TEST REPORT

Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF

FCC Part 15 Subpart E (UNII)

Ubiquiti Networks
Model: RocketM5

FCC ID:	SWX-RM5
IC CERTIFICATION #:	6545A-M5
COMPANY:	Ubiquiti Networks 91 E. Tasman Drive San Jose, CA, 95134
TEST SITE:	Elliott Laboratories 41039 Boyce Road Fremont, CA 94538
REPORT DATE:	December 28, 2011
FINAL TEST DATE:	November 7-8, 2011
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A2LA ACCREDITED
Testing Cert #0214.26

REVISION HISTORY

Rev #	Date	Comments	Modified By
1.0	12/28/2011	First Release	-
1.1	12/28/2011	Added Antenna Specification to Appendix E	Chandra Morris-

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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.

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 Ubiquiti Networks model RocketM5 and therefore apply only to the tested sample. The sample was selected and prepared by Ubiquiti Networks of Ubiquiti Networks.

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 Ubiquiti Networks model RocketM5 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 Ubiquiti Networks model RocketM5 is a wireless network bridge.

The sample was received on November 2, 2011 and tested on November 7-8, 2011. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Ubiquiti	RocketM5	Wireless network bridge radio	None
Ubiquiti	UBI-POE-24-1	Power supply (POE)	1105-0005429

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

Operating Modes (5250 – 5350 MHz, 5470 – 5725 MHz)

☒ Master Device 5250-5350 MHz

☒ Master Device 5470-5725 MHz

Antenna Gains / EIRP (5250 – 5350 MHz, 5470 – 5725 MHz)

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	10	10
Highest Antenna Gain (dBi)	20	20
EIRP Output Power (dBm)	> 23	>23

☒ Power can exceed 200mW eirp

Channel Protocol

☒ IP Based

ENCLOSURE

The EUT enclosure measures approximately 16.5cm in height, 8.5cm wide and 4.0cm deep. It is primarily constructed of uncoated 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
Dell	Vostro 1520	Laptop	43469242957	-
Dell	Vostro 1520	Laptop	27209067121	-
Ubiquiti	*RocketM5*	*Wireless network bridge radio*	*None*	*SWX-M5*

The italicized device was the master device.

EUT INTERFACE PORTS

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

Port	Connected To	Cable(s)		
		Description	Shielded/ Unshielded	Length (m)
EUT	EUT POE	Cat 5E	Unshielded	8.0
EUT POE (Data)	Laptop	Cat 5E	Unshielded	1.0

EUT OPERATION

The EUT was operating with the following software:

Master Device: v5.5-devel.10502

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 the 15.8s after the command to change channel was sent.

During the in-service monitoring detection probability and channel moving tests the system was configured with a streaming video file from the master device (sourced by the PC connected to the master device via an Ethernet interface) to the client device.

The streamed file was the “FCC” test file and the client device was using Windows Media Player Classic as required by FCC Part 15 Subpart E

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

Description	Radar Type	EUT Band/ Bandwidth	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5470-5725	60s	≥ 60s	Appendix D	PASS
CAC Detection Threshold	Type 1	5470-5725	-63dBm (note 2)	-63dBm (See note 2)	Appendix D	PASS
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5470-5725	-63dBm (note 2)	-63dBm (See note 2)	Appendix B	PASS
Bandwidth Detection	Type 1	n20 n40	± 9 MHz ± 19 MHz	80% of the 99% BW	Appendix B	PASS
Channel closing transmission time	Type 1 Type 5	5470-5725	0.9ms 0ms	≤ 260ms	Appendix C	PASS
Channel move time	Type 1 Type 5	5470-5725	0.5s 0s	≤ 10s	Appendix C	PASS
Non-occupancy period	-	5470-5725	> 30 min	> 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 the master device having an antenna gain of 10.0dBi. The measured detection threshold is based on testing the master device using the radiated test method. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250 – 5350 MHz and 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.

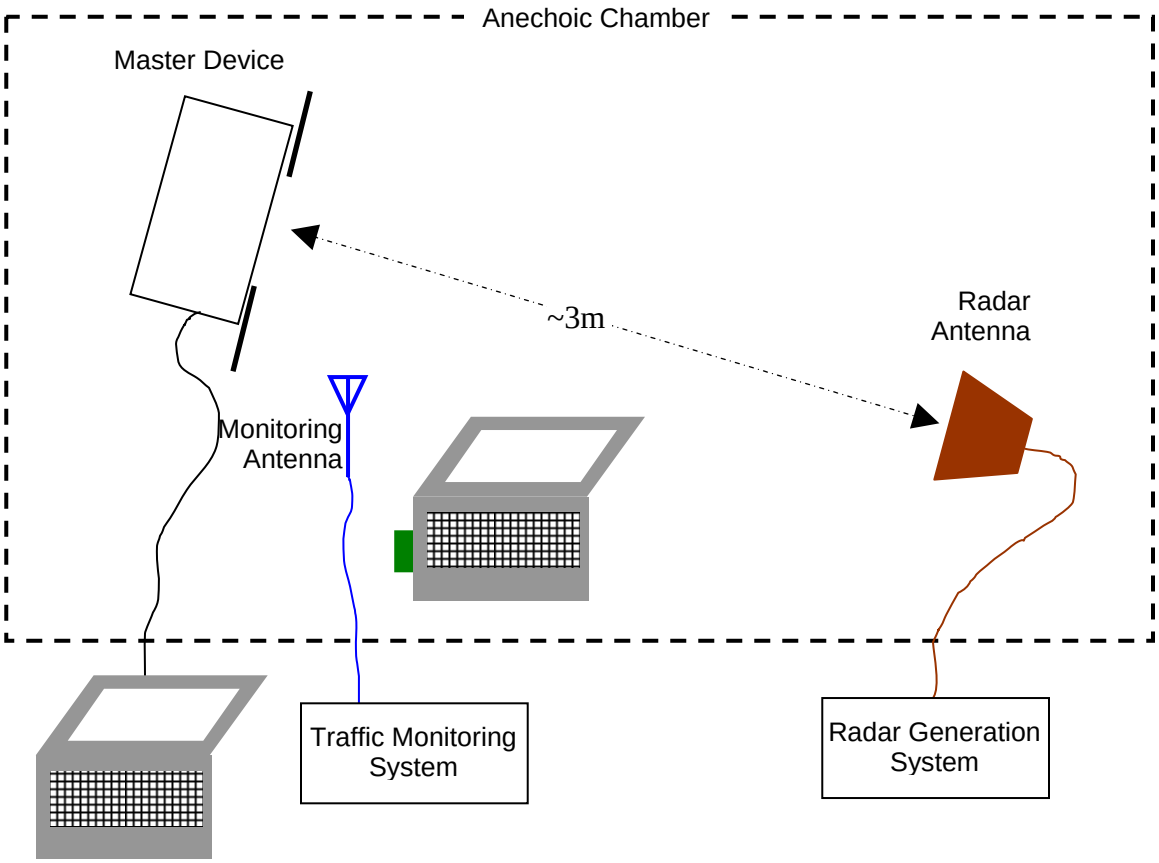

Figure 1 Test Configuration for radiated Measurement Method

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.

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.

For devices with a client-mode that are being evaluated against FCC rules the manufacturer must supply an attestation letter stating that the client device does not employ any active scanning techniques (i.e. does not transmit in the DFS bands without authorization from a Master device).

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.

To evaluate the channel availability check, a single burst of each radar type is applied at random periods during the 60-second 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 performed a total of four times for each radar type.

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
EMCO	Antenna, Horn, 1-18 GHz	3115	487	06-Jul-12
Hewlett Packard	EMC Spectrum Analyzer	8595EM	780	28-Dec-11
EMCO	Antenna, Horn, 1-18 GHz	3117	1662	04-May-12
Agilent	PSG Vector Signal Generator	E8267C	1877	30-Mar-12
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	07-Oct-12
EMCO	Antenna, Horn, 1-18 GHz	3115	487	06-Jul-12

Appendix B Test Data Tables for Radar Detection Probability

Table 5 - Summary of All Results - 802.11n 20MHz				
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)	93.3 %	60.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	38	PASSED
Aggregate of above results	98.7 %	80.0 %	158	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED

Table 6 - Summary of All Results - 802.11n 40MHz				
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)	96.7 %	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 %	39	PASSED
Aggregate of above results	99.3 %	80.0 %	159	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED

Table 7 - 802.11n 20MHzDetection Bandwidth Measurements (Bandwidth: +9MHz /-9MHz)					
Frequency	Radar Type 1	Radar Frequency	# Detected	# Not Detected	Success (%)
5690.00 MHz	FCC Short Pulse Radar	5680.00 MHz	1	3	25
5690.00 MHz	FCC Short Pulse Radar	5681.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5682.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5683.00 MHz	9	1	90
5690.00 MHz	FCC Short Pulse Radar	5684.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5685.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5686.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5687.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5688.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5689.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5690.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5691.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5692.00 MHz	9	1	90
5690.00 MHz	FCC Short Pulse Radar	5693.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5694.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5695.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5696.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5697.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5698.00 MHz	9	1	90
5690.00 MHz	FCC Short Pulse Radar	5699.00 MHz	10	0	100
5690.00 MHz	FCC Short Pulse Radar	5700.00 MHz	1	3	25

