	1914.0	11.974301

Table 58 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	50.3	8	1416.0	1031.0	0.433245
2	2	54.3	11	1933.0	-	1.463627
3	2	54.5	14	1609.0	-	3.000265

Table 58 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
4	3	75.6	9	1062.0	1144.0	4.702902
5	3	74.5	17	1702.0	1131.0	5.073746
6	2	71.9	12	1521.0	-	6.739152
7	2	56.1	15	1349.0	-	8.307635
8	2	52.9	12	1304.0	-	8.910402
9	3	72.6	12	1623.0	1367.0	9.727837
10	2	76.7	8	1254.0	-	11.021418

Table 59 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#9 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	64.2	8	1233.0	-	0.475368
2	1	93.1	13	-	-	2.019456
3	2	60.2	11	1833.0	-	3.088368
4	2	72.9	17	1490.0	-	3.891815
5	1	57.4	19	-	-	5.526655
6	2	94.9	20	1112.0	-	7.114634
7	1	74.2	13	-	-	7.494328
8	1	51.3	5	-	-	8.711816
9	1	57.8	12	-	-	10.216824
10	2	87.7	19	1402.0	-	10.880538

Table 60 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	71.6	17	1570.0	1769.0	0.191799
2	2	60.0	18	1869.0	-	2.379660
3	2	92.5	16	1692.0	-	3.689927
4	1	82.1	8	-	-	5.259667
5	2	60.4	13	1618.0	-	6.399178
6	2	58.6	9	1698.0	-	7.272433
7	1	73.5	14	-	-	8.059536
8	1	63.1	13	-	-	10.589537
9	1	79.0	13	-	-	11.150941

Table 61 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	54.6	10	1806.0	-	0.367675
2	3	81.4	9	1814.0	1375.0	1.936543
3	3	72.8	8	1131.0	1013.0	2.960480
4	3	50.2	16	1285.0	1995.0	4.210684
5	3	79.3	9	1477.0	1391.0	4.467115
6	2	94.4	19	1390.0	-	6.207898
7	2	60.3	7	1456.0	-	7.217929
8	1	65.6	6	-	-	8.237547
9	2	66.2	19	1338.0	-	8.981396
10	2	61.1	12	1486.0	-	10.434845
11	2	80.5	9	1740.0	-	10.994334

Table 62 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#12 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	86.6	10	1103.0	1305.0	0.324713
2	1	91.7	7	-	-	1.291083
3	1	75.1	12	-	-	1.885611
4	2	53.4	13	1501.0	-	2.428911
5	1	61.6	20	-	-	3.032564
6	3	90.7	9	1051.0	1037.0	3.873193
7	2	75.8	5	1184.0	-	5.037944
8	2	71.5	9	1921.0	-	5.746771
9	1	77.9	12	-	-	6.407408
10	3	62.5	11	1208.0	1256.0	7.202984
11	2	78.1	9	1060.0	-	7.895424
12	2	60.4	14	1088.0	-	8.696615
13	1	81.0	5	-	-	9.084817
14	2	84.4	9	1740.0	-	10.187134
15	3	89.8	7	1743.0	1096.0	10.541670
16	2	52.8	13	1906.0	-	11.753222

Table 63 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	74.5	8	1255.0	1516.0	0.690176
2	2	93.3	8	1758.0	-	1.192591
3	1	56.8	18	-	-	2.173127
4	3	66.1	13	1343.0	1913.0	3.391689
5	2	86.5	19	1524.0	-	4.146174
6	3	77.6	18	1632.0	1713.0	4.600912
7	1	63.6	9	-	-	5.855745
8	2	57.3	17	1990.0	-	6.338230
9	1	96.3	10	-	-	6.879419
10	2	95.8	9	1154.0	-	8.195565
11	1	79.8	12	-	-	9.250706
12	2	78.1	16	1189.0	-	9.482945
13	1	98.9	18	-	-	10.337510
14	1	62.7	13	-	-	11.145850

Table 64 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	64.5	12	1881.0	-	0.384420
2	3	97.6	16	1856.0	1781.0	0.628315
3	1	51.3	13	-	-	1.373392
4	3	76.5	6	1642.0	1759.0	1.966035
5	3	70.9	18	1794.0	1107.0	2.658358
6	2	52.2	18	1783.0	-	3.188511
7	1	69.3	18	-	-	3.798377
8	3	88.0	19	1555.0	1976.0	4.625645
9	3	88.4	12	1234.0	1322.0	5.265114
10	2	83.5	12	1211.0	-	5.703851
11	3	63.0	9	1087.0	1299.0	6.415543

Table 64 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
12	3	84.6	10	1533.0	1765.0	6.981534
13	2	89.3	13	1221.0	-	7.311140
14	2	67.3	7	1977.0	-	7.931929
15	2	53.6	15	1378.0	-	8.410189
16	2	55.2	7	1269.0	-	9.113009
17	1	86.9	12	-	-	9.926752
18	1	69.5	11	-	-	10.502603
19	3	85.7	7	1079.0	1364.0	11.258503
20	2	91.1	5	1787.0	-	11.404679

Table 65 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#15 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	85.5	9	1195.0	-	0.538300
2	2	92.7	17	1633.0	-	1.694403
3	1	79.2	12	-	-	3.453163
4	3	71.0	16	1265.0	1335.0	4.783748
5	1	99.0	7	-	-	5.079647
6	3	82.7	18	1529.0	1649.0	7.168203
7	2	62.0	6	1663.0	-	7.922437
8	1	71.6	6	-	-	9.273786
9	2	55.2	16	1076.0	-	9.859538
10	2	79.0	9	1857.0	-	11.567968

Table 66 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	54.8	7	1281.0	-	0.090231
2	2	70.3	14	1264.0	-	0.689557
3	2	85.0	17	1566.0	-	1.591860
4	2	55.3	19	1826.0	-	2.341988
5	3	59.2	7	1427.0	1558.0	2.624299
6	2	71.2	7	1323.0	-	3.577222
7	2	94.7	8	1112.0	-	4.004967
8	1	90.3	18	-	-	4.257966
9	2	57.4	8	1531.0	-	5.046627
10	1	80.2	13	-	-	5.735341
11	2	54.0	15	1885.0	-	6.092140
12	3	72.7	7	1806.0	1661.0	7.051364
13	2	50.1	6	1625.0	-	7.274781
14	1	64.3	13	-	-	8.173851
15	1	93.7	15	-	-	8.690304
16	1	95.3	9	-	-	9.248414
17	2	69.0	10	1295.0	-	9.973821
18	3	59.3	18	1656.0	1437.0	10.399828
19	3	80.4	12	1865.0	1613.0	10.915745
20	1	59.5	5	-	-	11.450777

Table 67 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#17 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	81.1	14	1965.0	-	0.056084
2	2	91.9	16	1993.0	-	1.151638
3	2	62.8	6	1634.0	-	1.717102
4	2	56.0	13	1384.0	-	2.675556
5	2	97.0	20	1775.0	-	4.121980
6	2	56.3	14	1860.0	-	4.454862
7	2	99.4	7	1104.0	-	5.583614
8	2	83.9	15	1695.0	-	6.223817
9	2	72.0	9	1379.0	-	7.262109
10	2	87.1	18	1345.0	-	7.872141
11	3	57.6	16	1621.0	1965.0	9.328950
12	3	78.7	18	1208.0	1827.0	10.136810
13	2	83.1	12	1379.0	-	10.539252
14	1	53.7	13	-	-	11.561929

Table 68 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#18 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	64.1	15	1431.0	-	0.492459
2	2	77.2	8	1717.0	-	1.144755
3	3	82.8	5	1880.0	1047.0	1.337726
4	2	79.5	18	1091.0	-	1.966735
5	2	94.8	14	1089.0	-	2.954909
6	2	72.5	6	1188.0	-	3.087761
7	2	92.7	14	1796.0	-	3.848804
8	1	73.7	6	-	-	4.740507
9	2	70.3	16	1128.0	-	5.063252
10	3	99.9	12	1677.0	1154.0	5.935112
11	3	84.5	8	1042.0	1019.0	6.361519
12	1	96.5	9	-	-	6.642348
13	3	91.4	9	1163.0	1961.0	7.298885
14	2	65.5	17	1772.0	-	7.841615
15	2	60.3	13	1144.0	-	8.591154
16	3	74.2	18	1458.0	1249.0	9.428673
17	2	52.9	16	1322.0	-	9.688864
18	2	58.9	17	1605.0	-	10.678529
19	2	99.9	12	1948.0	-	11.027002
20	1	52.7	16	-	-	11.817345

Table 69 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#19 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	50.7	19	1738.0	-	0.387415
2	2	68.8	6	1076.0	-	0.869825
3	2	61.8	10	1420.0	-	1.513448
4	2	98.4	12	1601.0	-	2.477242
5	2	85.6	10	1238.0	-	2.802449
6	1	92.3	8	-	-	3.363943
7	2	67.5	18	1610.0	-	4.420722
8	2	72.9	14	1335.0	-	4.871551
9	2	75.6	7	1304.0	-	5.420267
10	2	84.8	18	1083.0	-	6.152374

Table 69 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
11	2	54.8	18	1379.0	-	6.680324
12	2	54.7	17	1468.0	-	7.889918
13	3	79.7	16	1349.0	1605.0	8.271063
14	2	71.3	16	1614.0	-	8.895291
15	3	92.4	14	1725.0	1959.0	9.662395
16	1	91.3	9	-	-	10.198070
17	1	65.8	15	-	-	11.265470
18	1	94.0	12	-	-	11.793356

Table 70 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	55.5	10	-	-	0.447697
2	3	67.1	8	1353.0	1264.0	1.962194
3	1	64.3	17	-	-	2.979361
4	2	52.7	12	1732.0	-	4.348108
5	1	63.4	5	-	-	4.983931
6	1	74.7	7	-	-	5.501045
7	2	99.3	18	1255.0	-	7.394965
8	2	55.8	11	1528.0	-	8.557544
9	2	88.2	13	1393.0	-	8.782289
10	2	64.9	16	1754.0	-	10.699725
11	1	75.5	8	-	-	11.454276

Table 71 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#21 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	73.8	17	1980.0	1143.0	1.000794
2	2	90.8	17	1484.0	-	1.766543
3	2	75.5	17	1783.0	-	2.526880
4	3	76.1	8	1545.0	1073.0	4.144759
5	2	96.0	10	1733.0	-	4.786708
6	3	53.1	6	1961.0	1669.0	6.486519
7	2	97.4	15	1043.0	-	6.764628
8	3	73.0	15	1229.0	1492.0	8.305574
9	1	82.4	10	-	-	9.644102
10	2	78.8	8	1516.0	-	10.552328
11	1	84.1	16	-	-	10.973566

Table 72 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	71.0	18	1726.0	-	0.211909
2	3	91.0	9	1703.0	1012.0	1.128797
3	2	83.1	11	1188.0	-	2.122899
4	2	59.3	17	1933.0	-	3.007379
5	2	57.9	10	1121.0	-	3.684170
6	2	83.1	15	1648.0	-	4.504254
7	2	61.1	17	1980.0	-	5.041824

Table 72 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
8	1	77.1	12	-	-	5.869000
9	1	65.5	10	-	-	6.956702
10	3	56.2	19	1685.0	1283.0	7.330049
11	1	86.2	12	-	-	8.781538
12	2	57.6	15	1512.0	-	9.090374
13	3	96.9	8	1843.0	1414.0	10.025271
14	1	51.9	16	-	-	10.810563
15	2	65.8	13	1401.0	-	11.629977

Table 73 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	87.9	11	-	-	0.401924
2	2	98.9	14	1739.0	-	1.007941
3	3	96.6	14	1381.0	1437.0	2.982437
4	2	96.1	19	1731.0	-	3.402291
5	1	62.4	12	-	-	4.755171
6	1	57.6	19	-	-	5.094165
7	2	71.0	5	1951.0	-	6.756471
8	3	78.1	7	1160.0	1062.0	7.384069
9	2	54.8	16	1969.0	-	8.267875
10	3	58.5	5	1453.0	1376.0	9.805100
11	1	60.4	14	-	-	10.256386
12	1	64.3	14	-	-	11.854363

Table 74 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	88.1	6	-	-	0.496021
2	1	65.7	15	-	-	0.839756
3	2	61.2	16	1799.0	-	1.972970
4	2	82.6	17	1974.0	-	2.293151
5	3	69.4	6	1066.0	1731.0	3.316325
6	3	68.0	17	1192.0	1751.0	4.341963
7	2	88.6	5	1617.0	-	4.885589
8	3	67.1	6	1439.0	1172.0	5.871522
9	3	58.9	14	1214.0	1525.0	6.433733
10	2	60.7	18	1641.0	-	6.945614
11	3	72.1	16	1905.0	1924.0	7.508261
12	2	62.6	12	1392.0	-	8.894389
13	3	80.6	8	1037.0	1735.0	9.357557
14	2	74.0	8	1011.0	-	10.310502
15	1	67.0	15	-	-	10.697930
16	1	98.1	10	-	-	11.818819

Table 75 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#25 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	70.5	8	-	-	0.725097

Table 75 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#25 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
2	2	65.7	5	1632.0	-	2.314915
3	2	94.3	19	1975.0	-	2.835162
4	2	95.1	11	1751.0	-	3.734842
5	1	63.0	12	-	-	4.827567
6	2	58.2	15	1003.0	-	6.606366
7	1	56.6	10	-	-	8.298123
8	3	60.7	11	1587.0	1492.0	8.851642
9	2	79.0	12	1474.0	-	10.207572
10	1	85.3	12	-	-	11.977571

Table 76 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#26 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	99.4	6	1826.0	1989.0	0.068416
2	3	93.4	8	1171.0	1521.0	1.566096
3	2	59.6	7	1453.0	-	2.439676
4	2	51.4	6	1737.0	-	3.143910
5	1	58.0	9	-	-	3.820482
6	1	52.0	9	-	-	5.347545
7	2	90.8	13	1846.0	-	5.951742
8	3	67.4	8	1863.0	1025.0	7.180787
9	1	82.5	8	-	-	8.215269
10	1	88.0	10	-	-	8.538055
11	3	87.8	11	1503.0	1391.0	9.916322
12	3	83.2	13	1836.0	1843.0	11.067971
13	3	76.0	9	1278.0	1663.0	11.513973

Table 77 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#27 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	80.5	17	1473.0	1193.0	0.589509
2	1	84.4	10	-	-	1.685327
3	2	75.5	12	1113.0	-	3.009199
4	3	83.1	10	1348.0	1625.0	4.579082
5	3	74.3	11	1547.0	1593.0	5.385907
6	3	98.5	19	1912.0	1531.0	6.940901
7	3	73.1	10	1040.0	1988.0	7.693795
8	1	72.3	18	-	-	9.087831
9	2	79.3	15	1552.0	-	9.642561
10	1	57.2	8	-	-	11.650136

Table 78 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	97.2	19	-	-	0.605498
2	2	83.0	8	1537.0	-	2.056193
3	2	66.5	12	1634.0	-	2.505378
4	2	85.6	9	1373.0	-	4.063775
5	2	56.6	15	1845.0	-	4.924073

Table 78 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
6	1	68.9	8	-	-	6.328736
7	1	83.2	14	-	-	7.953871
8	2	61.4	18	1195.0	-	8.824249
9	2	86.7	7	1889.0	-	10.017906
10	1	54.3	5	-	-	11.586692

Table 79 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	70.2	18	1006.0	-	0.454194
2	2	86.6	11	1064.0	-	0.920094
3	2	61.6	17	1593.0	-	1.821090
4	2	96.4	11	1710.0	-	2.344968
5	3	96.1	16	1190.0	1351.0	2.725590
6	2	60.0	18	1849.0	-	3.640446
7	2	95.6	20	1398.0	-	4.240861
8	2	66.2	7	1830.0	-	4.742020
9	2	81.3	7	1731.0	-	5.827767
10	3	71.7	11	1011.0	1663.0	6.162979
11	3	98.5	13	1944.0	1271.0	7.101914
12	1	99.4	18	-	-	7.585094
13	2	95.8	13	1453.0	-	8.042278
14	1	78.8	11	-	-	8.689116
15	1	80.4	17	-	-	9.993481
16	2	87.8	13	1556.0	-	10.575497
17	2	94.4	14	1809.0	-	10.712955
18	1	74.3	17	-	-	11.433280

Table 80 - WU (CU Synchronization Mode) FL Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	65.4	6	1767.0	1677.0	0.515858
2	1	85.9	15	-	-	1.716044
3	2	56.5	7	1829.0	-	2.115360
4	1	81.8	18	-	-	3.314037
5	2	64.1	15	1200.0	-	4.159980
6	1	54.4	13	-	-	4.764846
7	1	83.8	6	-	-	5.860669
8	2	90.2	6	1435.0	-	7.094637
9	3	98.4	14	1255.0	1203.0	7.688060
10	1	86.7	14	-	-	9.115952
11	2	61.8	11	1546.0	-	9.426435
12	1	75.6	10	-	-	10.403572
13	2	93.3	16	1378.0	-	11.459014

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5282.0MHz, -62.0dBm	Hop sequence: 5446, 5612, 5609, 5271, 5492, 5343, 5463, 5675, 5466, 5327, 5400, 5616, 5664, 5720, 5518, 5254, 5558, 5296, 5613, 5679, 5574, 5597, 5266, 5392, 5418, 5555, 5719, 5361, 5269, 5504, 5582, 5470, 5560, 5438, 5445, 5480, 5381, 5302, 5362, 5293, 5706, 5561, 5656, 5316, 5550, 5714, 5386, 5639, 5589, 5535, 5277, 5337, 5503, 5644, 5260, 5455, 5710, 5447, 5575, 5399, 5259, 5253, 5663, 5652, 5493, 5312, 5506, 5607, 5303, 5436, 5586, 5403, 5378, 5566, 5439, 5696, 5290, 5329, 5325, 5481, 5263, 5642, 5540, 5499, 5488, 5257, 5272, 5549, 5512, 5676, 5397, 5278, 5707, 5521, 5370, 5490, 5346, 5306, 5333, 5374 (12 hits) (10/07/2011 07:18:24 PM)
2	9	1.0	333.0	Yes	5283.0MHz, -62.0dBm	Hop sequence: 5258, 5307, 5351, 5471, 5623, 5452, 5530, 5691, 5719, 5518, 5383, 5309, 5629, 5387, 5701, 5596, 5272, 5466, 5418, 5490, 5546, 5498, 5257, 5430, 5578, 5665, 5386, 5724, 5574, 5512, 5507, 5555, 5526, 5519, 5720, 5372, 5511, 5699, 5662, 5339, 5327, 5256, 5717, 5264, 5368, 5464, 5280, 5718, 5671, 5409, 5429, 5559, 5305, 5556, 5310, 5373, 5708, 5590, 5357, 5330, 5606, 5285, 5322, 5670, 5336, 5523, 5713, 5650, 5350, 5441, 5263, 5496, 5684, 5604, 5494, 5515, 5644, 5581, 5329, 5610, 5447, 5677, 5298, 5277, 5338, 5362, 5525, 5299, 5544, 5714, 5282, 5353, 5421, 5673, 5693, 5695, 5388, 5451, 5462, 5314 (9 hits) (10/07/2011 07:18:34 PM)
3	9	1.0	333.0	Yes	5253.0MHz, -62.0dBm	Hop sequence: 5469, 5567, 5429, 5451, 5386, 5490, 5626, 5713, 5262, 5529, 5344, 5473, 5300, 5320, 5366, 5660, 5357, 5416, 5304, 5250, 5629, 5658, 5483, 5669, 5632, 5384, 5664, 5294, 5308, 5428, 5277, 5510, 5426, 5506, 5596, 5314, 5439, 5455, 5260, 5364, 5545, 5412, 5721, 5257, 5348, 5403, 5550, 5349, 5405, 5327, 5378, 5614, 5692,

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5688, 5586, 5316, 5295, 5393, 5339, 5266, 5265, 5563, 5612, 5298, 5560, 5424, 5673, 5444, 5430, 5498, 5569, 5305, 5551, 5288, 5636, 5524, 5422, 5495, 5593, 5419, 5319, 5684, 5628, 5715, 5707, 5417, 5602, 5601, 5709, 5623, 5409, 5293, 5518, 5470, 5397, 5500, 5434, 5254, 5459, 5487 (7 hits) (10/07/2011 07:18:42 PM)
4	9	1.0	333.0	Yes	5254.0MHz, -62.0dBm	Hop sequence: 5510, 5720, 5581, 5300, 5603, 5665, 5503, 5546, 5542, 5442, 5412, 5640, 5497, 5369, 5663, 5523, 5284, 5364, 5558, 5561, 5462, 5592, 5375, 5458, 5651, 5688, 5274, 5416, 5356, 5415, 5310, 5527, 5271, 5278, 5707, 5477, 5549, 5431, 5659, 5712, 5345, 5564, 5649, 5257, 5446, 5426, 5641, 5329, 5413, 5322, 5296, 5467, 5471, 5270, 5653, 5723, 5580, 5639, 5583, 5317, 5643, 5354, 5512, 5531, 5667, 5716, 5674, 5664, 5253, 5541, 5552, 5628, 5655, 5491, 5645, 5586, 5505, 5532, 5534, 5388, 5481, 5492, 5372, 5273, 5303, 5309, 5440, 5306, 5302, 5690, 5559, 5484, 5570, 5638, 5435, 5670, 5622, 5589, 5365, 5553 (7 hits) (10/07/2011 07:18:50 PM)
5	9	1.0	333.0	Yes	5255.0MHz, -62.0dBm	Hop sequence: 5441, 5578, 5299, 5614, 5566, 5397, 5330, 5286, 5412, 5635, 5657, 5529, 5538, 5552, 5267, 5367, 5396, 5717, 5474, 5390, 5520, 5341, 5346, 5329, 5447, 5676, 5679, 5278, 5670, 5590, 5601, 5544, 5716, 5331, 5366, 5292, 5705, 5349, 5541, 5338, 5697, 5540, 5324, 5650, 5453, 5521, 5371, 5381, 5417, 5493, 5499, 5496, 5335, 5370, 5711, 5383, 5695, 5559, 5478, 5632, 5531, 5448, 5490, 5364, 5557, 5277, 5532, 5620, 5394, 5375, 5561, 5725, 5630, 5535, 5463, 5444, 5432, 5461, 5342, 5469, 5484, 5530, 5251, 5563, 5604, 5631, 5694, 5505, 5458, 5573, 5287, 5467, 5254, 5354, 5457, 5424, 5616, 5613, 5523, 5295 (4 hits) (10/07/2011 07:18:58 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
6	9	1.0	333.0	Yes	5256.0MHz, -62.0dBm	Hop sequence: 5296, 5601, 5611, 5359, 5546, 5274, 5661, 5705, 5282, 5295, 5363, 5697, 5646, 5377, 5317, 5636, 5328, 5456, 5459, 5297, 5544, 5338, 5545, 5270, 5365, 5683, 5276, 5298, 5547, 5643, 5361, 5708, 5262, 5676, 5327, 5671, 5481, 5703, 5398, 5574, 5345, 5453, 5476, 5372, 5369, 5693, 5500, 5460, 5483, 5440, 5596, 5322, 5287, 5405, 5549, 5638, 5617, 5666, 5284, 5260, 5458, 5426, 5511, 5385, 5529, 5525, 5360, 5258, 5689, 5351, 5294, 5620, 5499, 5378, 5462, 5685, 5425, 5478, 5269, 5449, 5484, 5446, 5465, 5475, 5490, 5586, 5640, 5305, 5443, 5341, 5417, 5266, 5572, 5457, 5605, 5619, 5277, 5413, 5575, 5444 (10 hits) (10/07/2011 07:19:06 PM)
7	9	1.0	333.0	Yes	5257.0MHz, -62.0dBm	Hop sequence: 5709, 5418, 5312, 5479, 5607, 5468, 5283, 5318, 5286, 5517, 5325, 5516, 5310, 5486, 5316, 5436, 5677, 5401, 5627, 5621, 5564, 5331, 5365, 5565, 5330, 5622, 5264, 5545, 5357, 5448, 5454, 5683, 5456, 5651, 5563, 5464, 5288, 5679, 5381, 5525, 5519, 5613, 5359, 5587, 5372, 5711, 5491, 5707, 5254, 5483, 5293, 5720, 5472, 5630, 5579, 5673, 5275, 5506, 5251, 5332, 5548, 5723, 5502, 5417, 5478, 5569, 5413, 5666, 5311, 5688, 5256, 5608, 5422, 5404, 5604, 5425, 5269, 5625, 5589, 5490, 5351, 5693, 5493, 5725, 5645, 5250, 5644, 5697, 5412, 5378, 5703, 5643, 5385, 5263, 5515, 5363, 5362, 5399, 5484, 5349 (7 hits) (10/07/2011 07:19:13 PM)
8	9	1.0	333.0	Yes	5258.0MHz, -62.0dBm	Hop sequence: 5650, 5281, 5389, 5491, 5463, 5353, 5502, 5377, 5286, 5504, 5667, 5703, 5623, 5430, 5303, 5401, 5429, 5565, 5540, 5535, 5529, 5373, 5458, 5426, 5627, 5687, 5480, 5283, 5250, 5672, 5324, 5593, 5614, 5704, 5348, 5721, 5625, 5473, 5411, 5538, 5632, 5668, 5515, 5570, 5606, 5421, 5375, 5346, 5414, 5253, 5718, 5265, 5602,

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5460, 5566, 5292, 5691, 5400, 5589, 5723, 5330, 5629, 5278, 5707, 5546, 5299, 5692, 5528, 5539, 5267, 5561, 5457, 5682, 5694, 5436, 5329, 5553, 5287, 5580, 5588, 5665, 5679, 5592, 5534, 5336, 5398, 5519, 5578, 5403, 5541, 5341, 5661, 5702, 5613, 5485, 5631, 5630, 5254, 5368, 5648 (7 hits) (10/07/2011 07:19:20 PM)
9	9	1.0	333.0	Yes	5259.0MHz, -62.0dBm	Hop sequence: 5572, 5621, 5693, 5584, 5297, 5257, 5281, 5368, 5400, 5597, 5271, 5535, 5265, 5724, 5409, 5710, 5473, 5651, 5293, 5353, 5433, 5520, 5478, 5608, 5513, 5618, 5580, 5541, 5481, 5252, 5369, 5560, 5625, 5268, 5632, 5627, 5350, 5335, 5530, 5331, 5315, 5640, 5301, 5688, 5486, 5631, 5476, 5283, 5699, 5548, 5397, 5641, 5704, 5689, 5296, 5558, 5263, 5592, 5536, 5630, 5280, 5556, 5594, 5298, 5477, 5526, 5537, 5441, 5552, 5690, 5543, 5402, 5538, 5582, 5488, 5407, 5695, 5595, 5562, 5272, 5365, 5341, 5318, 5289, 5707, 5287, 5390, 5415, 5461, 5576, 5475, 5542, 5670, 5340, 5517, 5523, 5698, 5605, 5307, 5600 (9 hits) (10/07/2011 07:19:27 PM)
10	9	1.0	333.0	Yes	5260.0MHz, -62.0dBm	Hop sequence: 5631, 5484, 5660, 5442, 5303, 5451, 5594, 5318, 5373, 5432, 5343, 5460, 5491, 5630, 5548, 5694, 5557, 5396, 5276, 5336, 5598, 5262, 5453, 5352, 5581, 5586, 5716, 5551, 5298, 5344, 5441, 5273, 5655, 5371, 5612, 5348, 5671, 5333, 5640, 5711, 5423, 5251, 5387, 5677, 5691, 5502, 5708, 5530, 5341, 5253, 5515, 5590, 5399, 5393, 5610, 5721, 5463, 5259, 5353, 5366, 5312, 5299, 5552, 5448, 5596, 5589, 5675, 5309, 5256, 5426, 5603, 5420, 5459, 5418, 5389, 5559, 5334, 5626, 5265, 5255, 5340, 5467, 5501, 5661, 5679, 5300, 5523, 5304, 5308, 5398, 5482, 5443, 5447, 5575, 5656, 5568, 5356, 5486, 5531, 5325 (8 hits) (10/07/2011 07:19:34 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
11	9	1.0	333.0	Yes	5261.0MHz, -62.0dBm	Hop sequence: 5569, 5425, 5422, 5564, 5368, 5698, 5350, 5281, 5575, 5599, 5453, 5562, 5578, 5392, 5653, 5585, 5455, 5657, 5406, 5401, 5668, 5624, 5719, 5405, 5251, 5697, 5552, 5655, 5542, 5360, 5359, 5397, 5454, 5432, 5553, 5301, 5527, 5670, 5416, 5286, 5436, 5524, 5410, 5506, 5394, 5441, 5269, 5274, 5355, 5701, 5382, 5581, 5724, 5312, 5646, 5514, 5260, 5265, 5305, 5254, 5612, 5473, 5649, 5686, 5445, 5557, 5279, 5598, 5451, 5483, 5693, 5396, 5626, 5361, 5721, 5485, 5643, 5559, 5388, 5699, 5311, 5535, 5275, 5363, 5633, 5362, 5550, 5256, 5318, 5576, 5474, 5299, 5347, 5641, 5370, 5424, 5266, 5696, 5295, 5609 (10 hits) (10/07/2011 07:19:41 PM)
12	9	1.0	333.0	Yes	5262.0MHz, -62.0dBm	Hop sequence: 5612, 5481, 5540, 5258, 5700, 5456, 5482, 5336, 5430, 5434, 5424, 5483, 5359, 5411, 5372, 5630, 5610, 5600, 5329, 5506, 5309, 5524, 5443, 5704, 5447, 5428, 5557, 5617, 5539, 5632, 5459, 5683, 5580, 5386, 5702, 5450, 5384, 5290, 5441, 5476, 5564, 5446, 5418, 5716, 5684, 5651, 5715, 5317, 5282, 5320, 5635, 5322, 5373, 5303, 5358, 5474, 5527, 5340, 5507, 5304, 5475, 5526, 5350, 5332, 5679, 5471, 5585, 5622, 5662, 5707, 5669, 5287, 5508, 5565, 5517, 5376, 5352, 5396, 5602, 5382, 5419, 5460, 5589, 5724, 5581, 5275, 5644, 5301, 5608, 5334, 5455, 5313, 5273, 5285, 5327, 5606, 5561, 5726, 5427, 5395 (4 hits) (10/07/2011 07:19:49 PM)
13	9	1.0	333.0	Yes	5263.0MHz, -62.0dBm	Hop sequence: 5525, 5426, 5620, 5404, 5690, 5596, 5569, 5464, 5595, 5392, 5611, 5604, 5523, 5584, 5565, 5466, 5591, 5312, 5536, 5288, 5633, 5319, 5524, 5518, 5459, 5610, 5456, 5444, 5667, 5276, 5391, 5250, 5252, 5361, 5354, 5576, 5380, 5261, 5631, 5642, 5315, 5651, 5691, 5621, 5320, 5717, 5439, 5412, 5323, 5587, 5618, 5649, 5637,

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5424, 5526, 5400, 5350, 5339, 5329, 5487, 5411, 5482, 5398, 5415, 5519, 5636, 5306, 5376, 5293, 5340, 5539, 5409, 5367, 5545, 5318, 5662, 5351, 5309, 5498, 5397, 5561, 5475, 5458, 5416, 5453, 5253, 5567, 5336, 5632, 5664, 5540, 5643, 5417, 5327, 5346, 5473, 5583, 5483, 5582, 5322 (3 hits) (10/07/2011 07:19:58 PM)
14	9	1.0	333.0	Yes	5264.0MHz, -62.0dBm	Hop sequence: 5491, 5702, 5283, 5627, 5370, 5700, 5417, 5308, 5469, 5668, 5358, 5524, 5277, 5440, 5371, 5555, 5511, 5503, 5300, 5589, 5583, 5274, 5696, 5365, 5570, 5395, 5559, 5374, 5434, 5453, 5607, 5536, 5380, 5695, 5256, 5316, 5392, 5436, 5509, 5629, 5360, 5625, 5301, 5537, 5325, 5573, 5572, 5254, 5671, 5568, 5447, 5406, 5679, 5314, 5400, 5655, 5373, 5262, 5336, 5651, 5393, 5566, 5390, 5497, 5444, 5367, 5465, 5462, 5473, 5272, 5721, 5427, 5724, 5255, 5560, 5407, 5660, 5558, 5439, 5297, 5398, 5369, 5466, 5384, 5682, 5329, 5567, 5705, 5485, 5506, 5430, 5445, 5519, 5282, 5654, 5320, 5412, 5513, 5641, 5514 (9 hits) (10/07/2011 07:20:07 PM)
15	9	1.0	333.0	Yes	5265.0MHz, -62.0dBm	Hop sequence: 5591, 5517, 5463, 5430, 5515, 5696, 5496, 5416, 5657, 5435, 5561, 5512, 5379, 5541, 5348, 5579, 5448, 5444, 5258, 5374, 5705, 5707, 5319, 5715, 5709, 5603, 5611, 5679, 5586, 5434, 5393, 5458, 5717, 5533, 5299, 5616, 5652, 5519, 5286, 5266, 5446, 5358, 5265, 5339, 5453, 5564, 5608, 5557, 5402, 5581, 5400, 5368, 5371, 5420, 5351, 5320, 5550, 5253, 5493, 5356, 5287, 5637, 5471, 5721, 5654, 5604, 5545, 5291, 5632, 5507, 5480, 5492, 5386, 5648, 5461, 5388, 5317, 5553, 5335, 5598, 5369, 5485, 5260, 5337, 5332, 5410, 5618, 5481, 5464, 5489, 5566, 5274, 5588, 5666, 5543, 5680, 5498, 5537, 5462, 5674 (6 hits) (10/07/2011 07:20:15 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
16	9	1.0	333.0	Yes	5266.0MHz, -62.0dBm	Hop sequence: 5370, 5706, 5381, 5391, 5425, 5488, 5405, 5291, 5537, 5644, 5668, 5572, 5436, 5725, 5494, 5387, 5687, 5563, 5404, 5255, 5652, 5460, 5575, 5348, 5691, 5625, 5429, 5374, 5524, 5616, 5674, 5509, 5343, 5376, 5472, 5612, 5303, 5465, 5708, 5550, 5375, 5487, 5355, 5443, 5586, 5447, 5499, 5437, 5665, 5653, 5416, 5507, 5373, 5496, 5281, 5585, 5478, 5367, 5689, 5324, 5641, 5415, 5284, 5479, 5444, 5510, 5607, 5426, 5390, 5589, 5542, 5483, 5700, 5654, 5659, 5395, 5712, 5290, 5262, 5318, 5275, 5663, 5317, 5463, 5402, 5461, 5393, 5714, 5699, 5431, 5500, 5594, 5534, 5386, 5573, 5503, 5617, 5351, 5490, 5312 (4 hits) (10/07/2011 07:20:22 PM)
17	9	1.0	333.0	Yes	5267.0MHz, -62.0dBm	Hop sequence: 5521, 5404, 5422, 5543, 5642, 5396, 5402, 5542, 5475, 5425, 5303, 5658, 5623, 5714, 5507, 5591, 5654, 5347, 5322, 5361, 5633, 5650, 5416, 5541, 5503, 5408, 5473, 5648, 5626, 5280, 5684, 5545, 5716, 5631, 5535, 5364, 5508, 5279, 5656, 5548, 5720, 5513, 5262, 5514, 5460, 5442, 5692, 5448, 5585, 5306, 5713, 5428, 5455, 5451, 5292, 5678, 5286, 5447, 5661, 5646, 5314, 5524, 5637, 5665, 5464, 5264, 5391, 5469, 5353, 5512, 5284, 5390, 5468, 5278, 5290, 5617, 5478, 5459, 5666, 5367, 5588, 5474, 5283, 5592, 5392, 5445, 5275, 5598, 5433, 5444, 5328, 5401, 5299, 5452, 5344, 5329, 5386, 5632, 5702, 5644 (7 hits) (10/07/2011 07:20:34 PM)
18	9	1.0	333.0	Yes	5268.0MHz, -62.0dBm	Hop sequence: 5595, 5681, 5388, 5705, 5394, 5504, 5605, 5332, 5533, 5430, 5640, 5626, 5599, 5294, 5583, 5361, 5521, 5349, 5500, 5403, 5283, 5601, 5673, 5471, 5625, 5419, 5702, 5300, 5458, 5382, 5592, 5606, 5709, 5554, 5565, 5516, 5701, 5700, 5369, 5367, 5632, 5629, 5656, 5716, 5713, 5418, 5317, 5544, 5293, 5586, 5524, 5270, 5452,