Table 8 - 802.11n 40MHzDetection Bandwidth Measurements (Bandwidth: +19MHz /-19MHz)					
Frequency	Radar Type 1	Radar Frequency	# Detected	# Not Detected	Success (%)
5560.00 MHz	FCC Short Pulse Radar	5540.00 MHz	2	3	40
5560.00 MHz	FCC Short Pulse Radar	5541.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5542.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5543.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5544.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5545.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5546.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5547.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5548.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5549.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5550.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5551.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5552.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5553.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5554.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5555.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5556.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5557.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5558.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5559.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5560.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5561.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5562.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5563.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5564.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5565.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5566.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5567.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5568.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5569.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5570.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5571.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5572.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5573.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5574.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5575.00 MHz	9	1	90
5560.00 MHz	FCC Short Pulse Radar	5576.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5577.00 MHz	9	1	90
5560.00 MHz	FCC Short Pulse Radar	5578.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5579.00 MHz	10	0	100
5560.00 MHz	FCC Short Pulse Radar	5580.00 MHz	3	3	50

Table 9 - FCC Short Pulse Radar (Type 1) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5540.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5535.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst

Table 10 - FCC Short Pulse Radar (Type 2) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	24	2.7	160.0	Yes	5540.0MHz, -63.0dBm	Single burst
2	28	1.5	183.0	Yes	5535.0MHz, -63.0dBm	Single burst
3	23	3.8	182.0	Yes	5545.0MHz, -63.0dBm	Single burst
4	28	3.3	180.0	Yes	5540.0MHz, -63.0dBm	Single burst
5	25	4.9	220.0	Yes	5535.0MHz, -63.0dBm	Single burst
6	29	2.4	185.0	Yes	5545.0MHz, -63.0dBm	Single burst
7	28	3.2	169.0	Yes	5540.0MHz, -63.0dBm	Single burst
8	23	1.4	214.0	Yes	5535.0MHz, -63.0dBm	Single burst
9	26	3.1	165.0	Yes	5545.0MHz, -63.0dBm	Single burst
10	24	1.9	171.0	Yes	5540.0MHz, -63.0dBm	Single burst
11	25	3.3	191.0	Yes	5535.0MHz, -63.0dBm	Single burst
12	25	1.4	188.0	Yes	5545.0MHz, -63.0dBm	Single burst
13	23	1.4	171.0	Yes	5540.0MHz, -63.0dBm	Single burst
14	28	3.3	197.0	Yes	5535.0MHz, -63.0dBm	Single burst
15	24	4.4	215.0	Yes	5545.0MHz, -63.0dBm	Single burst
16	26	1.6	208.0	Yes	5540.0MHz, -63.0dBm	Single burst
17	24	4.8	194.0	Yes	5535.0MHz, -63.0dBm	Single burst
18	24	1.4	228.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	28	4.8	209.0	Yes	5540.0MHz, -63.0dBm	Single burst
20	29	4.0	184.0	Yes	5535.0MHz, -63.0dBm	Single burst
21	26	3.4	169.0	Yes	5545.0MHz, -63.0dBm	Single burst
22	27	2.5	150.0	Yes	5540.0MHz, -63.0dBm	Single burst
23	29	2.4	222.0	Yes	5535.0MHz, -63.0dBm	Single burst
24	27	4.5	223.0	Yes	5545.0MHz, -63.0dBm	Single burst
25	27	1.2	181.0	Yes	5540.0MHz, -63.0dBm	Single burst
26	28	5.0	226.0	Yes	5535.0MHz, -63.0dBm	Single burst
27	29	3.0	189.0	Yes	5545.0MHz, -63.0dBm	Single burst
28	28	1.9	171.0	Yes	5540.0MHz, -63.0dBm	Single burst
29	25	3.7	230.0	Yes	5535.0MHz, -63.0dBm	Single burst
30	25	4.0	218.0	Yes	5545.0MHz, -63.0dBm	Single burst

Table 11 - FCC Short Pulse Radar (Type 3) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	9.3	225.0	Yes	5540.0MHz, -63.0dBm	Single burst
2	17	6.7	327.0	Yes	5535.0MHz, -63.0dBm	Single burst
3	16	7.5	280.0	Yes	5545.0MHz, -63.0dBm	Single burst
4	18	9.9	427.0	Yes	5540.0MHz, -63.0dBm	Single burst
5	18	8.8	273.0	Yes	5535.0MHz, -63.0dBm	Single burst
6	18	9.7	322.0	Yes	5545.0MHz, -63.0dBm	Single burst
7	17	6.8	493.0	Yes	5540.0MHz, -63.0dBm	Single burst
8	18	8.2	305.0	Yes	5535.0MHz, -63.0dBm	Single burst
9	18	9.1	336.0	Yes	5545.0MHz, -63.0dBm	Single burst
10	18	7.9	464.0	Yes	5540.0MHz, -63.0dBm	Single burst
11	17	7.0	262.0	Yes	5535.0MHz, -63.0dBm	Single burst
12	17	8.0	314.0	Yes	5545.0MHz, -63.0dBm	Single burst
13	18	7.0	455.0	Yes	5540.0MHz, -63.0dBm	Single burst
14	16	9.5	257.0	Yes	5535.0MHz, -63.0dBm	Single burst
15	17	6.5	457.0	Yes	5545.0MHz, -63.0dBm	Single burst
16	16	7.6	471.0	Yes	5540.0MHz, -63.0dBm	Single burst
17	18	8.5	467.0	Yes	5535.0MHz, -63.0dBm	Single burst
18	18	6.6	490.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	17	8.1	312.0	Yes	5540.0MHz, -63.0dBm	Single burst
20	16	8.7	406.0	Yes	5535.0MHz, -63.0dBm	Single burst
21	17	9.4	211.0	Yes	5545.0MHz, -63.0dBm	Single burst
22	17	9.0	437.0	Yes	5540.0MHz, -63.0dBm	Single burst
23	16	8.8	367.0	Yes	5535.0MHz, -63.0dBm	Single burst
24	17	9.8	354.0	Yes	5545.0MHz, -63.0dBm	Single burst
25	18	6.3	461.0	Yes	5540.0MHz, -63.0dBm	Single burst
26	16	6.7	405.0	Yes	5535.0MHz, -63.0dBm	Single burst
27	17	8.3	241.0	Yes	5545.0MHz, -63.0dBm	Single burst
28	17	9.9	358.0	Yes	5540.0MHz, -63.0dBm	Single burst
29	18	9.3	298.0	Yes	5535.0MHz, -63.0dBm	Single burst
30	17	7.7	368.0	Yes	5545.0MHz, -63.0dBm	Single burst

Table 12 - FCC Short Pulse Radar (Type 4) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	12.4	383.0	Yes	5540.0MHz, -63.0dBm	Single burst
2	14	17.6	434.0	No	5535.0MHz, -63.0dBm	Single burst
3	15	11.8	464.0	Yes	5545.0MHz, -63.0dBm	Single burst
4	14	15.6	321.0	Yes	5540.0MHz, -63.0dBm	Single burst
5	13	12.0	251.0	Yes	5535.0MHz, -63.0dBm	Single burst
6	15	14.6	236.0	Yes	5545.0MHz, -63.0dBm	Single burst
7	12	19.4	361.0	Yes	5540.0MHz, -63.0dBm	Single burst
8	14	20.0	319.0	Yes	5535.0MHz, -63.0dBm	Single burst
9	13	18.7	329.0	Yes	5545.0MHz, -63.0dBm	Single burst
10	13	11.3	489.0	Yes	5540.0MHz, -63.0dBm	Single burst
11	15	16.9	348.0	No	5535.0MHz, -63.0dBm	Single burst
12	14	19.8	439.0	Yes	5545.0MHz, -63.0dBm	Single burst
13	15	19.1	391.0	Yes	5540.0MHz, -63.0dBm	Single burst
14	15	14.6	217.0	Yes	5535.0MHz, -63.0dBm	Single burst
15	15	16.5	488.0	Yes	5545.0MHz, -63.0dBm	Single burst
16	15	15.2	343.0	Yes	5540.0MHz, -63.0dBm	Single burst
17	12	19.1	310.0	Yes	5535.0MHz, -63.0dBm	Single burst
18	15	17.1	239.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	16	16.7	434.0	Yes	5540.0MHz, -63.0dBm	Single burst
20	13	11.8	382.0	Yes	5535.0MHz, -63.0dBm	Single burst
21	14	15.3	216.0	Yes	5545.0MHz, -63.0dBm	Single burst
22	13	11.2	486.0	Yes	5540.0MHz, -63.0dBm	Single burst
23	16	14.5	400.0	Yes	5535.0MHz, -63.0dBm	Single burst
24	13	16.7	323.0	Yes	5545.0MHz, -63.0dBm	Single burst
25	14	11.6	328.0	Yes	5540.0MHz, -63.0dBm	Single burst
26	15	13.7	498.0	Yes	5535.0MHz, -63.0dBm	Single burst
27	16	18.4	465.0	Yes	5545.0MHz, -63.0dBm	Single burst
28	13	11.8	247.0	Yes	5540.0MHz, -63.0dBm	Single burst
29	16	13.2	279.0	Yes	5535.0MHz, -63.0dBm	Single burst
30	15	11.5	390.0	Yes	5545.0MHz, -63.0dBm	Single burst