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5280, 5654, 5375, 5525, 5323, 5441, 5505, 5404, 5487, 5417, 5519, 5387, 5253, 5472, 5360, 5468, 5574, 5476, 5639, 5320, 5722, 5570, 5445, 5537, 5439, 5707, 5528, 5411, 5510, 5325, 5328, 5457, 5610, 5688, 5614, 5381, 5448, 5679, 5483, 5676, 5250, 5475, 5559, 5529, 5512, 5623, 5590 (4 hits) (10/07/2011 07:20:42 PM)
19	9	1.0	333.0	Yes	5269.0MHz, -62.0dBm	Hop sequence: 5706, 5584, 5279, 5277, 5296, 5426, 5521, 5590, 5377, 5380, 5297, 5573, 5597, 5672, 5605, 5282, 5627, 5649, 5369, 5635, 5271, 5708, 5533, 5338, 5354, 5610, 5705, 5646, 5352, 5422, 5312, 5281, 5257, 5485, 5453, 5441, 5262, 5724, 5443, 5431, 5686, 5439, 5346, 5651, 5448, 5613, 5685, 5310, 5367, 5436, 5578, 5469, 5561, 5264, 5532, 5398, 5445, 5505, 5337, 5720, 5260, 5723, 5585, 5345, 5529, 5475, 5316, 5324, 5591, 5572, 5275, 5538, 5463, 5342, 5563, 5382, 5656, 5556, 5543, 5722, 5682, 5513, 5363, 5480, 5347, 5726, 5466, 5638, 5261, 5492, 5510, 5276, 5340, 5394, 5458, 5493, 5339, 5270, 5608, 5676 (13 hits) (10/07/2011 07:20:49 PM)
20	9	1.0	333.0	Yes	5270.0MHz, -62.0dBm	Hop sequence: 5552, 5599, 5572, 5583, 5464, 5705, 5644, 5617, 5687, 5292, 5708, 5578, 5255, 5621, 5682, 5253, 5691, 5456, 5299, 5394, 5676, 5395, 5655, 5650, 5484, 5527, 5725, 5529, 5704, 5442, 5576, 5310, 5286, 5321, 5667, 5472, 5688, 5427, 5711, 5273, 5355, 5320, 5540, 5339, 5666, 5477, 5524, 5264, 5694, 5556, 5505, 5327, 5362, 5714, 5433, 5597, 5643, 5690, 5389, 5628, 5352, 5462, 5278, 5720, 5494, 5669, 5288, 5607, 5533, 5653, 5266, 5489, 5648, 5317, 5608, 5356, 5258, 5538, 5437, 5671, 5270, 5548, 5461, 5594, 5331, 5370, 5586, 5522, 5319, 5423, 5606, 5446, 5541, 5519, 5271, 5631, 5616, 5409, 5335, 5256 (10 hits) (10/07/2011 07:20:57 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	9	1.0	333.0	Yes	5271.0MHz, -62.0dBm	Hop sequence: 5400, 5672, 5389, 5600, 5412, 5316, 5690, 5356, 5379, 5262, 5304, 5293, 5344, 5530, 5292, 5338, 5707, 5511, 5363, 5523, 5631, 5425, 5286, 5492, 5606, 5612, 5639, 5598, 5349, 5318, 5682, 5693, 5373, 5297, 5527, 5683, 5704, 5397, 5585, 5426, 5684, 5708, 5364, 5509, 5663, 5302, 5506, 5556, 5406, 5587, 5333, 5337, 5346, 5710, 5253, 5644, 5555, 5724, 5715, 5332, 5285, 5388, 5532, 5508, 5504, 5695, 5429, 5384, 5366, 5645, 5382, 5495, 5637, 5266, 5298, 5584, 5409, 5475, 5551, 5677, 5326, 5529, 5289, 5411, 5271, 5602, 5408, 5443, 5442, 5488, 5378, 5395, 5320, 5559, 5472, 5431, 5465, 5653, 5427, 5390 (4 hits) (10/07/2011 07:21:04 PM)
22	9	1.0	333.0	Yes	5272.0MHz, -62.0dBm	Hop sequence: 5273, 5667, 5413, 5648, 5316, 5585, 5647, 5264, 5617, 5662, 5684, 5497, 5333, 5660, 5707, 5267, 5546, 5630, 5269, 5572, 5708, 5540, 5429, 5611, 5292, 5556, 5563, 5562, 5530, 5289, 5638, 5372, 5453, 5522, 5491, 5327, 5561, 5382, 5470, 5637, 5526, 5334, 5254, 5669, 5392, 5383, 5600, 5636, 5588, 5472, 5726, 5352, 5329, 5486, 5502, 5596, 5294, 5508, 5521, 5408, 5694, 5308, 5704, 5523, 5378, 5514, 5698, 5605, 5477, 5293, 5533, 5261, 5282, 5488, 5673, 5635, 5710, 5504, 5310, 5466, 5594, 5431, 5365, 5693, 5452, 5512, 5564, 5603, 5498, 5519, 5539, 5686, 5651, 5548, 5432, 5490, 5482, 5351, 5356, 5628 (7 hits) (10/07/2011 07:21:11 PM)
23	9	1.0	333.0	Yes	5273.0MHz, -62.0dBm	Hop sequence: 5464, 5351, 5615, 5713, 5463, 5530, 5398, 5331, 5540, 5369, 5332, 5711, 5684, 5469, 5698, 5326, 5723, 5438, 5509, 5304, 5484, 5363, 5390, 5392, 5457, 5654, 5675, 5646, 5709, 5447, 5476, 5487, 5521, 5507, 5370, 5377, 5346, 5467, 5465, 5424, 5273, 5456, 5360, 5483, 5528, 5461, 5409, 5591, 5379, 5414, 5387, 5589, 5283,

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5380, 5490, 5453, 5518, 5279, 5488, 5688, 5700, 5262, 5680, 5403, 5573, 5655, 5472, 5594, 5299, 5716, 5396, 5533, 5401, 5383, 5335, 5702, 5651, 5294, 5548, 5381, 5323, 5644, 5353, 5537, 5625, 5492, 5605, 5426, 5603, 5652, 5692, 5588, 5508, 5572, 5439, 5480, 5543, 5547, 5359, 5556 (4 hits) (10/07/2011 07:21:18 PM)
24	9	1.0	333.0	Yes	5274.0MHz, -62.0dBm	Hop sequence: 5335, 5578, 5643, 5419, 5602, 5656, 5394, 5555, 5417, 5485, 5509, 5711, 5440, 5257, 5274, 5724, 5668, 5594, 5605, 5622, 5709, 5721, 5641, 5694, 5520, 5329, 5704, 5447, 5387, 5265, 5452, 5662, 5565, 5287, 5637, 5558, 5476, 5649, 5519, 5496, 5510, 5725, 5604, 5653, 5299, 5573, 5490, 5465, 5677, 5708, 5546, 5464, 5596, 5386, 5337, 5646, 5503, 5560, 5364, 5610, 5252, 5463, 5389, 5547, 5457, 5459, 5281, 5320, 5400, 5273, 5283, 5497, 5260, 5663, 5507, 5475, 5695, 5258, 5678, 5355, 5699, 5685, 5469, 5319, 5435, 5448, 5425, 5484, 5471, 5629, 5545, 5438, 5426, 5268, 5599, 5297, 5359, 5416, 5624, 5350 (9 hits) (10/07/2011 07:21:26 PM)
25	9	1.0	333.0	Yes	5275.0MHz, -62.0dBm	Hop sequence: 5597, 5635, 5480, 5372, 5522, 5551, 5321, 5670, 5300, 5347, 5579, 5420, 5308, 5317, 5430, 5693, 5474, 5606, 5395, 5524, 5466, 5266, 5264, 5429, 5600, 5716, 5590, 5292, 5394, 5469, 5351, 5717, 5490, 5329, 5578, 5668, 5528, 5494, 5307, 5604, 5601, 5296, 5609, 5544, 5493, 5602, 5577, 5654, 5257, 5253, 5378, 5335, 5626, 5537, 5571, 5675, 5281, 5589, 5389, 5575, 5349, 5580, 5685, 5564, 5418, 5506, 5517, 5652, 5603, 5711, 5725, 5447, 5360, 5674, 5504, 5467, 5592, 5721, 5441, 5451, 5426, 5450, 5333, 5612, 5508, 5595, 5692, 5255, 5722, 5527, 5581, 5402, 5375, 5500, 5569, 5556, 5509, 5322, 5582, 5498 (6 hits) (10/07/2011 07:21:32 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
26	9	1.0	333.0	Yes	5276.0MHz, -62.0dBm	Hop sequence: 5466, 5647, 5357, 5723, 5529, 5411, 5559, 5345, 5558, 5699, 5415, 5442, 5423, 5556, 5384, 5350, 5697, 5595, 5326, 5337, 5375, 5607, 5557, 5534, 5502, 5422, 5470, 5571, 5546, 5524, 5252, 5383, 5445, 5530, 5265, 5403, 5713, 5684, 5386, 5711, 5613, 5515, 5453, 5354, 5281, 5487, 5597, 5527, 5351, 5258, 5302, 5600, 5275, 5298, 5424, 5448, 5256, 5521, 5290, 5659, 5294, 5465, 5719, 5295, 5526, 5390, 5458, 5488, 5429, 5393, 5413, 5618, 5283, 5402, 5316, 5682, 5710, 5320, 5312, 5471, 5361, 5441, 5482, 5325, 5579, 5369, 5712, 5286, 5672, 5653, 5664, 5634, 5518, 5288, 5278, 5622, 5378, 5520, 5304, 5503 (7 hits) (10/07/2011 07:21:40 PM)
27	9	1.0	333.0	Yes	5277.0MHz, -62.0dBm	Hop sequence: 5472, 5561, 5642, 5577, 5480, 5381, 5611, 5617, 5563, 5540, 5497, 5257, 5478, 5354, 5401, 5289, 5309, 5316, 5549, 5353, 5373, 5651, 5583, 5625, 5464, 5484, 5531, 5258, 5701, 5525, 5593, 5542, 5603, 5618, 5703, 5639, 5680, 5582, 5326, 5501, 5613, 5495, 5487, 5435, 5716, 5368, 5344, 5287, 5253, 5403, 5286, 5307, 5323, 5380, 5327, 5451, 5661, 5537, 5672, 5329, 5396, 5393, 5285, 5656, 5385, 5585, 5533, 5389, 5374, 5532, 5251, 5610, 5534, 5504, 5278, 5715, 5293, 5717, 5722, 5719, 5400, 5427, 5712, 5622, 5306, 5635, 5520, 5655, 5502, 5721, 5269, 5405, 5301, 5564, 5528, 5328, 5485, 5687, 5404, 5695 (5 hits) (10/07/2011 07:22:44 PM)
28	9	1.0	333.0	Yes	5278.0MHz, -62.0dBm	Hop sequence: 5342, 5428, 5317, 5504, 5624, 5385, 5319, 5513, 5415, 5321, 5334, 5660, 5610, 5700, 5337, 5447, 5426, 5575, 5393, 5539, 5423, 5511, 5681, 5597, 5671, 5705, 5516, 5479, 5270, 5284, 5586, 5628, 5686, 5717, 5567, 5499, 5577, 5531, 5552, 5406, 5377, 5357, 5506, 5603, 5674, 5343, 5264, 5632, 5622, 5510, 5449, 5618, 5501,

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5524, 5534, 5574, 5663, 5298, 5376, 5673, 5620, 5390, 5631, 5464, 5647, 5623, 5384, 5433, 5470, 5533, 5391, 5544, 5399, 5528, 5692, 5655, 5400, 5570, 5368, 5547, 5397, 5650, 5617, 5582, 5583, 5589, 5365, 5522, 5474, 5468, 5639, 5596, 5491, 5509, 5322, 5271, 5636, 5366, 5708, 5309 (3 hits) (10/07/2011 07:22:52 PM)
29	9	1.0	333.0	Yes	5279.0MHz, -62.0dBm	Hop sequence: 5504, 5642, 5595, 5719, 5520, 5312, 5653, 5439, 5334, 5290, 5340, 5553, 5346, 5503, 5587, 5506, 5276, 5413, 5576, 5569, 5532, 5694, 5453, 5336, 5654, 5701, 5712, 5306, 5283, 5538, 5635, 5419, 5461, 5604, 5435, 5709, 5386, 5644, 5280, 5652, 5581, 5458, 5282, 5678, 5530, 5628, 5465, 5289, 5491, 5476, 5475, 5377, 5351, 5472, 5660, 5366, 5387, 5579, 5636, 5686, 5525, 5409, 5423, 5414, 5468, 5424, 5683, 5593, 5687, 5303, 5648, 5348, 5459, 5664, 5668, 5443, 5384, 5316, 5482, 5571, 5359, 5365, 5261, 5301, 5588, 5544, 5484, 5462, 5320, 5692, 5659, 5477, 5684, 5390, 5257, 5481, 5656, 5554, 5611, 5717 (6 hits) (10/07/2011 07:23:06 PM)
30	9	1.0	333.0	Yes	5280.0MHz, -62.0dBm	Hop sequence: 5403, 5557, 5365, 5684, 5611, 5285, 5527, 5363, 5308, 5612, 5706, 5610, 5592, 5333, 5295, 5493, 5409, 5373, 5455, 5433, 5309, 5300, 5685, 5633, 5609, 5572, 5523, 5481, 5560, 5494, 5446, 5516, 5444, 5529, 5562, 5476, 5341, 5326, 5717, 5293, 5621, 5350, 5656, 5595, 5420, 5483, 5318, 5359, 5512, 5720, 5681, 5340, 5559, 5537, 5441, 5429, 5316, 5627, 5604, 5540, 5385, 5387, 5589, 5690, 5660, 5407, 5588, 5535, 5497, 5311, 5567, 5640, 5325, 5274, 5691, 5657, 5394, 5607, 5542, 5292, 5271, 5680, 5718, 5581, 5328, 5282, 5563, 5445, 5666, 5339, 5579, 5410, 5477, 5500, 5487, 5301, 5280, 5400, 5620, 5638 (4 hits) (10/07/2011 07:23:15 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results WU (CU Synchronization Mode) FL						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
31	9	1.0	333.0	Yes	5281.0MHz, -62.0dBm	Hop sequence: 5679, 5495, 5662, 5568, 5353, 5332, 5431, 5291, 5676, 5283, 5281, 5436, 5647, 5710, 5633, 5390, 5418, 5429, 5579, 5285, 5585, 5340, 5441, 5605, 5288, 5548, 5506, 5440, 5649, 5384, 5258, 5725, 5361, 5250, 5516, 5630, 5724, 5421, 5668, 5425, 5262, 5596, 5380, 5711, 5251, 5657, 5271, 5708, 5592, 5293, 5464, 5571, 5578, 5385, 5632, 5397, 5286, 5310, 5535, 5681, 5427, 5618, 5513, 5449, 5426, 5669, 5497, 5413, 5279, 5348, 5509, 5444, 5264, 5600, 5466, 5612, 5438, 5607, 5298, 5446, 5619, 5529, 5567, 5344, 5486, 5700, 5417, 5640, 5569, 5597, 5487, 5575, 5300, 5656, 5552, 5659, 5377, 5555, 5422, 5323 (7 hits) (10/07/2011 07:23:23 PM)

Table 82 - Summary of All Results – WU Steady State				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	100.0 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	34	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED

Table 83 - FCC Short Pulse Radar (Type 1) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:44:07 AM)
2	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:44:26 AM)
3	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:44:36 AM)
4	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:44:43 AM)
5	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:44:51 AM)
6	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:44:59 AM)
7	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:45:08 AM)
8	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:45:16 AM)
9	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:45:24 AM)
10	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:45:31 AM)
11	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:45:40 AM)
12	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:45:48 AM)
13	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:46:00 AM)
14	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:46:10 AM)
15	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:46:31 AM)
16	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:46:42 AM)
17	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:46:51 AM)
18	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:47:03 AM)
19	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:47:14 AM)
20	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:47:22 AM)

Table 83 - FCC Short Pulse Radar (Type 1) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:47:35 AM)
22	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:47:45 AM)
23	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:47:54 AM)
24	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:48:04 AM)
25	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:48:20 AM)
26	18	1.0	1428.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:48:32 AM)
27	18	1.0	1428.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:48:40 AM)
28	18	1.0	1428.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:48:50 AM)
29	18	1.0	1428.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:49:01 AM)
30	18	1.0	1428.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:49:11 AM)

Table 84 - FCC Short Pulse Radar (Type 2) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	24	3.5	218.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:49:58 AM)
2	26	4.4	185.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:50:06 AM)
3	23	1.5	155.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:50:14 AM)
4	25	1.4	192.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:50:21 AM)
5	26	3.8	208.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:50:31 AM)
6	24	1.7	157.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:50:38 AM)
7	25	2.9	209.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:50:46 AM)
8	26	4.5	157.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:50:55 AM)
9	28	1.8	188.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:51:03 AM)
10	26	3.9	208.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:51:14 AM)
11	29	2.8	199.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:51:22 AM)
12	28	3.7	175.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:51:32 AM)
13	28	1.7	176.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:51:44 AM)
14	24	4.4	212.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:51:53 AM)
15	29	4.4	187.0	Yes	5568.2MHz,	Single burst (10/18/2011 09:52:06

Table 84 - FCC Short Pulse Radar (Type 2) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-62.0dBm	AM)
16	28	3.7	229.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:52:14 AM)
17	26	3.4	224.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:52:22 AM)
18	27	2.0	168.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:52:31 AM)
19	24	2.7	165.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:52:42 AM)
20	24	3.8	200.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:52:53 AM)
21	24	3.8	230.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:53:02 AM)
22	24	3.1	161.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:53:13 AM)
23	28	2.4	200.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:53:21 AM)
24	26	1.4	177.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:53:29 AM)
25	24	4.2	229.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:53:40 AM)
26	26	3.1	167.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:54:03 AM)
27	27	3.0	222.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:54:10 AM)
28	25	1.0	163.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:54:19 AM)
29	25	3.7	194.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:54:35 AM)
30	26	3.9	175.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:54:48 AM)

Table 85 - FCC Short Pulse Radar (Type 3) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	9.5	381.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:55:48 AM)
2	18	6.6	309.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:55:57 AM)
3	18	8.8	457.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:56:08 AM)
4	18	9.1	349.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:56:22 AM)
5	16	7.7	282.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:56:29 AM)
6	17	6.5	416.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:56:37 AM)
7	18	6.2	249.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:56:46 AM)
8	16	8.1	452.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:56:56 AM)
9	17	8.8	457.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:57:04 AM)

Table 85 - FCC Short Pulse Radar (Type 3) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	18	8.5	381.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:57:11 AM)
11	16	7.4	341.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:57:19 AM)
12	16	7.9	201.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:57:27 AM)
13	17	9.0	310.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:57:34 AM)
14	17	6.9	459.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:57:43 AM)
15	16	6.7	245.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:57:55 AM)
16	17	8.3	255.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:58:03 AM)
17	16	8.2	249.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:58:12 AM)
18	17	6.2	232.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:58:20 AM)
19	16	9.8	353.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:58:30 AM)
20	18	8.0	418.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:58:38 AM)
21	16	7.7	225.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:58:47 AM)
22	18	8.4	263.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:58:57 AM)
23	18	6.3	309.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 09:59:05 AM)
24	17	8.3	223.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 09:59:13 AM)
25	17	9.3	466.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 09:59:22 AM)
26	17	7.0	424.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 09:59:32 AM)
27	17	6.4	482.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 09:59:54 AM)
28	17	6.7	489.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 10:00:05 AM)
29	17	7.5	439.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 10:00:13 AM)
30	17	7.7	290.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 10:00:24 AM)

Table 86 - FCC Short Pulse Radar (Type 4) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	13.7	480.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 10:00:57 AM)
2	13	19.5	391.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 10:01:07 AM)
3	13	11.2	429.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 10:01:15 AM)

Table 86 - FCC Short Pulse Radar (Type 4) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	15	19.7	322.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 10:01:22 AM)
5	16	12.7	381.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 10:01:33 AM)
6	13	15.4	324.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 10:01:41 AM)
7	13	14.7	203.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 10:01:56 AM)
8	12	14.5	397.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 10:02:05 AM)
9	12	19.4	414.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 10:02:14 AM)
10	16	17.3	488.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 10:02:23 AM)
11	16	15.0	430.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 10:02:30 AM)
12	14	13.6	440.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 10:02:38 AM)
13	16	14.8	270.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 10:02:46 AM)
14	13	16.3	304.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 10:02:54 AM)
15	15	11.7	342.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 10:03:01 AM)
16	14	13.6	250.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 10:03:10 AM)
17	15	19.1	425.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 10:03:18 AM)
18	13	14.2	364.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 10:03:29 AM)
19	13	17.7	306.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 10:03:42 AM)
20	14	13.7	292.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 10:03:51 AM)
21	13	14.3	211.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:00 AM)
22	14	19.4	274.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:08 AM)
23	15	19.6	257.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:16 AM)
24	15	18.5	360.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:24 AM)
25	15	11.8	322.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:32 AM)
26	13	14.8	339.0	Yes	5563.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:41 AM)
27	15	17.9	287.0	Yes	5558.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:48 AM)
28	13	11.2	387.0	Yes	5553.2MHz, -62.0dBm	Single burst (10/18/2011 10:04:56 AM)
29	14	14.6	407.0	Yes	5573.2MHz, -62.0dBm	Single burst (10/18/2011 10:05:04 AM)
30	15	15.7	495.0	Yes	5568.2MHz, -62.0dBm	Single burst (10/18/2011 10:05:12 AM)

Table 87 - Long Sequence Waveform Summary WU Steady State		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5563.2MHz, -62.0dBm
Trial #2	Detected	5558.2MHz, -62.0dBm
Trial #3	Detected	5553.2MHz, -62.0dBm
Trial #4	Detected	5573.2MHz, -62.0dBm
Trial #5	Detected	5568.2MHz, -62.0dBm
Trial #6	Detected	5563.2MHz, -62.0dBm
Trial #7	Detected	5558.2MHz, -62.0dBm
Trial #8	Detected	5553.2MHz, -62.0dBm
Trial #9	Detected	5573.2MHz, -62.0dBm
Trial #10	Detected	5568.2MHz, -62.0dBm
Trial #11	Detected	5563.2MHz, -62.0dBm
Trial #12	Detected	5558.2MHz, -62.0dBm
Trial #13	Detected	5553.2MHz, -62.0dBm
Trial #14	Detected	5573.2MHz, -62.0dBm
Trial #15	Detected	5568.2MHz, -62.0dBm
Trial #16	Detected	5563.2MHz, -62.0dBm
Trial #17	Detected	5558.2MHz, -62.0dBm
Trial #18	Detected	5553.2MHz, -62.0dBm
Trial #19	Detected	5573.2MHz, -62.0dBm
Trial #20	Detected	5568.2MHz, -62.0dBm
Trial #21	Detected	5563.2MHz, -62.0dBm
Trial #22	Detected	5558.2MHz, -62.0dBm
Trial #23	Detected	5553.2MHz, -62.0dBm
Trial #24	Detected	5573.2MHz, -62.0dBm
Trial #25	Detected	5568.2MHz, -62.0dBm
Trial #26	Detected	5563.2MHz, -62.0dBm
Trial #27	Detected	5558.2MHz, -62.0dBm

Table 87 - Long Sequence Waveform Summary WU Steady State		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #28	Detected	5553.2MHz, -62.0dBm
Trial #29	Detected	5573.2MHz, -62.0dBm
Trial #30	Detected	5568.2MHz, -62.0dBm

Table 88 – WU Steady State Long Sequence Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	82.2	19	1827.0	1247.0	0.721406
2	3	72.6	16	1651.0	1008.0	0.955510
3	2	79.2	15	1453.0	-	2.054410
4	2	76.9	20	1639.0	-	2.828780
5	3	92.6	14	1104.0	1190.0	3.433798
6	2	76.1	10	1292.0	-	4.576591
7	3	74.1	12	1564.0	1878.0	5.678226
8	2	59.6	6	1905.0	-	6.799748
9	2	65.2	5	1152.0	-	6.898265
10	2	71.2	6	1029.0	-	7.938885
11	2	73.5	10	1088.0	-	9.010610
12	2	68.3	13	1478.0	-	9.722432
13	2	54.1	18	1043.0	-	11.088896
14	2	97.0	20	1590.0	-	11.612600

Table 89 – WU Steady State Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	50.9	13	-	-	0.111787
2	3	77.4	5	1929.0	1301.0	0.724603
3	2	57.0	10	1604.0	-	1.905598
4	1	54.2	16	-	-	2.438909
5	1	52.7	5	-	-	3.168192
6	1	88.8	5	-	-	3.860411
7	3	80.0	20	1909.0	1187.0	4.697659
8	1	96.0	12	-	-	4.985407
9	3	55.7	17	1614.0	1418.0	5.956924
10	1	70.8	10	-	-	6.715169
11	1	96.4	19	-	-	7.142822
12	1	82.1	20	-	-	8.135421
13	1	53.4	13	-	-	8.980702
14	2	51.5	7	1757.0	-	9.658671
15	2	56.7	7	1626.0	-	10.187895
16	1	85.0	7	-	-	11.173861
17	3	97.6	6	1024.0	1095.0	11.387375

Table 90 – WU Steady State Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	60.0	9	-	-	0.096008

Table 90 – WU Steady State Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
2	1	86.6	15	-	-	0.716412
3	1	71.0	12	-	-	1.618382
4	1	97.9	15	-	-	2.359845
5	3	74.1	11	1192.0	1658.0	2.599020
6	1	92.3	17	-	-	3.697299
7	3	66.2	12	1175.0	1569.0	4.065076
8	2	89.1	17	1037.0	-	4.563063
9	1	75.1	12	-	-	5.214205
10	2	57.6	12	1614.0	-	5.834831
11	2	58.7	6	1837.0	-	6.448917
12	2	86.9	14	1662.0	-	7.061739
13	3	69.4	9	1057.0	1284.0	7.612396
14	2	50.2	13	1948.0	-	8.650571
15	2	54.8	8	1429.0	-	9.261786
16	3	55.3	18	1932.0	1031.0	9.829884
17	1	81.1	8	-	-	10.515677
18	3	82.9	16	1206.0	1159.0	11.042233
19	2	81.0	7	1505.0	-	11.943482

Table 91 – WU Steady State Long Sequence Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	82.5	10	1467.0	1980.0	0.484078
2	2	65.0	15	1516.0	-	1.106777
3	2	98.9	14	1617.0	-	2.231860
4	1	57.7	18	-	-	2.999860
5	3	62.5	16	1661.0	1964.0	3.362585
6	2	88.1	12	1511.0	-	4.104924
7	2	84.7	19	1612.0	-	4.740870
8	2	64.2	5	1319.0	-	5.903335
9	2	95.7	15	1841.0	-	6.397632
10	2	67.8	7	1570.0	-	6.762999
11	2	87.7	7	1821.0	-	7.900098
12	2	94.0	18	1052.0	-	8.947174
13	1	75.9	8	-	-	9.655832
14	2	84.0	18	1222.0	-	9.959568
15	3	94.5	8	1731.0	1114.0	11.067474
16	3	59.3	18	1974.0	1416.0	11.525744

Table 92 - WU Steady State Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	94.2	20	1855.0	1325.0	0.582725
2	2	89.3	11	1857.0	-	1.796620
3	2	90.9	6	1775.0	-	2.633588
4	3	51.1	19	1701.0	1039.0	4.084543
5	2	95.2	6	1467.0	-	4.500830
6	2	84.9	6	1205.0	-	5.753285
7	3	96.1	13	1210.0	1901.0	6.638127
8	2	97.7	11	1771.0	-	7.653912

Table 92 - WU Steady State Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
9	2	70.2	15	1529.0	-	9.575163
10	1	88.5	9	-	-	10.460458
11	2	72.5	19	1962.0	-	10.915435

Table 93 - WU Steady State Long Sequence Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	91.0	8	1727.0	-	0.527929
2	3	81.6	7	1896.0	1268.0	1.164915
3	3	94.2	11	1066.0	1568.0	1.550447
4	2	55.6	19	1081.0	-	2.527746
5	2	58.8	15	1677.0	-	3.349358
6	3	69.6	13	1501.0	1990.0	4.481441
7	3	56.1	15	1162.0	1008.0	4.899819
8	1	97.7	20	-	-	5.769451
9	1	57.4	8	-	-	6.676097
10	2	86.8	9	1203.0	-	7.130912
11	3	81.7	5	1781.0	1958.0	7.618848
12	3	72.8	5	1231.0	1088.0	8.495172
13	3	52.2	10	1557.0	1773.0	9.703678
14	2	58.6	9	1541.0	-	10.029673
15	2	52.4	10	1775.0	-	10.505325
16	2	80.8	18	1490.0	-	11.674555

Table 94 - WU Steady State Long Sequence Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	59.2	10	1523.0	1208.0	0.375383
2	2	62.0	6	1742.0	-	0.963971
3	1	64.2	7	-	-	1.983294
4	2	72.0	17	1423.0	-	3.035361
5	3	76.6	7	1674.0	1292.0	3.966565
6	1	84.8	11	-	-	4.336374
7	1	57.5	17	-	-	4.941670
8	2	56.0	18	1850.0	-	6.371332
9	2	83.1	13	1554.0	-	6.430196
10	3	92.5	11	1458.0	1745.0	7.472380
11	2	50.3	18	1839.0	-	8.163987
12	2	94.8	16	1378.0	-	9.025556
13	3	52.1	17	1542.0	1773.0	9.930605
14	2	84.4	13	1493.0	-	10.869266
15	2	79.1	19	1347.0	-	11.500410

Table 95 - WU Steady State Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	55.6	13	1221.0	-	0.345392
2	2	98.4	11	1971.0	-	1.231194
3	2	62.6	17	1151.0	-	1.599794

Table 95 - WU Steady State Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
4	3	98.6	19	1171.0	1349.0	2.683277
5	2	89.6	8	1688.0	-	3.304738
6	3	71.4	12	1861.0	1804.0	4.388819
7	2	88.2	10	1538.0	-	4.745790
8	3	88.4	17	1327.0	1256.0	5.952894
9	3	62.4	7	1834.0	1761.0	6.357333
10	1	96.9	17	-	-	7.242506
11	1	77.1	11	-	-	8.211237
12	3	67.6	19	1103.0	1806.0	8.853684
13	3	96.9	16	1556.0	1473.0	9.150647
14	2	82.5	19	1726.0	-	10.072023
15	3	98.7	10	1904.0	1696.0	10.654809
16	3	72.1	17	1578.0	1394.0	11.867505

Table 96 - WU Steady State Long Sequence Waveform Trial#9 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	78.3	19	1108.0	-	0.697459
2	2	56.4	14	1229.0	-	1.001621
3	3	90.4	13	1850.0	1995.0	1.961907
4	3	73.6	11	1959.0	1559.0	2.151003
5	3	65.0	18	1125.0	1849.0	2.949677
6	3	71.1	16	1694.0	1952.0	4.010283
7	2	74.7	20	1720.0	-	4.496697
8	2	90.2	9	1004.0	-	5.170123
9	2	86.9	14	1727.0	-	6.033680
10	2	81.4	11	1243.0	-	6.664451
11	1	92.4	7	-	-	7.200218
12	2	77.0	17	1347.0	-	8.419112
13	3	50.1	7	1750.0	1347.0	9.084293
14	2	59.9	17	1443.0	-	9.671997
15	1	90.0	20	-	-	10.030095
16	3	84.9	8	1422.0	1603.0	10.654676
17	2	90.4	15	1878.0	-	11.577808

Table 97 - WU Steady State Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	67.1	15	1701.0	1055.0	0.410173
2	2	83.8	19	1419.0	-	1.494212
3	1	59.8	8	-	-	2.427032
4	3	75.5	18	1500.0	1124.0	2.822443
5	3	78.2	5	1886.0	1612.0	4.366243
6	2	98.7	20	1212.0	-	5.007727
7	3	94.1	10	1423.0	1857.0	5.699204
8	2	71.6	12	1587.0	-	6.955983
9	2	71.9	12	1017.0	-	7.431037
10	1	84.2	18	-	-	9.093135
11	3	71.0	10	1715.0	1103.0	9.379125
12	2	88.4	11	1372.0	-	10.676985

Table 97 - WU Steady State Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
13	3	80.9	17	1492.0	1894.0	11.539396

Table 98 - WU Steady State Long Sequence Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	91.9	16	-	-	0.560150
2	2	54.2	9	1655.0	-	1.396631
3	3	97.2	12	1705.0	1489.0	2.343290
4	2	97.6	16	1379.0	-	3.795001
5	2	80.4	7	1354.0	-	4.601294
6	2	87.7	9	1688.0	-	5.842198
7	1	62.5	7	-	-	6.788354
8	3	79.1	15	1696.0	1535.0	7.037108
9	2	86.1	19	1364.0	-	8.978856
10	3	96.2	14	1366.0	1122.0	9.246557
11	1	92.6	16	-	-	10.042005
12	3	72.4	10	1351.0	1879.0	11.668519

Table 99 - WU Steady State Long Sequence Waveform Trial#12 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	90.8	7	1863.0	-	0.445061
2	2	70.1	20	1542.0	-	1.452367
3	2	96.6	15	1560.0	-	2.156136
4	3	51.2	17	1415.0	1835.0	3.028020
5	2	51.2	10	1423.0	-	3.212885
6	2	80.0	11	1292.0	-	4.741287
7	3	58.4	8	1536.0	1865.0	4.951429
8	2	55.7	18	1901.0	-	5.657570
9	3	61.8	19	1592.0	1676.0	6.605701
10	1	61.8	13	-	-	7.595505
11	3	56.2	6	1498.0	1238.0	8.165353
12	2	76.7	6	1978.0	-	9.154195
13	1	58.7	11	-	-	10.024468
14	2	65.5	19	1015.0	-	10.632380
15	3	58.6	8	1703.0	1029.0	11.992372

Table 100 - WU Steady State Long Sequence Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	68.9	9	1401.0	-	0.832838
2	2	77.8	18	1271.0	-	1.311357
3	3	89.9	17	1353.0	1256.0	2.290227
4	1	56.7	16	-	-	3.833973
5	2	66.4	7	1319.0	-	4.034331
6	2	61.2	12	1709.0	-	5.775331
7	2	68.0	11	1970.0	-	6.192001
8	2	95.1	7	1783.0	-	7.762852
9	1	68.8	12	-	-	8.676387

Table 100 - WU Steady State Long Sequence Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
10	2	92.5	18	1360.0	-	9.248299
11	2	66.5	6	1968.0	-	10.067164
12	2	64.0	17	1157.0	-	11.560234

Table 101 - WU Steady State Long Sequence Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	50.5	13	-	-	0.108821
2	3	54.5	11	1395.0	1169.0	1.672673
3	2	54.9	6	1109.0	-	1.999032
4	3	55.9	14	1028.0	1582.0	2.610856
5	1	70.1	9	-	-	3.978212
6	2	83.0	15	1334.0	-	5.020383
7	2	51.8	14	1202.0	-	5.187889
8	2	97.1	12	1904.0	-	6.191405
9	2	67.2	19	1605.0	-	7.297907
10	2	67.6	15	1646.0	-	7.945058
11	2	61.1	20	1831.0	-	8.706144
12	2	92.5	13	1495.0	-	9.811849
13	3	72.9	11	1779.0	1074.0	10.477150
14	3	97.3	16	1108.0	1909.0	11.534169

Table 102 - WU Steady State Long Sequence Waveform Trial#15 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	72.9	14	1336.0	1586.0	0.260671
2	3	98.7	11	1639.0	1475.0	1.261894
3	2	55.6	8	1824.0	-	1.691265
4	2	59.1	14	1446.0	-	2.132613
5	1	60.6	19	-	-	3.309459
6	2	57.4	12	1480.0	-	3.681894
7	3	56.4	19	1515.0	1507.0	4.595533
8	1	60.4	9	-	-	5.270483
9	2	64.5	15	1263.0	-	5.508860
10	2	73.0	13	1962.0	-	6.422198
11	1	58.1	16	-	-	7.173120
12	1	97.0	15	-	-	7.450400
13	2	60.3	7	1278.0	-	8.332995
14	1	99.4	16	-	-	8.863517
15	2	76.3	16	1364.0	-	9.598035
16	1	88.7	10	-	-	10.494869
17	1	79.6	12	-	-	11.305071
18	1	76.1	14	-	-	11.708680

Table 103 - WU Steady State Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	91.4	13	1810.0	1050.0	0.875386
2	2	52.4	6	1005.0	-	2.446261

Table 103 - WU Steady State Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
3	2	74.8	9	1722.0	-	2.972244
4	2	78.1	7	1689.0	-	4.567377
5	3	94.2	12	1177.0	1754.0	6.025308
6	3	51.9	6	1475.0	1503.0	7.097272
7	1	94.0	18	-	-	8.803651
8	2	99.8	10	1309.0	-	9.915702
9	1	50.3	12	-	-	11.440713

Table 104 - WU Steady State Long Sequence Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	90.1	6	1203.0	-	0.768022
2	2	60.0	20	1105.0	-	1.807837
3	2	74.9	11	1296.0	-	2.674001
4	2	66.6	12	1247.0	-	3.847645
5	3	77.8	19	1756.0	1080.0	4.859363
6	3	66.4	13	1655.0	1936.0	5.145256
7	1	95.6	13	-	-	6.797237
8	1	62.6	12	-	-	7.310007
9	3	93.3	19	1518.0	1465.0	8.087005
10	3	80.4	9	1993.0	1478.0	9.242996
11	2	89.1	10	1383.0	-	10.285259
12	3	66.5	9	1286.0	1971.0	11.317338

Table 105 - WU Steady State Long Sequence Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	94.7	10	1090.0	1870.0	0.500029
2	1	92.1	7	-	-	1.677051
3	1	89.6	8	-	-	1.739850
4	2	66.2	18	1986.0	-	3.263976
5	1	62.4	7	-	-	3.864378
6	3	68.7	16	1371.0	1062.0	4.925535
7	2	88.3	12	1274.0	-	5.312319
8	2	98.2	12	1302.0	-	6.610740
9	3	66.9	13	1404.0	1450.0	7.316396
10	3	54.8	14	1797.0	1747.0	8.539327
11	1	57.0	20	-	-	8.770978
12	3	50.3	19	1560.0	1378.0	9.461251
13	2	60.5	17	1705.0	-	11.117877
14	2	54.1	10	1967.0	-	11.875259

Table 106 - WU Steady State Long Sequence Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	51.0	17	1023.0	-	0.272944
2	2	89.2	7	1980.0	-	1.940062
3	3	88.9	5	1167.0	1916.0	2.469999
4	3	88.8	12	1644.0	1609.0	4.538481

Table 106 - WU Steady State Long Sequence Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
5	3	52.6	8	1809.0	1117.0	5.489425
6	1	84.0	6	-	-	6.035457
7	2	90.7	10	1816.0	-	7.343737
8	1	57.5	6	-	-	8.478532
9	2	83.0	5	1260.0	-	10.169586
10	2	81.6	12	1609.0	-	11.474315

Table 107 - WU Steady State Long Sequence Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	70.1	5	1588.0	-	0.247190
2	1	72.3	19	-	-	1.249202
3	1	79.8	15	-	-	2.434615
4	2	77.0	14	1895.0	-	3.129130
5	2	91.2	12	1691.0	-	4.151738
6	1	67.2	7	-	-	5.076865
7	1	58.2	9	-	-	6.113566
8	2	71.1	12	1402.0	-	7.311286
9	2	78.6	11	1365.0	-	8.287475
10	2	95.5	11	1823.0	-	9.502866
11	2	73.7	19	1422.0	-	10.716288
12	2	58.0	14	1340.0	-	11.264868

Table 108 - WU Steady State Long Sequence Waveform Trial#21 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	84.3	8	1146.0	-	0.213867
2	2	75.5	19	1896.0	-	2.087513
3	2	78.8	19	1024.0	-	2.683323
4	1	87.2	6	-	-	4.226605
5	2	50.4	6	1886.0	-	4.835241
6	1	72.1	11	-	-	6.510610
7	2	91.3	7	1668.0	-	7.125225
8	3	65.9	17	1513.0	1012.0	7.889137
9	2	74.7	19	1351.0	-	9.729950
10	3	70.6	19	1727.0	1261.0	10.162699
11	1	85.1	6	-	-	11.507380

Table 109 - WU Steady State Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	63.0	7	1079.0	1653.0	0.354860
2	1	53.9	12	-	-	0.911696
3	3	74.6	6	1178.0	1778.0	1.534117
4	3	92.3	10	1272.0	1320.0	2.587522
5	1	82.9	15	-	-	2.851752
6	1	87.4	16	-	-	3.798021
7	2	69.0	15	1300.0	-	4.669408
8	2	57.4	13	1210.0	-	5.640533

Table 109 - WU Steady State Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
9	1	55.6	19	-	-	5.813114
10	2	81.4	19	1062.0	-	6.744720
11	2	66.4	13	1591.0	-	7.705259
12	2	61.6	11	1520.0	-	8.273865
13	3	94.1	17	1054.0	1299.0	8.695624
14	3	57.4	9	1683.0	1077.0	9.207227
15	1	81.6	13	-	-	10.254247
16	1	62.8	12	-	-	11.097949
17	2	92.7	6	1022.0	-	11.725709

Table 110 - WU Steady State Long Sequence Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	96.1	15	1256.0	-	0.300650
2	3	69.8	16	1333.0	1175.0	0.757195
3	3	56.1	6	1026.0	1679.0	1.362377
4	3	53.5	7	1575.0	1715.0	1.898261
5	2	69.8	11	1345.0	-	2.663761
6	2	71.2	6	1517.0	-	3.648522
7	3	61.8	8	1793.0	1872.0	3.795953
8	1	53.0	12	-	-	4.747998
9	2	93.2	8	1430.0	-	5.681740
10	1	65.8	8	-	-	5.968832
11	3	95.5	5	1786.0	1271.0	6.805544
12	2	99.8	7	1682.0	-	6.982399
13	2	72.5	18	1704.0	-	7.658794
14	1	68.2	17	-	-	8.827940
15	3	52.5	11	1967.0	1529.0	9.097222
16	2	64.0	5	1333.0	-	9.604219
17	2	99.1	8	1518.0	-	10.160540
18	1	63.0	12	-	-	11.052855
19	3	58.3	10	1960.0	1713.0	11.550130

Table 111 - WU Steady State Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	85.3	17	1921.0	-	0.465754
2	1	76.4	20	-	-	1.551873
3	1	63.4	8	-	-	2.585150
4	3	64.0	17	1495.0	1743.0	4.158554
5	3	78.2	7	1947.0	1463.0	5.276437
6	3	97.8	20	1155.0	1846.0	6.191314
7	1	86.8	18	-	-	6.899331
8	3	92.4	8	1467.0	1517.0	8.215615
9	3	63.2	10	1960.0	1773.0	9.348730
10	2	93.9	16	1474.0	-	9.912531
11	3	52.1	8	1263.0	1713.0	11.405874

Table 112 - WU Steady State Long Sequence Waveform Trial#25 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	85.1	9	-	-	0.571100
2	2	69.7	17	1191.0	-	1.504112
3	2	99.6	20	1728.0	-	3.200744
4	3	95.6	18	1424.0	1695.0	4.721226
5	2	93.8	13	1737.0	-	6.301401
6	2	88.1	20	1659.0	-	7.422234
7	2	70.9	14	1040.0	-	8.518298
8	2	55.0	12	1285.0	-	10.342853
9	3	72.3	15	1843.0	1188.0	11.573149

Table 113 - WU Steady State Long Sequence Waveform Trial#26 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	63.8	12	1698.0	1910.0	0.053408
2	2	59.6	15	1904.0	-	0.682467
3	1	59.4	17	-	-	1.417829
4	1	78.7	10	-	-	2.655984
5	1	79.9	6	-	-	3.159093
6	3	56.7	16	1126.0	1132.0	3.927531
7	2	91.7	18	1582.0	-	4.132586
8	2	64.9	16	1651.0	-	4.744206
9	3	66.4	8	1416.0	1750.0	5.567605
10	3	99.1	18	1378.0	1965.0	6.194820
11	3	99.1	19	1478.0	1037.0	6.701129
12	2	80.8	17	1645.0	-	7.470723
13	2	65.2	18	1748.0	-	8.104916
14	1	50.0	14	-	-	8.726048
15	1	98.6	20	-	-	9.580174
16	1	99.6	11	-	-	10.045023
17	2	94.4	16	1295.0	-	11.197430
18	1	82.4	10	-	-	11.889366

Table 114 - WU Steady State Long Sequence Waveform Trial#27 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	85.6	19	-	-	0.667601
2	3	88.9	16	1882.0	1441.0	1.103094
3	3	71.9	16	1407.0	1952.0	1.788379
4	1	58.4	16	-	-	2.600979
5	3	57.7	12	1097.0	1314.0	3.494257
6	2	99.1	9	1136.0	-	3.607699
7	2	89.8	13	1540.0	-	4.429733
8	2	83.2	14	1839.0	-	5.228489
9	1	51.8	15	-	-	5.685137
10	3	94.6	18	1625.0	1454.0	6.377786
11	2	65.9	19	1283.0	-	7.605543
12	3	98.1	10	1751.0	1593.0	8.128557
13	1	65.4	11	-	-	8.806401
14	3	70.9	18	1248.0	1566.0	9.420729
15	2	64.3	6	1538.0	-	10.352286
16	2	73.2	13	1981.0	-	10.945979
17	2	91.5	11	1131.0	-	11.861514

Table 115 - WU Steady State Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	75.7	10	-	-	0.042630
2	1	91.0	8	-	-	0.961417
3	2	72.6	5	1502.0	-	2.114884
4	3	70.7	18	1131.0	1840.0	3.523330
5	1	60.0	5	-	-	3.718618
6	2	66.3	8	1443.0	-	4.954461
7	2	58.9	18	1963.0	-	5.771908
8	2	87.1	18	1288.0	-	6.750297
9	3	79.2	10	1311.0	1801.0	7.780427
10	2	67.2	16	1895.0	-	8.736620
11	2	60.4	15	1338.0	-	10.052948
12	1	64.5	15	-	-	10.469709
13	1	81.2	14	-	-	11.816470

Table 116 - WU Steady State Long Sequence Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	85.0	9	-	-	0.490417
2	2	73.7	17	1435.0	-	1.085241
3	1	97.3	11	-	-	1.433622
4	3	94.8	8	1108.0	1746.0	2.261176
5	2	86.0	7	1985.0	-	2.878606
6	2	80.5	8	1688.0	-	3.390427
7	2	94.3	10	1839.0	-	4.135762
8	3	82.7	18	1157.0	1976.0	4.898284
9	2	98.5	17	1484.0	-	5.494776
10	3	88.8	20	1816.0	1327.0	5.947513
11	2	66.2	16	1988.0	-	6.727408
12	3	67.6	10	1009.0	1232.0	7.538316
13	3	83.4	18	1764.0	1071.0	7.923320
14	2	61.0	11	1405.0	-	8.272340
15	2	58.2	15	1111.0	-	9.410990
16	2	79.9	5	1124.0	-	9.857251
17	1	82.7	14	-	-	10.352602
18	3	97.4	17	1193.0	1659.0	11.256228
19	2	77.2	13	1754.0	-	11.874861

Table 117 - WU Steady State Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	90.1	15	1632.0	-	0.714761
2	3	67.6	6	1013.0	1976.0	2.436457
3	3	50.8	17	1260.0	1671.0	3.932728
4	2	87.6	17	1656.0	-	4.160209
5	1	51.5	18	-	-	6.617785
6	2	65.2	5	1152.0	-	7.404838
7	1	98.7	10	-	-	9.331566
8	2	51.6	19	1948.0	-	10.519389
9	3	63.9	11	1924.0	1478.0	11.111587

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5578.2MHz, -62.0dBm	Hop sequence: 5653, 5567, 5372, 5281, 5554, 5317, 5671, 5600, 5559, 5292, 5574, 5726, 5538, 5251, 5264, 5581, 5388, 5445, 5398, 5482, 5444, 5681, 5369, 5404, 5306, 5696, 5612, 5579, 5674, 5332, 5287, 5299, 5439, 5494, 5280, 5338, 5366, 5560, 5614, 5308, 5639, 5510, 5454, 5307, 5413, 5447, 5285, 5304, 5618, 5363, 5546, 5638, 5479, 5562, 5330, 5708, 5426, 5478, 5667, 5578, 5706, 5717, 5428, 5572, 5532, 5397, 5395, 5468, 5501, 5598, 5262, 5412, 5495, 5365, 5625, 5438, 5597, 5547, 5453, 5384, 5331, 5327, 5539, 5722, 5633, 5284, 5516, 5268, 5647, 5436, 5511, 5657, 5577, 5514, 5534, 5352, 5290, 5383, 5568, 5499 (12 hits) (10/18/2011 10:13:38 AM)
2	9	1.0	333.0	Yes	5579.2MHz, -62.0dBm	Hop sequence: 5379, 5592, 5598, 5399, 5460, 5255, 5574, 5464, 5713, 5699, 5621, 5414, 5446, 5533, 5700, 5321, 5550, 5434, 5444, 5706, 5471, 5652, 5407, 5655, 5472, 5401, 5268, 5585, 5432, 5418, 5445, 5395, 5654, 5518, 5577, 5435, 5626, 5628, 5351, 5392, 5653, 5671, 5474, 5715, 5725, 5656, 5481, 5573, 5605, 5315, 5423, 5567, 5492, 5382, 5551, 5278, 5689, 5482, 5307, 5284, 5330, 5413, 5524, 5405, 5695, 5462, 5631, 5389, 5353, 5461, 5368, 5611, 5397, 5381, 5470, 5452, 5349, 5617, 5643, 5489, 5378, 5385, 5357, 5718, 5367, 5633, 5520, 5261, 5345, 5439, 5373, 5282, 5645, 5526, 5500, 5594, 5426, 5459, 5511, 5473 (6 hits) (10/18/2011 10:13:47 AM)
3	9	1.0	333.0	Yes	5546.2MHz, -62.0dBm	Hop sequence: 5256, 5386, 5665, 5588, 5314, 5433, 5353, 5260, 5350, 5296, 5375, 5635, 5507, 5577, 5420, 5469, 5541, 5713, 5673, 5531, 5694, 5317, 5376, 5690, 5377, 5489, 5352, 5544, 5718, 5387, 5559, 5584, 5265, 5401, 5472, 5595, 5297, 5639, 5558, 5679, 5625, 5535, 5703, 5649, 5301, 5473, 5345, 5399,

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5578, 5482, 5612, 5542, 5501, 5634, 5478, 5611, 5326, 5411, 5506, 5303, 5269, 5575, 5549, 5417, 5586, 5485, 5356, 5699, 5379, 5363, 5305, 5704, 5274, 5504, 5448, 5580, 5518, 5442, 5546, 5714, 5304, 5671, 5661, 5403, 5556, 5414, 5682, 5311, 5337, 5419, 5574, 5355, 5652, 5567, 5346, 5397, 5587, 5522, 5427, 5470 (9 hits) (10/18/2011 10:13:56 AM)
4	9	1.0	333.0	Yes	5547.2MHz, -62.0dBm	Hop sequence: 5689, 5690, 5514, 5651, 5334, 5404, 5607, 5568, 5276, 5709, 5569, 5553, 5378, 5281, 5455, 5723, 5635, 5552, 5508, 5388, 5630, 5554, 5614, 5351, 5265, 5423, 5299, 5256, 5325, 5643, 5350, 5523, 5609, 5322, 5612, 5511, 5431, 5415, 5390, 5701, 5373, 5330, 5623, 5279, 5382, 5655, 5312, 5436, 5507, 5636, 5526, 5563, 5615, 5259, 5282, 5637, 5364, 5420, 5546, 5697, 5693, 5449, 5452, 5677, 5336, 5293, 5264, 5354, 5538, 5381, 5673, 5722, 5408, 5263, 5438, 5426, 5522, 5680, 5653, 5460, 5262, 5549, 5466, 5301, 5472, 5670, 5360, 5641, 5560, 5261, 5451, 5640, 5695, 5616, 5464, 5692, 5291, 5481, 5270, 5588 (8 hits) (10/18/2011 10:14:05 AM)
5	9	1.0	333.0	Yes	5548.2MHz, -62.0dBm	Hop sequence: 5469, 5514, 5426, 5407, 5283, 5527, 5459, 5313, 5274, 5429, 5692, 5281, 5522, 5518, 5665, 5659, 5671, 5463, 5502, 5497, 5503, 5613, 5319, 5542, 5473, 5565, 5484, 5406, 5439, 5660, 5603, 5448, 5707, 5322, 5357, 5301, 5515, 5264, 5487, 5462, 5710, 5321, 5362, 5599, 5722, 5400, 5689, 5679, 5535, 5605, 5389, 5549, 5467, 5540, 5576, 5651, 5596, 5326, 5573, 5557, 5339, 5630, 5320, 5691, 5412, 5558, 5285, 5672, 5699, 5500, 5369, 5279, 5507, 5310, 5693, 5623, 5492, 5355, 5704, 5470, 5575, 5471, 5719, 5447, 5607, 5294, 5391, 5656, 5422, 5587, 5531, 5441, 5717, 5595, 5318, 5385, 5359, 5606, 5501, 5570 (8 hits) (10/18/2011

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						10:14:12 AM)
6	9	1.0	333.0	Yes	5549.2MHz, -62.0dBm	Hop sequence: 5609, 5455, 5309, 5633, 5366, 5615, 5345, 5255, 5641, 5381, 5390, 5417, 5537, 5477, 5693, 5419, 5715, 5524, 5376, 5424, 5501, 5432, 5433, 5584, 5318, 5267, 5314, 5545, 5709, 5266, 5414, 5422, 5367, 5666, 5668, 5481, 5427, 5544, 5289, 5341, 5659, 5411, 5293, 5447, 5644, 5401, 5374, 5344, 5554, 5660, 5264, 5534, 5632, 5338, 5306, 5360, 5363, 5434, 5612, 5614, 5370, 5326, 5463, 5562, 5532, 5574, 5506, 5569, 5323, 5438, 5328, 5567, 5448, 5542, 5297, 5547, 5716, 5272, 5598, 5488, 5655, 5640, 5538, 5303, 5408, 5702, 5368, 5669, 5624, 5718, 5485, 5546, 5677, 5651, 5484, 5664, 5286, 5698, 5406, 5498 (6 hits) (10/18/2011 10:14:19 AM)
7	9	1.0	333.0	Yes	5550.2MHz, -62.0dBm	Hop sequence: 5293, 5413, 5412, 5280, 5702, 5455, 5299, 5369, 5653, 5265, 5690, 5514, 5308, 5668, 5450, 5546, 5281, 5334, 5493, 5446, 5453, 5609, 5639, 5555, 5666, 5561, 5673, 5644, 5527, 5396, 5576, 5647, 5502, 5381, 5382, 5279, 5622, 5549, 5692, 5319, 5603, 5568, 5283, 5695, 5257, 5305, 5253, 5581, 5447, 5564, 5406, 5336, 5631, 5706, 5687, 5504, 5593, 5258, 5288, 5559, 5426, 5468, 5597, 5538, 5660, 5679, 5632, 5389, 5599, 5612, 5449, 5634, 5723, 5656, 5698, 5394, 5719, 5286, 5331, 5438, 5688, 5423, 5409, 5560, 5442, 5569, 5414, 5428, 5724, 5701, 5682, 5480, 5298, 5497, 5648, 5335, 5681, 5300, 5315, 5552 (10 hits) (10/18/2011 10:14:28 AM)
8	9	1.0	333.0	Yes	5551.2MHz, -62.0dBm	Hop sequence: 5277, 5415, 5715, 5400, 5323, 5362, 5263, 5274, 5659, 5687, 5609, 5654, 5434, 5658, 5691, 5412, 5678, 5597, 5303, 5368, 5656, 5511, 5394, 5374, 5707, 5398, 5567, 5273, 5709, 5513, 5600, 5697, 5636, 5516, 5693, 5310, 5608, 5254, 5543, 5388, 5641, 5617, 5282, 5255, 5429, 5386, 5605, 5359,

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5453, 5279, 5316, 5661, 5525, 5648, 5326, 5262, 5454, 5408, 5558, 5572, 5704, 5580, 5643, 5666, 5496, 5432, 5626, 5502, 5524, 5725, 5581, 5287, 5718, 5712, 5530, 5339, 5364, 5561, 5381, 5269, 5630, 5577, 5266, 5676, 5425, 5370, 5334, 5583, 5336, 5576, 5418, 5637, 5686, 5367, 5399, 5621, 5342, 5449, 5606, 5396 (6 hits) (10/18/2011 10:14:36 AM)
9	9	1.0	333.0	Yes	5552.2MHz, -62.0dBm	Hop sequence: 5432, 5677, 5663, 5530, 5318, 5328, 5506, 5315, 5568, 5418, 5714, 5726, 5287, 5597, 5721, 5340, 5655, 5410, 5263, 5667, 5505, 5251, 5614, 5373, 5420, 5537, 5459, 5303, 5518, 5416, 5500, 5717, 5587, 5335, 5389, 5393, 5338, 5695, 5515, 5536, 5434, 5400, 5645, 5585, 5358, 5332, 5313, 5595, 5347, 5635, 5365, 5284, 5697, 5364, 5708, 5283, 5278, 5439, 5593, 5323, 5415, 5662, 5497, 5579, 5379, 5297, 5715, 5258, 5612, 5261, 5576, 5490, 5543, 5357, 5718, 5324, 5512, 5292, 5723, 5619, 5483, 5372, 5274, 5281, 5692, 5311, 5409, 5648, 5531, 5509, 5552, 5675, 5637, 5390, 5680, 5370, 5679, 5594, 5322, 5493 (4 hits) (10/18/2011 10:14:43 AM)
10	9	1.0	333.0	Yes	5553.2MHz, -62.0dBm	Hop sequence: 5373, 5319, 5431, 5720, 5645, 5483, 5569, 5455, 5625, 5689, 5646, 5408, 5627, 5381, 5392, 5415, 5380, 5704, 5356, 5699, 5574, 5335, 5680, 5340, 5688, 5666, 5590, 5664, 5274, 5321, 5283, 5486, 5516, 5255, 5437, 5610, 5313, 5667, 5582, 5654, 5349, 5418, 5488, 5587, 5533, 5600, 5507, 5419, 5585, 5492, 5502, 5604, 5386, 5642, 5555, 5599, 5676, 5717, 5612, 5350, 5460, 5383, 5708, 5329, 5552, 5366, 5365, 5660, 5647, 5409, 5312, 5548, 5563, 5528, 5297, 5580, 5588, 5672, 5269, 5265, 5404, 5668, 5440, 5441, 5493, 5583, 5537, 5344, 5484, 5351, 5412, 5725, 5565, 5696, 5469, 5301, 5687, 5494, 5487, 5542 (7 hits) (10/18/2011

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						10:14:53 AM)
11	9	1.0	333.0	Yes	5554.2MHz, -62.0dBm	Hop sequence: 5638, 5251, 5622, 5545, 5675, 5447, 5653, 5344, 5662, 5576, 5364, 5510, 5719, 5723, 5297, 5614, 5616, 5490, 5444, 5436, 5636, 5588, 5265, 5691, 5374, 5267, 5689, 5648, 5557, 5382, 5299, 5466, 5367, 5465, 5626, 5577, 5595, 5718, 5666, 5469, 5342, 5403, 5418, 5583, 5634, 5441, 5335, 5328, 5555, 5685, 5309, 5523, 5371, 5277, 5538, 5446, 5611, 5269, 5586, 5656, 5322, 5325, 5684, 5699, 5414, 5573, 5361, 5535, 5408, 5579, 5332, 5256, 5324, 5491, 5259, 5353, 5713, 5504, 5529, 5477, 5341, 5532, 5566, 5274, 5556, 5388, 5627, 5406, 5607, 5417, 5394, 5306, 5439, 5672, 5338, 5639, 5486, 5574, 5452, 5568 (10 hits) (10/18/2011 10:15:01 AM)
12	9	1.0	333.0	Yes	5555.2MHz, -62.0dBm	Hop sequence: 5556, 5358, 5655, 5598, 5692, 5251, 5584, 5611, 5381, 5602, 5354, 5465, 5608, 5629, 5348, 5404, 5621, 5514, 5711, 5374, 5485, 5689, 5691, 5303, 5500, 5438, 5673, 5613, 5463, 5403, 5579, 5278, 5517, 5600, 5288, 5390, 5549, 5505, 5682, 5590, 5490, 5476, 5308, 5576, 5630, 5393, 5623, 5509, 5359, 5262, 5343, 5484, 5458, 5639, 5524, 5650, 5317, 5428, 5696, 5486, 5361, 5255, 5635, 5325, 5488, 5300, 5496, 5398, 5424, 5407, 5712, 5326, 5664, 5447, 5406, 5349, 5397, 5531, 5472, 5276, 5535, 5384, 5640, 5413, 5489, 5519, 5558, 5469, 5470, 5443, 5560, 5331, 5533, 5645, 5693, 5391, 5328, 5581, 5636, 5491 (6 hits) (10/18/2011 10:15:08 AM)
13	9	1.0	333.0	Yes	5556.2MHz, -62.0dBm	Hop sequence: 5433, 5324, 5535, 5666, 5613, 5252, 5696, 5701, 5607, 5397, 5501, 5281, 5678, 5537, 5436, 5303, 5356, 5454, 5541, 5699, 5390, 5457, 5360, 5533, 5370, 5583, 5620, 5328, 5532, 5667, 5466, 5313, 5595, 5491, 5656, 5388, 5592, 5668, 5442, 5262, 5410, 5637, 5258, 5635, 5498, 5462, 5640, 5685,

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5413, 5603, 5647, 5479, 5617, 5596, 5703, 5335, 5624, 5642, 5300, 5344, 5486, 5339, 5559, 5290, 5411, 5663, 5488, 5347, 5526, 5626, 5648, 5543, 5581, 5365, 5418, 5346, 5387, 5475, 5271, 5542, 5564, 5697, 5638, 5661, 5495, 5320, 5469, 5525, 5588, 5512, 5723, 5389, 5265, 5323, 5381, 5343, 5499, 5531, 5492, 5293 (2 hits) (10/18/2011 10:15:18 AM)
14	9	1.0	333.0	Yes	5557.2MHz, -62.0dBm	Hop sequence: 5256, 5258, 5453, 5641, 5522, 5363, 5723, 5390, 5561, 5340, 5530, 5332, 5364, 5303, 5598, 5652, 5316, 5380, 5484, 5471, 5599, 5286, 5462, 5322, 5420, 5429, 5717, 5444, 5529, 5560, 5606, 5438, 5311, 5306, 5534, 5590, 5535, 5589, 5489, 5698, 5504, 5422, 5721, 5568, 5619, 5310, 5653, 5579, 5452, 5688, 5272, 5315, 5704, 5557, 5605, 5448, 5591, 5507, 5388, 5689, 5543, 5542, 5369, 5450, 5386, 5442, 5352, 5284, 5623, 5410, 5446, 5608, 5531, 5370, 5393, 5326, 5387, 5569, 5694, 5493, 5683, 5684, 5404, 5464, 5328, 5359, 5323, 5566, 5554, 5618, 5649, 5586, 5480, 5620, 5305, 5578, 5614, 5526, 5356, 5665 (9 hits) (10/18/2011 10:15:27 AM)
15	9	1.0	333.0	Yes	5558.2MHz, -62.0dBm	Hop sequence: 5439, 5586, 5557, 5673, 5443, 5713, 5321, 5399, 5511, 5278, 5563, 5312, 5294, 5382, 5601, 5624, 5652, 5377, 5357, 5394, 5326, 5275, 5535, 5388, 5669, 5559, 5319, 5346, 5350, 5263, 5452, 5589, 5592, 5384, 5515, 5635, 5454, 5371, 5485, 5584, 5531, 5322, 5513, 5698, 5438, 5620, 5368, 5422, 5276, 5617, 5681, 5641, 5532, 5696, 5450, 5628, 5455, 5270, 5508, 5706, 5362, 5317, 5420, 5288, 5325, 5367, 5715, 5261, 5380, 5716, 5580, 5323, 5682, 5309, 5488, 5671, 5552, 5336, 5530, 5704, 5457, 5492, 5585, 5345, 5405, 5408, 5378, 5523, 5599, 5543, 5658, 5553, 5308, 5618, 5497, 5662, 5424, 5702, 5566, 5723 (6 hits) (10/18/2011

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						10:15:34 AM)
16	9	1.0	333.0	Yes	5559.2MHz, -62.0dBm	Hop sequence: 5519, 5658, 5508, 5561, 5468, 5321, 5653, 5369, 5288, 5276, 5675, 5572, 5432, 5680, 5486, 5617, 5708, 5442, 5493, 5562, 5608, 5332, 5343, 5367, 5684, 5335, 5388, 5700, 5699, 5314, 5578, 5339, 5710, 5302, 5698, 5694, 5387, 5491, 5305, 5679, 5559, 5687, 5629, 5640, 5340, 5355, 5380, 5282, 5317, 5512, 5289, 5711, 5292, 5454, 5294, 5426, 5570, 5255, 5648, 5251, 5391, 5445, 5460, 5649, 5268, 5309, 5348, 5574, 5352, 5418, 5342, 5382, 5417, 5325, 5374, 5408, 5724, 5427, 5494, 5404, 5681, 5696, 5489, 5337, 5470, 5513, 5444, 5665, 5424, 5361, 5499, 5647, 5639, 5345, 5692, 5458, 5263, 5588, 5590, 5265 (7 hits) (10/18/2011 10:15:42 AM)
17	9	1.0	333.0	Yes	5560.2MHz, -62.0dBm	Hop sequence: 5323, 5449, 5552, 5275, 5473, 5510, 5411, 5706, 5273, 5614, 5467, 5525, 5286, 5725, 5643, 5254, 5707, 5724, 5282, 5671, 5471, 5428, 5292, 5381, 5709, 5325, 5617, 5577, 5672, 5350, 5261, 5516, 5632, 5266, 5421, 5284, 5545, 5456, 5476, 5287, 5699, 5295, 5480, 5393, 5398, 5302, 5559, 5458, 5255, 5561, 5307, 5680, 5677, 5505, 5330, 5422, 5713, 5317, 5502, 5400, 5297, 5669, 5462, 5304, 5260, 5550, 5640, 5722, 5597, 5666, 5498, 5647, 5726, 5356, 5447, 5656, 5375, 5382, 5688, 5716, 5602, 5331, 5628, 5517, 5327, 5402, 5714, 5585, 5590, 5395, 5391, 5719, 5568, 5527, 5683, 5721, 5410, 5274, 5694, 5432 (6 hits) (10/18/2011 10:15:50 AM)
18	9	1.0	333.0	Yes	5561.2MHz, -62.0dBm	Hop sequence: 5428, 5668, 5294, 5320, 5303, 5487, 5402, 5367, 5440, 5696, 5433, 5375, 5604, 5318, 5345, 5561, 5564, 5527, 5588, 5356, 5445, 5723, 5492, 5647, 5513, 5519, 5701, 5474, 5404, 5524, 5629, 5416, 5286, 5554, 5525, 5271, 5590, 5454, 5456, 5658, 5299, 5434, 5496, 5281, 5537, 5260, 5660, 5477,

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5609, 5354, 5337, 5628, 5638, 5681, 5383, 5708, 5489, 5559, 5598, 5306, 5643, 5466, 5648, 5490, 5688, 5353, 5405, 5378, 5365, 5553, 5627, 5713, 5573, 5620, 5695, 5258, 5646, 5690, 5376, 5641, 5314, 5512, 5316, 5336, 5370, 5594, 5469, 5276, 5485, 5589, 5494, 5644, 5388, 5624, 5409, 5670, 5583, 5279, 5455, 5653 (6 hits) (10/18/2011 10:15:57 AM)
19	9	1.0	333.0	Yes	5562.2MHz, -62.0dBm	Hop sequence: 5667, 5645, 5350, 5550, 5429, 5347, 5641, 5281, 5723, 5458, 5291, 5404, 5557, 5633, 5663, 5621, 5673, 5461, 5652, 5521, 5610, 5583, 5442, 5571, 5711, 5708, 5302, 5479, 5714, 5270, 5613, 5318, 5670, 5297, 5465, 5519, 5390, 5516, 5488, 5553, 5675, 5694, 5639, 5391, 5314, 5649, 5327, 5313, 5695, 5329, 5683, 5665, 5424, 5588, 5590, 5637, 5469, 5510, 5539, 5371, 5669, 5569, 5654, 5512, 5696, 5523, 5520, 5470, 5413, 5480, 5305, 5300, 5430, 5333, 5664, 5452, 5499, 5691, 5631, 5636, 5464, 5558, 5330, 5349, 5718, 5685, 5505, 5567, 5262, 5426, 5339, 5629, 5686, 5419, 5522, 5503, 5511, 5416, 5541, 5320 (7 hits) (10/18/2011 10:16:07 AM)
20	9	1.0	333.0	Yes	5563.2MHz, -62.0dBm	Hop sequence: 5508, 5670, 5534, 5479, 5552, 5336, 5360, 5281, 5582, 5316, 5444, 5605, 5572, 5632, 5414, 5589, 5601, 5373, 5279, 5710, 5664, 5497, 5542, 5578, 5713, 5384, 5591, 5460, 5492, 5297, 5524, 5326, 5543, 5413, 5377, 5313, 5536, 5659, 5690, 5381, 5322, 5290, 5448, 5636, 5549, 5553, 5253, 5257, 5488, 5529, 5334, 5449, 5376, 5590, 5472, 5657, 5353, 5306, 5694, 5329, 5525, 5385, 5575, 5600, 5447, 5359, 5451, 5522, 5252, 5658, 5363, 5304, 5631, 5468, 5595, 5432, 5490, 5665, 5436, 5630, 5320, 5705, 5555, 5273, 5608, 5435, 5369, 5379, 5617, 5567, 5476, 5540, 5298, 5691, 5721, 5634, 5514, 5663, 5335, 5407 (8 hits) (10/18/2011

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						10:16:14 AM)
21	9	1.0	333.0	Yes	5564.2MHz, -62.0dBm	Hop sequence: 5541, 5553, 5377, 5309, 5618, 5582, 5440, 5593, 5654, 5402, 5364, 5480, 5470, 5649, 5637, 5534, 5528, 5304, 5264, 5261, 5460, 5253, 5352, 5558, 5585, 5314, 5474, 5547, 5387, 5657, 5497, 5652, 5298, 5321, 5507, 5718, 5395, 5570, 5488, 5575, 5434, 5610, 5508, 5312, 5557, 5607, 5626, 5632, 5698, 5333, 5670, 5437, 5595, 5266, 5620, 5372, 5686, 5412, 5539, 5655, 5493, 5592, 5265, 5550, 5338, 5674, 5465, 5615, 5380, 5551, 5324, 5549, 5621, 5484, 5331, 5536, 5311, 5665, 5693, 5689, 5362, 5327, 5259, 5636, 5401, 5306, 5316, 5568, 5410, 5263, 5532, 5390, 5696, 5648, 5389, 5675, 5382, 5267, 5370, 5526 (10 hits) (10/18/2011 10:16:24 AM)
22	9	1.0	333.0	Yes	5565.2MHz, -62.0dBm	Hop sequence: 5445, 5631, 5490, 5398, 5267, 5423, 5501, 5402, 5590, 5582, 5391, 5571, 5610, 5593, 5656, 5488, 5572, 5484, 5464, 5604, 5481, 5333, 5725, 5713, 5413, 5652, 5617, 5319, 5642, 5624, 5357, 5628, 5442, 5538, 5629, 5683, 5276, 5576, 5390, 5268, 5296, 5304, 5300, 5430, 5465, 5421, 5717, 5511, 5311, 5714, 5667, 5485, 5425, 5564, 5376, 5292, 5601, 5454, 5437, 5289, 5508, 5392, 5603, 5446, 5330, 5417, 5664, 5529, 5411, 5618, 5287, 5259, 5626, 5718, 5614, 5414, 5258, 5435, 5605, 5635, 5341, 5554, 5519, 5655, 5463, 5512, 5654, 5309, 5688, 5632, 5687, 5340, 5704, 5592, 5566, 5444, 5251, 5273, 5487, 5534 (6 hits) (10/18/2011 10:16:33 AM)
23	9	1.0	333.0	Yes	5566.2MHz, -62.0dBm	Hop sequence: 5297, 5426, 5320, 5522, 5340, 5535, 5680, 5456, 5350, 5368, 5453, 5311, 5471, 5365, 5534, 5667, 5324, 5293, 5387, 5334, 5335, 5276, 5722, 5405, 5690, 5681, 5705, 5575, 5538, 5250, 5321, 5434, 5590, 5559, 5636, 5414, 5254, 5652, 5597, 5319, 5306, 5260, 5711, 5709, 5296, 5316, 5362, 5486,

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5395, 5695, 5394, 5531, 5468, 5561, 5499, 5370, 5645, 5261, 5576, 5427, 5533, 5440, 5630, 5583, 5523, 5360, 5313, 5601, 5648, 5662, 5398, 5642, 5314, 5644, 5519, 5707, 5373, 5282, 5407, 5302, 5525, 5628, 5549, 5488, 5693, 5672, 5383, 5355, 5571, 5304, 5366, 5494, 5436, 5258, 5325, 5581, 5539, 5495, 5554, 5577 (8 hits) (10/18/2011 10:16:40 AM)
24	9	1.0	333.0	Yes	5567.2MHz, -62.0dBm	Hop sequence: 5408, 5482, 5445, 5514, 5587, 5308, 5664, 5546, 5370, 5595, 5383, 5505, 5519, 5472, 5487, 5598, 5274, 5718, 5711, 5336, 5671, 5447, 5697, 5641, 5437, 5388, 5504, 5299, 5583, 5297, 5536, 5432, 5385, 5283, 5500, 5455, 5708, 5663, 5298, 5637, 5260, 5499, 5617, 5376, 5343, 5638, 5516, 5630, 5440, 5486, 5341, 5450, 5719, 5724, 5327, 5669, 5614, 5378, 5407, 5721, 5462, 5694, 5382, 5576, 5609, 5596, 5290, 5330, 5706, 5302, 5530, 5285, 5359, 5542, 5553, 5265, 5502, 5660, 5458, 5498, 5387, 5259, 5622, 5715, 5686, 5434, 5643, 5294, 5270, 5695, 5578, 5714, 5339, 5681, 5389, 5601, 5441, 5375, 5571, 5491 (4 hits) (10/18/2011 10:16:48 AM)
25	9	1.0	333.0	Yes	5568.2MHz, -62.0dBm	Hop sequence: 5312, 5481, 5724, 5304, 5692, 5300, 5311, 5505, 5623, 5635, 5359, 5273, 5259, 5257, 5550, 5678, 5520, 5650, 5372, 5718, 5402, 5549, 5544, 5494, 5410, 5414, 5633, 5352, 5675, 5525, 5416, 5567, 5381, 5661, 5267, 5301, 5353, 5651, 5598, 5612, 5575, 5468, 5334, 5676, 5291, 5582, 5250, 5537, 5289, 5615, 5272, 5280, 5573, 5530, 5299, 5330, 5365, 5467, 5341, 5613, 5405, 5348, 5296, 5627, 5349, 5344, 5466, 5599, 5576, 5275, 5720, 5672, 5647, 5486, 5283, 5698, 5271, 5631, 5501, 5605, 5460, 5401, 5603, 5285, 5721, 5324, 5400, 5422, 5636, 5652, 5648, 5513, 5654, 5439, 5373, 5413, 5340, 5645, 5504, 5607 (6 hits) (10/18/2011