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5548.0MHz, -63.0dBm	Hop sequence: 5437, 5577, 5570, 5496, 5392, 5309, 5384, 5618, 5628, 5691, 5713, 5339, 5474, 5667, 5301, 5630, 5522, 5699, 5626, 5383, 5565, 5712, 5316, 5254, 5542, 5332, 5709, 5385, 5279, 5470, 5673, 5296, 5693, 5345, 5643, 5704, 5310, 5289, 5314, 5680, 5478, 5485, 5586, 5318, 5573, 5537, 5724, 5282, 5501, 5423, 5720, 5592, 5355, 5388, 5690, 5672, 5647, 5421, 5717, 5291, 5454, 5505, 5677, 5659, 5354, 5451, 5561, 5528, 5678, 5706, 5466, 5605, 5719, 5644, 5511, 5333, 5378, 5375, 5638, 5707, 5457, 5358, 5295, 5556, 5427, 5305, 5346, 5523, 5381, 5572, 5710, 5441, 5492, 5682, 5526, 5550, 5390, 5267, 5502, 5376 (2 hits) (11/07/2011 07:48:41 PM)
2	9	1.0	333.0	Yes	5549.0MHz, -63.0dBm	Hop sequence: 5643, 5418, 5459, 5398, 5649, 5632, 5285, 5628, 5726, 5685, 5554, 5261, 5607, 5665, 5687, 5640, 5403, 5448, 5584, 5519, 5284, 5353, 5370, 5349, 5396, 5697, 5583, 5325, 5326, 5595, 5581, 5373, 5521, 5327, 5490, 5481, 5411, 5442, 5706, 5350, 5447, 5601, 5298, 5686, 5451, 5339, 5399, 5367, 5440, 5385, 5578, 5500, 5311, 5449, 5378, 5364, 5558, 5678, 5549, 5295, 5513, 5684, 5417, 5642, 5582, 5389, 5616, 5623, 5386, 5277, 5475, 5388, 5323, 5264, 5670, 5533, 5505, 5381, 5338, 5404, 5608, 5713, 5627, 5307, 5431, 5365, 5453, 5566, 5278, 5343, 5263, 5260, 5391, 5610, 5345, 5674, 5550, 5478, 5539, 5380 (3 hits) (11/07/2011 07:48:50 PM)
3	9	1.0	333.0	Yes	5531.0MHz, -63.0dBm	Hop sequence: 5282, 5432, 5379, 5508, 5341, 5525, 5301, 5253, 5513, 5328, 5258, 5709, 5716, 5373, 5270, 5653, 5444, 5325, 5684, 5654, 5616, 5585, 5591, 5474, 5450, 5354, 5637, 5429, 5327, 5475, 5623, 5442, 5622, 5411, 5297, 5685, 5322, 5361, 5388, 5530, 5416, 5391, 5272, 5298, 5275, 5324, 5615, 5712,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5369, 5568, 5390, 5683, 5693, 5625, 5405, 5459, 5342, 5447, 5436, 5703, 5337, 5645, 5443, 5455, 5673, 5460, 5422, 5593, 5252, 5595, 5687, 5606, 5445, 5406, 5628, 5535, 5537, 5523, 5291, 5696, 5453, 5563, 5609, 5259, 5605, 5476, 5418, 5329, 5393, 5366, 5726, 5374, 5504, 5292, 5643, 5318, 5624, 5495, 5620, 5648 (2 hits) (11/07/2011 07:48:58 PM)
4	9	1.0	333.0	Yes	5532.0MHz, -63.0dBm	Hop sequence: 5300, 5664, 5417, 5495, 5258, 5403, 5474, 5566, 5275, 5378, 5610, 5298, 5288, 5683, 5347, 5287, 5488, 5554, 5423, 5726, 5572, 5439, 5250, 5576, 5458, 5346, 5647, 5441, 5618, 5353, 5305, 5582, 5398, 5578, 5394, 5508, 5685, 5567, 5340, 5696, 5526, 5531, 5584, 5506, 5559, 5505, 5476, 5611, 5662, 5630, 5395, 5383, 5585, 5600, 5628, 5284, 5494, 5292, 5396, 5721, 5500, 5595, 5539, 5695, 5592, 5590, 5420, 5638, 5402, 5437, 5691, 5486, 5270, 5704, 5677, 5586, 5262, 5646, 5272, 5485, 5715, 5681, 5529, 5548, 5453, 5507, 5479, 5260, 5722, 5523, 5328, 5650, 5644, 5282, 5463, 5524, 5345, 5484, 5386, 5642 (3 hits) (11/07/2011 07:49:09 PM)
5	9	1.0	333.0	Yes	5533.0MHz, -63.0dBm	Hop sequence: 5251, 5313, 5380, 5722, 5304, 5511, 5573, 5416, 5478, 5684, 5596, 5540, 5604, 5279, 5541, 5444, 5593, 5417, 5284, 5310, 5653, 5259, 5723, 5488, 5332, 5264, 5408, 5272, 5502, 5456, 5668, 5632, 5395, 5670, 5419, 5442, 5411, 5615, 5673, 5654, 5454, 5368, 5618, 5301, 5366, 5504, 5446, 5676, 5583, 5605, 5707, 5715, 5691, 5314, 5648, 5472, 5325, 5329, 5665, 5543, 5692, 5535, 5600, 5645, 5512, 5643, 5499, 5534, 5610, 5338, 5687, 5369, 5347, 5328, 5693, 5467, 5664, 5549, 5650, 5386, 5257, 5517, 5578, 5689, 5713, 5537, 5492, 5400, 5309, 5370, 5457, 5355, 5579, 5323, 5283, 5503, 5628, 5261, 5548, 5694 (8 hits) (11/07/2011