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						10:16:55 AM)
26	9	1.0	333.0	Yes	5569.2MHz, -62.0dBm	Hop sequence: 5659, 5692, 5337, 5322, 5648, 5348, 5540, 5395, 5448, 5551, 5542, 5550, 5403, 5613, 5309, 5619, 5641, 5416, 5683, 5421, 5290, 5330, 5706, 5699, 5556, 5433, 5315, 5627, 5491, 5418, 5524, 5718, 5537, 5263, 5498, 5369, 5475, 5632, 5539, 5558, 5676, 5664, 5452, 5364, 5332, 5256, 5708, 5606, 5374, 5592, 5618, 5277, 5660, 5253, 5585, 5615, 5419, 5260, 5703, 5411, 5553, 5312, 5305, 5346, 5299, 5713, 5311, 5340, 5390, 5259, 5503, 5587, 5301, 5549, 5668, 5511, 5705, 5570, 5516, 5586, 5476, 5284, 5326, 5280, 5698, 5371, 5435, 5372, 5266, 5409, 5717, 5320, 5591, 5251, 5568, 5635, 5523, 5617, 5595, 5719 (8 hits) (10/18/2011 10:17:02 AM)
27	9	1.0	333.0	Yes	5570.2MHz, -62.0dBm	Hop sequence: 5285, 5359, 5616, 5349, 5294, 5261, 5363, 5442, 5714, 5405, 5484, 5579, 5501, 5391, 5304, 5706, 5350, 5615, 5450, 5697, 5371, 5546, 5412, 5250, 5479, 5570, 5298, 5613, 5463, 5415, 5436, 5495, 5283, 5505, 5568, 5407, 5385, 5590, 5288, 5333, 5432, 5476, 5692, 5711, 5316, 5308, 5409, 5259, 5685, 5483, 5720, 5286, 5485, 5668, 5313, 5723, 5357, 5572, 5491, 5583, 5621, 5515, 5578, 5602, 5327, 5554, 5458, 5654, 5550, 5493, 5360, 5251, 5416, 5487, 5573, 5569, 5332, 5293, 5351, 5509, 5402, 5702, 5665, 5368, 5397, 5446, 5445, 5557, 5365, 5256, 5429, 5680, 5449, 5556, 5388, 5597, 5303, 5534, 5657, 5340 (11 hits) (10/18/2011 10:17:09 AM)
28	9	1.0	333.0	Yes	5571.2MHz, -62.0dBm	Hop sequence: 5699, 5378, 5543, 5395, 5318, 5414, 5697, 5638, 5534, 5292, 5314, 5297, 5571, 5418, 5526, 5645, 5575, 5606, 5422, 5706, 5687, 5258, 5520, 5294, 5389, 5443, 5659, 5398, 5641, 5377, 5698, 5356, 5348, 5715, 5653, 5674, 5300, 5277, 5319, 5403, 5411, 5541, 5471, 5278, 5466, 5326, 5723, 5446,

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5381, 5626, 5312, 5322, 5298, 5488, 5544, 5458, 5476, 5447, 5717, 5513, 5253, 5545, 5567, 5709, 5646, 5523, 5712, 5274, 5465, 5423, 5635, 5437, 5405, 5316, 5547, 5491, 5269, 5507, 5673, 5587, 5721, 5333, 5654, 5551, 5255, 5256, 5421, 5376, 5625, 5634, 5677, 5601, 5320, 5671, 5336, 5539, 5630, 5614, 5658, 5711 (5 hits) (10/18/2011 10:17:19 AM)
29	9	1.0	333.0	Yes	5572.2MHz, -62.0dBm	Hop sequence: 5362, 5478, 5268, 5551, 5418, 5622, 5352, 5638, 5642, 5589, 5333, 5367, 5548, 5505, 5647, 5401, 5435, 5531, 5384, 5254, 5643, 5307, 5591, 5604, 5547, 5343, 5431, 5553, 5482, 5522, 5436, 5430, 5506, 5606, 5709, 5585, 5473, 5282, 5688, 5302, 5583, 5572, 5537, 5266, 5593, 5292, 5640, 5311, 5312, 5359, 5344, 5414, 5255, 5588, 5308, 5558, 5368, 5721, 5415, 5644, 5383, 5403, 5557, 5723, 5667, 5517, 5265, 5283, 5428, 5570, 5500, 5337, 5258, 5317, 5469, 5533, 5347, 5340, 5519, 5375, 5334, 5494, 5705, 5314, 5575, 5568, 5413, 5412, 5427, 5649, 5578, 5491, 5305, 5590, 5669, 5483, 5377, 5682, 5451, 5373 (11 hits) (10/18/2011 10:17:26 AM)
30	9	1.0	333.0	Yes	5573.2MHz, -62.0dBm	Hop sequence: 5606, 5466, 5317, 5324, 5252, 5604, 5280, 5429, 5685, 5481, 5509, 5680, 5382, 5563, 5251, 5254, 5541, 5504, 5683, 5301, 5385, 5491, 5585, 5528, 5724, 5443, 5708, 5374, 5673, 5371, 5398, 5582, 5347, 5664, 5688, 5413, 5437, 5648, 5532, 5690, 5375, 5624, 5260, 5523, 5709, 5428, 5621, 5489, 5294, 5323, 5637, 5329, 5722, 5259, 5393, 5725, 5591, 5386, 5272, 5330, 5352, 5275, 5679, 5407, 5325, 5562, 5334, 5288, 5441, 5341, 5421, 5551, 5300, 5270, 5586, 5527, 5632, 5255, 5714, 5699, 5537, 5285, 5628, 5682, 5652, 5565, 5713, 5327, 5636, 5653, 5633, 5576, 5661, 5718, 5455, 5387, 5337, 5581, 5525, 5302 (5 hits) (10/18/2011

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						10:17:33 AM)
31	9	1.0	333.0	Yes	5574.2MHz, -62.0dBm	Hop sequence: 5351, 5334, 5643, 5567, 5369, 5403, 5324, 5282, 5627, 5649, 5679, 5300, 5674, 5509, 5710, 5708, 5484, 5614, 5582, 5587, 5467, 5465, 5262, 5347, 5424, 5401, 5594, 5685, 5446, 5531, 5561, 5308, 5659, 5298, 5583, 5485, 5661, 5507, 5618, 5593, 5417, 5482, 5474, 5428, 5271, 5623, 5309, 5540, 5663, 5310, 5307, 5546, 5557, 5656, 5367, 5270, 5695, 5297, 5569, 5254, 5406, 5664, 5337, 5590, 5438, 5657, 5703, 5312, 5706, 5648, 5639, 5644, 5257, 5320, 5331, 5450, 5532, 5613, 5681, 5646, 5612, 5488, 5504, 5292, 5700, 5653, 5635, 5436, 5658, 5274, 5445, 5684, 5560, 5356, 5443, 5652, 5592, 5460, 5420, 5373 (5 hits) (10/18/2011 10:17:42 AM)
32	9	1.0	333.0	Yes	5575.2MHz, -62.0dBm	Hop sequence: 5317, 5270, 5410, 5536, 5315, 5617, 5311, 5324, 5639, 5291, 5641, 5479, 5549, 5379, 5355, 5709, 5717, 5361, 5716, 5654, 5294, 5537, 5553, 5354, 5347, 5420, 5706, 5625, 5465, 5297, 5626, 5385, 5408, 5348, 5380, 5390, 5589, 5719, 5722, 5650, 5692, 5443, 5512, 5602, 5352, 5319, 5254, 5293, 5279, 5384, 5562, 5345, 5511, 5486, 5276, 5267, 5421, 5289, 5666, 5622, 5564, 5596, 5314, 5713, 5426, 5646, 5648, 5634, 5299, 5578, 5525, 5489, 5726, 5496, 5618, 5651, 5510, 5455, 5344, 5265, 5710, 5310, 5278, 5393, 5292, 5669, 5657, 5335, 5416, 5350, 5274, 5718, 5469, 5275, 5396, 5570, 5714, 5501, 5488, 5642 (6 hits) (10/18/2011 10:17:49 AM)
33	9	1.0	333.0	Yes	5576.2MHz, -62.0dBm	Hop sequence: 5660, 5567, 5329, 5472, 5534, 5618, 5254, 5681, 5338, 5316, 5279, 5642, 5551, 5592, 5657, 5561, 5307, 5484, 5394, 5666, 5425, 5387, 5418, 5628, 5443, 5707, 5629, 5507, 5406, 5540, 5641, 5704, 5544, 5569, 5364, 5331, 5402, 5529, 5383, 5417, 5427, 5539, 5449, 5407, 5469, 5367, 5454, 5673,

Table 118 - FCC frequency hopping radar (Type 6) Results WU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5630, 5434, 5400, 5252, 5634, 5470, 5547, 5599, 5693, 5419, 5491, 5357, 5330, 5689, 5690, 5375, 5299, 5353, 5413, 5498, 5505, 5351, 5485, 5663, 5602, 5379, 5471, 5662, 5390, 5576, 5272, 5512, 5309, 5486, 5703, 5325, 5566, 5332, 5644, 5408, 5725, 5480, 5591, 5668, 5574, 5654, 5496, 5699, 5292, 5708, 5441, 5667 (8 hits) (10/18/2011 10:17:57 AM)
34	9	1.0	333.0	Yes	5577.2MHz, -62.0dBm	Hop sequence: 5508, 5252, 5633, 5473, 5390, 5349, 5586, 5452, 5521, 5567, 5666, 5313, 5459, 5298, 5392, 5565, 5321, 5628, 5564, 5608, 5718, 5426, 5529, 5286, 5351, 5401, 5545, 5706, 5338, 5669, 5304, 5292, 5382, 5534, 5682, 5418, 5463, 5498, 5594, 5713, 5660, 5387, 5562, 5289, 5617, 5293, 5361, 5319, 5531, 5572, 5281, 5445, 5509, 5478, 5299, 5408, 5501, 5461, 5391, 5696, 5551, 5479, 5493, 5629, 5710, 5552, 5471, 5272, 5599, 5306, 5276, 5614, 5464, 5712, 5425, 5301, 5590, 5657, 5259, 5448, 5291, 5654, 5627, 5336, 5388, 5384, 5548, 5352, 5624, 5705, 5371, 5616, 5630, 5263, 5556, 5566, 5536, 5517, 5343, 5310 (10 hits) (10/18/2011 10:18:04 AM)

Table 119 – WU Steady State Detection Bandwidth Measurements (Bandwidth: +16MHz /-17MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5545.20 MHz	1	3	33.3
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5546.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5547.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5548.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5549.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5550.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5551.20 MHz	10	0	100

Table 119 – WU Steady State Detection Bandwidth Measurements (Bandwidth: +16MHz /-17MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5552.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5553.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5554.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5555.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5556.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5557.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5558.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5559.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5560.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5561.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5562.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5563.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5564.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5565.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5566.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5567.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5568.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5569.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5570.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5571.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5572.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5573.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5574.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5575.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5576.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5577.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5578.20 MHz	10	0	100
5563.20 MHz	FCC Short Pulse	5579.20 MHz	10	0	100

Table 119 – WU Steady State Detection Bandwidth Measurements (Bandwidth: +16MHz /-17MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
	Radar (Type 1)				
5563.20 MHz	FCC Short Pulse Radar (Type 1)	5580.20 MHz	0	3	0

Table 120 - Summary of All Results - CU Steady State				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	33	PASSED
Aggregate of above results	100.0 %	80.0 %	153	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED

Table 121 - FCC Short Pulse Radar (Type 1) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:48:51 PM)
2	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:49:02 PM)
3	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:49:14 PM)
4	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:49:26 PM)
5	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:49:34 PM)
6	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:49:49 PM)
7	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:49:59 PM)
8	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:50:11 PM)
9	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:50:22 PM)
10	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:50:33 PM)
11	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:50:43 PM)
12	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:50:53 PM)
13	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:51:01 PM)
14	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:51:09 PM)
15	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:51:17 PM)
16	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:51:26 PM)
17	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:51:39 PM)
18	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:51:51 PM)
19	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:52:00 PM)
20	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:52:31 PM)

Table 121 - FCC Short Pulse Radar (Type 1) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:52:42 PM)
22	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:52:52 PM)
23	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:52:59 PM)
24	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:53:07 PM)
25	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:53:16 PM)
26	18	1.0	1428.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:53:24 PM)
27	18	1.0	1428.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:53:32 PM)
28	18	1.0	1428.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:54:44 PM)
29	18	1.0	1428.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:54:55 PM)
30	18	1.0	1428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:55:04 PM)

Table 122 - FCC Short Pulse Radar (Type 2) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	3.1	177.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:56:02 PM)
2	25	4.2	170.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:56:11 PM)
3	24	1.7	209.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:56:19 PM)
4	28	1.3	225.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:56:48 PM)
5	25	1.5	187.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:57:12 PM)
6	29	1.1	220.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:57:19 PM)
7	29	3.8	162.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:57:27 PM)
8	25	4.6	186.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:57:34 PM)
9	29	2.0	155.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:57:42 PM)
10	25	4.6	162.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:57:51 PM)
11	28	4.0	215.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:58:06 PM)
12	25	4.9	229.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:58:26 PM)
13	26	2.1	165.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:58:38 PM)
14	26	2.0	177.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:58:47 PM)
15	26	2.1	227.0	Yes	5273.0MHz,	Single burst (10/18/2011 03:58:56

Table 122 - FCC Short Pulse Radar (Type 2) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-62.0dBm	PM)
16	23	4.6	177.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:59:04 PM)
17	24	2.0	157.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 03:59:13 PM)
18	28	2.1	205.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 03:59:26 PM)
19	26	1.4	198.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 03:59:33 PM)
20	26	1.6	154.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 03:59:43 PM)
21	23	1.6	183.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 03:59:54 PM)
22	29	1.3	157.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:00:03 PM)
23	28	3.6	209.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:00:12 PM)
24	25	4.2	198.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:00:19 PM)
25	29	4.6	161.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:00:29 PM)
26	25	3.7	225.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:00:37 PM)
27	24	2.0	228.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:00:54 PM)
28	27	2.1	224.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:01:01 PM)
29	28	4.8	170.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:01:10 PM)
30	26	1.7	170.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:01:18 PM)

Table 123 - FCC Short Pulse Radar (Type 3) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	8.6	410.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:01:44 PM)
2	16	6.2	460.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:01:55 PM)
3	17	7.5	435.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:02:06 PM)
4	17	8.5	256.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:02:15 PM)
5	17	7.2	363.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:02:24 PM)
6	16	9.1	237.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:02:34 PM)
7	17	8.8	394.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:02:42 PM)
8	17	7.5	473.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:02:50 PM)
9	16	9.0	213.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:02:58 PM)

Table 123 - FCC Short Pulse Radar (Type 3) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	18	6.9	397.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:03:12 PM)
11	18	8.7	468.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:03:22 PM)
12	17	7.3	320.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:03:31 PM)
13	18	9.3	461.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:03:40 PM)
14	18	6.9	348.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:03:49 PM)
15	17	9.6	410.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:03:58 PM)
16	16	7.9	267.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:04:06 PM)
17	16	7.0	468.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:04:17 PM)
18	18	7.1	210.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:04:26 PM)
19	16	6.1	280.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:04:34 PM)
20	17	8.6	268.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:04:41 PM)
21	18	10.0	424.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:04:52 PM)
22	16	6.0	226.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:05:02 PM)
23	16	6.2	264.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:05:15 PM)
24	18	6.9	474.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:05:25 PM)
25	17	8.7	234.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:05:34 PM)
26	16	9.4	322.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:05:43 PM)
27	17	8.0	299.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:05:58 PM)
28	18	8.6	270.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:06:13 PM)
29	17	6.4	254.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:06:22 PM)
30	18	8.4	269.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:06:35 PM)

Table 124 - FCC Short Pulse Radar (Type 4) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	11.1	336.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:07:32 PM)
2	14	16.6	354.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:07:41 PM)
3	12	14.5	263.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:07:51 PM)

Table 124 - FCC Short Pulse Radar (Type 4) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	15	12.4	220.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:01 PM)
5	16	15.0	438.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:09 PM)
6	13	15.2	366.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:16 PM)
7	14	19.1	321.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:24 PM)
8	12	13.7	397.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:33 PM)
9	15	12.3	479.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:40 PM)
10	14	13.0	234.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:50 PM)
11	12	15.9	461.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:08:58 PM)
12	15	18.3	314.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:09:07 PM)
13	13	19.6	492.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:09:15 PM)
14	13	11.6	310.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:09:29 PM)
15	16	16.8	356.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:09:38 PM)
16	13	19.1	481.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:09:46 PM)
17	13	14.0	474.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:09:58 PM)
18	14	15.0	255.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:10:08 PM)
19	16	14.3	310.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:10:19 PM)
20	13	16.9	428.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:10:34 PM)
21	14	19.4	208.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:10:45 PM)
22	13	14.1	279.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:10:56 PM)
23	14	16.3	498.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:11:05 PM)
24	12	15.9	299.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:11:15 PM)
25	15	15.3	352.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:11:25 PM)
26	16	19.0	312.0	Yes	5268.0MHz, -62.0dBm	Single burst (10/18/2011 04:11:40 PM)
27	13	11.8	278.0	Yes	5263.0MHz, -62.0dBm	Single burst (10/18/2011 04:11:49 PM)
28	14	11.1	413.0	Yes	5258.0MHz, -62.0dBm	Single burst (10/18/2011 04:12:01 PM)
29	14	11.8	202.0	Yes	5278.0MHz, -62.0dBm	Single burst (10/18/2011 04:12:09 PM)
30	12	13.2	201.0	Yes	5273.0MHz, -62.0dBm	Single burst (10/18/2011 04:12:17 PM)

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5283.0MHz, -62.0dBm	Hop sequence: 5594, 5606, 5651, 5366, 5448, 5336, 5572, 5312, 5384, 5357, 5430, 5314, 5392, 5416, 5662, 5356, 5442, 5445, 5396, 5593, 5609, 5504, 5292, 5364, 5716, 5393, 5657, 5320, 5458, 5522, 5318, 5270, 5305, 5322, 5438, 5315, 5294, 5426, 5547, 5595, 5588, 5720, 5425, 5400, 5515, 5381, 5693, 5584, 5327, 5711, 5332, 5276, 5649, 5663, 5309, 5724, 5295, 5480, 5264, 5700, 5367, 5702, 5565, 5542, 5607, 5580, 5682, 5257, 5403, 5517, 5404, 5645, 5486, 5550, 5616, 5525, 5570, 5359, 5479, 5466, 5493, 5619, 5699, 5610, 5715, 5713, 5331, 5337, 5488, 5424, 5358, 5401, 5354, 5712, 5289, 5325, 5538, 5339, 5406, 5612 (4 hits) (10/18/2011 04:20:28 PM)
2	9	1.0	333.0	Yes	5284.0MHz, -62.0dBm	Hop sequence: 5607, 5710, 5421, 5290, 5629, 5294, 5298, 5307, 5354, 5663, 5399, 5347, 5595, 5615, 5699, 5357, 5281, 5473, 5337, 5387, 5645, 5667, 5349, 5393, 5304, 5467, 5630, 5656, 5280, 5445, 5680, 5690, 5601, 5560, 5254, 5696, 5456, 5575, 5638, 5319, 5590, 5396, 5426, 5331, 5286, 5411, 5427, 5661, 5291, 5627, 5571, 5511, 5369, 5435, 5566, 5568, 5662, 5449, 5585, 5720, 5563, 5434, 5602, 5365, 5460, 5252, 5297, 5340, 5649, 5429, 5564, 5644, 5408, 5477, 5703, 5682, 5299, 5363, 5534, 5376, 5381, 5316, 5506, 5250, 5423, 5464, 5476, 5358, 5482, 5678, 5713, 5260, 5611, 5552, 5664, 5419, 5272, 5570, 5512, 5372 (6 hits) (10/18/2011 04:20:36 PM)
3	9	1.0	333.0	Yes	5252.0MHz, -62.0dBm	Hop sequence: 5689, 5314, 5700, 5354, 5463, 5312, 5652, 5705, 5438, 5688, 5462, 5400, 5676, 5279, 5252, 5577, 5303, 5420, 5617, 5344, 5470, 5300, 5258, 5535, 5696, 5666, 5567, 5426, 5610, 5501, 5544, 5293, 5580, 5386, 5608, 5444, 5651, 5589, 5345, 5601, 5407, 5399, 5336, 5294, 5638, 5251, 5641, 5391,

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5448, 5274, 5355, 5693, 5379, 5576, 5283, 5502, 5460, 5499, 5660, 5318, 5491, 5656, 5643, 5687, 5406, 5445, 5672, 5265, 5673, 5515, 5719, 5606, 5520, 5442, 5453, 5533, 5586, 5595, 5332, 5681, 5690, 5640, 5421, 5487, 5297, 5483, 5409, 5393, 5658, 5527, 5646, 5255, 5333, 5295, 5435, 5680, 5347, 5616, 5570, 5384 (7 hits) (10/18/2011 04:20:43 PM)
4	9	1.0	333.0	Yes	5253.0MHz, -62.0dBm	Hop sequence: 5508, 5449, 5516, 5462, 5344, 5651, 5398, 5375, 5663, 5487, 5380, 5634, 5302, 5584, 5554, 5320, 5698, 5572, 5340, 5671, 5273, 5664, 5410, 5422, 5283, 5723, 5653, 5260, 5517, 5555, 5308, 5484, 5495, 5318, 5331, 5271, 5409, 5514, 5464, 5636, 5689, 5355, 5337, 5471, 5413, 5291, 5364, 5343, 5397, 5443, 5593, 5702, 5546, 5301, 5708, 5304, 5696, 5655, 5547, 5482, 5660, 5564, 5588, 5486, 5475, 5387, 5628, 5332, 5603, 5368, 5649, 5432, 5709, 5389, 5264, 5676, 5721, 5298, 5597, 5607, 5451, 5643, 5677, 5445, 5654, 5435, 5261, 5357, 5479, 5421, 5520, 5542, 5562, 5441, 5289, 5295, 5463, 5279, 5365, 5281 (8 hits) (10/18/2011 04:20:49 PM)
5	9	1.0	333.0	Yes	5254.0MHz, -62.0dBm	Hop sequence: 5432, 5406, 5386, 5624, 5722, 5277, 5534, 5661, 5631, 5498, 5561, 5398, 5648, 5566, 5575, 5365, 5689, 5558, 5417, 5531, 5421, 5453, 5429, 5370, 5579, 5692, 5626, 5389, 5301, 5474, 5610, 5307, 5559, 5392, 5267, 5364, 5334, 5718, 5613, 5724, 5612, 5649, 5597, 5709, 5448, 5598, 5292, 5710, 5439, 5501, 5723, 5447, 5653, 5376, 5616, 5372, 5578, 5332, 5470, 5703, 5671, 5599, 5298, 5460, 5472, 5537, 5669, 5562, 5647, 5483, 5454, 5704, 5654, 5310, 5446, 5402, 5254, 5497, 5570, 5500, 5706, 5271, 5621, 5519, 5361, 5374, 5662, 5502, 5514, 5602, 5435, 5552, 5381, 5450, 5672, 5458, 5665, 5674, 5491, 5545 (4 hits) (10/18/2011

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:20:56 PM)
6	9	1.0	333.0	Yes	5255.0MHz, -62.0dBm	Hop sequence: 5614, 5399, 5353, 5414, 5493, 5678, 5323, 5521, 5556, 5557, 5531, 5379, 5440, 5460, 5389, 5567, 5262, 5378, 5394, 5523, 5390, 5361, 5299, 5316, 5644, 5310, 5585, 5690, 5593, 5612, 5635, 5704, 5605, 5341, 5640, 5646, 5309, 5339, 5634, 5537, 5679, 5290, 5641, 5413, 5699, 5600, 5654, 5468, 5257, 5435, 5369, 5372, 5354, 5307, 5272, 5456, 5584, 5291, 5534, 5709, 5548, 5524, 5666, 5657, 5415, 5626, 5356, 5278, 5651, 5520, 5269, 5608, 5700, 5549, 5385, 5266, 5397, 5422, 5530, 5508, 5401, 5453, 5628, 5660, 5441, 5488, 5447, 5623, 5594, 5671, 5543, 5449, 5384, 5274, 5437, 5480, 5428, 5722, 5282, 5381 (8 hits) (10/18/2011 04:21:03 PM)
7	9	1.0	333.0	Yes	5256.0MHz, -62.0dBm	Hop sequence: 5388, 5320, 5348, 5684, 5356, 5637, 5656, 5716, 5258, 5705, 5428, 5460, 5461, 5591, 5451, 5601, 5371, 5683, 5695, 5406, 5497, 5604, 5494, 5438, 5639, 5434, 5702, 5627, 5265, 5448, 5272, 5398, 5379, 5469, 5268, 5719, 5558, 5423, 5435, 5713, 5572, 5516, 5692, 5313, 5290, 5567, 5375, 5359, 5693, 5404, 5670, 5331, 5308, 5396, 5552, 5709, 5694, 5612, 5699, 5365, 5340, 5515, 5613, 5329, 5655, 5319, 5666, 5576, 5674, 5431, 5526, 5321, 5347, 5512, 5446, 5528, 5252, 5355, 5647, 5361, 5542, 5634, 5337, 5701, 5468, 5326, 5492, 5630, 5426, 5646, 5357, 5704, 5538, 5390, 5401, 5676, 5332, 5429, 5316, 5513 (5 hits) (10/18/2011 04:21:10 PM)
8	9	1.0	333.0	Yes	5257.0MHz, -62.0dBm	Hop sequence: 5338, 5303, 5707, 5261, 5635, 5355, 5698, 5504, 5513, 5605, 5673, 5500, 5408, 5250, 5295, 5706, 5427, 5520, 5363, 5660, 5364, 5387, 5633, 5495, 5525, 5646, 5251, 5382, 5409, 5627, 5546, 5493, 5712, 5682, 5576, 5608, 5443, 5492, 5331, 5255, 5534, 5686, 5444, 5568, 5422, 5667, 5514, 5374,

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5432, 5723, 5561, 5473, 5590, 5530, 5361, 5611, 5549, 5482, 5615, 5465, 5509, 5630, 5521, 5486, 5391, 5501, 5403, 5469, 5638, 5694, 5278, 5636, 5519, 5666, 5424, 5475, 5417, 5718, 5291, 5585, 5299, 5527, 5602, 5478, 5670, 5260, 5551, 5616, 5685, 5617, 5318, 5396, 5507, 5620, 5539, 5406, 5663, 5369, 5544, 5506 (4 hits) (10/18/2011 04:21:16 PM)
9	9	1.0	333.0	Yes	5258.0MHz, -62.0dBm	Hop sequence: 5651, 5697, 5582, 5488, 5364, 5520, 5706, 5412, 5510, 5713, 5537, 5688, 5326, 5554, 5626, 5304, 5439, 5650, 5272, 5330, 5287, 5468, 5284, 5343, 5266, 5678, 5662, 5645, 5560, 5357, 5276, 5680, 5396, 5312, 5461, 5577, 5300, 5409, 5503, 5401, 5416, 5371, 5302, 5333, 5388, 5611, 5474, 5306, 5623, 5557, 5292, 5428, 5665, 5421, 5632, 5310, 5641, 5698, 5414, 5643, 5667, 5547, 5464, 5608, 5316, 5398, 5477, 5367, 5573, 5561, 5594, 5491, 5618, 5436, 5517, 5653, 5347, 5444, 5676, 5458, 5430, 5467, 5600, 5614, 5253, 5579, 5658, 5669, 5492, 5612, 5324, 5372, 5497, 5472, 5538, 5263, 5473, 5649, 5654, 5487 (6 hits) (10/18/2011 04:21:23 PM)
10	9	1.0	333.0	Yes	5259.0MHz, -62.0dBm	Hop sequence: 5458, 5267, 5724, 5708, 5653, 5471, 5557, 5523, 5658, 5594, 5323, 5472, 5699, 5525, 5663, 5373, 5601, 5715, 5397, 5462, 5560, 5494, 5404, 5478, 5495, 5253, 5507, 5707, 5550, 5365, 5298, 5327, 5606, 5445, 5553, 5441, 5524, 5291, 5480, 5481, 5649, 5450, 5385, 5313, 5324, 5345, 5522, 5683, 5272, 5629, 5717, 5370, 5320, 5438, 5479, 5528, 5467, 5576, 5464, 5691, 5383, 5493, 5268, 5429, 5292, 5359, 5514, 5475, 5263, 5587, 5388, 5465, 5448, 5451, 5407, 5424, 5668, 5605, 5411, 5700, 5299, 5559, 5720, 5254, 5624, 5402, 5529, 5443, 5413, 5423, 5389, 5642, 5386, 5401, 5393, 5301, 5390, 5542, 5583, 5723 (6 hits) (10/18/2011

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:21:29 PM)
11	9	1.0	333.0	Yes	5260.0MHz, -62.0dBm	Hop sequence: 5535, 5273, 5678, 5471, 5553, 5259, 5468, 5442, 5626, 5429, 5597, 5575, 5511, 5646, 5718, 5441, 5346, 5450, 5278, 5392, 5312, 5452, 5725, 5699, 5316, 5423, 5539, 5576, 5398, 5280, 5490, 5541, 5531, 5603, 5293, 5385, 5600, 5338, 5336, 5477, 5254, 5602, 5363, 5680, 5622, 5601, 5662, 5470, 5474, 5585, 5639, 5546, 5598, 5400, 5689, 5431, 5382, 5473, 5500, 5545, 5521, 5480, 5594, 5664, 5590, 5549, 5548, 5604, 5519, 5651, 5643, 5658, 5306, 5563, 5255, 5430, 5624, 5517, 5721, 5485, 5673, 5292, 5605, 5562, 5503, 5396, 5593, 5690, 5570, 5712, 5514, 5655, 5327, 5284, 5407, 5573, 5389, 5370, 5714, 5415 (7 hits) (10/18/2011 04:21:36 PM)
12	9	1.0	333.0	Yes	5261.0MHz, -62.0dBm	Hop sequence: 5313, 5334, 5512, 5521, 5389, 5277, 5494, 5589, 5391, 5255, 5357, 5365, 5370, 5392, 5514, 5687, 5480, 5595, 5345, 5724, 5671, 5584, 5569, 5549, 5623, 5263, 5676, 5711, 5527, 5317, 5622, 5714, 5430, 5640, 5325, 5264, 5435, 5485, 5306, 5303, 5683, 5380, 5543, 5474, 5545, 5559, 5677, 5290, 5636, 5548, 5270, 5651, 5421, 5403, 5261, 5315, 5454, 5609, 5666, 5367, 5575, 5579, 5693, 5578, 5722, 5655, 5302, 5570, 5320, 5678, 5597, 5608, 5673, 5431, 5425, 5418, 5707, 5581, 5493, 5556, 5401, 5352, 5472, 5555, 5478, 5650, 5648, 5433, 5672, 5307, 5427, 5455, 5567, 5553, 5620, 5638, 5283, 5356, 5561, 5641 (7 hits) (10/18/2011 04:21:43 PM)
13	9	1.0	333.0	Yes	5262.0MHz, -62.0dBm	Hop sequence: 5565, 5673, 5579, 5439, 5595, 5706, 5619, 5462, 5370, 5383, 5289, 5584, 5353, 5573, 5267, 5590, 5349, 5394, 5469, 5627, 5532, 5708, 5398, 5318, 5306, 5629, 5521, 5647, 5472, 5328, 5583, 5322, 5319, 5453, 5597, 5396, 5562, 5341, 5430, 5313, 5691, 5657, 5620, 5614, 5548, 5610, 5335, 5475,

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5663, 5635, 5421, 5252, 5484, 5299, 5631, 5644, 5284, 5636, 5524, 5496, 5386, 5406, 5450, 5703, 5648, 5489, 5399, 5547, 5651, 5470, 5605, 5375, 5701, 5389, 5351, 5464, 5512, 5320, 5463, 5360, 5674, 5256, 5719, 5297, 5684, 5542, 5305, 5391, 5251, 5660, 5304, 5401, 5576, 5298, 5498, 5471, 5407, 5371, 5437, 5486 (4 hits) (10/18/2011 04:21:50 PM)
14	9	1.0	333.0	Yes	5263.0MHz, -62.0dBm	Hop sequence: 5260, 5408, 5610, 5471, 5473, 5448, 5387, 5724, 5514, 5290, 5564, 5455, 5693, 5441, 5273, 5662, 5370, 5566, 5614, 5560, 5293, 5309, 5683, 5272, 5503, 5271, 5519, 5428, 5413, 5495, 5444, 5532, 5505, 5677, 5651, 5508, 5477, 5350, 5496, 5537, 5507, 5643, 5604, 5633, 5320, 5479, 5713, 5443, 5331, 5422, 5434, 5691, 5304, 5409, 5550, 5579, 5269, 5423, 5612, 5668, 5678, 5353, 5357, 5414, 5373, 5484, 5285, 5705, 5318, 5661, 5715, 5515, 5617, 5339, 5369, 5253, 5475, 5600, 5464, 5500, 5522, 5312, 5421, 5407, 5575, 5581, 5642, 5341, 5300, 5684, 5499, 5619, 5418, 5492, 5485, 5613, 5528, 5252, 5686, 5378 (7 hits) (10/18/2011 04:21:58 PM)
15	9	1.0	333.0	Yes	5264.0MHz, -62.0dBm	Hop sequence: 5390, 5409, 5697, 5428, 5533, 5580, 5283, 5380, 5314, 5552, 5554, 5497, 5352, 5424, 5721, 5586, 5286, 5588, 5260, 5416, 5359, 5369, 5633, 5519, 5602, 5623, 5274, 5393, 5702, 5326, 5551, 5316, 5333, 5392, 5639, 5600, 5337, 5704, 5418, 5415, 5276, 5619, 5385, 5571, 5557, 5654, 5594, 5430, 5383, 5293, 5545, 5445, 5524, 5634, 5339, 5300, 5549, 5325, 5270, 5403, 5520, 5357, 5330, 5612, 5295, 5595, 5656, 5285, 5578, 5527, 5677, 5370, 5263, 5297, 5449, 5310, 5528, 5478, 5615, 5538, 5707, 5613, 5312, 5282, 5622, 5452, 5589, 5714, 5617, 5377, 5423, 5419, 5547, 5604, 5635, 5362, 5598, 5496, 5355, 5606 (7 hits) (10/18/2011

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:22:05 PM)
16	9	1.0	333.0	Yes	5265.0MHz, -62.0dBm	Hop sequence: 5314, 5598, 5566, 5297, 5331, 5689, 5518, 5557, 5564, 5424, 5357, 5403, 5709, 5343, 5329, 5406, 5512, 5447, 5702, 5712, 5527, 5612, 5365, 5273, 5644, 5513, 5721, 5600, 5704, 5624, 5589, 5405, 5724, 5676, 5715, 5718, 5683, 5361, 5693, 5716, 5266, 5656, 5358, 5601, 5389, 5614, 5446, 5439, 5429, 5563, 5698, 5668, 5593, 5404, 5310, 5386, 5481, 5420, 5582, 5682, 5253, 5336, 5673, 5480, 5558, 5651, 5445, 5435, 5450, 5537, 5556, 5465, 5615, 5355, 5516, 5552, 5653, 5317, 5379, 5542, 5637, 5694, 5468, 5636, 5452, 5499, 5678, 5482, 5705, 5251, 5286, 5583, 5431, 5316, 5560, 5296, 5509, 5332, 5719, 5690 (3 hits) (10/18/2011 04:22:12 PM)
17	9	1.0	333.0	Yes	5266.0MHz, -62.0dBm	Hop sequence: 5250, 5553, 5276, 5270, 5346, 5293, 5256, 5558, 5569, 5561, 5336, 5460, 5615, 5358, 5639, 5682, 5481, 5710, 5376, 5297, 5363, 5654, 5279, 5421, 5678, 5360, 5401, 5696, 5426, 5261, 5307, 5347, 5289, 5282, 5452, 5505, 5635, 5458, 5680, 5298, 5626, 5451, 5532, 5529, 5716, 5472, 5386, 5687, 5367, 5467, 5715, 5269, 5602, 5485, 5416, 5252, 5629, 5504, 5272, 5592, 5463, 5471, 5440, 5388, 5257, 5566, 5707, 5342, 5665, 5611, 5539, 5583, 5703, 5544, 5670, 5334, 5404, 5411, 5447, 5691, 5660, 5427, 5645, 5661, 5693, 5299, 5637, 5564, 5714, 5311, 5308, 5361, 5464, 5657, 5303, 5291, 5689, 5273, 5254, 5708 (12 hits) (10/18/2011 04:22:21 PM)
18	9	1.0	333.0	Yes	5267.0MHz, -62.0dBm	Hop sequence: 5558, 5337, 5678, 5551, 5486, 5692, 5350, 5698, 5515, 5445, 5638, 5649, 5454, 5326, 5675, 5604, 5627, 5406, 5288, 5504, 5451, 5646, 5652, 5402, 5264, 5261, 5723, 5252, 5420, 5444, 5549, 5300, 5555, 5330, 5705, 5364, 5315, 5377, 5322, 5336, 5518, 5560, 5677, 5418, 5362, 5612, 5647, 5600,