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						07:49:19 PM)
6	9	1.0	333.0	Yes	5534.0MHz, -63.0dBm	Hop sequence: 5705, 5258, 5545, 5325, 5721, 5302, 5683, 5262, 5301, 5270, 5716, 5533, 5291, 5379, 5558, 5554, 5510, 5280, 5333, 5318, 5548, 5426, 5695, 5327, 5368, 5303, 5654, 5371, 5689, 5294, 5311, 5322, 5268, 5433, 5535, 5308, 5597, 5583, 5326, 5485, 5402, 5675, 5384, 5616, 5473, 5406, 5660, 5323, 5357, 5613, 5346, 5394, 5521, 5682, 5512, 5399, 5476, 5519, 5664, 5717, 5523, 5382, 5383, 5666, 5444, 5297, 5500, 5479, 5568, 5504, 5486, 5419, 5576, 5437, 5269, 5358, 5373, 5440, 5460, 5579, 5606, 5495, 5539, 5273, 5414, 5390, 5395, 5343, 5416, 5456, 5283, 5575, 5274, 5674, 5506, 5585, 5266, 5655, 5329, 5307 (5 hits) (11/07/2011 07:49:28 PM)
7	9	1.0	333.0	Yes	5535.0MHz, -63.0dBm	Hop sequence: 5306, 5686, 5611, 5298, 5446, 5372, 5696, 5448, 5459, 5576, 5272, 5402, 5669, 5675, 5373, 5357, 5719, 5472, 5658, 5624, 5331, 5485, 5616, 5368, 5524, 5680, 5602, 5672, 5442, 5294, 5282, 5645, 5570, 5401, 5450, 5404, 5467, 5356, 5251, 5663, 5623, 5540, 5529, 5629, 5659, 5497, 5344, 5288, 5415, 5547, 5314, 5320, 5291, 5305, 5613, 5592, 5463, 5528, 5398, 5699, 5725, 5612, 5622, 5578, 5293, 5273, 5327, 5390, 5405, 5694, 5646, 5539, 5561, 5549, 5374, 5586, 5481, 5637, 5600, 5416, 5312, 5308, 5552, 5609, 5615, 5553, 5265, 5688, 5551, 5279, 5429, 5287, 5710, 5665, 5326, 5428, 5395, 5568, 5444, 5406 (4 hits) (11/07/2011 07:49:37 PM)
8	9	1.0	333.0	Yes	5536.0MHz, -63.0dBm	Hop sequence: 5387, 5603, 5598, 5458, 5448, 5468, 5558, 5423, 5308, 5286, 5634, 5513, 5725, 5333, 5686, 5304, 5457, 5454, 5398, 5511, 5289, 5294, 5285, 5694, 5377, 5722, 5697, 5381, 5270, 5255, 5506, 5355, 5583, 5364, 5279, 5335, 5669, 5714, 5654, 5573, 5257, 5388, 5453, 5430, 5265, 5653, 5337, 5520,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5445, 5718, 5396, 5451, 5680, 5435, 5627, 5618, 5409, 5706, 5486, 5705, 5254, 5719, 5554, 5417, 5606, 5615, 5379, 5626, 5434, 5463, 5262, 5385, 5565, 5711, 5495, 5491, 5503, 5644, 5638, 5610, 5291, 5552, 5372, 5429, 5543, 5545, 5516, 5307, 5447, 5529, 5287, 5585, 5600, 5384, 5661, 5574, 5469, 5393, 5499, 5389 (2 hits) (11/07/2011 07:49:47 PM)
9	9	1.0	333.0	Yes	5537.0MHz, -63.0dBm	Hop sequence: 5701, 5540, 5545, 5547, 5591, 5515, 5523, 5434, 5284, 5539, 5409, 5654, 5293, 5499, 5704, 5637, 5325, 5726, 5295, 5383, 5509, 5286, 5584, 5625, 5349, 5372, 5694, 5264, 5674, 5626, 5497, 5278, 5503, 5498, 5398, 5575, 5399, 5690, 5328, 5508, 5587, 5544, 5461, 5513, 5475, 5689, 5636, 5380, 5419, 5288, 5462, 5315, 5280, 5407, 5624, 5300, 5495, 5597, 5451, 5454, 5693, 5500, 5493, 5472, 5602, 5582, 5291, 5614, 5272, 5705, 5424, 5285, 5322, 5439, 5564, 5554, 5580, 5445, 5557, 5619, 5604, 5452, 5543, 5254, 5355, 5387, 5347, 5324, 5581, 5609, 5379, 5397, 5342, 5255, 5391, 5465, 5482, 5438, 5473, 5522 (6 hits) (11/07/2011 07:49:56 PM)
10	9	1.0	333.0	Yes	5538.0MHz, -63.0dBm	Hop sequence: 5606, 5269, 5646, 5649, 5337, 5395, 5289, 5629, 5307, 5315, 5662, 5438, 5644, 5436, 5669, 5682, 5460, 5635, 5444, 5267, 5627, 5399, 5341, 5541, 5603, 5494, 5520, 5411, 5567, 5667, 5652, 5645, 5622, 5346, 5353, 5312, 5389, 5712, 5623, 5492, 5513, 5524, 5486, 5551, 5507, 5668, 5665, 5352, 5435, 5304, 5407, 5631, 5369, 5681, 5496, 5378, 5456, 5705, 5359, 5706, 5545, 5724, 5476, 5323, 5530, 5535, 5443, 5263, 5281, 5409, 5272, 5661, 5544, 5349, 5361, 5697, 5703, 5597, 5528, 5384, 5371, 5424, 5256, 5566, 5284, 5605, 5324, 5521, 5425, 5503, 5480, 5282, 5450, 5554, 5586, 5260, 5332, 5587, 5632, 5466 (4 hits) (11/07/2011

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						07:50:04 PM)
11	9	1.0	333.0	Yes	5539.0MHz, -63.0dBm	Hop sequence: 5284, 5300, 5488, 5511, 5570, 5421, 5443, 5723, 5286, 5606, 5724, 5385, 5448, 5561, 5473, 5534, 5419, 5493, 5287, 5445, 5624, 5387, 5586, 5507, 5640, 5404, 5289, 5667, 5661, 5625, 5391, 5571, 5543, 5681, 5318, 5348, 5449, 5583, 5350, 5512, 5327, 5412, 5679, 5360, 5510, 5508, 5702, 5375, 5335, 5600, 5706, 5471, 5358, 5648, 5715, 5621, 5705, 5678, 5598, 5610, 5283, 5466, 5313, 5669, 5438, 5340, 5574, 5708, 5636, 5476, 5711, 5259, 5567, 5474, 5269, 5368, 5477, 5490, 5401, 5643, 5703, 5457, 5718, 5325, 5721, 5253, 5469, 5560, 5500, 5726, 5453, 5576, 5637, 5491, 5472, 5408, 5263, 5265, 5482, 5426 (2 hits) (11/07/2011 07:50:13 PM)
12	9	1.0	333.0	Yes	5540.0MHz, -63.0dBm	Hop sequence: 5516, 5392, 5459, 5383, 5662, 5416, 5537, 5353, 5672, 5606, 5524, 5648, 5721, 5398, 5341, 5486, 5603, 5342, 5637, 5579, 5367, 5680, 5488, 5420, 5303, 5693, 5593, 5451, 5688, 5391, 5622, 5457, 5489, 5649, 5281, 5250, 5595, 5319, 5360, 5695, 5635, 5456, 5690, 5509, 5258, 5286, 5300, 5359, 5590, 5365, 5268, 5405, 5497, 5661, 5310, 5578, 5256, 5469, 5568, 5536, 5674, 5343, 5311, 5719, 5573, 5414, 5297, 5655, 5267, 5338, 5450, 5433, 5254, 5471, 5608, 5548, 5528, 5290, 5682, 5447, 5531, 5712, 5625, 5278, 5668, 5287, 5534, 5426, 5418, 5684, 5533, 5716, 5293, 5445, 5336, 5436, 5581, 5356, 5705, 5623 (6 hits) (11/07/2011 07:50:22 PM)
13	9	1.0	333.0	Yes	5541.0MHz, -63.0dBm	Hop sequence: 5537, 5721, 5276, 5358, 5700, 5529, 5524, 5495, 5604, 5262, 5374, 5261, 5356, 5320, 5279, 5690, 5391, 5502, 5384, 5709, 5273, 5421, 5572, 5640, 5590, 5288, 5596, 5297, 5337, 5668, 5351, 5290, 5681, 5707, 5343, 5284, 5439, 5648, 5636, 5722, 5661, 5705, 5540, 5655, 5425, 5663, 5685, 5686,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5691, 5703, 5588, 5601, 5534, 5488, 5677, 5295, 5550, 5422, 5327, 5725, 5626, 5546, 5353, 5699, 5682, 5403, 5724, 5471, 5719, 5542, 5660, 5587, 5496, 5458, 5710, 5338, 5378, 5419, 5376, 5388, 5637, 5281, 5535, 5584, 5464, 5506, 5697, 5410, 5467, 5361, 5454, 5644, 5306, 5526, 5372, 5616, 5683, 5485, 5455, 5365 (6 hits) (11/07/2011 07:50:32 PM)
14	9	1.0	333.0	Yes	5542.0MHz, -63.0dBm	Hop sequence: 5636, 5594, 5391, 5687, 5548, 5388, 5354, 5518, 5454, 5522, 5634, 5704, 5533, 5646, 5599, 5347, 5696, 5484, 5299, 5355, 5455, 5409, 5561, 5524, 5443, 5554, 5693, 5367, 5703, 5486, 5432, 5258, 5370, 5614, 5396, 5255, 5694, 5624, 5418, 5467, 5437, 5265, 5362, 5420, 5312, 5503, 5406, 5582, 5717, 5468, 5408, 5690, 5579, 5526, 5433, 5670, 5510, 5645, 5477, 5456, 5290, 5425, 5372, 5397, 5292, 5447, 5655, 5589, 5608, 5310, 5532, 5485, 5331, 5361, 5302, 5508, 5461, 5587, 5288, 5511, 5488, 5375, 5610, 5385, 5282, 5719, 5534, 5404, 5281, 5315, 5714, 5665, 5531, 5499, 5682, 5571, 5517, 5280, 5294, 5563 (5 hits) (11/07/2011 07:50:42 PM)
15	9	1.0	333.0	Yes	5543.0MHz, -63.0dBm	Hop sequence: 5510, 5717, 5457, 5705, 5321, 5343, 5419, 5364, 5300, 5541, 5620, 5623, 5378, 5601, 5612, 5670, 5404, 5653, 5276, 5632, 5516, 5703, 5637, 5642, 5365, 5515, 5605, 5597, 5312, 5320, 5303, 5337, 5423, 5473, 5555, 5526, 5340, 5481, 5366, 5583, 5387, 5680, 5449, 5311, 5504, 5522, 5658, 5664, 5474, 5274, 5347, 5674, 5498, 5415, 5278, 5587, 5381, 5607, 5440, 5368, 5549, 5360, 5352, 5316, 5486, 5304, 5421, 5267, 5429, 5499, 5422, 5370, 5491, 5682, 5430, 5600, 5558, 5634, 5353, 5536, 5585, 5533, 5333, 5406, 5552, 5534, 5506, 5720, 5367, 5374, 5447, 5512, 5361, 5580, 5315, 5590, 5371, 5417, 5258, 5500 (5 hits) (11/07/2011

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						07:50:50 PM)
16	9	1.0	333.0	Yes	5544.0MHz, -63.0dBm	Hop sequence: 5645, 5467, 5534, 5443, 5259, 5378, 5667, 5481, 5398, 5699, 5548, 5287, 5595, 5617, 5531, 5547, 5430, 5387, 5712, 5351, 5358, 5395, 5508, 5272, 5592, 5330, 5497, 5713, 5364, 5632, 5593, 5586, 5258, 5289, 5646, 5679, 5389, 5641, 5269, 5329, 5602, 5322, 5627, 5579, 5607, 5571, 5635, 5275, 5618, 5574, 5672, 5524, 5482, 5426, 5454, 5413, 5459, 5253, 5650, 5702, 5437, 5494, 5696, 5442, 5281, 5540, 5439, 5353, 5588, 5583, 5688, 5270, 5666, 5432, 5334, 5293, 5404, 5578, 5675, 5490, 5325, 5717, 5718, 5421, 5711, 5301, 5719, 5656, 5568, 5546, 5307, 5483, 5704, 5564, 5406, 5633, 5260, 5668, 5533, 5691 (7 hits) (11/07/2011 07:51:04 PM)
17	9	1.0	333.0	Yes	5545.0MHz, -63.0dBm	Hop sequence: 5387, 5327, 5276, 5356, 5318, 5430, 5258, 5609, 5373, 5497, 5412, 5634, 5451, 5350, 5686, 5270, 5668, 5455, 5618, 5629, 5525, 5544, 5398, 5463, 5550, 5461, 5707, 5353, 5496, 5692, 5669, 5417, 5512, 5347, 5415, 5671, 5296, 5304, 5489, 5603, 5389, 5520, 5275, 5378, 5452, 5557, 5561, 5267, 5344, 5706, 5379, 5688, 5517, 5704, 5421, 5433, 5294, 5252, 5376, 5289, 5402, 5368, 5414, 5346, 5467, 5590, 5654, 5443, 5693, 5444, 5357, 5441, 5464, 5424, 5399, 5384, 5338, 5509, 5504, 5315, 5648, 5543, 5579, 5580, 5425, 5394, 5674, 5708, 5684, 5406, 5511, 5585, 5534, 5375, 5343, 5479, 5716, 5551, 5410, 5678 (3 hits) (11/07/2011 07:51:17 PM)
18	9	1.0	333.0	Yes	5546.0MHz, -63.0dBm	Hop sequence: 5321, 5587, 5722, 5361, 5431, 5687, 5688, 5582, 5504, 5429, 5449, 5319, 5446, 5376, 5593, 5268, 5417, 5499, 5384, 5595, 5299, 5375, 5647, 5569, 5273, 5611, 5612, 5251, 5279, 5676, 5418, 5712, 5290, 5600, 5428, 5691, 5653, 5282, 5257, 5430, 5295, 5378, 5717, 5725, 5672, 5475, 5703, 5617,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5520, 5296, 5658, 5255, 5434, 5381, 5503, 5336, 5287, 5406, 5271, 5666, 5613, 5281, 5351, 5493, 5439, 5686, 5382, 5525, 5390, 5346, 5496, 5260, 5472, 5693, 5368, 5515, 5669, 5696, 5298, 5589, 5667, 5340, 5286, 5530, 5343, 5388, 5274, 5412, 5258, 5507, 5366, 5511, 5670, 5633, 5401, 5302, 5643, 5540, 5506, 5318 (1 hits) (11/07/2011 07:51:25 PM)
19	9	1.0	333.0	Yes	5547.0MHz, -63.0dBm	Hop sequence: 5526, 5259, 5265, 5403, 5672, 5708, 5661, 5388, 5356, 5681, 5585, 5457, 5565, 5458, 5359, 5392, 5308, 5698, 5431, 5701, 5603, 5675, 5425, 5706, 5500, 5301, 5438, 5419, 5635, 5567, 5411, 5279, 5508, 5566, 5476, 5415, 5647, 5287, 5277, 5499, 5717, 5618, 5371, 5258, 5541, 5542, 5348, 5600, 5579, 5299, 5601, 5580, 5606, 5400, 5260, 5378, 5626, 5669, 5689, 5317, 5368, 5680, 5462, 5704, 5271, 5266, 5624, 5372, 5586, 5584, 5612, 5700, 5296, 5583, 5506, 5385, 5398, 5262, 5645, 5696, 5553, 5521, 5665, 5451, 5722, 5381, 5699, 5366, 5410, 5503, 5383, 5443, 5604, 5274, 5655, 5440, 5652, 5336, 5477, 5568 (2 hits) (11/07/2011 07:51:34 PM)
20	9	1.0	333.0	Yes	5548.0MHz, -63.0dBm	Hop sequence: 5440, 5288, 5609, 5676, 5325, 5658, 5524, 5267, 5549, 5299, 5405, 5283, 5421, 5454, 5447, 5719, 5487, 5694, 5587, 5718, 5602, 5633, 5274, 5388, 5408, 5291, 5709, 5348, 5567, 5588, 5302, 5614, 5507, 5571, 5354, 5538, 5666, 5582, 5312, 5476, 5546, 5674, 5295, 5370, 5592, 5278, 5463, 5654, 5444, 5689, 5551, 5601, 5528, 5460, 5711, 5331, 5474, 5322, 5636, 5272, 5351, 5352, 5347, 5535, 5286, 5655, 5257, 5423, 5287, 5329, 5514, 5330, 5677, 5501, 5481, 5705, 5332, 5273, 5530, 5265, 5692, 5632, 5508, 5250, 5335, 5373, 5562, 5493, 5377, 5357, 5350, 5365, 5426, 5537, 5662, 5555, 5695, 5490, 5613, 5713 (5 hits) (11/07/2011

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						07:51:44 PM)
21	9	1.0	333.0	Yes	5549.0MHz, -63.0dBm	Hop sequence: 5290, 5253, 5613, 5577, 5507, 5587, 5643, 5408, 5586, 5410, 5706, 5694, 5688, 5321, 5572, 5652, 5518, 5428, 5259, 5645, 5717, 5401, 5346, 5532, 5707, 5513, 5341, 5367, 5399, 5324, 5710, 5296, 5406, 5275, 5631, 5716, 5416, 5460, 5690, 5665, 5498, 5394, 5664, 5646, 5580, 5597, 5468, 5440, 5582, 5403, 5391, 5666, 5387, 5564, 5318, 5674, 5495, 5319, 5331, 5480, 5703, 5357, 5451, 5474, 5719, 5349, 5338, 5567, 5389, 5711, 5535, 5409, 5308, 5497, 5386, 5270, 5363, 5278, 5320, 5384, 5459, 5612, 5558, 5446, 5298, 5465, 5267, 5397, 5381, 5651, 5627, 5439, 5659, 5603, 5496, 5702, 5644, 5539, 5514, 5696 (3 hits) (11/07/2011 07:51:53 PM)
22	9	1.0	333.0	Yes	5531.0MHz, -63.0dBm	Hop sequence: 5578, 5452, 5629, 5446, 5675, 5558, 5391, 5363, 5641, 5669, 5459, 5704, 5421, 5326, 5717, 5535, 5288, 5276, 5458, 5359, 5712, 5587, 5685, 5438, 5573, 5609, 5613, 5432, 5413, 5278, 5488, 5454, 5476, 5422, 5537, 5463, 5700, 5719, 5310, 5322, 5586, 5259, 5601, 5626, 5651, 5634, 5365, 5699, 5361, 5392, 5394, 5443, 5396, 5556, 5404, 5415, 5256, 5677, 5583, 5492, 5521, 5539, 5654, 5478, 5331, 5386, 5411, 5549, 5482, 5424, 5444, 5305, 5418, 5332, 5567, 5608, 5582, 5529, 5350, 5403, 5393, 5253, 5620, 5526, 5585, 5265, 5407, 5615, 5518, 5349, 5494, 5437, 5339, 5441, 5286, 5697, 5705, 5605, 5376, 5663 (4 hits) (11/07/2011 07:52:01 PM)
23	9	1.0	333.0	Yes	5532.0MHz, -63.0dBm	Hop sequence: 5472, 5651, 5584, 5623, 5275, 5403, 5557, 5458, 5440, 5654, 5405, 5603, 5599, 5724, 5653, 5259, 5616, 5473, 5558, 5373, 5321, 5270, 5251, 5319, 5287, 5541, 5397, 5684, 5536, 5556, 5375, 5546, 5519, 5591, 5693, 5490, 5613, 5604, 5416, 5568, 5342, 5574, 5515, 5621, 5298, 5293, 5493, 5455,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5276, 5295, 5469, 5300, 5314, 5543, 5628, 5254, 5264, 5377, 5555, 5581, 5471, 5551, 5401, 5478, 5292, 5428, 5479, 5658, 5500, 5674, 5406, 5462, 5434, 5355, 5261, 5324, 5257, 5366, 5320, 5282, 5582, 5409, 5577, 5335, 5701, 5258, 5315, 5702, 5714, 5489, 5400, 5358, 5317, 5339, 5451, 5387, 5706, 5435, 5527, 5252 (4 hits) (11/07/2011 07:52:09 PM)
24	9	1.0	333.0	Yes	5533.0MHz, -63.0dBm	Hop sequence: 5426, 5394, 5399, 5275, 5338, 5580, 5592, 5326, 5563, 5380, 5645, 5500, 5681, 5638, 5682, 5610, 5294, 5711, 5376, 5664, 5717, 5703, 5463, 5568, 5384, 5317, 5377, 5553, 5274, 5287, 5282, 5494, 5373, 5474, 5362, 5599, 5534, 5331, 5339, 5627, 5438, 5514, 5382, 5278, 5414, 5356, 5406, 5552, 5328, 5720, 5337, 5436, 5482, 5692, 5557, 5363, 5587, 5310, 5460, 5304, 5672, 5641, 5559, 5633, 5281, 5324, 5687, 5322, 5319, 5694, 5528, 5361, 5509, 5631, 5492, 5674, 5669, 5550, 5325, 5517, 5582, 5429, 5312, 5415, 5311, 5427, 5475, 5724, 5601, 5392, 5709, 5466, 5416, 5706, 5628, 5329, 5448, 5437, 5613, 5707 (1 hits) (11/07/2011 07:52:20 PM)
25	9	1.0	333.0	Yes	5534.0MHz, -63.0dBm	Hop sequence: 5635, 5464, 5266, 5446, 5481, 5317, 5565, 5409, 5496, 5350, 5382, 5570, 5488, 5690, 5524, 5677, 5561, 5466, 5618, 5697, 5319, 5414, 5345, 5549, 5610, 5708, 5328, 5418, 5458, 5341, 5408, 5267, 5289, 5256, 5326, 5295, 5657, 5442, 5678, 5605, 5670, 5626, 5650, 5406, 5268, 5339, 5616, 5352, 5584, 5685, 5431, 5534, 5454, 5420, 5485, 5419, 5322, 5474, 5455, 5299, 5314, 5705, 5271, 5544, 5553, 5254, 5652, 5456, 5719, 5498, 5614, 5568, 5499, 5721, 5403, 5376, 5538, 5540, 5630, 5562, 5309, 5640, 5387, 5361, 5666, 5312, 5356, 5548, 5282, 5673, 5353, 5594, 5452, 5313, 5536, 5641, 5563, 5638, 5310, 5511 (7 hits) (11/07/2011