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5719, 5584, 5665, 5691, 5280, 5277, 5317, 5556, 5298, 5688, 5303, 5520, 5393, 5697, 5711, 5314, 5452, 5653, 5637, 5548, 5414, 5680, 5425, 5710, 5297, 5585, 5596, 5275, 5408, 5439, 5474, 5278, 5534, 5618, 5619, 5656, 5351, 5447, 5641, 5674, 5411, 5597, 5397, 5562, 5329, 5635, 5260, 5256, 5724, 5587, 5405, 5648 (9 hits) (10/18/2011 04:22:31 PM)
19	9	1.0	333.0	Yes	5268.0MHz, -62.0dBm	Hop sequence: 5417, 5284, 5466, 5725, 5362, 5554, 5538, 5621, 5253, 5502, 5593, 5429, 5659, 5449, 5714, 5412, 5304, 5526, 5672, 5514, 5568, 5685, 5319, 5579, 5632, 5699, 5349, 5511, 5450, 5289, 5541, 5465, 5312, 5432, 5507, 5413, 5547, 5330, 5489, 5508, 5575, 5726, 5290, 5616, 5678, 5596, 5574, 5352, 5498, 5581, 5307, 5444, 5529, 5622, 5491, 5251, 5361, 5294, 5610, 5670, 5309, 5494, 5637, 5430, 5344, 5371, 5506, 5602, 5561, 5454, 5578, 5533, 5475, 5571, 5711, 5422, 5643, 5701, 5473, 5463, 5528, 5674, 5486, 5703, 5358, 5395, 5665, 5456, 5368, 5374, 5490, 5698, 5258, 5438, 5336, 5279, 5704, 5396, 5378, 5398 (4 hits) (10/18/2011 04:22:38 PM)
20	9	1.0	333.0	Yes	5269.0MHz, -62.0dBm	Hop sequence: 5378, 5464, 5379, 5652, 5413, 5485, 5269, 5654, 5634, 5309, 5575, 5361, 5649, 5676, 5474, 5574, 5644, 5573, 5592, 5483, 5342, 5399, 5326, 5506, 5398, 5250, 5633, 5566, 5454, 5686, 5558, 5613, 5557, 5578, 5567, 5487, 5514, 5302, 5562, 5357, 5447, 5712, 5358, 5346, 5617, 5502, 5556, 5373, 5522, 5334, 5570, 5582, 5720, 5290, 5328, 5275, 5496, 5267, 5535, 5390, 5438, 5470, 5628, 5690, 5295, 5611, 5369, 5531, 5597, 5504, 5299, 5365, 5697, 5626, 5529, 5274, 5323, 5453, 5320, 5553, 5661, 5420, 5488, 5528, 5330, 5599, 5705, 5677, 5615, 5458, 5655, 5253, 5268, 5367, 5289, 5345, 5462, 5340, 5653, 5707 (6 hits) (10/18/2011

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:22:48 PM)
21	9	1.0	333.0	Yes	5270.0MHz, -62.0dBm	Hop sequence: 5547, 5630, 5282, 5447, 5679, 5258, 5519, 5536, 5279, 5511, 5395, 5310, 5646, 5551, 5524, 5313, 5701, 5434, 5602, 5548, 5637, 5480, 5368, 5704, 5417, 5336, 5486, 5627, 5450, 5283, 5634, 5481, 5615, 5696, 5413, 5600, 5530, 5439, 5359, 5360, 5512, 5276, 5640, 5494, 5304, 5327, 5371, 5347, 5262, 5687, 5673, 5660, 5574, 5406, 5697, 5401, 5491, 5693, 5663, 5676, 5394, 5358, 5487, 5462, 5334, 5471, 5584, 5456, 5566, 5432, 5590, 5367, 5433, 5466, 5389, 5614, 5576, 5613, 5597, 5690, 5356, 5496, 5423, 5618, 5261, 5500, 5579, 5326, 5532, 5266, 5617, 5683, 5588, 5499, 5256, 5315, 5365, 5472, 5504, 5682 (9 hits) (10/18/2011 04:22:59 PM)
22	9	1.0	333.0	Yes	5271.0MHz, -62.0dBm	Hop sequence: 5649, 5286, 5722, 5259, 5482, 5383, 5603, 5537, 5419, 5494, 5711, 5677, 5712, 5344, 5325, 5558, 5420, 5724, 5455, 5685, 5299, 5695, 5413, 5254, 5326, 5498, 5370, 5407, 5318, 5617, 5661, 5265, 5396, 5487, 5589, 5644, 5651, 5311, 5260, 5434, 5678, 5337, 5473, 5377, 5379, 5278, 5639, 5601, 5548, 5504, 5447, 5493, 5303, 5327, 5620, 5411, 5580, 5619, 5698, 5308, 5391, 5279, 5625, 5356, 5359, 5380, 5304, 5445, 5486, 5716, 5590, 5397, 5321, 5450, 5721, 5564, 5402, 5720, 5435, 5328, 5479, 5502, 5516, 5701, 5592, 5312, 5283, 5415, 5573, 5399, 5385, 5631, 5614, 5394, 5572, 5460, 5276, 5667, 5358, 5582 (8 hits) (10/18/2011 04:23:07 PM)
23	9	1.0	333.0	Yes	5272.0MHz, -62.0dBm	Hop sequence: 5311, 5297, 5724, 5597, 5410, 5695, 5617, 5323, 5655, 5665, 5591, 5284, 5295, 5615, 5332, 5280, 5701, 5697, 5315, 5395, 5606, 5540, 5454, 5316, 5440, 5623, 5723, 5510, 5661, 5467, 5283, 5691, 5416, 5363, 5381, 5681, 5718, 5301, 5719, 5288, 5259, 5570, 5304, 5583, 5375, 5678, 5553, 5485,

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5430, 5519, 5675, 5373, 5667, 5380, 5487, 5452, 5402, 5264, 5555, 5390, 5252, 5442, 5435, 5407, 5253, 5556, 5495, 5396, 5663, 5666, 5486, 5690, 5420, 5463, 5429, 5651, 5507, 5634, 5562, 5352, 5413, 5306, 5500, 5346, 5475, 5528, 5482, 5379, 5657, 5581, 5592, 5296, 5359, 5385, 5340, 5431, 5450, 5708, 5361, 5582 (7 hits) (10/18/2011 04:23:17 PM)
24	9	1.0	333.0	Yes	5273.0MHz, -62.0dBm	Hop sequence: 5585, 5376, 5508, 5449, 5423, 5258, 5324, 5512, 5256, 5320, 5523, 5710, 5536, 5331, 5361, 5625, 5534, 5401, 5257, 5409, 5394, 5295, 5366, 5630, 5327, 5692, 5547, 5675, 5520, 5689, 5716, 5326, 5619, 5312, 5414, 5670, 5696, 5308, 5695, 5262, 5314, 5700, 5405, 5663, 5704, 5458, 5408, 5672, 5507, 5464, 5315, 5681, 5633, 5611, 5531, 5382, 5426, 5421, 5434, 5610, 5367, 5442, 5316, 5459, 5338, 5622, 5668, 5571, 5665, 5713, 5583, 5274, 5264, 5533, 5339, 5463, 5374, 5265, 5593, 5559, 5714, 5422, 5291, 5674, 5576, 5373, 5484, 5323, 5694, 5285, 5575, 5687, 5451, 5417, 5436, 5518, 5524, 5429, 5599, 5461 (7 hits) (10/18/2011 04:23:24 PM)
25	9	1.0	333.0	Yes	5274.0MHz, -62.0dBm	Hop sequence: 5440, 5705, 5434, 5286, 5537, 5624, 5690, 5701, 5471, 5326, 5699, 5527, 5726, 5512, 5462, 5653, 5604, 5353, 5524, 5707, 5423, 5313, 5547, 5553, 5710, 5702, 5626, 5493, 5394, 5422, 5359, 5687, 5515, 5519, 5573, 5574, 5531, 5401, 5295, 5616, 5486, 5472, 5410, 5329, 5696, 5564, 5594, 5346, 5250, 5664, 5453, 5601, 5695, 5400, 5330, 5703, 5501, 5407, 5615, 5627, 5279, 5378, 5722, 5420, 5273, 5268, 5706, 5473, 5360, 5467, 5347, 5662, 5290, 5477, 5536, 5719, 5661, 5498, 5640, 5623, 5614, 5724, 5550, 5611, 5587, 5674, 5618, 5411, 5418, 5292, 5321, 5365, 5385, 5427, 5391, 5435, 5559, 5620, 5386, 5307 (3 hits) (10/18/2011

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:23:32 PM)
26	9	1.0	333.0	Yes	5275.0MHz, -62.0dBm	Hop sequence: 5589, 5688, 5399, 5432, 5295, 5289, 5561, 5649, 5398, 5480, 5397, 5331, 5643, 5558, 5491, 5466, 5441, 5664, 5256, 5568, 5278, 5533, 5322, 5280, 5339, 5713, 5701, 5392, 5324, 5394, 5413, 5720, 5487, 5606, 5467, 5351, 5335, 5715, 5442, 5696, 5473, 5409, 5426, 5555, 5652, 5349, 5685, 5479, 5482, 5602, 5484, 5395, 5363, 5532, 5584, 5614, 5662, 5372, 5465, 5497, 5309, 5495, 5387, 5306, 5388, 5714, 5454, 5305, 5353, 5332, 5524, 5628, 5445, 5718, 5499, 5257, 5691, 5581, 5597, 5706, 5618, 5448, 5420, 5494, 5694, 5258, 5542, 5416, 5269, 5446, 5655, 5676, 5598, 5274, 5560, 5596, 5522, 5478, 5535, 5266 (8 hits) (10/18/2011 04:23:41 PM)
27	9	1.0	333.0	Yes	5276.0MHz, -62.0dBm	Hop sequence: 5584, 5625, 5305, 5536, 5445, 5593, 5695, 5458, 5535, 5318, 5571, 5527, 5620, 5412, 5601, 5577, 5293, 5549, 5718, 5522, 5367, 5408, 5694, 5415, 5316, 5621, 5525, 5676, 5326, 5443, 5604, 5490, 5312, 5560, 5291, 5354, 5594, 5259, 5573, 5632, 5508, 5520, 5583, 5351, 5366, 5688, 5504, 5296, 5308, 5257, 5394, 5270, 5721, 5564, 5506, 5671, 5685, 5523, 5684, 5283, 5554, 5386, 5440, 5370, 5321, 5368, 5278, 5557, 5626, 5491, 5352, 5253, 5392, 5397, 5385, 5492, 5567, 5596, 5691, 5518, 5279, 5487, 5512, 5667, 5390, 5405, 5254, 5726, 5616, 5637, 5550, 5465, 5299, 5276, 5494, 5454, 5391, 5702, 5725, 5365 (9 hits) (10/18/2011 04:23:49 PM)
28	9	1.0	333.0	Yes	5277.0MHz, -62.0dBm	Hop sequence: 5460, 5568, 5659, 5347, 5691, 5603, 5385, 5454, 5499, 5268, 5283, 5618, 5371, 5378, 5307, 5519, 5319, 5534, 5462, 5288, 5399, 5423, 5487, 5672, 5420, 5375, 5369, 5617, 5546, 5285, 5440, 5335, 5349, 5472, 5256, 5273, 5698, 5365, 5537, 5384, 5395, 5396, 5336, 5477, 5270, 5340, 5544, 5257,

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5367, 5359, 5601, 5513, 5512, 5476, 5339, 5383, 5652, 5531, 5548, 5683, 5657, 5286, 5717, 5381, 5561, 5689, 5539, 5720, 5297, 5506, 5495, 5716, 5501, 5362, 5298, 5403, 5348, 5723, 5370, 5713, 5538, 5558, 5725, 5392, 5266, 5401, 5670, 5342, 5255, 5425, 5634, 5488, 5259, 5595, 5313, 5426, 5265, 5475, 5574, 5678 (10 hits) (10/18/2011 04:23:58 PM)
29	9	1.0	333.0	Yes	5278.0MHz, -62.0dBm	Hop sequence: 5278, 5668, 5607, 5552, 5560, 5545, 5423, 5613, 5574, 5717, 5651, 5664, 5598, 5475, 5596, 5261, 5434, 5495, 5329, 5265, 5646, 5534, 5553, 5451, 5523, 5603, 5618, 5361, 5582, 5483, 5297, 5604, 5479, 5704, 5477, 5709, 5292, 5340, 5478, 5481, 5416, 5588, 5650, 5275, 5585, 5285, 5308, 5286, 5267, 5572, 5482, 5663, 5531, 5349, 5527, 5541, 5461, 5675, 5410, 5266, 5518, 5454, 5662, 5360, 5330, 5254, 5693, 5673, 5262, 5708, 5571, 5336, 5458, 5563, 5711, 5345, 5597, 5460, 5310, 5369, 5318, 5290, 5720, 5700, 5402, 5561, 5317, 5307, 5578, 5535, 5470, 5293, 5445, 5647, 5634, 5370, 5315, 5356, 5515, 5476 (8 hits) (10/18/2011 04:24:06 PM)
30	9	1.0	333.0	Yes	5279.0MHz, -62.0dBm	Hop sequence: 5288, 5567, 5725, 5591, 5562, 5279, 5390, 5650, 5709, 5607, 5598, 5684, 5292, 5337, 5484, 5612, 5588, 5388, 5468, 5516, 5377, 5489, 5369, 5601, 5500, 5672, 5558, 5518, 5720, 5492, 5478, 5648, 5537, 5448, 5349, 5382, 5273, 5313, 5444, 5406, 5525, 5358, 5585, 5627, 5559, 5351, 5319, 5409, 5389, 5487, 5483, 5405, 5488, 5320, 5318, 5443, 5454, 5300, 5724, 5583, 5306, 5459, 5425, 5477, 5439, 5565, 5723, 5414, 5704, 5686, 5499, 5410, 5474, 5400, 5424, 5457, 5718, 5257, 5362, 5266, 5511, 5721, 5456, 5666, 5624, 5498, 5515, 5455, 5611, 5495, 5435, 5547, 5452, 5613, 5496, 5560, 5625, 5386, 5284, 5617 (5 hits) (10/18/2011

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:24:12 PM)
31	9	1.0	333.0	Yes	5280.0MHz, -62.0dBm	Hop sequence: 5439, 5519, 5658, 5668, 5398, 5532, 5366, 5407, 5384, 5470, 5441, 5406, 5317, 5385, 5332, 5708, 5630, 5613, 5474, 5465, 5644, 5665, 5376, 5408, 5698, 5485, 5707, 5471, 5502, 5393, 5596, 5553, 5609, 5659, 5525, 5652, 5623, 5337, 5557, 5252, 5703, 5528, 5579, 5507, 5529, 5297, 5617, 5537, 5405, 5589, 5571, 5380, 5350, 5288, 5468, 5371, 5520, 5636, 5483, 5562, 5325, 5533, 5284, 5280, 5353, 5329, 5472, 5392, 5642, 5451, 5682, 5601, 5271, 5615, 5311, 5687, 5549, 5637, 5321, 5713, 5359, 5527, 5718, 5605, 5254, 5660, 5418, 5486, 5378, 5300, 5362, 5434, 5436, 5518, 5334, 5645, 5539, 5578, 5631, 5491 (5 hits) (10/18/2011 04:24:22 PM)
32	9	1.0	333.0	Yes	5281.0MHz, -62.0dBm	Hop sequence: 5269, 5334, 5433, 5288, 5446, 5313, 5702, 5582, 5292, 5480, 5638, 5586, 5284, 5526, 5547, 5262, 5488, 5282, 5725, 5600, 5575, 5335, 5697, 5441, 5598, 5724, 5531, 5400, 5444, 5274, 5511, 5564, 5722, 5573, 5455, 5349, 5700, 5464, 5659, 5396, 5560, 5608, 5476, 5562, 5404, 5372, 5580, 5516, 5357, 5676, 5342, 5693, 5416, 5453, 5525, 5385, 5300, 5329, 5481, 5252, 5509, 5418, 5666, 5571, 5672, 5701, 5353, 5518, 5673, 5504, 5486, 5501, 5503, 5265, 5492, 5717, 5275, 5299, 5498, 5698, 5379, 5694, 5695, 5386, 5670, 5502, 5692, 5655, 5374, 5388, 5461, 5347, 5450, 5649, 5367, 5596, 5457, 5591, 5540, 5664 (8 hits) (10/18/2011 04:24:30 PM)
33	9	1.0	333.0	Yes	5282.0MHz, -62.0dBm	Hop sequence: 5680, 5509, 5278, 5283, 5571, 5450, 5668, 5348, 5287, 5630, 5601, 5611, 5689, 5560, 5399, 5335, 5464, 5587, 5502, 5686, 5264, 5522, 5495, 5621, 5683, 5360, 5303, 5434, 5672, 5644, 5561, 5639, 5595, 5650, 5649, 5369, 5576, 5266, 5344, 5607, 5546, 5276, 5591, 5662, 5678, 5629, 5353, 5307,

Table 125 - FCC frequency hopping radar (Type 6) Results CU Steady State						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5254, 5367, 5493, 5626, 5468, 5436, 5551, 5569, 5440, 5422, 5510, 5351, 5356, 5559, 5325, 5272, 5666, 5295, 5590, 5620, 5583, 5342, 5306, 5419, 5316, 5623, 5476, 5299, 5371, 5390, 5304, 5277, 5532, 5357, 5394, 5265, 5655, 5431, 5512, 5718, 5499, 5474, 5526, 5308, 5565, 5507, 5341, 5391, 5698, 5472, 5460, 5616 (9 hits) (10/18/2011 04:24:40 PM)

Table 126 - Long Sequence Waveform Summary CU Steady State		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5268.0MHz, -62.0dBm
Trial #2	Detected	5263.0MHz, -62.0dBm
Trial #3	Detected	5258.0MHz, -62.0dBm
Trial #4	Detected	5278.0MHz, -62.0dBm
Trial #5	Detected	5273.0MHz, -62.0dBm
Trial #6	Detected	5268.0MHz, -62.0dBm
Trial #7	Detected	5263.0MHz, -62.0dBm
Trial #8	Detected	5258.0MHz, -62.0dBm
Trial #9	Detected	5278.0MHz, -62.0dBm
Trial #10	Detected	5273.0MHz, -62.0dBm
Trial #11	Detected	5268.0MHz, -62.0dBm
Trial #12	Detected	5263.0MHz, -62.0dBm
Trial #13	Detected	5258.0MHz, -62.0dBm
Trial #14	Detected	5278.0MHz, -62.0dBm
Trial #15	Detected	5273.0MHz, -62.0dBm
Trial #16	Detected	5268.0MHz, -62.0dBm
Trial #17	Detected	5263.0MHz, -62.0dBm
Trial #18	Detected	5258.0MHz, -62.0dBm
Trial #19	Detected	5278.0MHz, -62.0dBm

Table 126 - Long Sequence Waveform Summary CU Steady State		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #20	Detected	5273.0MHz, -62.0dBm
Trial #21	Detected	5268.0MHz, -62.0dBm
Trial #22	Detected	5263.0MHz, -62.0dBm
Trial #23	Detected	5258.0MHz, -62.0dBm
Trial #24	Detected	5278.0MHz, -62.0dBm
Trial #25	Detected	5273.0MHz, -62.0dBm
Trial #26	Detected	5268.0MHz, -62.0dBm
Trial #27	Detected	5263.0MHz, -62.0dBm
Trial #28	Detected	5258.0MHz, -62.0dBm
Trial #29	Detected	5278.0MHz, -62.0dBm
Trial #30	Detected	5273.0MHz, -62.0dBm

Table 127 - CU Steady State Long Sequence Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	65.5	9	1368.0	-	0.213786
2	2	82.7	19	1459.0	-	0.651337
3	3	94.4	16	1371.0	1899.0	1.715784
4	2	68.1	14	1168.0	-	2.013117
5	2	92.2	6	1792.0	-	2.928542
6	1	76.7	9	-	-	3.397770
7	2	85.6	18	1368.0	-	4.131765
8	2	55.3	8	1870.0	-	4.509792
9	2	54.0	6	1391.0	-	5.560820
10	2	71.0	5	1265.0	-	6.053890
11	2	83.4	16	1357.0	-	6.742221
12	2	89.7	6	1777.0	-	7.500088
13	3	57.7	17	1497.0	1785.0	7.684415
14	2	75.9	15	1257.0	-	8.453094
15	1	52.7	13	-	-	9.164042
16	3	88.6	6	1109.0	1688.0	10.011766
17	3	87.4	6	1276.0	1874.0	10.471721
18	1	68.3	17	-	-	10.976166
19	3	69.0	18	1055.0	1431.0	11.908415

Table 128 - CU Steady State Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	64.7	15	1051.0	-	0.852047
2	3	97.6	10	1431.0	1653.0	1.941644
3	1	60.9	19	-	-	2.533058

Table 128 - CU Steady State Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
4	1	96.2	6	-	-	3.613191
5	2	61.3	7	1257.0	-	4.015925
6	2	60.5	19	1964.0	-	5.493574
7	2	99.4	13	1074.0	-	6.655411
8	1	88.3	6	-	-	7.872445
9	2	65.0	19	1133.0	-	8.547172
10	2	59.8	10	1396.0	-	9.753233
11	3	71.9	11	1134.0	1279.0	10.417486
12	2	68.2	20	1965.0	-	11.854141

Table 129 - CU Steady State Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	87.9	19	1294.0	1890.0	0.307998
2	2	69.9	11	1151.0	-	2.332907
3	3	71.3	15	1452.0	1162.0	2.704109
4	3	81.8	13	1673.0	1652.0	3.832526
5	1	69.9	11	-	-	5.757908
6	2	67.6	7	1621.0	-	6.998673
7	2	62.6	9	1614.0	-	7.678400
8	2	83.4	20	1553.0	-	9.218874
9	2	86.6	17	1894.0	-	10.797882
10	2	80.0	12	1604.0	-	11.495908

Table 130 - CU Steady State Long Sequence Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	97.0	6	1162.0	-	0.179702
2	3	91.7	20	1204.0	1929.0	1.702130
3	2	67.5	5	1874.0	-	2.077286
4	3	55.3	19	1083.0	1965.0	3.039795
5	3	95.8	15	1557.0	1976.0	4.427118
6	3	67.1	18	1861.0	1055.0	5.206093
7	1	63.6	14	-	-	6.150886
8	2	78.3	8	1910.0	-	7.259397
9	2	69.6	12	1826.0	-	7.941121
10	2	62.6	18	1314.0	-	8.354284
11	3	72.9	19	1115.0	1877.0	9.360820
12	3	95.0	12	1006.0	1625.0	10.641558
13	2	93.3	7	1887.0	-	11.574790

Table 131 - CU Steady State Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	58.7	7	1320.0	1425.0	0.055175
2	2	82.5	16	1877.0	-	1.583980
3	3	53.6	18	1994.0	1029.0	2.390467
4	2	89.4	11	1972.0	-	2.648917
5	2	98.5	19	1004.0	-	3.237257

Table 131 - CU Steady State Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
6	2	58.3	19	1790.0	-	4.124362
7	2	82.8	19	1934.0	-	5.141648
8	2	56.9	8	1995.0	-	5.783078
9	2	81.5	9	1400.0	-	6.410903
10	3	55.1	7	1071.0	1902.0	7.430962
11	2	59.2	8	1765.0	-	8.345377
12	2	81.7	16	1491.0	-	9.419469
13	1	84.0	7	-	-	10.151546
14	1	55.7	19	-	-	10.591994
15	2	82.6	11	1568.0	-	11.621470

Table 132 - CU Steady State Long Sequence Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	79.5	18	1089.0	-	0.455057
2	3	96.7	17	1703.0	1252.0	1.806475
3	2	83.6	16	1371.0	-	2.566476
4	2	57.7	8	1605.0	-	3.545365
5	1	85.4	7	-	-	4.600799
6	2	91.4	11	1631.0	-	5.286103
7	1	63.0	18	-	-	6.915032
8	1	70.3	19	-	-	7.095286
9	1	55.1	19	-	-	8.713387
10	2	98.1	8	1487.0	-	9.731760
11	1	57.1	11	-	-	10.115720
12	2	89.1	9	1463.0	-	11.419749

Table 133 - CU Steady State Long Sequence Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	61.3	14	1650.0	1149.0	1.028004
2	2	78.6	15	1602.0	-	1.126406
3	2	94.2	14	1093.0	-	2.329627
4	1	86.8	14	-	-	3.412817
5	2	81.2	7	1449.0	-	5.006255
6	1	57.1	10	-	-	5.455086
7	3	68.0	19	1660.0	1327.0	7.145722
8	3	93.0	16	1369.0	1508.0	8.101883
9	1	65.2	15	-	-	9.269704
10	2	59.8	17	1046.0	-	10.464717
11	3	62.2	12	1493.0	1954.0	11.420866

Table 134 - CU Steady State Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	89.9	19	1506.0	-	0.673749
2	2	93.4	7	1039.0	-	2.383664
3	1	75.0	20	-	-	2.922854
4	3	54.3	8	1712.0	1838.0	4.503945

Table 134 - CU Steady State Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
5	2	92.2	18	1367.0	-	5.822312
6	3	87.6	15	1240.0	1320.0	6.846796
7	1	55.3	18	-	-	7.753351
8	3	91.3	8	1213.0	1187.0	8.607237
9	2	88.2	16	1271.0	-	10.629758
10	2	55.8	6	1915.0	-	11.798442

Table 135 - CU Steady State Long Sequence Waveform Trial#9 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	95.4	15	1930.0	1949.0	0.102136
2	1	88.7	13	-	-	1.280466
3	3	80.2	10	1695.0	1539.0	1.639033
4	1	88.5	17	-	-	2.654612
5	2	91.8	7	1965.0	-	3.189441
6	1	57.9	7	-	-	3.741891
7	2	75.9	17	1619.0	-	4.375871
8	2	89.8	16	1126.0	-	4.680023
9	2	74.8	16	1694.0	-	5.342985
10	2	54.0	12	1091.0	-	6.373241
11	2	93.4	8	1067.0	-	6.757260
12	2	59.8	18	1563.0	-	7.444814
13	2	99.0	5	1439.0	-	8.086068
14	2	62.1	5	1849.0	-	8.903258
15	2	65.2	7	1453.0	-	9.576878
16	1	53.6	7	-	-	10.373543
17	1	51.1	6	-	-	10.817913
18	3	75.1	10	1980.0	1350.0	11.603359

Table 136 - CU Steady State Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	52.1	5	1358.0	1091.0	0.273175
2	2	98.0	9	1067.0	-	1.186651
3	1	68.5	15	-	-	1.343943
4	2	60.0	15	1541.0	-	2.230966
5	1	52.5	10	-	-	2.699951
6	1	84.5	10	-	-	3.352259
7	1	64.1	20	-	-	4.164058
8	1	51.0	11	-	-	4.910777
9	3	54.8	11	1025.0	1598.0	5.660319
10	3	89.7	7	1561.0	1474.0	5.806189
11	1	71.8	6	-	-	6.707404
12	3	85.9	20	1583.0	1438.0	7.337967
13	2	65.6	12	1466.0	-	7.917556
14	2	64.6	16	1345.0	-	8.670525
15	2	68.8	14	1785.0	-	9.230325
16	3	98.6	16	1663.0	1781.0	9.854409
17	2	53.8	15	1020.0	-	10.348198
18	2	74.0	7	1643.0	-	10.849268

Table 136 - CU Steady State Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
19	3	91.8	16	1915.0	1115.0	11.737668

Table 137 - CU Steady State Long Sequence Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	65.3	8	1400.0	-	0.649465
2	2	60.8	17	1423.0	-	1.763984
3	3	88.0	10	1798.0	1289.0	2.077224
4	2	99.1	14	1565.0	-	3.024954
5	2	50.7	13	1722.0	-	4.446759
6	1	88.9	18	-	-	5.248191
7	1	60.3	6	-	-	5.951468
8	2	76.0	12	1585.0	-	6.470125
9	2	82.9	9	1616.0	-	7.565917
10	2	81.3	8	1627.0	-	8.513537
11	2	89.9	12	1266.0	-	9.761706
12	2	96.3	10	1778.0	-	10.395176
13	2	57.3	10	1003.0	-	11.280541

Table 138 - CU Steady State Long Sequence Waveform Trial#12 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	50.7	11	1201.0	-	0.521598
2	2	80.1	12	1617.0	-	1.159793
3	3	95.1	20	1159.0	1159.0	1.372070
4	1	73.4	14	-	-	2.139327
5	2	57.1	11	1365.0	-	3.313486
6	1	59.8	11	-	-	3.834999
7	1	58.1	13	-	-	4.059196
8	2	78.2	19	1590.0	-	4.977660
9	2	74.3	16	1231.0	-	5.691702
10	3	72.1	14	1062.0	1041.0	6.213593
11	1	95.4	12	-	-	7.324587
12	3	100.0	6	1926.0	1354.0	7.673585
13	2	82.3	9	1773.0	-	8.126370
14	3	97.4	14	1773.0	1505.0	8.908831
15	2	56.0	6	1910.0	-	9.786107
16	3	59.2	12	1857.0	1472.0	10.398549
17	3	65.4	10	1419.0	1678.0	11.107836
18	3	97.6	19	1051.0	1063.0	11.768964

Table 139 - CU Steady State Long Sequence Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	64.5	15	1872.0	1402.0	0.382979
2	2	87.1	7	1055.0	-	0.668012
3	2	67.9	15	1307.0	-	1.400633
4	2	71.1	10	1089.0	-	2.259390
5	3	82.6	6	1979.0	1572.0	3.062450

Table 139 - CU Steady State Long Sequence Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
6	1	60.7	16	-	-	3.766247
7	2	64.2	15	1440.0	-	4.025087
8	1	89.2	9	-	-	4.665644
9	2	75.0	19	1559.0	-	5.546973
10	1	50.5	19	-	-	6.306199
11	2	58.2	5	1530.0	-	6.532382
12	2	67.1	12	1321.0	-	7.039947
13	2	66.5	13	1728.0	-	7.930554
14	2	68.5	9	1944.0	-	8.625869
15	2	77.7	6	1176.0	-	9.134665
16	2	65.9	7	1909.0	-	9.873593
17	1	62.5	15	-	-	10.147027
18	1	50.8	9	-	-	11.177543
19	1	59.8	10	-	-	11.529556

Table 140 - CU Steady State Long Sequence Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	96.0	12	1168.0	-	0.607087
2	2	95.3	10	1654.0	-	0.756130
3	3	97.3	8	1595.0	1187.0	1.576188
4	1	56.8	12	-	-	2.012995
5	3	77.5	18	1230.0	1367.0	3.131100
6	2	73.8	15	1157.0	-	3.458405
7	1	99.8	17	-	-	4.180003
8	2	63.5	5	1597.0	-	5.216371
9	2	63.3	9	1971.0	-	5.378547
10	2	88.3	19	1019.0	-	6.060104
11	2	55.7	7	1920.0	-	6.758344
12	1	90.0	10	-	-	7.691973
13	2	77.6	19	1930.0	-	8.471213
14	1	85.6	11	-	-	8.759243
15	2	50.7	11	1210.0	-	9.621180
16	2	87.8	11	1395.0	-	10.364017
17	3	99.9	6	1006.0	1428.0	10.850560
18	3	69.2	8	1761.0	1284.0	11.605356

Table 141 - CU Steady State Long Sequence Waveform Trial#15 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	92.2	17	-	-	0.338621
2	2	76.4	15	1617.0	-	2.350395
3	1	93.3	17	-	-	3.319285
4	2	68.9	17	1323.0	-	5.112535
5	2	93.4	19	1739.0	-	6.257189
6	1	51.0	17	-	-	7.463375
7	2	69.8	12	1738.0	-	9.237165
8	2	86.9	17	1553.0	-	10.146256
9	3	76.8	15	1631.0	1961.0	11.619525

Table 142 - CU Steady State Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	61.8	19	1968.0	-	0.396554
2	1	77.8	10	-	-	0.952110
3	1	54.6	14	-	-	1.752888
4	2	96.3	9	1427.0	-	2.066805
5	2	64.9	17	1087.0	-	2.869525
6	1	51.5	13	-	-	3.530496
7	1	69.3	11	-	-	4.156480
8	1	67.8	8	-	-	4.446731
9	2	96.0	6	1708.0	-	5.278876
10	2	86.4	7	1289.0	-	6.078547
11	2	96.1	16	1424.0	-	6.491165
12	2	52.3	15	1604.0	-	7.170388
13	2	56.1	7	1899.0	-	8.071847
14	1	82.0	13	-	-	8.713694
15	2	60.5	6	1070.0	-	9.311591
16	2	97.1	11	1211.0	-	9.674324
17	3	99.1	11	1466.0	1529.0	10.491170
18	1	89.6	20	-	-	10.785449
19	3	85.9	17	1878.0	1485.0	11.439978

Table 143 - CU Steady State Long Sequence Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	90.9	6	-	-	0.419978
2	1	78.9	19	-	-	1.379076
3	2	65.9	16	1322.0	-	2.272124
4	2	88.2	18	1928.0	-	2.871516
5	1	100.0	15	-	-	4.102667
6	1	55.7	20	-	-	4.621439
7	1	60.9	6	-	-	6.272643
8	2	94.1	11	1707.0	-	7.194722
9	3	80.5	19	1054.0	1974.0	7.632958
10	1	80.9	19	-	-	8.579925
11	2	53.5	17	1475.0	-	10.091120
12	1	84.1	20	-	-	10.971204
13	3	61.4	9	1037.0	1031.0	11.901016

Table 144 - CU Steady State Long Sequence Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	57.5	13	1349.0	-	0.151547
2	1	55.0	18	-	-	1.592320
3	1	53.5	20	-	-	3.624083
4	1	99.8	10	-	-	5.636163
5	2	89.9	20	1132.0	-	7.015289
6	3	57.9	14	1663.0	1111.0	8.705002
7	2	59.5	9	1022.0	-	10.123433
8	1	96.2	14	-	-	10.853748

Table 145 - CU Steady State Long Sequence Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	64.7	10	1909.0	-	0.279389
2	2	80.4	16	1743.0	-	1.597171
3	2	81.3	9	1575.0	-	2.547291
4	3	62.8	16	1818.0	1806.0	2.626723
5	2	94.8	16	1828.0	-	3.991344
6	1	51.6	19	-	-	4.371802
7	1	71.8	18	-	-	5.349714
8	2	66.3	16	1495.0	-	6.273359
9	1	71.3	14	-	-	7.221752
10	2	70.8	20	1172.0	-	8.265191
11	3	68.2	18	1008.0	1790.0	8.732517
12	2	98.3	5	1035.0	-	9.778213
13	2	74.6	9	1957.0	-	10.598710
14	3	50.2	9	1247.0	1482.0	11.416765

Table 146 - CU Steady State Long Sequence Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	96.3	8	-	-	0.702442
2	2	74.2	7	1474.0	-	1.298181
3	2	98.2	17	1442.0	-	1.826471
4	1	76.8	14	-	-	2.651496
5	3	58.2	11	1119.0	1287.0	3.862852
6	2	73.0	8	1807.0	-	4.036292
7	3	78.8	13	1004.0	1661.0	5.405854
8	2	70.5	14	1477.0	-	5.601008
9	2	75.1	13	1865.0	-	6.937342
10	3	53.0	15	1534.0	1999.0	7.460443
11	2	67.0	16	1578.0	-	8.794263
12	2	53.7	15	1156.0	-	9.382202
13	2	61.3	17	1800.0	-	10.314382
14	1	95.9	11	-	-	10.560324
15	2	72.5	16	1241.0	-	11.821736

Table 147 - CU Steady State Long Sequence Waveform Trial#21 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	67.5	18	1902.0	1201.0	1.279796
2	2	95.5	16	1389.0	-	2.302920
3	1	95.1	15	-	-	3.166249
4	1	97.3	13	-	-	5.145938
5	1	95.5	11	-	-	7.174190
6	1	98.9	6	-	-	7.509542
7	3	89.4	16	1295.0	1949.0	9.703289
8	1	97.4	16	-	-	10.940919

Table 148 - CU Steady State Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)

Table 148 - CU Steady State Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	59.1	16	1810.0	-	0.478328
2	1	61.9	20	-	-	2.065944
3	1	87.6	15	-	-	3.379997
4	1	63.0	6	-	-	4.172633
5	2	50.3	12	1430.0	-	5.844086
6	3	95.4	17	1965.0	1218.0	6.314033
7	2	93.4	20	1381.0	-	8.275240
8	2	98.0	7	1076.0	-	9.330571
9	3	93.3	13	1303.0	1786.0	10.540513
10	1	55.3	14	-	-	10.836159

Table 149 - CU Steady State Long Sequence Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	90.3	6	1407.0	-	0.063224
2	1	59.3	6	-	-	0.821741
3	2	66.8	7	1641.0	-	1.954193
4	1	69.3	9	-	-	2.321481
5	2	81.4	8	1114.0	-	3.198531
6	2	81.1	6	1926.0	-	3.977303
7	2	69.9	12	1057.0	-	5.179254
8	2	77.9	17	1140.0	-	5.500225
9	2	68.0	19	1918.0	-	6.297181
10	3	75.0	16	1438.0	1329.0	7.487650
11	1	68.0	14	-	-	8.043405
12	2	72.0	13	1573.0	-	8.876160
13	2	55.8	20	1284.0	-	9.712559
14	2	54.2	14	1691.0	-	9.807131
15	3	53.6	12	1741.0	1412.0	10.919417
16	3	99.8	9	1688.0	1937.0	11.558539

Table 150 - CU Steady State Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	82.4	12	-	-	0.180366
2	2	52.5	13	1742.0	-	0.969549
3	2	79.8	7	1193.0	-	1.990788
4	2	56.7	9	1440.0	-	3.052832
5	2	69.8	6	1225.0	-	3.561390
6	2	83.0	5	1493.0	-	4.694514
7	2	86.9	10	1053.0	-	4.848638
8	3	94.1	13	1372.0	1304.0	6.018271
9	1	98.6	15	-	-	7.112589
10	2	74.6	14	1125.0	-	7.298377
11	2	78.0	15	1396.0	-	8.548950
12	2	75.0	17	1536.0	-	9.226250
13	2	68.1	7	1849.0	-	10.292337
14	2	80.7	9	1183.0	-	11.141739
15	2	93.0	12	1483.0	-	11.419382

Table 151 - CU Steady State Long Sequence Waveform Trial#25 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	57.3	11	1466.0	-	0.013410
2	2	92.7	8	1928.0	-	1.148127
3	2	84.3	7	1702.0	-	1.950893
4	2	68.4	6	1863.0	-	2.639120
5	2	66.8	8	1463.0	-	3.792345
6	2	86.3	11	1248.0	-	4.519758
7	3	64.4	13	1053.0	1628.0	5.439942
8	2	94.0	16	1386.0	-	6.264203
9	2	72.2	14	1735.0	-	6.949487
10	1	76.7	8	-	-	8.044768
11	1	54.2	19	-	-	9.318960
12	1	86.9	14	-	-	9.948127
13	2	66.1	13	1689.0	-	10.749609
14	1	99.5	10	-	-	11.956740

Table 152 - CU Steady State Long Sequence Waveform Trial#26 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	75.3	20	-	-	1.080289
2	3	86.9	18	1568.0	1495.0	1.893273
3	2	71.5	10	1875.0	-	3.333998
4	2	88.7	18	1905.0	-	5.065291
5	1	85.9	15	-	-	6.756437
6	2	96.9	10	1390.0	-	8.637949
7	2	85.1	10	1393.0	-	10.091478
8	1	79.4	12	-	-	10.732026

Table 153 - CU Steady State Long Sequence Waveform Trial#27 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	69.0	6	-	-	0.698085
2	2	81.3	5	1389.0	-	2.162197
3	1	78.8	17	-	-	2.847246
4	2	99.0	10	1762.0	-	4.276759
5	3	77.8	10	1478.0	1058.0	4.709662
6	3	54.5	6	1598.0	1259.0	6.191835
7	3	54.9	8	1044.0	1392.0	7.550598
8	2	67.1	17	1903.0	-	8.023043
9	3	63.9	12	1564.0	1624.0	9.314390
10	2	50.6	17	1579.0	-	9.906926
11	2	68.5	15	1838.0	-	11.070379

Table 154 - CU Steady State Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	56.2	8	-	-	0.261795
2	2	67.4	8	1151.0	-	1.407669
3	2	85.7	14	1955.0	-	3.123735
4	2	67.4	11	1527.0	-	3.871710

Table 154 - CU Steady State Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
5	2	80.0	15	1892.0	-	5.301239
6	2	68.8	16	1904.0	-	5.692540
7	2	85.7	13	1761.0	-	6.569354
8	3	89.1	19	1185.0	1057.0	7.847201
9	1	79.9	15	-	-	9.195549
10	3	89.8	14	1366.0	1946.0	10.700758
11	1	81.6	18	-	-	11.920234

Table 155 - CU Steady State Long Sequence Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	94.7	18	1284.0	-	0.297636
2	2	81.3	6	1529.0	-	0.716105
3	2	64.3	18	1663.0	-	1.390566
4	2	67.0	7	1502.0	-	2.620600
5	2	94.2	15	1069.0	-	3.091463
6	1	69.7	14	-	-	3.822922
7	3	74.4	7	1655.0	1610.0	4.067766
8	2	59.0	9	1822.0	-	5.050879
9	1	79.7	15	-	-	5.723779
10	3	62.4	12	1643.0	1813.0	6.092340
11	2	63.2	8	1240.0	-	7.258279
12	2	52.5	11	1755.0	-	7.952228
13	2	57.4	17	1655.0	-	8.389412
14	2	81.8	7	1816.0	-	8.979190
15	1	60.0	8	-	-	9.991892
16	3	96.6	16	1748.0	1909.0	10.406006
17	2	68.9	13	1023.0	-	10.902532
18	2	69.8	12	1509.0	-	11.907944

Table 156 - CU Steady State Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	96.3	18	1937.0	1670.0	0.170957
2	1	99.2	10	-	-	1.312851
3	2	72.4	8	1970.0	-	2.358946
4	3	91.4	15	1816.0	1048.0	3.860652
5	2	91.7	12	1306.0	-	4.634371
6	2	81.6	6	1010.0	-	6.278590
7	1	98.4	16	-	-	6.756768
8	3	91.5	10	1001.0	1107.0	7.930238
9	1	93.9	12	-	-	9.167984
10	3	59.3	11	1254.0	1774.0	10.354046
11	2	51.9	14	1396.0	-	11.550173

Table 157 - CU Steady State Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5251.00 MHz	0	3	0
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5252.00 MHz	9	1	90
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5253.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5254.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5255.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5256.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5257.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5258.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5259.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5260.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5261.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5262.00 MHz	9	1	90
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5263.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5264.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5265.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5266.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5267.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5268.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5269.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5270.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5271.00 MHz	9	1	90
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5272.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5273.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5274.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5275.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5276.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5277.00 MHz	10	0	100

Table 157 - CU Steady State Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5278.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5279.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5280.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5281.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5282.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5283.00 MHz	10	0	100
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5284.00 MHz	9	1	90
5268.00 MHz	FCC Short Pulse Radar (Type 1)	5285.00 MHz	1	3	25

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements WU (CU Synchronization Mode)

Table 158 - FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time [1]		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1	0 ms	60 ms	-9 ms	10 s	Pass
Radar Type 5	0 ms	60 ms	-8.72 s	10 s	Pass

After the final channel closing test the channel was monitored for a further 30 minutes. No transmissions occurred on the channel.