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						07:52:31 PM)
26	9	1.0	333.0	Yes	5535.0MHz, -63.0dBm	Hop sequence: 5648, 5341, 5388, 5513, 5308, 5398, 5528, 5675, 5548, 5529, 5631, 5612, 5493, 5437, 5627, 5632, 5256, 5720, 5396, 5664, 5568, 5722, 5327, 5514, 5445, 5500, 5645, 5678, 5621, 5550, 5319, 5670, 5579, 5564, 5582, 5669, 5296, 5553, 5539, 5441, 5340, 5460, 5378, 5400, 5439, 5507, 5375, 5537, 5379, 5519, 5348, 5442, 5357, 5716, 5608, 5343, 5416, 5332, 5491, 5266, 5289, 5255, 5472, 5593, 5370, 5665, 5723, 5510, 5667, 5597, 5438, 5624, 5603, 5359, 5495, 5300, 5322, 5499, 5253, 5576, 5594, 5440, 5258, 5502, 5366, 5703, 5536, 5417, 5395, 5517, 5625, 5368, 5492, 5689, 5367, 5611, 5690, 5310, 5626, 5687 (4 hits) (11/07/2011 07:52:41 PM)
27	9	1.0	333.0	Yes	5536.0MHz, -63.0dBm	Hop sequence: 5484, 5605, 5707, 5552, 5578, 5349, 5698, 5305, 5531, 5664, 5401, 5362, 5527, 5657, 5654, 5661, 5569, 5655, 5640, 5710, 5489, 5688, 5475, 5544, 5638, 5383, 5314, 5316, 5469, 5577, 5684, 5268, 5251, 5713, 5534, 5599, 5635, 5447, 5645, 5392, 5331, 5637, 5438, 5723, 5436, 5411, 5468, 5432, 5715, 5608, 5653, 5296, 5377, 5291, 5543, 5679, 5504, 5460, 5418, 5351, 5694, 5416, 5583, 5448, 5603, 5639, 5390, 5530, 5295, 5457, 5612, 5299, 5481, 5454, 5537, 5584, 5647, 5379, 5441, 5561, 5580, 5560, 5336, 5622, 5304, 5571, 5539, 5617, 5403, 5292, 5315, 5596, 5356, 5515, 5501, 5693, 5689, 5642, 5574, 5585 (6 hits) (11/07/2011 07:52:50 PM)
28	9	1.0	333.0	Yes	5537.0MHz, -63.0dBm	Hop sequence: 5287, 5334, 5483, 5411, 5333, 5593, 5638, 5435, 5307, 5521, 5364, 5559, 5491, 5286, 5610, 5717, 5551, 5407, 5338, 5263, 5327, 5274, 5535, 5634, 5506, 5466, 5662, 5354, 5651, 5304, 5503, 5331, 5381, 5426, 5422, 5396, 5701, 5390, 5297, 5536, 5591, 5256, 5673, 5440, 5619, 5416, 5646, 5302,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5556, 5718, 5573, 5351, 5596, 5563, 5681, 5643, 5355, 5650, 5572, 5410, 5409, 5443, 5513, 5464, 5627, 5566, 5505, 5571, 5683, 5688, 5606, 5383, 5659, 5279, 5588, 5335, 5429, 5530, 5562, 5268, 5628, 5501, 5465, 5595, 5719, 5445, 5428, 5617, 5453, 5488, 5319, 5372, 5653, 5352, 5703, 5539, 5251, 5670, 5344, 5395 (3 hits) (11/07/2011 07:53:00 PM)
29	9	1.0	333.0	Yes	5538.0MHz, -63.0dBm	Hop sequence: 5305, 5622, 5301, 5397, 5509, 5543, 5560, 5703, 5481, 5378, 5569, 5503, 5325, 5691, 5500, 5604, 5542, 5476, 5592, 5350, 5423, 5371, 5607, 5395, 5554, 5490, 5676, 5346, 5341, 5280, 5330, 5402, 5665, 5657, 5493, 5577, 5614, 5530, 5575, 5605, 5322, 5474, 5428, 5713, 5593, 5649, 5519, 5613, 5417, 5697, 5296, 5719, 5252, 5401, 5485, 5504, 5364, 5290, 5722, 5507, 5580, 5436, 5327, 5549, 5276, 5420, 5615, 5671, 5411, 5564, 5389, 5601, 5538, 5634, 5544, 5425, 5390, 5293, 5278, 5521, 5725, 5326, 5598, 5715, 5694, 5466, 5360, 5595, 5376, 5365, 5643, 5620, 5689, 5324, 5438, 5612, 5711, 5370, 5603, 5505 (5 hits) (11/07/2011 07:53:09 PM)
30	9	1.0	333.0	Yes	5539.0MHz, -63.0dBm	Hop sequence: 5722, 5381, 5533, 5285, 5451, 5433, 5693, 5335, 5463, 5492, 5254, 5322, 5454, 5447, 5626, 5723, 5279, 5271, 5324, 5316, 5619, 5718, 5669, 5368, 5709, 5694, 5489, 5566, 5494, 5685, 5465, 5688, 5315, 5700, 5351, 5705, 5609, 5689, 5644, 5365, 5519, 5562, 5477, 5633, 5659, 5311, 5525, 5627, 5341, 5512, 5430, 5498, 5413, 5317, 5467, 5462, 5545, 5352, 5262, 5638, 5537, 5603, 5427, 5296, 5378, 5599, 5585, 5681, 5645, 5548, 5384, 5371, 5586, 5417, 5410, 5282, 5488, 5312, 5407, 5267, 5620, 5546, 5597, 5386, 5660, 5336, 5502, 5354, 5476, 5571, 5376, 5716, 5401, 5531, 5503, 5293, 5522, 5301, 5601, 5286 (6 hits) (11/07/2011