[1] Channel closing time for FCC measurements is the aggregate transmission time starting from 200ms after the end of the radar signal to the completion of the channel move.

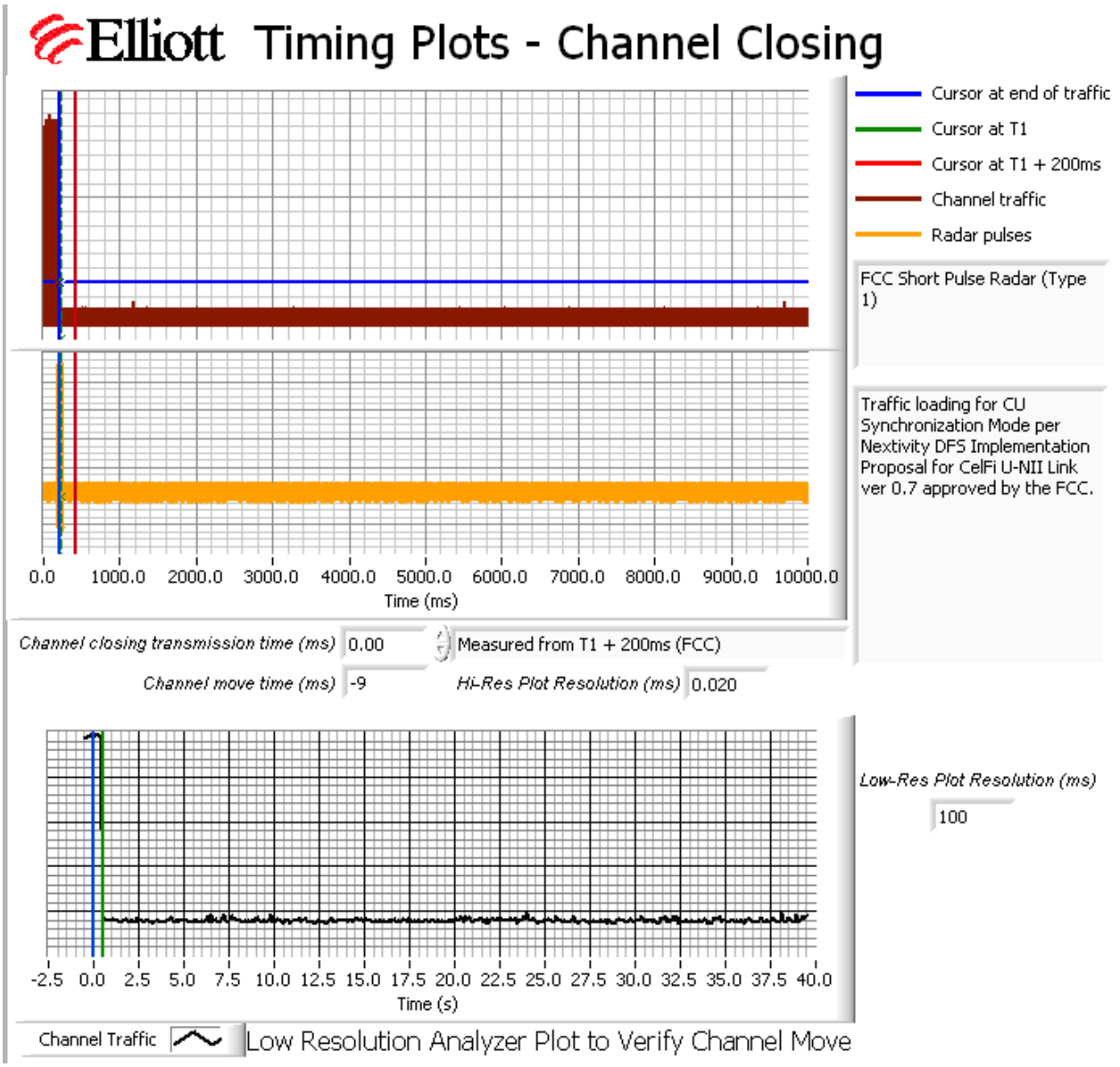

Figure 4 Channel Closing Time and Channel Move Time, WU (CU Synchronization Mode) (Type 1) – 40 second plot

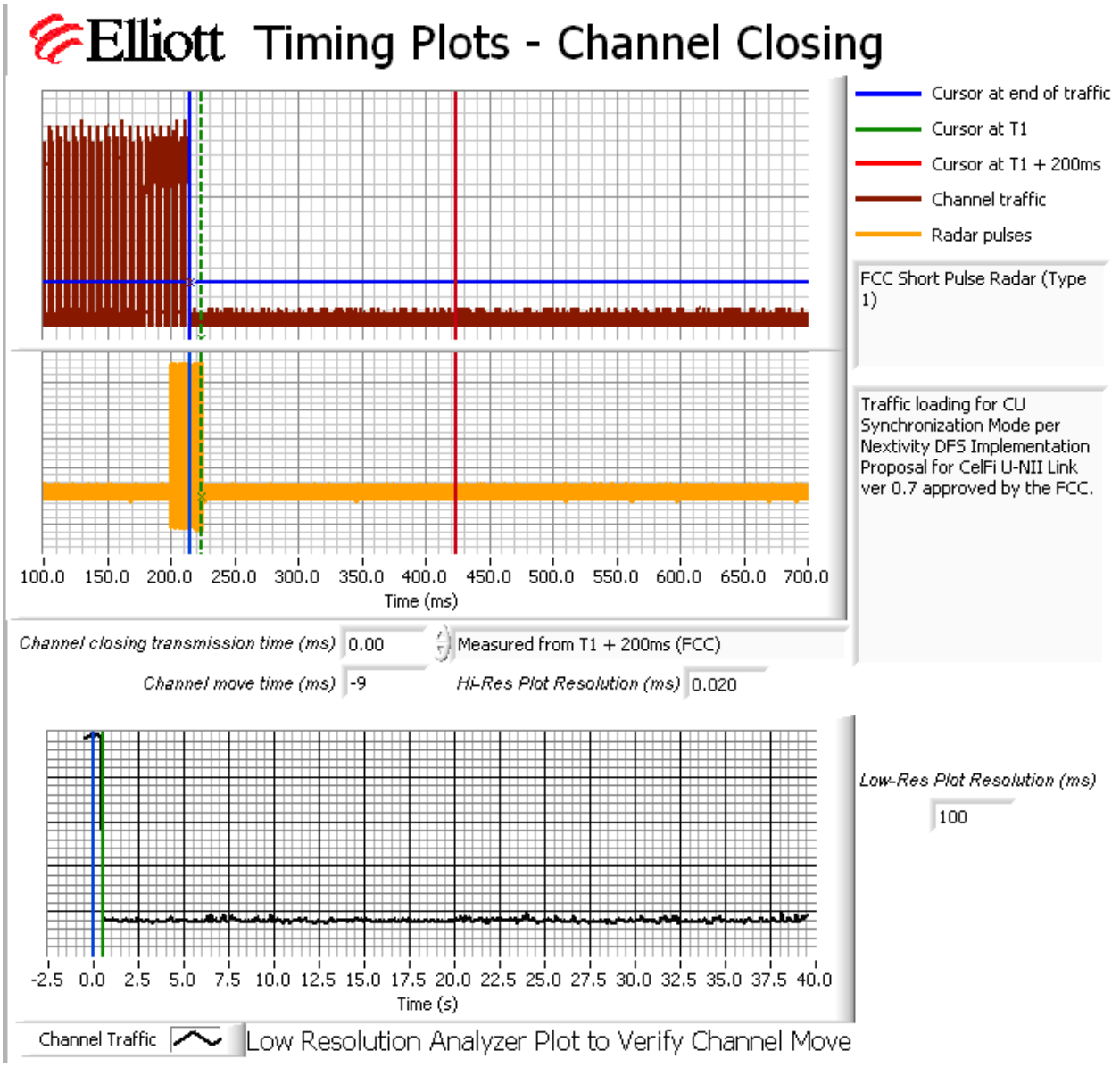

Figure 5 Close-Up of Transmissions Occurring > 200ms After The End of Radar, WU (CU Synchronization Mode) (Type 1)

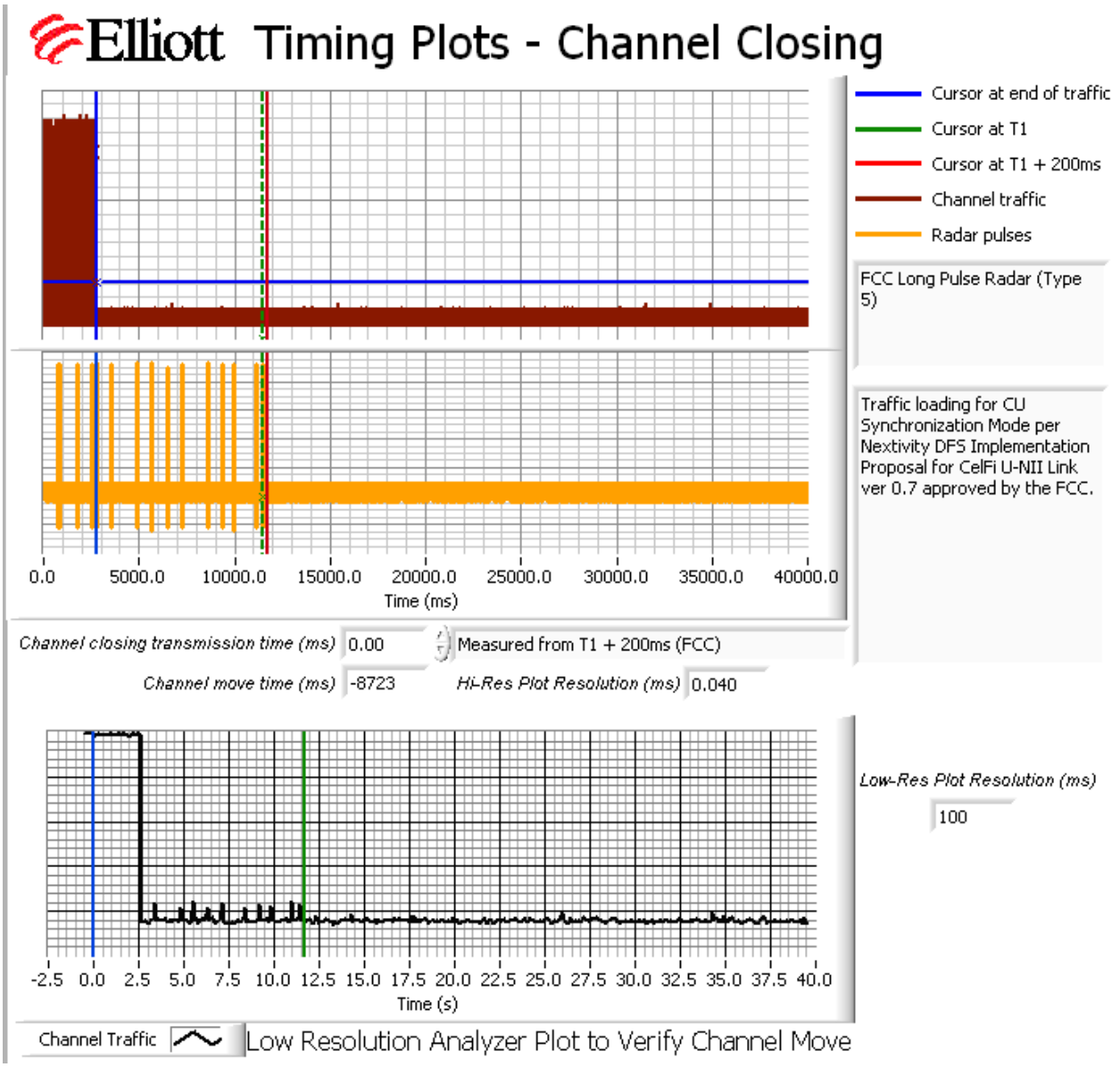

Figure 6 Channel Closing Time and Channel Move Time, WU (CU Synchronization Mode) (Type 5) – 40 second plot

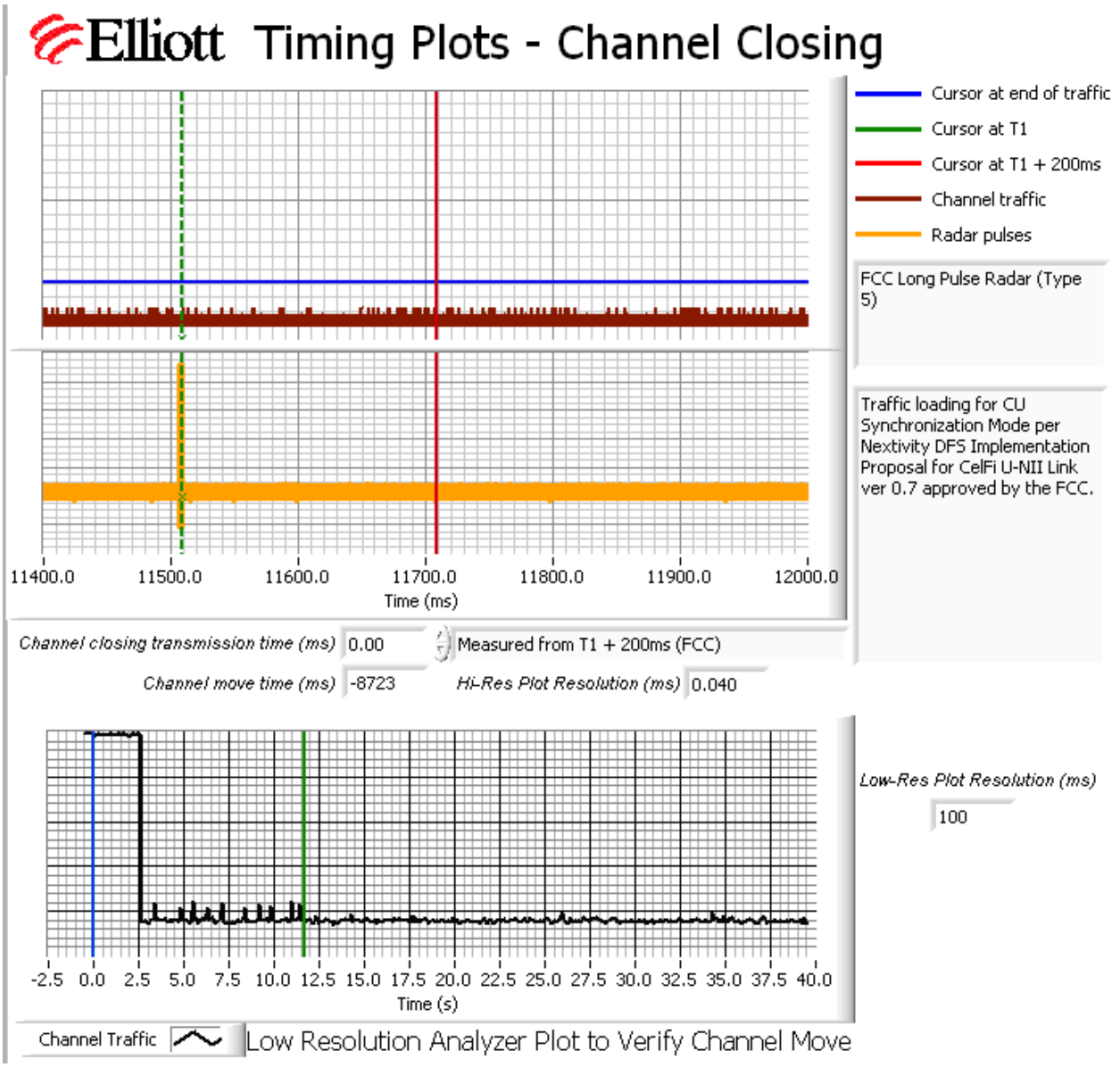

Figure 7 Close-Up of Transmissions Occurring > 200ms After The End of Radar, WU (CU Synchronization Mode) (Type 5)

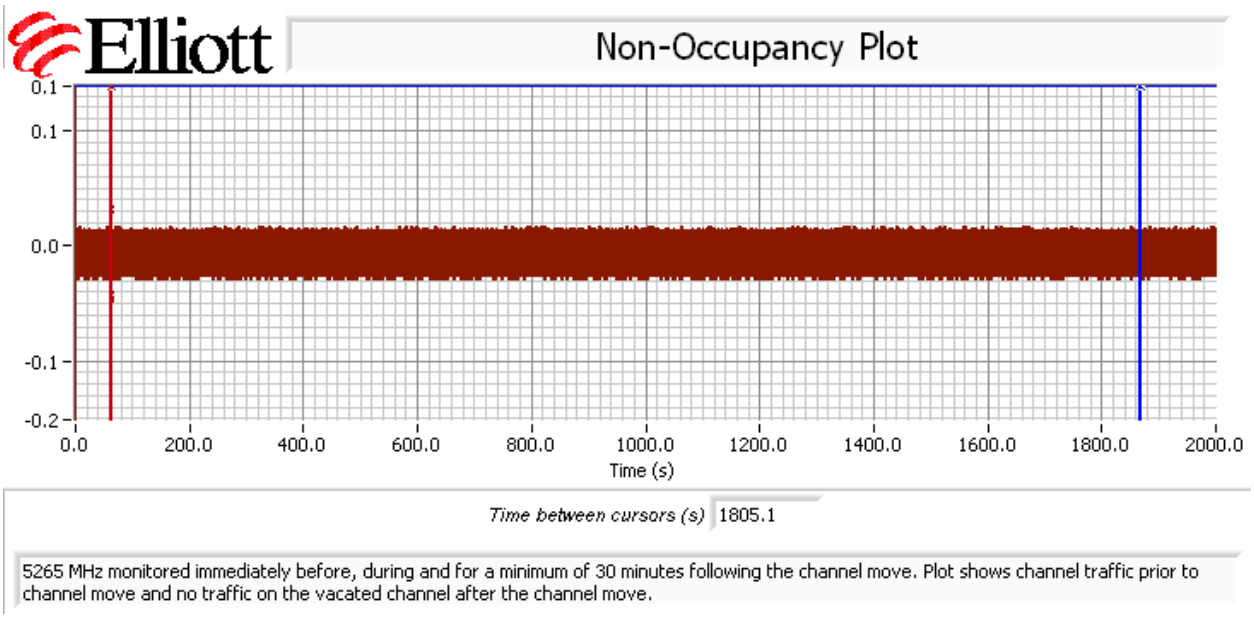

Figure 8 Radar Channel Non-Occupancy Plot, WU (CU Synchronization Mode)

The non-occupancy plot was made over a 30-minute time period following the channel move time with the analyzer IF output connected to the scope and tuned to the vacated channel. No transmissions were observed after the channel move had been completed.

FCC PART 15 SUBPART E Channel Closing Measurements WU (Steady State Mode)

Table 159 - FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time [1]		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1	0 ms	60 ms	147 ms	10 s	Pass
Radar Type 5	0 ms	60 ms	0 ms	10 s	Pass

After the final channel closing test the channel was monitored for a further 30 minutes. No transmissions occurred on the channel.

[1] Channel closing time for FCC measurements is the aggregate transmission time starting from 200ms after the end of the radar signal to the completion of the channel move.

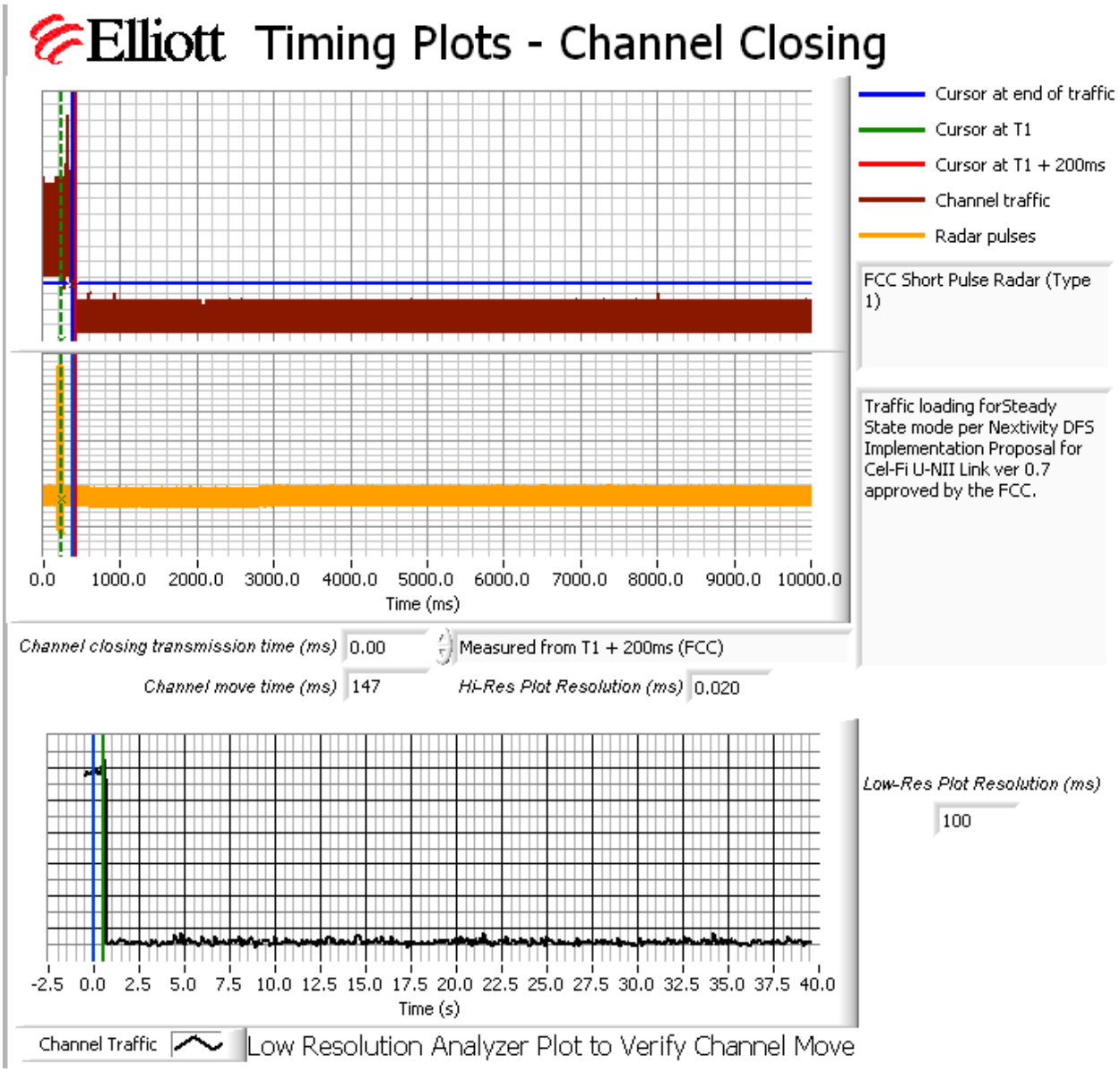

Figure 9 Channel Closing Time and Channel Move Time, WU (Type 1) – 40 second plot

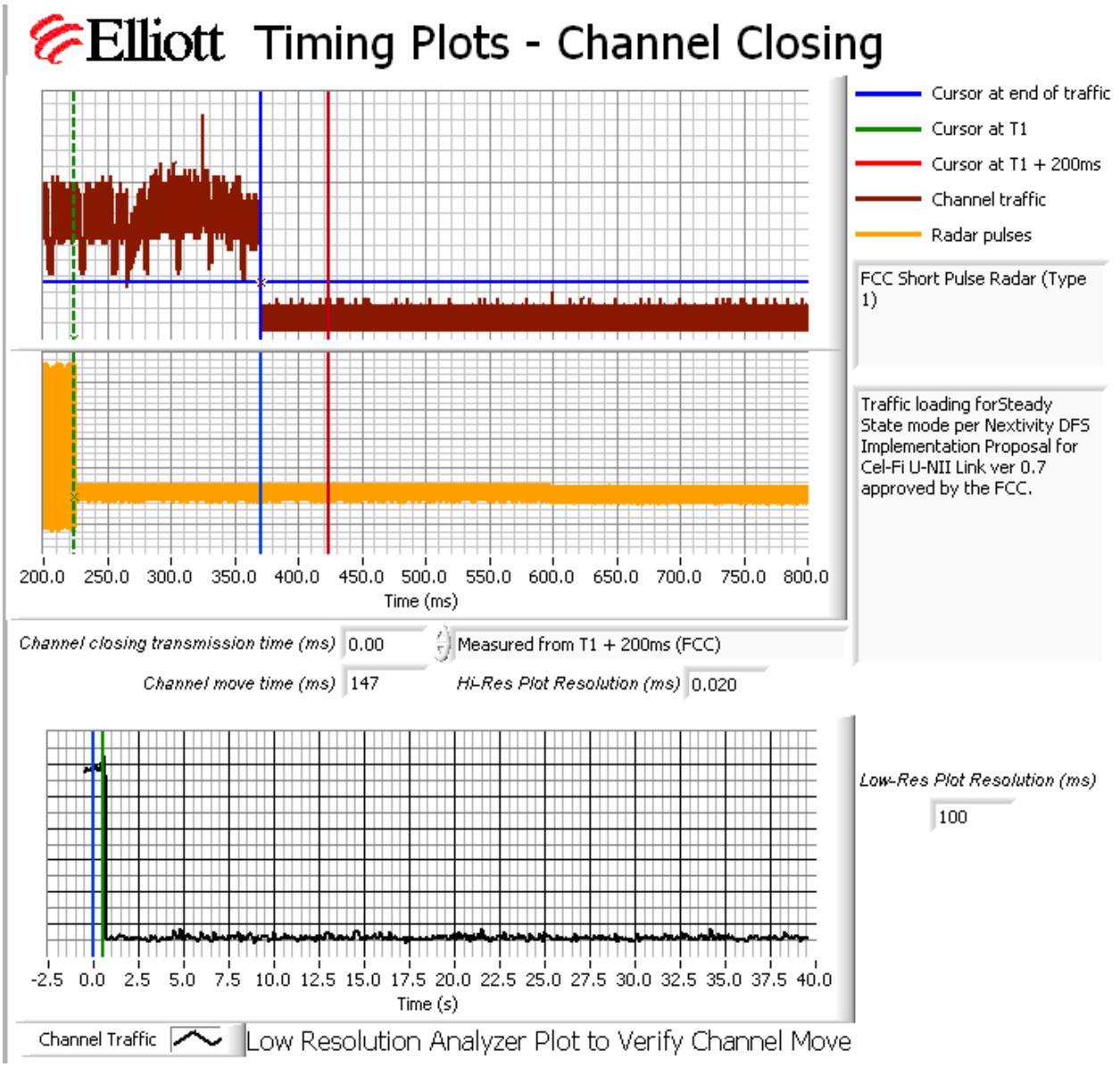

Figure 10 Close-Up of Transmissions Occurring > 200ms After The End of Radar, WU (Type 1)

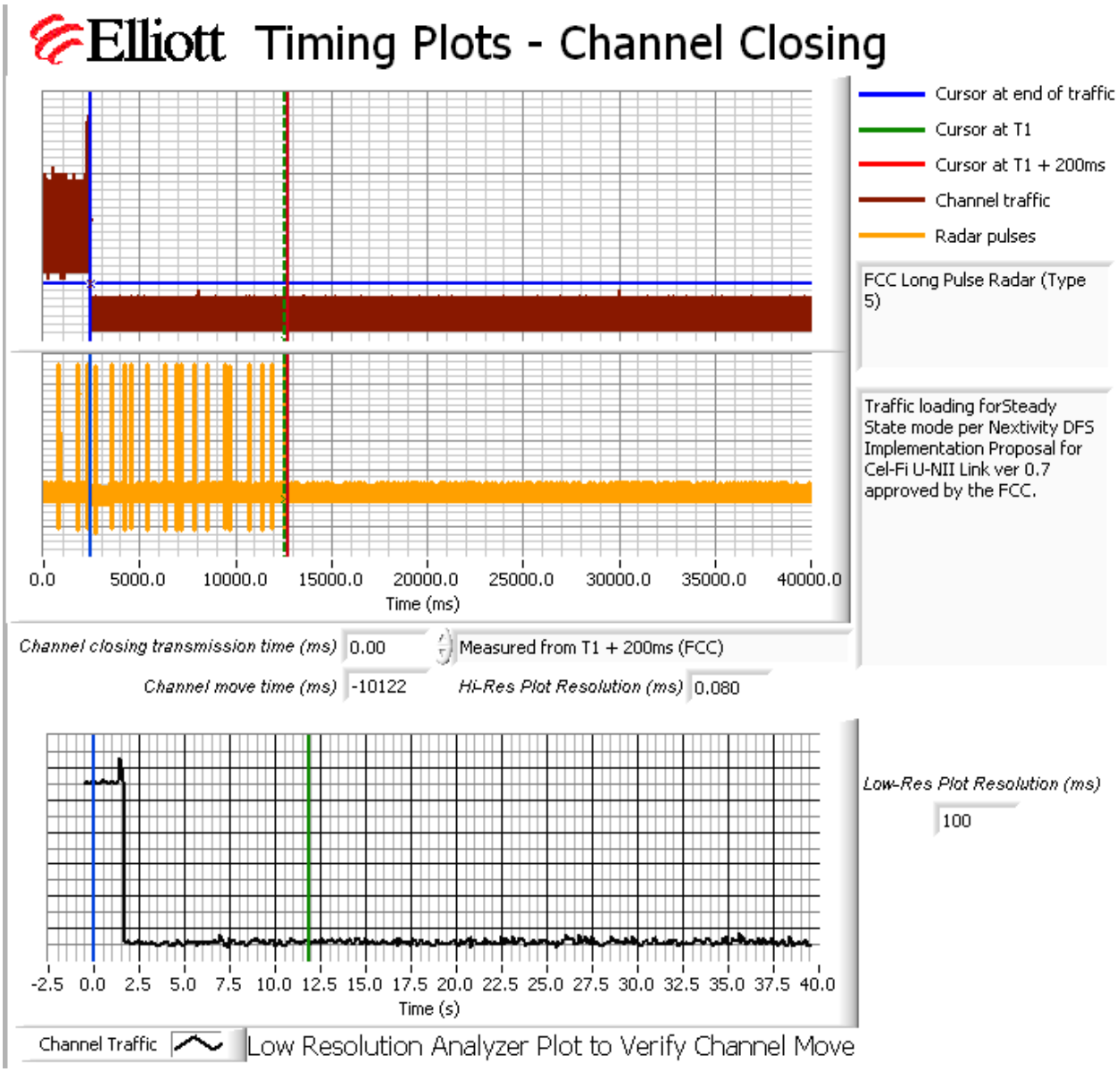

Figure 11 Channel Closing Time and Channel Move Time, WU (Type 5) – 40 second plot

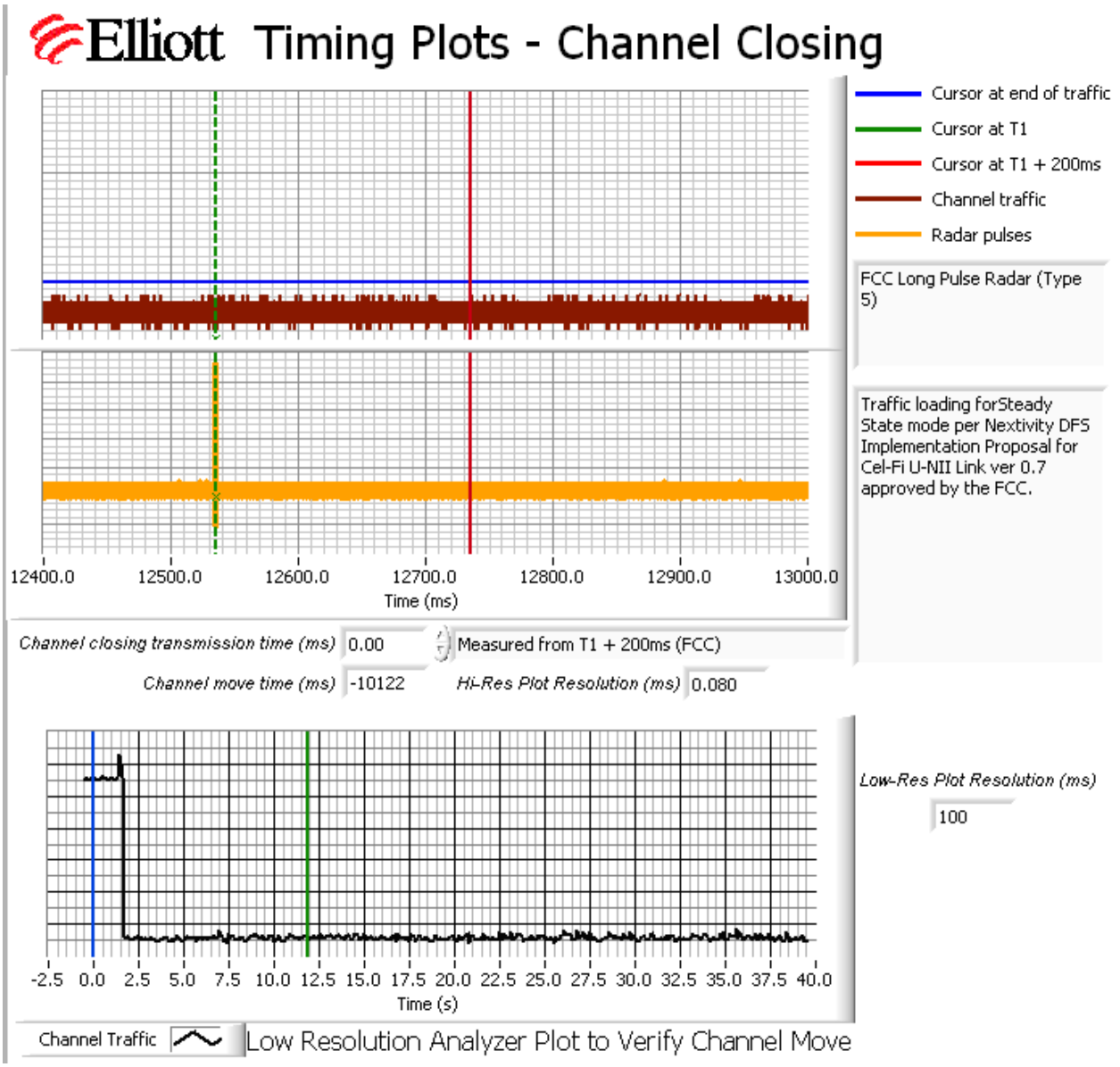

Figure 12 Close-Up of Transmissions Occurring > 200ms After The End of Radar, WU (Type 5)

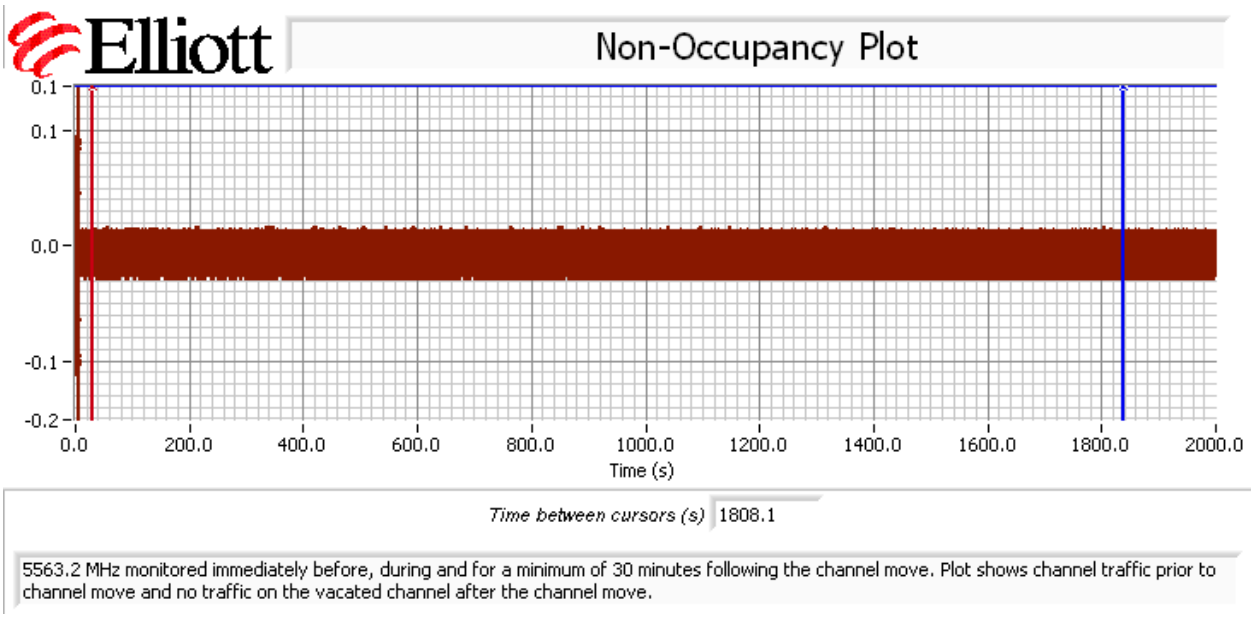

Figure 13 Radar Channel Non-Occupancy Plot, WU

The non-occupancy plot was made over a 30-minute time period following the channel move time with the analyzer IF output connected to the scope and tuned to the vacated channel. No transmissions were observed after the channel move had been completed.