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						07:53:19 PM)
31	9	1.0	333.0	Yes	5540.0MHz, -63.0dBm	Hop sequence: 5468, 5694, 5697, 5551, 5629, 5379, 5357, 5562, 5525, 5259, 5254, 5633, 5557, 5536, 5385, 5287, 5720, 5272, 5438, 5681, 5411, 5543, 5616, 5574, 5696, 5338, 5262, 5567, 5664, 5358, 5529, 5449, 5485, 5381, 5587, 5505, 5296, 5667, 5637, 5661, 5707, 5626, 5303, 5571, 5442, 5483, 5544, 5539, 5521, 5462, 5316, 5419, 5355, 5563, 5417, 5685, 5453, 5689, 5714, 5387, 5362, 5311, 5719, 5558, 5514, 5384, 5425, 5623, 5646, 5534, 5469, 5353, 5555, 5291, 5271, 5533, 5277, 5622, 5572, 5302, 5581, 5630, 5394, 5480, 5677, 5690, 5503, 5288, 5281, 5460, 5638, 5692, 5654, 5388, 5347, 5482, 5688, 5721, 5454, 5614 (6 hits) (11/07/2011 07:53:39 PM)
32	9	1.0	333.0	Yes	5541.0MHz, -63.0dBm	Hop sequence: 5446, 5557, 5424, 5592, 5579, 5398, 5555, 5371, 5382, 5623, 5654, 5435, 5295, 5481, 5702, 5379, 5639, 5678, 5289, 5279, 5604, 5315, 5667, 5362, 5544, 5304, 5256, 5649, 5280, 5707, 5264, 5359, 5468, 5350, 5323, 5349, 5556, 5312, 5453, 5370, 5482, 5549, 5700, 5618, 5252, 5291, 5687, 5682, 5426, 5552, 5638, 5391, 5311, 5574, 5695, 5404, 5568, 5353, 5274, 5254, 5705, 5701, 5409, 5585, 5302, 5360, 5598, 5464, 5442, 5386, 5628, 5576, 5502, 5633, 5345, 5610, 5271, 5561, 5434, 5499, 5277, 5541, 5581, 5684, 5660, 5351, 5634, 5514, 5607, 5272, 5674, 5586, 5550, 5690, 5698, 5601, 5332, 5407, 5460, 5285 (3 hits) (11/07/2011 07:53:48 PM)
33	9	1.0	333.0	Yes	5542.0MHz, -63.0dBm	Hop sequence: 5310, 5631, 5457, 5659, 5411, 5669, 5462, 5447, 5590, 5593, 5432, 5290, 5615, 5658, 5722, 5648, 5645, 5527, 5493, 5466, 5513, 5304, 5436, 5635, 5412, 5724, 5384, 5314, 5614, 5509, 5550, 5660, 5622, 5282, 5398, 5706, 5656, 5641, 5385, 5454, 5335, 5540, 5594, 5585, 5553, 5481, 5394, 5668,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5560, 5492, 5362, 5697, 5333, 5389, 5666, 5300, 5482, 5379, 5700, 5268, 5610, 5597, 5671, 5287, 5682, 5484, 5391, 5401, 5351, 5503, 5649, 5396, 5684, 5423, 5259, 5442, 5437, 5479, 5449, 5416, 5371, 5292, 5336, 5609, 5707, 5315, 5349, 5602, 5526, 5566, 5516, 5643, 5605, 5704, 5345, 5572, 5452, 5542, 5488, 5628 (2 hits) (11/07/2011 07:53:56 PM)
34	9	1.0	333.0	Yes	5543.0MHz, -63.0dBm	Hop sequence: 5421, 5405, 5650, 5644, 5716, 5365, 5483, 5412, 5523, 5332, 5472, 5690, 5325, 5684, 5679, 5377, 5579, 5291, 5636, 5419, 5605, 5534, 5408, 5640, 5653, 5388, 5416, 5692, 5256, 5697, 5379, 5331, 5434, 5426, 5674, 5474, 5287, 5399, 5522, 5551, 5711, 5366, 5613, 5571, 5288, 5286, 5280, 5592, 5476, 5423, 5518, 5593, 5567, 5458, 5269, 5515, 5709, 5726, 5482, 5688, 5540, 5615, 5723, 5678, 5442, 5651, 5525, 5320, 5603, 5608, 5509, 5685, 5680, 5307, 5254, 5255, 5580, 5354, 5323, 5704, 5609, 5703, 5497, 5318, 5693, 5467, 5433, 5496, 5464, 5295, 5558, 5262, 5542, 5276, 5335, 5309, 5298, 5717, 5364, 5637 (3 hits) (11/07/2011 07:54:05 PM)
35	9	1.0	333.0	Yes	5544.0MHz, -63.0dBm	Hop sequence: 5326, 5287, 5470, 5623, 5487, 5400, 5722, 5521, 5630, 5450, 5570, 5418, 5297, 5318, 5324, 5511, 5253, 5449, 5560, 5501, 5376, 5524, 5670, 5573, 5724, 5674, 5459, 5416, 5717, 5439, 5684, 5298, 5367, 5292, 5356, 5639, 5327, 5648, 5678, 5365, 5705, 5305, 5523, 5646, 5358, 5625, 5483, 5261, 5448, 5567, 5371, 5664, 5428, 5499, 5412, 5520, 5344, 5417, 5445, 5585, 5464, 5440, 5353, 5310, 5526, 5614, 5666, 5595, 5332, 5654, 5425, 5337, 5701, 5708, 5281, 5667, 5421, 5643, 5308, 5653, 5726, 5550, 5599, 5541, 5262, 5274, 5498, 5398, 5604, 5300, 5700, 5282, 5659, 5502, 5401, 5500, 5638, 5533, 5380, 5719 (2 hits) (11/07/2011

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						07:54:13 PM)
36	9	1.0	333.0	Yes	5545.0MHz, -63.0dBm	Hop sequence: 5683, 5457, 5350, 5696, 5682, 5624, 5557, 5566, 5710, 5490, 5252, 5485, 5301, 5551, 5574, 5582, 5569, 5415, 5336, 5617, 5645, 5588, 5512, 5604, 5277, 5631, 5513, 5436, 5664, 5262, 5533, 5282, 5308, 5459, 5289, 5508, 5478, 5419, 5487, 5601, 5646, 5440, 5469, 5433, 5637, 5568, 5597, 5434, 5379, 5575, 5483, 5577, 5517, 5697, 5327, 5653, 5561, 5259, 5251, 5467, 5480, 5253, 5278, 5398, 5271, 5680, 5388, 5330, 5431, 5464, 5380, 5593, 5484, 5725, 5338, 5703, 5501, 5505, 5663, 5520, 5310, 5372, 5455, 5559, 5324, 5592, 5344, 5357, 5534, 5396, 5354, 5275, 5323, 5648, 5279, 5644, 5255, 5274, 5713, 5538 (3 hits) (11/07/2011 07:54:22 PM)
37	9	1.0	333.0	Yes	5546.0MHz, -63.0dBm	Hop sequence: 5533, 5628, 5630, 5690, 5665, 5371, 5538, 5434, 5603, 5309, 5661, 5415, 5544, 5373, 5441, 5613, 5599, 5653, 5629, 5293, 5320, 5484, 5703, 5358, 5505, 5259, 5360, 5384, 5450, 5391, 5483, 5639, 5606, 5682, 5386, 5440, 5588, 5543, 5674, 5377, 5370, 5407, 5675, 5614, 5338, 5609, 5569, 5723, 5329, 5646, 5394, 5576, 5416, 5516, 5376, 5658, 5553, 5466, 5253, 5510, 5645, 5632, 5696, 5292, 5687, 5673, 5518, 5507, 5627, 5271, 5638, 5565, 5562, 5697, 5381, 5436, 5691, 5575, 5648, 5521, 5299, 5489, 5411, 5425, 5355, 5470, 5549, 5409, 5399, 5356, 5656, 5351, 5471, 5460, 5400, 5643, 5334, 5664, 5435, 5345 (5 hits) (11/07/2011 07:54:32 PM)
38	9	1.0	333.0	Yes	5547.0MHz, -63.0dBm	Hop sequence: 5329, 5528, 5648, 5607, 5707, 5562, 5709, 5587, 5494, 5464, 5360, 5500, 5454, 5429, 5289, 5423, 5297, 5515, 5285, 5373, 5405, 5501, 5334, 5442, 5339, 5452, 5577, 5348, 5272, 5279, 5533, 5409, 5326, 5632, 5302, 5323, 5602, 5280, 5356, 5690, 5680, 5481, 5673, 5404, 5669, 5667, 5353, 5311,

Table 13 - FCC frequency hopping radar (Type 6) Results 802.11n 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5724, 5254, 5332, 5583, 5698, 5626, 5619, 5275, 5293, 5267, 5674, 5592, 5546, 5403, 5507, 5598, 5643, 5265, 5256, 5700, 5320, 5253, 5386, 5489, 5675, 5697, 5618, 5539, 5506, 5594, 5518, 5298, 5641, 5318, 5300, 5614, 5427, 5307, 5616, 5568, 5504, 5691, 5439, 5278, 5610, 5255, 5622, 5548, 5411, 5488, 5682, 5497 (4 hits) (11/07/2011 07:54:41 PM)