FCC PART 15 SUBPART E Channel Closing Measurements CU (Steady State Mode)

Table 160 - FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time [1]		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1	0 ms	60 ms	-11 ms	10 s	Passed
Radar Type 5	0 ms	60 ms	-8.97 s	10 s	Passed

After the final channel closing test the channel was monitored for a further 30 minutes. No transmissions occurred on the channel.

[1] Channel closing time for FCC measurements is the aggregate transmission time starting from 200ms after the end of the radar signal to the completion of the channel move.

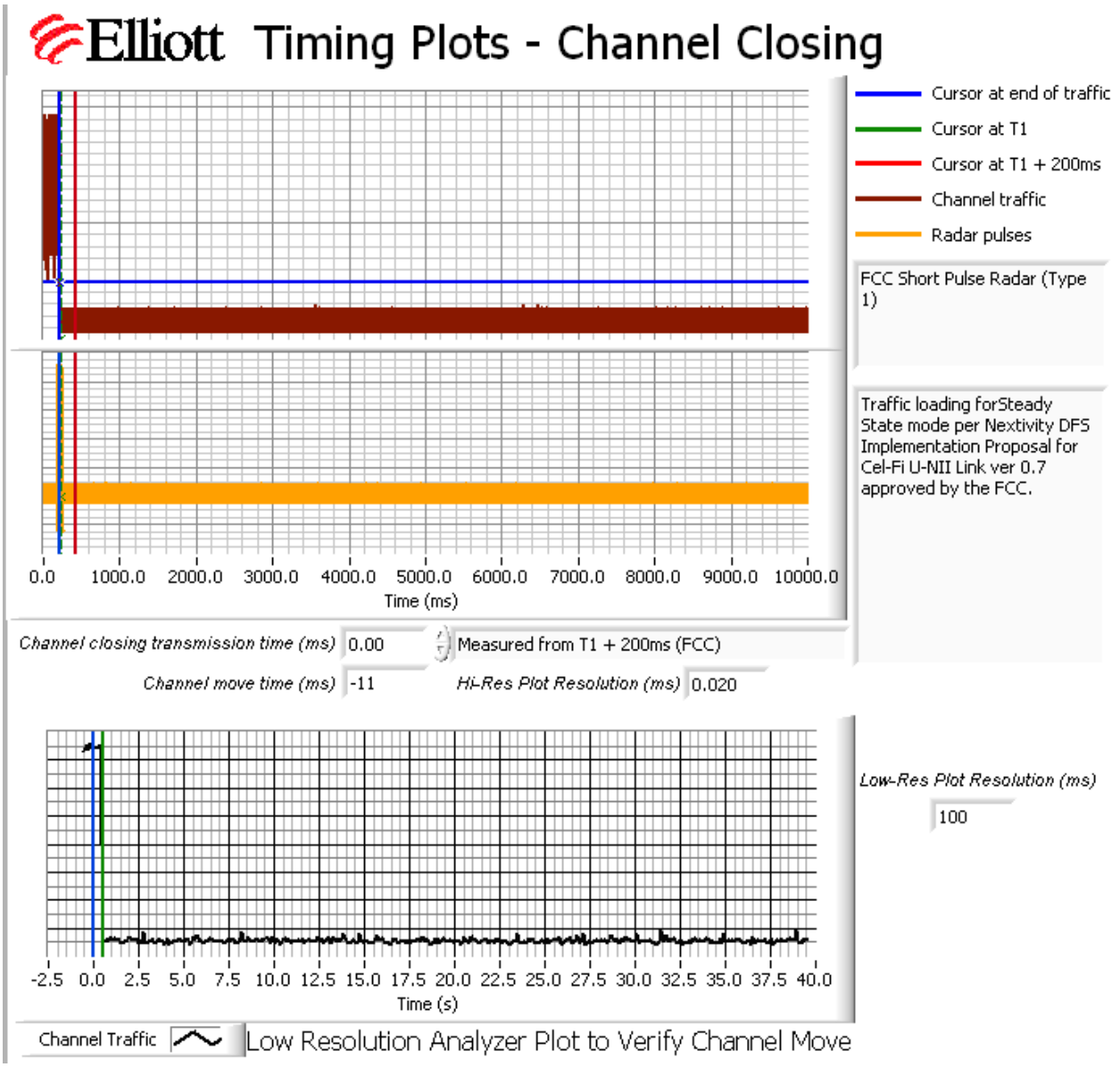

Figure 14 Channel Closing Time and Channel Move Time, CU (Type 1) – 40 second plot

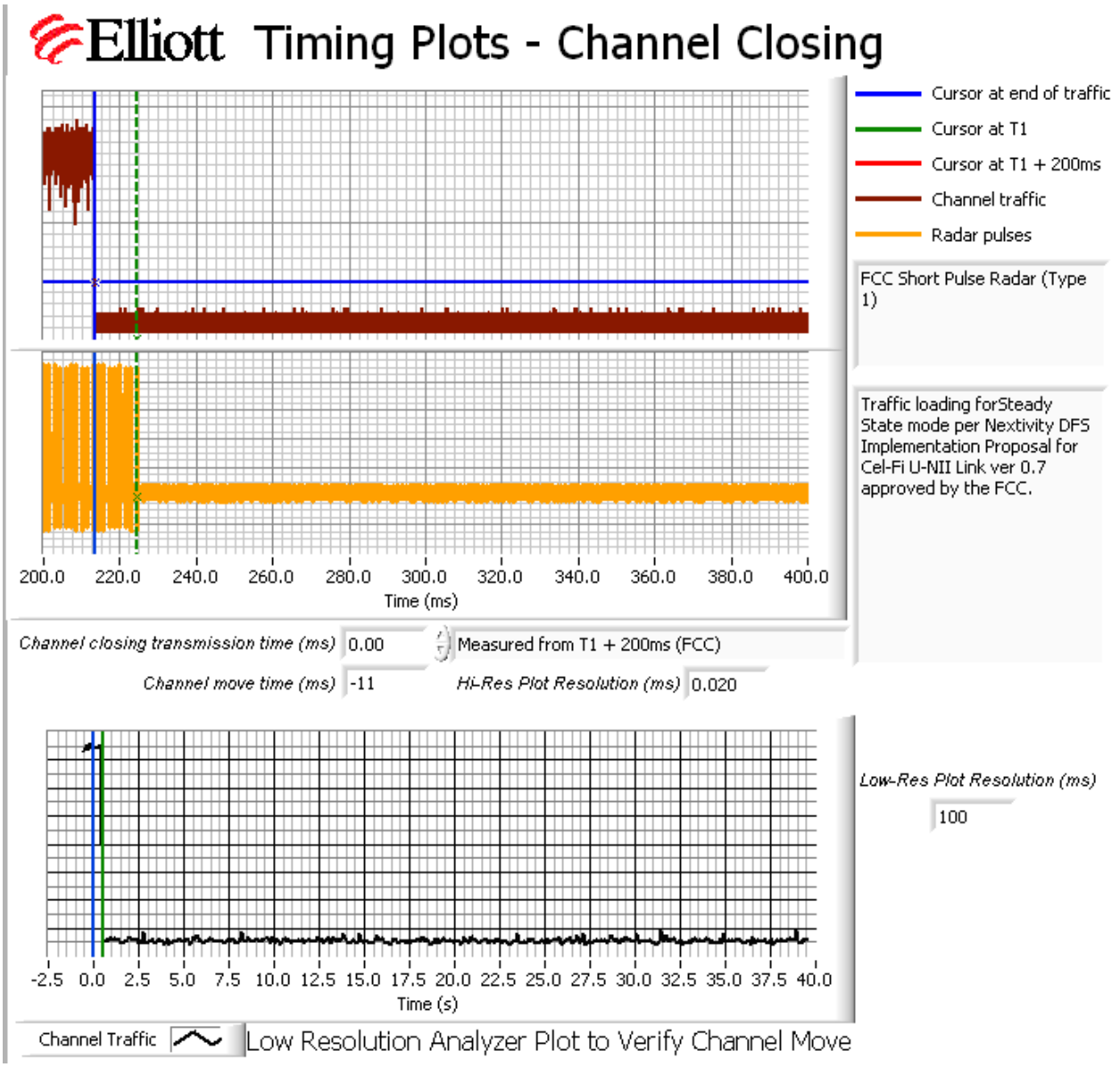

Figure 15 Close-Up of Transmissions Occurring > 200ms After The End of Radar, CU (Type 1)

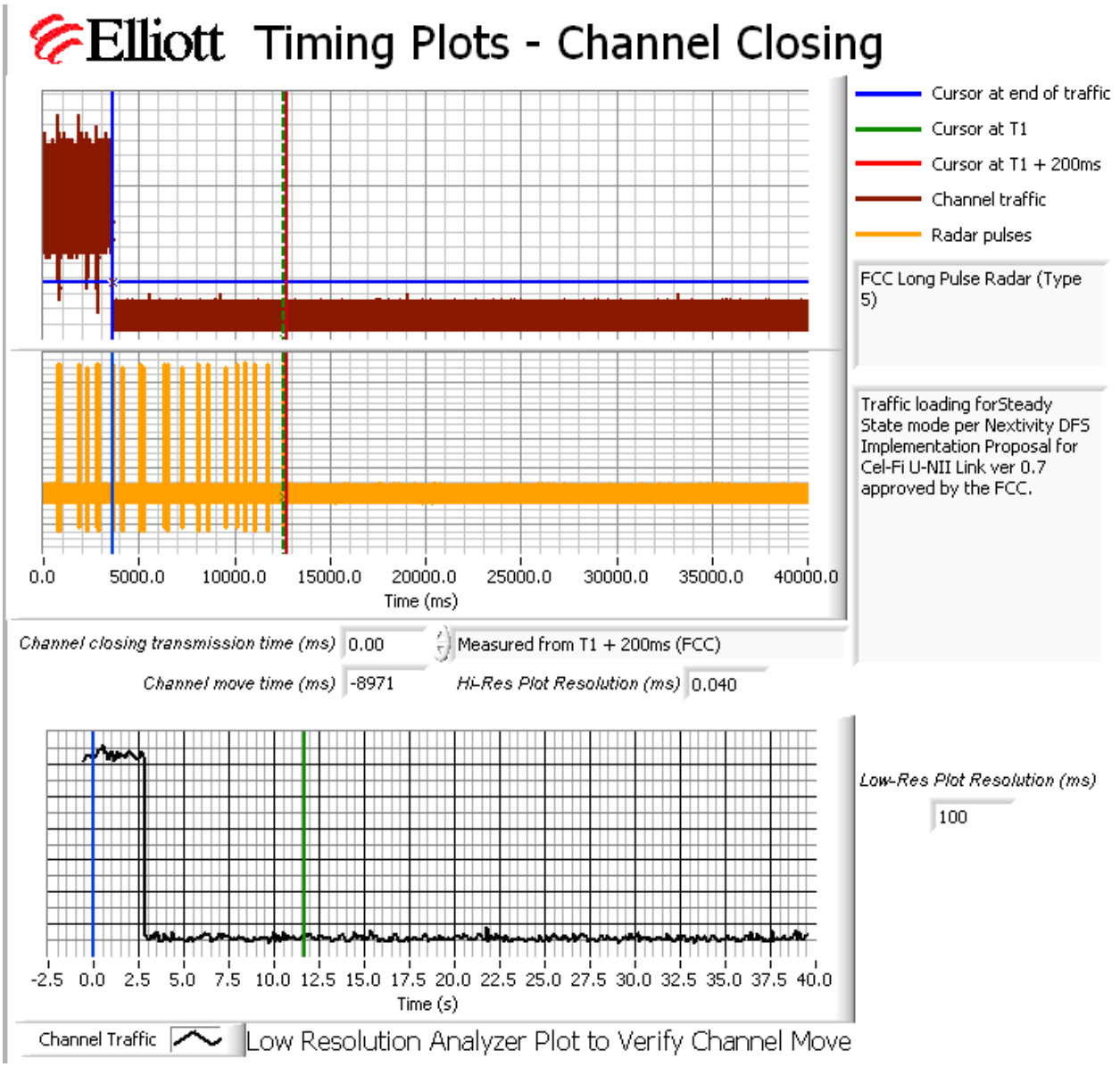

Figure 16 Channel Closing Time and Channel Move Time, CU (Type 5) – 40 second plot

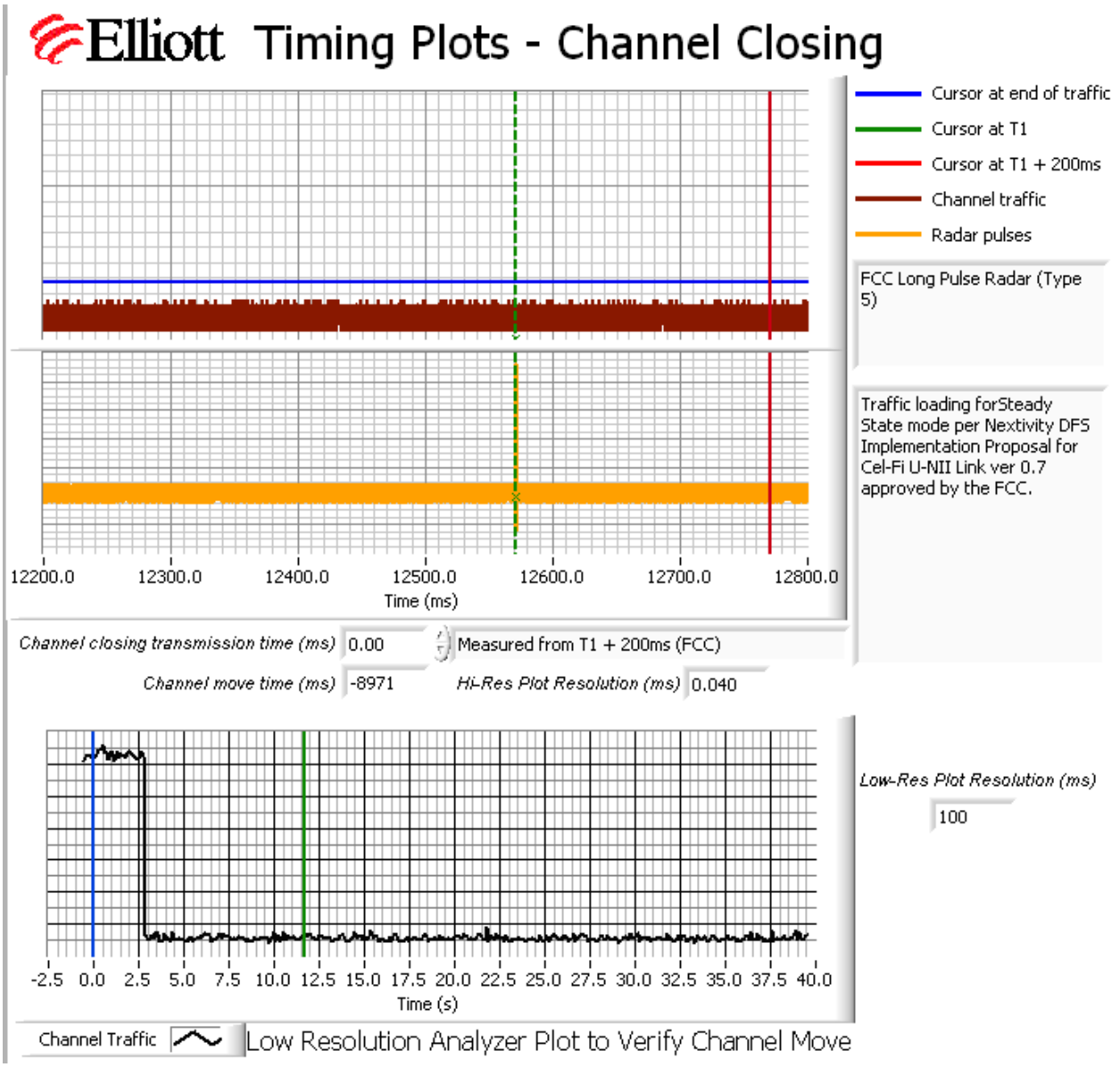

Figure 17 Close-Up of Transmissions Occurring > 200ms After The End of Radar, CU (Type 5)

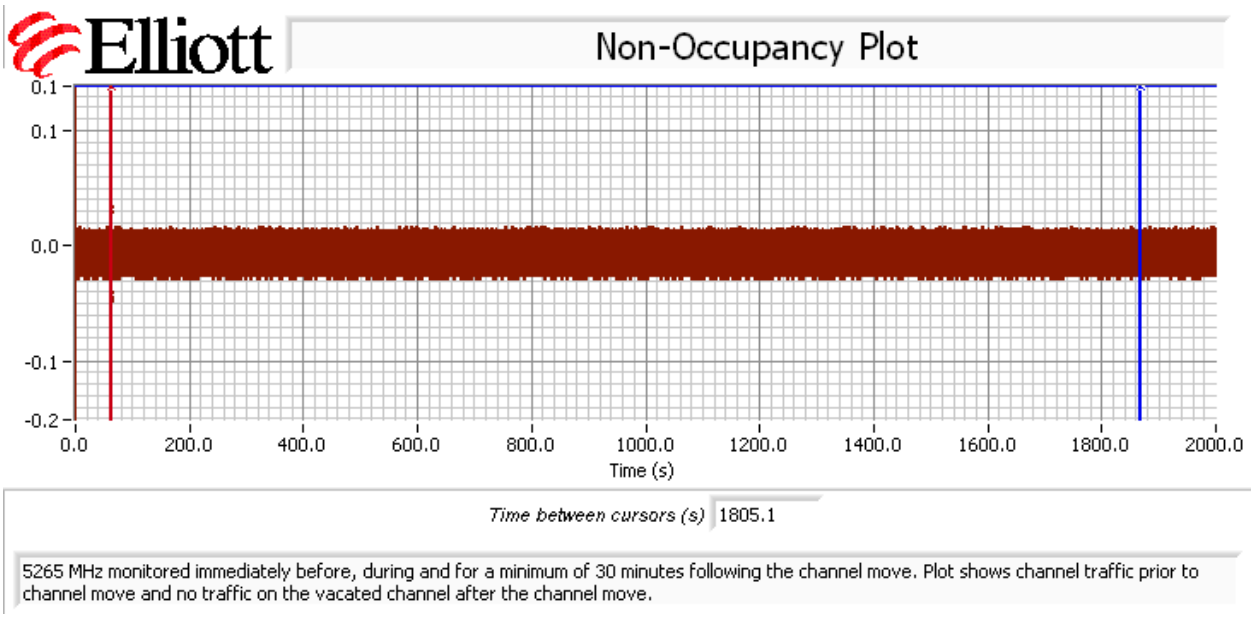

Figure 18 Radar Channel Non-Occupancy Plot, CU

The non-occupancy plot was made over a 30-minute time period following the channel move time with the analyzer IF output connected to the scope and tuned to the vacated channel. No transmissions were observed after the channel move had been completed.

Appendix D Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

Only the WU performs CAC. It does this for both the low and high DFS bands simultaneously. The CU will never transmit until the WU has performed the CAC and determined an available channel. The first plot shows the first transmissions on a channel after restarting/power cycling the master device, with no radar applied during the CAC. The start of CAC is assumed to be 60 seconds before the first transmission as indicated by the green cursor line.

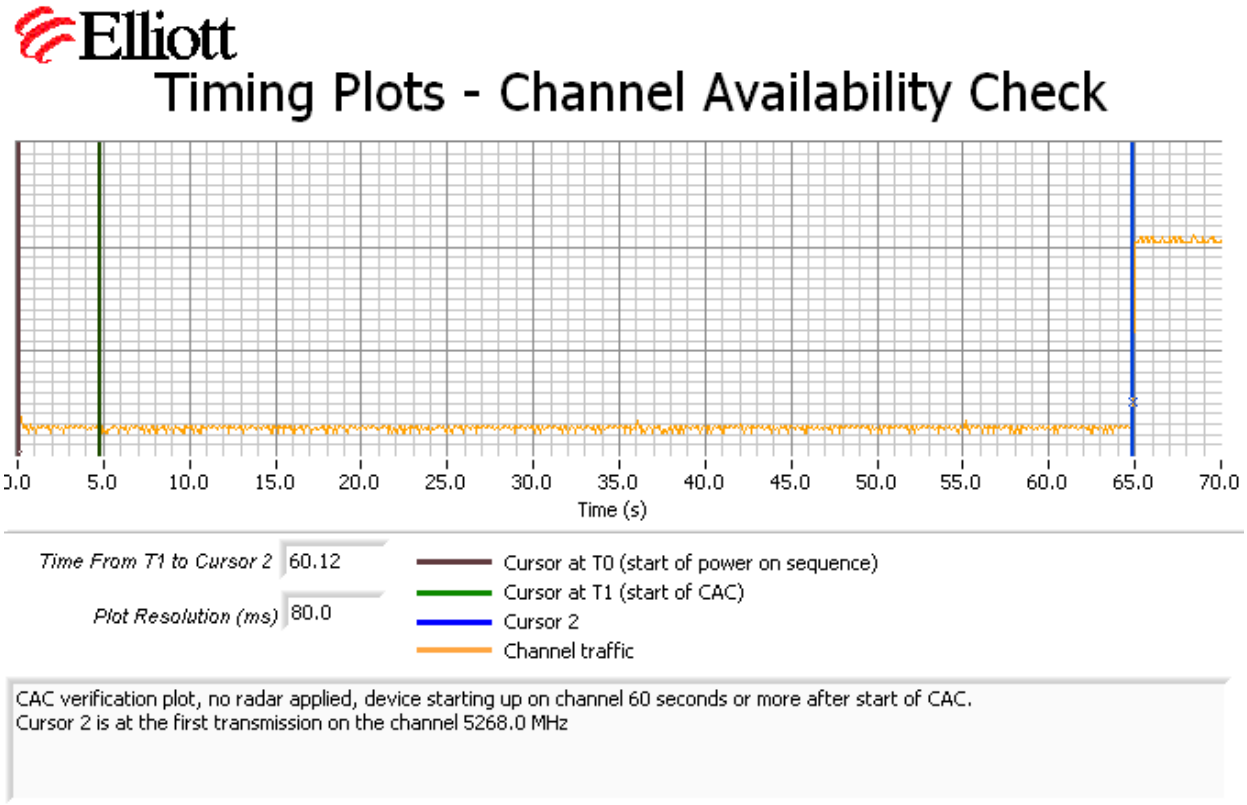

Figure 19 Plot of EUT Start-Up After CAC, WU at 5268 MHz F_L

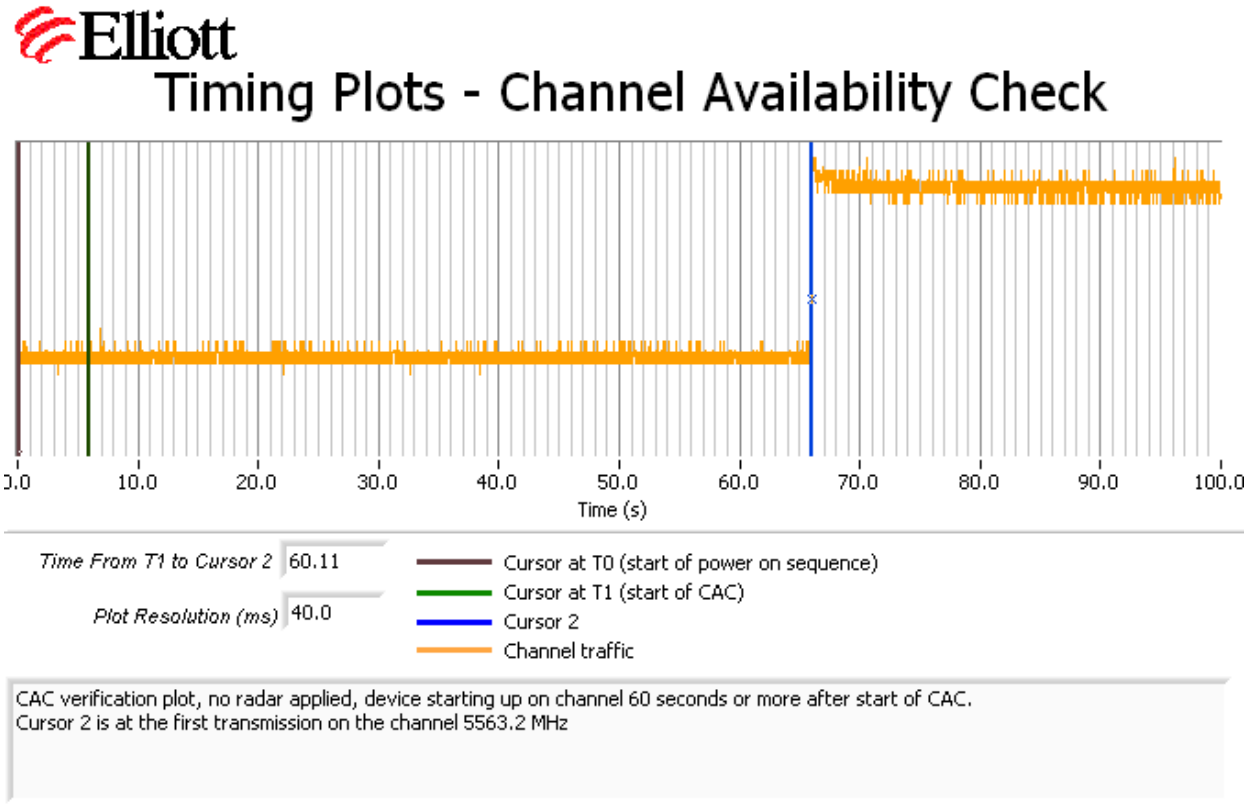

Figure 20 Plot of EUT Start-Up After CAC, WU at 5563.2 MHz F_H

The channel availability check (CAC) was made by applying type 1 radar during either the first 6 seconds or last 6 seconds of the CAC period.

The level of the radar signal applied was -62dBm. Measurements were made at 5268 MHz and also at 5563.2 MHz.

The start time is the same for each of the plots and the green cursor is positioned to coincide with the start of the Channel Availability Check period based on the plot taken with no radar applied during the CAC.

The plots show that there were no transmissions on the channel after the radar burst was applied during the CAC, and confirm that the CAC is at least 60 seconds. The description of "Channel Traffic" in the plot legend indicates the transmissions from both the radar system and the EUT on the start-up channel. In all cases only the radar burst is observed. The resolution of the plot is not fine enough to resolve the individual pulses within the burst.

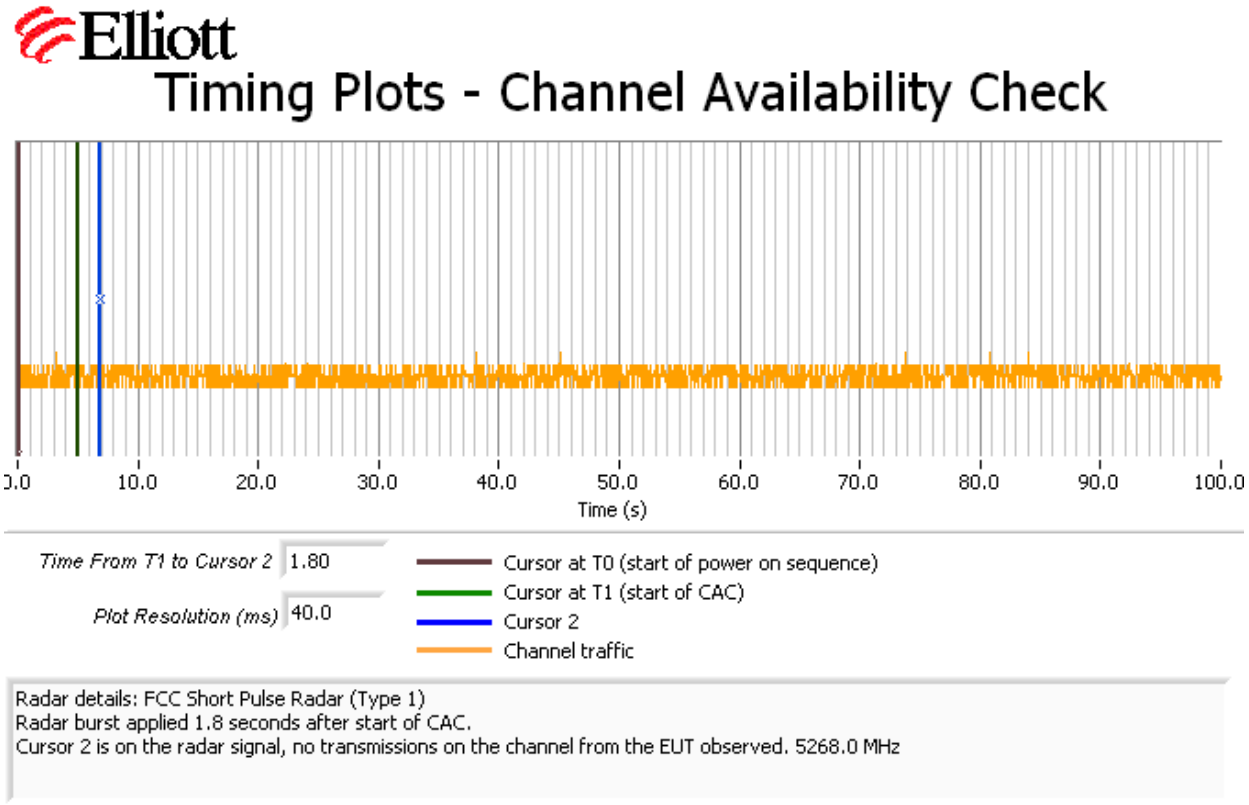

Figure 21 Radar Applied At Start of CAC, WU at 5268 MHz F_L

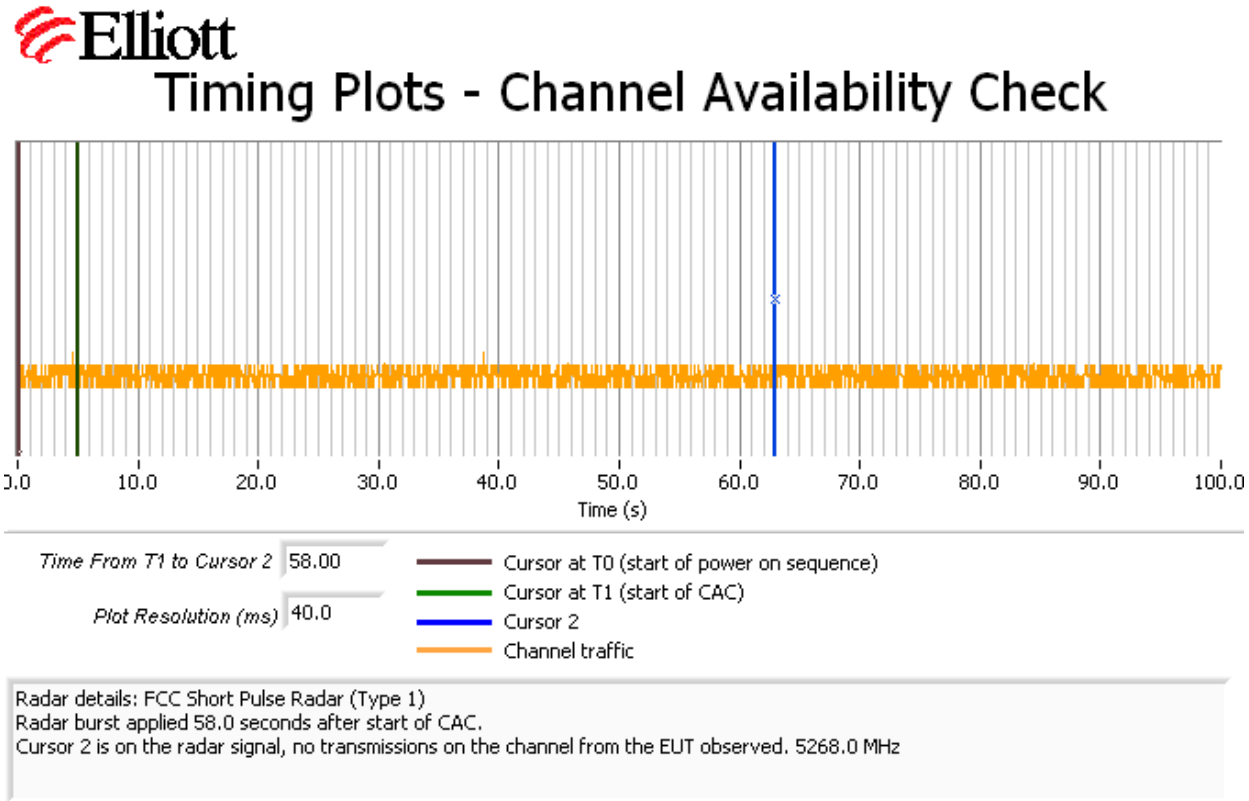

Figure 22 Radar Applied At End of CAC, WU at 5268 MHz F_L

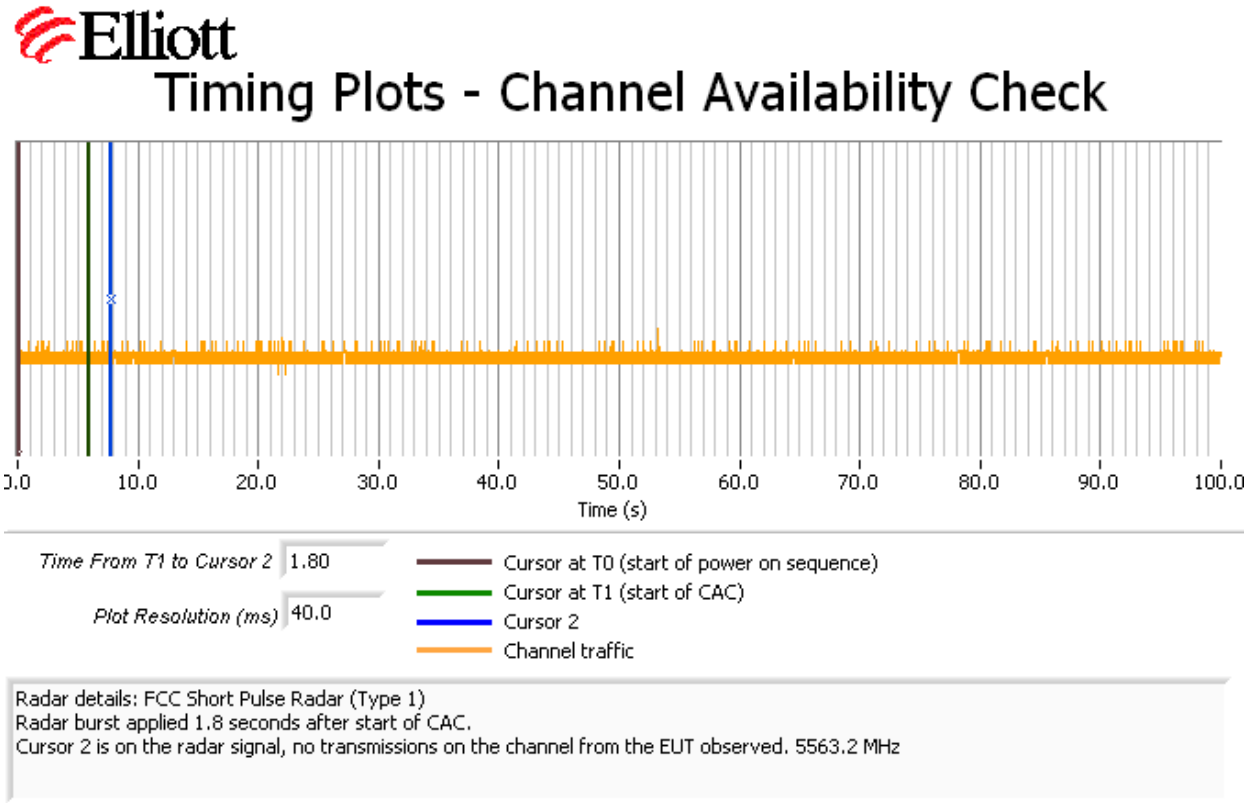

Figure 23 Radar Applied At Start of CAC, WU at 5563.2 MHz F_H

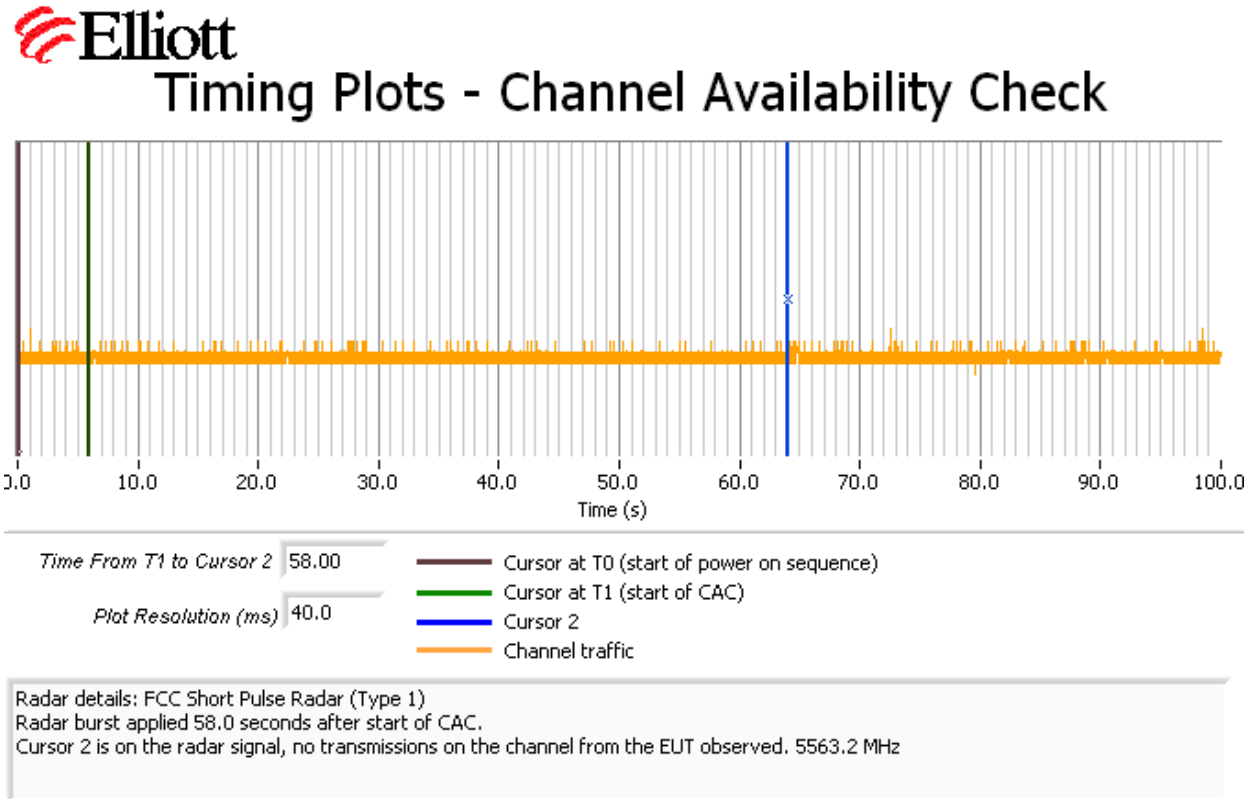

Figure 24 Radar Applied At End of CAC, WU at 5563.2 MHz F_H

Appendix E Antenna Specification

5250 TX (WU)		5564 TX (CU)	
Angle		Angle	
0	0.3	1	1.3
1	0.2	2	1.6
2	-0.2	3	1.2
3	-0.5	5	1.2
4	-0.9	6	1.7
5	-1.5	7	1.4
6	-0.6	8	1.3
8	-1.9	10	1.3
9	-2.3	11	1.2
10	-1.8	12	1.1
11	-1	13	0
12	-0.8	15	-0.3
14	-0.5	16	-1.5
15	-0.3	17	-1.9
16	0.7	18	-2.5
17	2.3	19	-4
18	2.4	21	-5.5
20	3	22	-5
21	2.8	23	-4.1
22	2.9	24	-3.6
23	3.3	25	-3.2
24	3.3	26	-1.8
25	2.9	28	-1.9
26	3	29	-1.4
28	2	30	-0.5
29	1.6	31	0
30	1.3	33	-0.2
31	0.4	34	0.4
33	-0.5	35	0.2
34	-1.1	36	0.4
35	-1.5	38	0.2
36	-1.6	39	0.2
38	-0.7	40	-0.2
39	-0.6	42	-1.3
40	-1.1	43	-1.1
42	-0.6	44	-1.9
43	0.5	45	-2.5
44	-0.1	47	-3.6
45	0.2	48	-3.9
47	0.4	49	-3.8

48	0.1	50	-5.7
49	0.4	51	-7.3
50	0.4	53	-7.6
51	0	54	-8.3
52	-0.4	55	-6.6
53	-0.5	56	-5.3
54	-0.5	57	-3.1
55	-0.2	58	-2.2
56	-0.1	59	-1.4
58	0.8	60	-0.4
59	0.3	61	0.4
60	-0.3	62	1.6
61	0.6	64	2.2
62	0.9	65	2
64	0.7	67	2.8
65	1.1	68	3.3
66	1.8	69	3.7
68	1.6	71	3.9
69	0.9	72	4.2
71	0.6	74	5.2
72	1.1	75	4.6
73	0.3	76	4.9
75	0.2	77	5.2
76	-1.1	78	5.1
77	-0.5	80	5.4
79	-1.6	81	5.2
80	-2.5	82	5.4
81	-2.7	83	5.1
82	-2.8	84	5.2
83	-3.8	85	5.2
84	-3.9	87	5.5
85	-4.2	88	4.9
87	-4.7	89	4.9
88	-4	90	4.3
89	-4.1	91	3.8
90	-4	93	3.9
91	-4.1	94	3.9
93	-4	95	3.5
94	-3.8	96	2.5
95	-4.1	98	3.2
96	-3.8	99	2
98	-3.7	100	1.6
99	-4.2	101	1.6
100	-3.2	103	0.4

101	-3.4	104	0.1
103	-3	105	-0.6
104	-4.2	107	-1.4
105	-3.9	108	-2.8
107	-2.6	109	-3.8
108	-2.2	110	-4.8
109	-2.6	112	-6.8
110	-2.6	113	-9.4
112	-1.8	114	-10.3
113	-2.1	115	-11.9
114	-2	117	-17.6
115	-0.7	118	-19.9
117	-0.9	119	-14.6
118	-0.3	120	-9.8
119	-0.2	121	-8
120	0.2	122	-6.5
121	0	123	-5
122	-0.4	124	-4.3
124	0.3	126	-3.2
125	0.7	127	-2.6
126	1	128	-2.4
127	-0.2	130	-0.8
128	0	131	-2.1
130	-0.1	132	-1.7
131	-0.6	134	-2.1
133	-0.7	135	-1.8
134	-0.6	136	-2
135	-0.6	138	-2.9
137	-0.2	139	-3
138	-0.6	140	-3.7
139	-1.4	142	-4
141	-1.6	143	-4.6
142	-1.3	144	-5.4
143	-1.7	145	-6.1
144	-1.3	147	-6.5
146	-1.5	148	-7.6
147	-1.6	149	-7.7
148	-1.5	150	-8.3
149	-2.4	151	-9.5
150	-3.4	152	-10.2
151	-4.1	153	-8.7
152	-4.1	154	-8.3
153	-4.1	156	-7.3
154	-3.8	157	-5.6

156	-4.7	158	-4.5
157	-4.6	159	-3
158	-4.7	160	-2.3
159	-4.8	162	-1.5
161	-4.1	163	-1.7
162	-2.6	164	-0.9
163	-1.9	165	-0.7
164	-2.2	167	-0.9
166	-2.2	168	-0.4
167	-1.5	169	-0.3
168	-0.9	171	-0.9
170	-0.2	172	-2.1
171	0	173	-1.4
172	0	175	-1.7
173	-0.2	176	-3.1
175	-0.7	177	-4
176	0	178	-2.9
177	-0.8	180	-4.3
179	0.3	181	-4.1
180	-0.2	182	-3.9
181	-1.4	183	-4.4
182	-2	184	-4.1
183	-1.6	185	-2.7
184	-0.8	187	-1.6
185	-0.2	188	0.4
187	-0.8	189	0.3
188	0.1	190	0.1
189	0.8	192	1.1
190	0.3	193	1.2
192	0	194	1.4
193	0.1	196	2.2
194	0.5	197	2.3
196	-0.3	198	2.9
197	-0.3	199	2.7
198	0	201	2.6
200	-0.3	202	2.7
201	-0.2	203	3.3
202	0.5	204	2.7
203	-0.5	205	2.6
205	0.4	207	3.1
206	1.1	208	2.8
207	1.6	209	2.6
208	1.9	211	3
210	2.1	212	2.4

211	2.1	213	2
212	1.8	214	2
213	3.3	215	2.2
214	2.6	216	2
215	2.4	217	1.1
216	1.9	218	0.6
217	1.7	220	0.8
218	2.2	221	0.8
220	2	222	0.2
221	2.5	223	0.3
222	3.2	224	0.3
223	2.3	226	-0.5
225	2.9	227	-0.6
226	3.8	228	-0.4
227	2.7	230	-0.8
229	3.5	231	-0.4
230	3.2	232	-0.9
231	4.2	234	-0.6
233	3.6	235	-0.9
234	3.9	236	-0.8
235	3.8	238	-0.7
237	2.8	239	-0.3
238	2.5	240	0.5
239	2.3	241	0.7
241	2.2	243	1.4
242	1.5	244	1.1
243	1.2	245	1.2
244	1.5	246	0.9
245	1.7	247	1.3
246	2	248	1.8
248	1.9	250	1.2
249	2.7	251	1.4
250	3	252	1.7
251	3.3	253	1.9
253	3.7	254	2.1
254	3.6	256	1.6
255	4.1	257	1.9
256	4	258	1.4
258	4.1	260	2.1
259	4.6	261	2.3
260	4.5	262	1.2
261	4.6	263	1.5
263	4.4	265	0.9
264	4.6	266	0.8

265	4.1	267	1
266	4.7	268	0.8
268	4.5	270	0.1
269	4.6	271	0.4
270	5.4	272	0.1
272	4.8	274	0.3
273	5.5	275	0.2
274	4.9	276	0.9
275	4.9	277	0.6
276	4.7	278	-0.1
277	5.2	279	0.4
279	4.7	280	0.3
280	4.8	281	0.7
281	5	282	0.4
283	4.6	284	0.1
285	4.6	285	1.1
286	3.8	286	1
287	3.6	287	0.5
288	2.8	289	0.2
290	2	290	0.5
291	1.2	292	0.4
292	0.9	293	0.7
294	0.6	294	0.9
295	0	296	0.1
296	-0.7	297	0.2
298	-1	298	0.4
299	-0.4	299	0
300	-1.4	301	0.5
301	-2.2	302	0.2
302	-1.8	303	0.8
304	-2.3	304	1
305	-3.1	305	-0.1
306	-2	307	0.2
307	-2.3	308	-0.3
308	-2.1	309	-0.4
310	-2.4	310	-0.1
311	-0.9	311	0.2
312	-0.5	312	0.1
313	-0.5	314	0.1
314	0.8	315	-0.4
316	1.2	316	-0.2
317	1.5	317	-0.1
318	0.8	318	0.2
319	0.9	320	-0.6

320	1.5	321	-0.3	
322	0.7	322	-1	
323	0.3	324	-0.2	
324	0.5	325	-0.6	
326	-0.7	326	0.1	
327	-1.1	327	-0.2	
328	-0.8	329	-0.4	
330	-1.9	330	-0.2	
331	-2.5	331	-0.4	
332	-3.4	332	0.4	
333	-3.3	333	-0.6	
334	-4.3	335	0.3	
336	-4.7	336	0.4	
337	-4.4	337	0.2	
338	-4.8	338	0.2	
339	-5.8	339	-0.1	
340	-5.6	340	0.1	
341	-4.4	341	-0.2	
342	-4.4	342	-0.2	
343	-3.2	343	-0.1	
344	-2.6	344	-0.3	
345	-1.9	345	-0.4	
346	-1.6	346	-0.1	
347	-1.1	348	-0.6	
348	-0.3	349	-0.6	
349	0.5	350	-0.4	
351	0.5	351	-0.2	
352	0.5	352	0	
353	0.1	353	0.4	
354	0.4	354	0.5	
355	-0.1	355	0.8	
356	-0.2	356	1.8	
357	-0.4	358	1.2	
358	-0.7	359	1.4	
359	-1.6			
Min TX	-5.8		-19.9	(Has a notch)
Max TX	5.5		5.5	

5564 RX (WU)			5250 RX (CU)		
Angle	RX Ant 1	RX Ant 2	angle	RX Ant 1	RX Ant 2
0	-1.5	-1	0	0.5	-3
10	-0.5	-2.5	10	-4.5	-1
20	-1.5	-5.5	20	-3	0
30	-2	-8	30	-8	-1

40	-1	-2	40	-8	-0.5
50	-3.5	-2	50	-8	-1.5
60	-5	-1	60	-10	4
70	-2	0	70	-10	-2.5
80	-0.5	-2	80	-7	2.5
90	-4	-8	90	-6	4
100	-4	-3	100	-5	1.5
110	-6	0	110	0	-4
120	-5	1.5	120	0	-2.5
130	-4	-1	130	0	0
140	1	-4	140	2	-1
150	-2	0	150	-1	-3
160	0	-1	160	0	-2
170	-4	0	170	5	-2.5
180	-2	1	180	1	-7
190	0	2	190	3	-7
200	1	-1	200	3	-6.5
210	-1	-1	210	2	-7
220	1	-1	220	0	-7
230	0	1	230	-2	-4
240	1	4	240	-4	-7
250	2.5	3	250	0	-7
260	2	1	260	-3	-7
270	2	-1	270	-6	-4
280	1	2	280	-8	-2
290	-3.5	2	290	-5	0
300	-3	2	300	2	-2
310	1	0	310	-2	-4
320	0	1	320	-1	0
330	1	0	330	-2	-4
340	-2	-1.5	340	2	-1
350	0	-1	350	0	-3
Min RX	-6	-8		-10	-7
Max RX	2.5	4		5	4

Appendix F Test Configuration Photograph(s)

Window Unit

Coverage Unit

Appendix G DFS Implementation Proposal for Cel-Fi U-NII Link_v07

NEXTIVITY

DFS Implementation Proposal for Cel-Fi U-NII Link

Version 0.7

Monday, 23 February 2009

1. INTRODUCTION

Cel-Fi is a new product based on a split three-hop repeater concept designed to provide better indoor cellular coverage (Figure 1).

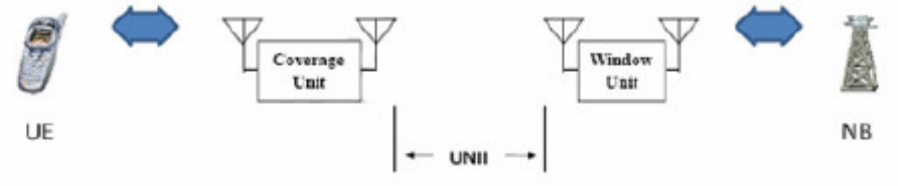

Figure 1 - Cel-Fi Three-Hop Repeater System

Cel-Fi consists of two devices, the Window Unit (WU) and the Coverage Unit (CU). The Window Unit is placed in the area of a home with the strongest signal from a wireless carrier. The WU communicates with the cell tower. The Coverage Unit is placed in the center of the home, communicates wirelessly with the WU and "lights up" the interior of the home with significantly enhanced signal, thus enabling better quality calls and greater download speeds.

2. U-NII BAND COMMUNICATION LINK

The Window Unit (WU) and the Coverage Unit (CU) communicate with each other using a proprietary point-to-point link in the U-NII band. The link requires the simultaneous use of two 40 MHz channels, where one is taken from the 5150-5350 MHz band and the other is taken from the 5470-5725 MHz band. This link is a frame-based proprietary system which bears no resemblance to 802.11 WLAN technology. The WU is the master device responsible for selecting both uplink and downlink frequencies, and for initiating transmission on the communication link.

The U-NII link uses MIMO technology to provide spatial diversity on the link. Each unit, WU and CU, has 2 transmit and 2 receive chains. Both WU and CU use identical transceivers, but some of the associated control electronics are different. From a DFS perspective the detection algorithms and receivers are the same.

The remainder of this document provides detail on the proposed DFS implementation for the U-NII link. The goal is to provide DFS functionality that satisfies both FCC and ETSI requirements.

3. OPERATIONAL MODES FOR DFS

The Cel-Fi system uses 4 operational modes which allow the two component devices (WU and CU) to synchronize with each other while satisfying DFS radar detection requirements. The modes are illustrated in Figure 2.

DFS Implementation Proposal For Cel-Fi U-NII Link
Version 0.7 Monday, 23 February 2009

NEXTIVITY

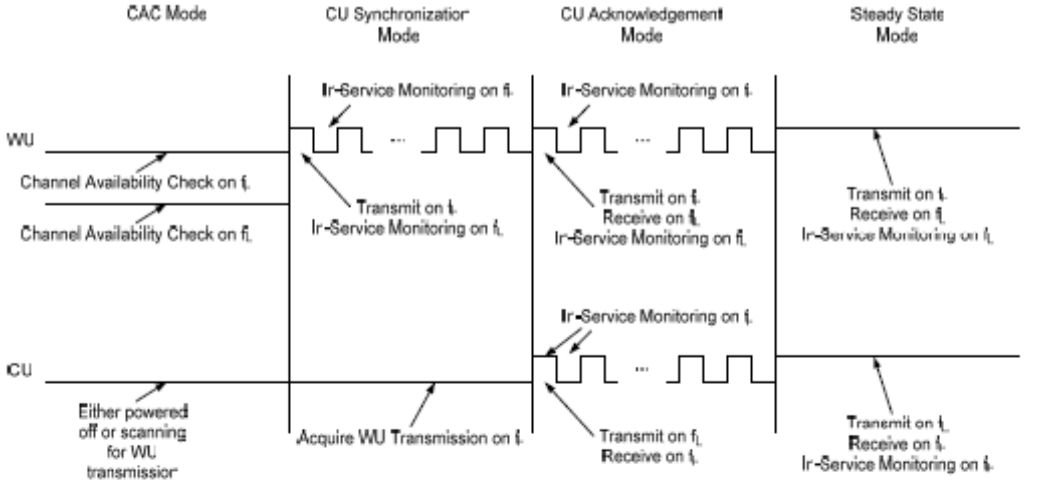

Figure 2 - U-NII Link Operational Modes

3.1. CAC Mode

When the WU is powered up, it performs a RSSI scan on all U-NII channels and then selects two of them for the Cel-Fi link (f_L from the 5150-5350 MHz band and f_H from the 5470-5725 MHz band). Prior to any transmission over a potential radar occupied channel, the WU will perform a channel availability check for at least 60 seconds. The WU hardware is capable of using the two receive antennas and two radio receivers to perform the CAC **simultaneously** on the selected upper and lower band channels.

In the event that the CU is powered on before the WU, it will not transmit on any U-NII channel, but will continue to scan for WU transmissions.

3.2. CU Synchronization Mode

Following a successful CAC on both selected channels (f_H and f_L), the WU will initiate transmission on f_H. The transmission will be performed using a 3.15 msec frame with a 50% transmit/receive duty cycle. While transmitting on f_H, the WU will listen for radar on f_L. When not transmitting, the WU will listen for radar on f_H. This allows the WU to perform in-service monitoring on both channels simultaneously.

During this period, the CU will normally be powered on and synchronize to the WU transmission on f_H. A control channel message will specify the frequency to use for f_L.

If the CU is powered on before the WU, then this mode of operation will typically last for 10-20 msec. If the WU is powered on before the CU, then this mode will last for an arbitrary duration until the CU is powered on.

3.2.1. Proposed Channel Loading Scheme for In-Service Monitoring Tests During CU Synchronization Mode

In-service monitoring tests can be performed during this mode of operation by switching the WU on and leaving the CU switched off. In this mode, the loading on f_H will always be 50% due to the transmit/receive duty cycle. During this mode, there will never be any Cel-Fi generated traffic on f_L. However, null frame intervals will occur on f_L due to the WU receiver listening for radar on f_H. This would be equivalent to a channel load of 50%. The relevant timing is shown in Figure 3.

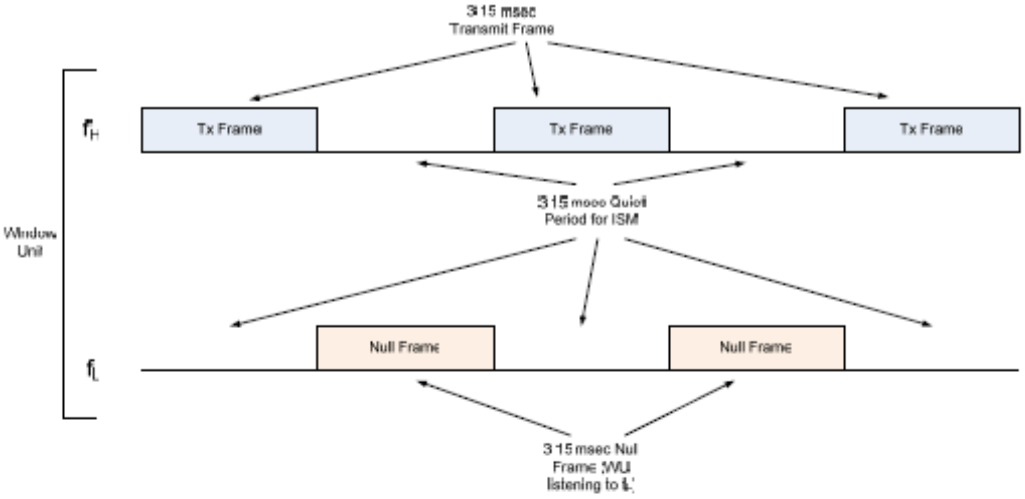

Figure 3 - Channel Loading During CU Synchronization Mode

In service monitoring tests will be performed on the WU for both f_H and f_L channels in this mode. In-service monitoring detection probability tests for all of the radar waveforms will be performed in this mode on the WU. Channel move and channel closing time measurements shall be made for the WU on f_H using radar types 1 and 5

3.3. CU Acknowledgement Mode

Once the CU synchronizes to the WU and determines the frequency of f_L, it may begin transmission on f_L. This transmission is performed using 3.15 msec frames with a 50% transmit/receive duty cycle. The transmissions coincide with the periods when the WU is listening on f_L.

In this mode the CU will begin in-service monitoring on f_H while the WU is performing in-service monitoring on both f_H and f_L.

This mode of operation should last no more than 90 msec. This worst case scenario would occur if the CU synchronizes with the WU but control messages are not correctly exchanged, eventually resulting in a timeout.

3.3.1. Proposed Channel Loading Scheme for In-Service Monitoring Tests During CU Acknowledgment Mode

The Cel-Fi system will implement a DFS test mode that allows the system to be frozen in CU Acknowledgment mode. Although the system is normally in this mode for only a short period of time, it will facilitate evaluation of in-service monitoring performance while in this mode. In all cases, the channel loading will always be at 50% due to the normal Cel-Fi link traffic. The frame structure involved is shown in Figure 4.

As the duration of this mode is short, and as the normal operating mode described in the next section has significantly higher transmitter duty cycle (100%), it is not felt that this mode needs to be evaluated. If considered necessary, in-service monitoring can be performed on f_H and f_L at the WU and on f_H at the CU. If considered necessary, detection probability for radar waveforms 1 and 5 shall be evaluated in this mode just to confirm that in service monitoring does occur.

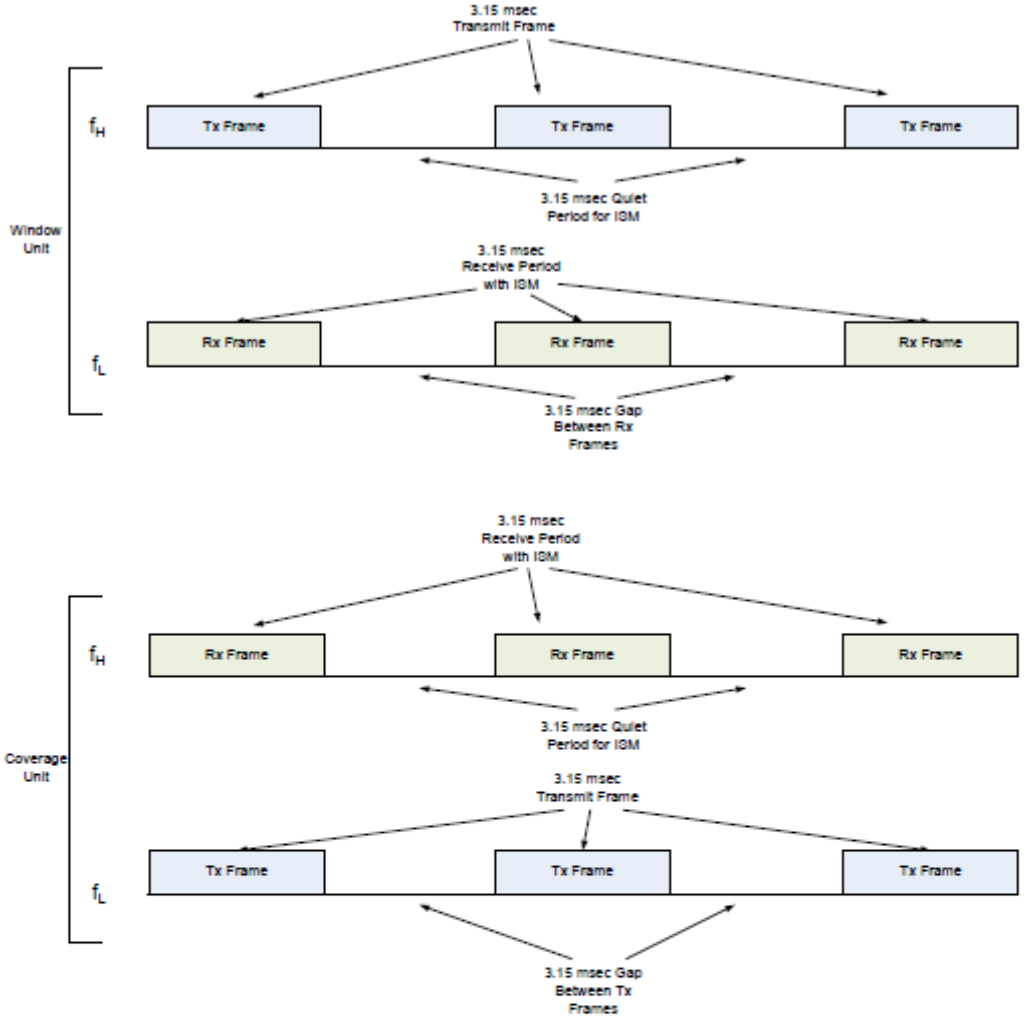

Figure 4 - Channel Loading During CU Acknowledgement Mode

3.4. Steady-State Mode

After the link is setup on both channels, the Cel-Fi system is able to switch into steady-state mode. The switch is coordinated between the WU and CU. In this mode the WU transmits continuously on f_H and listens continuously on f_L. The WU will be able to detect radar in the presence of the received data signal during in-service monitoring, so it effectively functions as a master for channel f_L. Similarly, the CU will transmit continuously on f_L and receive continuously on f_H. The CU will perform in-service monitoring on f_H and be the master for that channel. Thus in-service monitoring is being performed on both f_H and f_L. The frame structure for this mode is illustrated in Figure 5.

Figure 5 - Channel Loading During Steady-State Mode

During this mode, the channel loading is always 100% and does not change whether a cell phone call is active or not. Once the link is established between WU and CU devices, data is constantly streamed between the two so that the mobile phone remains on the network. When no phone call has been established from the user's cell phone to the network through the WU-CU, the channel is loaded with a constant stream of OFDM symbols consisting of control channel information, pilot tones, and randomly generated payload data. The randomly generated payload data required to maintain the WU-CU link is ignored by the receiver.

When a call is established through the WU-CU the randomly generated payload data between WU and CU is replaced with actual cell phone data. There is no way to determine whether a call is in progress through observation of the OFDM signal, as the signal will look identical in both cases.

In-service monitoring detection probability tests for all of the radar waveforms will be performed in this mode on the WU the CU. Channel move and channel closing time measurements shall be made for the WU and CU using radar types 1 and 5. These closing time tests will also evaluate the WU and CU in client mode. For these tests a cell call shall be established through the system using a call emulator rather than relying on the dummy payload packets

4. VACATING THE CHANNEL

4.1. Channel Move Time

In the event that one of the component Cel-Fi devices detects radar during in service monitoring, it will notify the other device through the reverse channel and cease transmitting in the radar occupied channel.

If for some reason the other device does not receive the message, it will detect that the link has been dropped and cease transmission. The assumption will be that radar has been detected.

The Cel-Fi system will ensure that the channel is vacated within 15 msec, well below the 10 second requirement.

4.2. Channel Closing Transmission Time

The worst case channel move time is less than the 60ms FCC and 260ms ETSI channel closing transmission times, so this requirement is automatically satisfied for both the FCC and ETSI.

4.3. Non-Occupancy Period

The WU will maintain a database of channels that have been identified as containing radar. These channels will not be used by the Cel-Fi system for the 30-minute non-occupancy period.

5. CHANNEL SELECTION

The WU will be responsible for U-NII channel selection for both the uplink and the downlink.

5.1. Uniform Loading

In order to satisfy the uniform loading requirement, the WU will scan all U-NII channels to perform a RSSI measurement prior to channel selection. The selected channels will be randomly selected from among those whose RSSI value is below a specified threshold.

5.2. 5600-5650 MHz

The initial version of the Cel-Fi system will make use of the 5600-5650 MHz portion of the U-NII band. It is likely that this part of the spectrum will not be used if:

1) Future changes in compliance specifications include a 10 minute CAC in the weather radar band.
2) Specific governments have blocked usage of these frequencies.

5.3. Channel Allocation

The lower U-NII band channels will be centered at 5190, 5210, 5230, 5250, 5270, 5290, and 5310 MHz. This utilizes 80% of the band spanning 5150-5350 MHz.

The upper U-NII band channels will be centered at 5510, 5530, 5550, 5570, 5590, 5610, 5630, 5650, 5670, and 5690 MHz. This utilizes 86% of the band spanning 5470-5725 MHz.

In the event that the 5600-5650 MHz band is not used, the upper band channels will be centered at 5510, 5530, 5550, 5570, 5670, and 5690 MHz. This utilizes 62% of the band spanning 5470-5725 MHz.

6. RADAR DETECTION

6.1. Detection Bandwidth

Although the U-NII link utilizes channels with a nominal bandwidth of 40 MHz, the occupied channel bandwidth is 33 MHz. The Cel-Fi devices are able to detect radar over approximately 97% of the 99% power bandwidth.

6.2. Detection Threshold

Since the Cel-Fi devices will transmit at a level well below 200 mW eirp, the radar detection threshold is -62 dBm.

6.3. Transmit Power Control

The Cel-Fi system employs transmit power control in order to keep the received signal level adequately below the radar detection threshold. At no time does the transmit power level become so great that a potential radar signal at or above the detection threshold is masked. The transmit power has a dynamic range of at least 30 dB.

During CU acknowledgement mode the WU will initially transmit at maximum power. The CU uses this information in conjunction with the measured RSSI to determine an appropriate initial transmit power level on f_L. Once an acknowledgment is received by the WU, the two units will fine tune their transmit power levels prior to switching into steady state mode.

6.4. Detection Probability

During CAC, the WU is able to detect 100% of the FCC or ETSI radar test signals. During in service monitoring, the detection rates will exceed those specified for both FCC and ETSI.

7. DOCUMENT HISTORY

Table 1 Document History

Date	Revision Number	Description	Author
July 15, 2008	0.1	Initial draft.	Richard Buz
August 1, 2008	0.2	Incorporate comments	
August 8, 2008	0.3	Added more information on the U-NII link and overall system. Elaborated on channel loading during in-service monitoring.	Richard Buz
August 8, 2008	0.4	Incorporated additional comments from Mark Briggs.	Richard Buz
September 24, 2008	0.5	Added detail for the content of Tx packets when there is or isn't a call established in response to a request from the FCC. Added information that both WU and CU use the same transceivers and same DFS detection hardware and algorithm. Proposed reduced tests on the CU for in-service monitoring.	Richard Buz Mark Briggs Elliott Labs

Date	Revision Number	Description	Author
December 16, 2008	0.6	Added detail following CTIA-FCC-Nextivity conference call	Mark Briggs Elliott Labs
February 23, 2009	0.7	Modified document in accordance with NTIA feedback as follows: page 4 of 8, paragraph 1, NTIA requests the following changes to the Version 0.6 document dated December 16, 2008 as shown in redline/strikeout: *"In service monitoring tests will be performed on the WU for both f_H and f_L channels in this mode. In-service monitoring detection probability tests for all of the radar waveforms will be performed in this mode on the WU. Channel move and channel closing time measurements shall be made for the WU on f_H using radar types 1 and 5."* On page 6 of 8, paragraph 3, NTIA requests the following changes to the Version 0.6 document dated December 16, 2008 as shown in redline/strikeout *"In-service monitoring detection probability tests for all of the radar waveforms will be performed in this mode on the WU the CU. Channel move and channel closing time measurements shall be made for the WU and CU using radar types 1 and 5. These closing time tests will also evaluate the WU and CU in client mode For these tests a cell call shall be established through the system using a call emulator rather than relying on the dummy payload packets"*	Mark Briggs Elliott Labs