Table 14 - Long Sequence Waveform Summary 802.11n 20MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5540.0MHz, -63.0dBm
Trial #2	Detected	5535.0MHz, -63.0dBm
Trial #3	Detected	5545.0MHz, -63.0dBm
Trial #4	Detected	5540.0MHz, -63.0dBm
Trial #5	Detected	5535.0MHz, -63.0dBm
Trial #6	Detected	5545.0MHz, -63.0dBm
Trial #7	Detected	5540.0MHz, -63.0dBm
Trial #8	Detected	5535.0MHz, -63.0dBm
Trial #9	Detected	5545.0MHz, -63.0dBm
Trial #10	Detected	5540.0MHz, -63.0dBm
Trial #11	Detected	5535.0MHz, -63.0dBm
Trial #12	Detected	5545.0MHz, -63.0dBm
Trial #13	Detected	5540.0MHz, -63.0dBm
Trial #14	Detected	5535.0MHz, -63.0dBm
Trial #15	Detected	5545.0MHz, -63.0dBm
Trial #16	Detected	5540.0MHz, -63.0dBm
Trial #17	Detected	5535.0MHz, -63.0dBm
Trial #18	Detected	5545.0MHz, -63.0dBm
Trial #19	Detected	5540.0MHz, -63.0dBm
Trial #20	Detected	5535.0MHz, -63.0dBm
Trial #21	Detected	5545.0MHz, -63.0dBm
Trial #22	Detected	5540.0MHz, -63.0dBm
Trial #23	Detected	5535.0MHz, -63.0dBm
Trial #24	Detected	5545.0MHz, -63.0dBm
Trial #25	Detected	5540.0MHz, -63.0dBm
Trial #26	NOT Detected	5535.0MHz, -63.0dBm
Trial #27	Detected	5545.0MHz, -63.0dBm
Trial #28	Detected	5540.0MHz, -63.0dBm
Trial #29	Detected	5535.0MHz, -63.0dBm
Trial #30	Detected	5545.0MHz, -63.0dBm

Table 15 - 802.11n 20MHz 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	81.3	8	1308.0	-	0.552568
2	2	57.3	19	1034.0	-	1.872192
3	2	65.7	5	1698.0	-	2.068451
4	2	93.4	5	1629.0	-	3.776635
5	1	89.6	16	-	-	4.294805
6	2	65.3	9	1343.0	-	5.656880
7	2	79.9	9	1842.0	-	6.935528
8	2	56.1	12	1622.0	-	7.063945
9	2	98.9	6	1244.0	-	8.427043
10	2	53.6	10	1104.0	-	9.073175
11	3	91.0	9	1845.0	1229.0	10.624091
12	1	82.2	8	-	-	11.184047

Table 16 - 802.11n 20MHz 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	55.7	12	1973.0	-	0.434424
2	1	85.6	6	-	-	1.592981
3	1	76.0	18	-	-	2.887144
4	3	71.4	14	1067.0	1485.0	3.496721
5	1	87.6	9	-	-	4.642072
6	2	66.3	7	1985.0	-	5.747829
7	1	99.8	20	-	-	7.081149
8	2	83.5	11	1585.0	-	7.704650
9	2	90.7	16	1986.0	-	9.331038
10	1	78.2	19	-	-	10.901205
11	1	66.2	19	-	-	11.218918

Table 17 - 802.11n 20MHz 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	82.8	12	1219.0	-	0.497246
2	1	94.8	7	-	-	1.270569
3	3	84.4	14	1657.0	1660.0	2.035641
4	1	62.9	7	-	-	3.997523
5	2	90.4	19	1781.0	-	4.011700
6	3	60.5	19	1464.0	1185.0	5.082649
7	2	95.3	11	1815.0	-	6.976483
8	2	75.5	10	1006.0	-	7.374947
9	1	92.3	12	-	-	8.906697
10	2	67.6	15	1591.0	-	9.751165
11	1	57.6	16	-	-	10.220188
12	3	64.1	11	1358.0	1298.0	11.104905

Table 18 - 802.11n 20MHz 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	59.5	10	1529.0	-	0.456524
2	3	97.9	13	1597.0	1857.0	1.276173
3	1	98.1	15	-	-	1.712963
4	1	54.9	14	-	-	2.619402
5	3	70.1	18	1180.0	1969.0	3.195995
6	2	81.0	8	1621.0	-	3.959563
7	2	75.1	9	1868.0	-	4.503910
8	2	75.0	6	1282.0	-	5.646132
9	1	54.0	11	-	-	6.738272
10	2	51.0	17	1333.0	-	7.129651
11	1	69.0	9	-	-	8.235569
12	1	51.1	13	-	-	8.921890
13	2	67.6	20	1482.0	-	9.028219
14	2	79.2	15	1331.0	-	10.105805
15	3	63.5	13	1720.0	1167.0	10.670223
16	2	94.1	19	1105.0	-	11.957358

Table 19 - 802.11n 20MHz 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	86.3	14	1898.0	-	0.526234
2	1	54.3	15	-	-	2.121442
3	2	55.6	8	1632.0	-	2.887104
4	2	88.1	9	1856.0	-	3.780691
5	2	74.4	5	1759.0	-	5.137367
6	2	77.6	9	1317.0	-	6.917150
7	3	79.2	19	1244.0	1324.0	7.989133
8	2	85.3	19	1343.0	-	9.042989
9	3	65.7	10	1131.0	1137.0	9.622765
10	2	63.4	8	1657.0	-	10.874021

Table 20 - 802.11n 20MHz 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	77.6	6	1481.0	-	0.246459
2	2	71.5	9	1138.0	-	0.944819
3	2	66.1	19	1652.0	-	1.854609
4	1	93.3	10	-	-	3.194698
5	3	76.7	20	1816.0	1127.0	3.680170
6	2	72.4	11	1900.0	-	4.708765
7	3	70.6	15	1374.0	1541.0	5.746724
8	3	59.5	15	1395.0	1799.0	6.555368
9	2	76.2	19	1444.0	-	6.891512
10	3	56.7	17	1805.0	1816.0	7.813120
11	3	82.6	18	1043.0	1420.0	9.122317
12	1	95.2	15	-	-	10.062908
13	2	52.3	10	1169.0	-	10.532659
14	3	81.2	13	1431.0	1786.0	11.859347

Table 21 - 802.11n 20MHz 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	94.6	20	1031.0	-	0.019654
2	3	96.0	20	1793.0	1390.0	1.164608
3	2	71.0	18	1821.0	-	1.776117
4	1	90.8	18	-	-	2.028544
5	2	90.6	5	1159.0	-	2.831536
6	1	72.8	8	-	-	3.872457
7	3	52.8	9	1930.0	1190.0	4.028323
8	3	50.7	10	1014.0	1340.0	5.311261
9	2	74.1	9	1235.0	-	5.778840
10	2	63.3	9	1618.0	-	6.378816
11	3	83.4	14	1562.0	1426.0	6.717761
12	2	77.0	10	1554.0	-	7.660008
13	2	62.2	10	1982.0	-	8.602801
14	2	96.4	14	1237.0	-	9.051915
15	1	63.2	7	-	-	9.996919
16	1	68.2	8	-	-	10.590713
17	2	59.2	17	1167.0	-	10.940192
18	1	56.1	17	-	-	11.760816

Table 22 - 802.11n 20MHz 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	67.3	20	1506.0	-	0.740678
2	2	65.0	9	1700.0	-	1.748975
3	1	98.2	16	-	-	2.747286
4	1	83.7	10	-	-	2.883519
5	3	72.3	11	1463.0	1553.0	4.136293
6	2	53.9	15	1718.0	-	4.699907
7	3	74.9	13	1331.0	1021.0	5.761532
8	2	89.4	14	1815.0	-	6.631367
9	2	97.6	10	1288.0	-	7.616031
10	3	70.9	15	1735.0	1179.0	8.834037
11	3	79.8	7	1432.0	1509.0	9.389312
12	2	53.7	19	1180.0	-	10.191677
13	1	95.6	15	-	-	11.936163

Table 23 - 802.11n 20MHz 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	99.3	18	1049.0	-	0.549503
2	1	50.8	12	-	-	1.057894
3	2	95.1	15	1080.0	-	1.694189
4	3	58.4	6	1810.0	1228.0	2.046334
5	1	76.8	9	-	-	3.125781
6	1	100.0	13	-	-	3.568481
7	2	98.3	10	1217.0	-	4.159659
8	3	61.2	19	1068.0	1952.0	4.683642
9	2	76.3	8	1686.0	-	5.938921
10	2	74.3	14	1507.0	-	6.518139
11	2	89.9	8	1363.0	-	6.829721
12	2	92.5	13	1126.0	-	7.523607
13	3	74.4	6	1706.0	1248.0	8.627010
14	1	65.0	14	-	-	8.885335
15	1	61.0	19	-	-	9.682446
16	3	60.3	14	1244.0	1358.0	10.215391
17	3	99.9	12	1654.0	1749.0	11.108436
18	1	52.8	9	-	-	11.905795

Table 24 - 802.11n 20MHz 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	2	80.9	7	1401.0	-	0.026841
2	3	53.6	14	1127.0	1631.0	0.790649
3	2	96.5	13	1316.0	-	2.105842
4	3	88.6	13	1737.0	1053.0	2.271912
5	2	85.1	19	1822.0	-	3.583544
6	1	94.8	13	-	-	4.308518
7	2	61.0	16	1830.0	-	4.953678
8	2	77.8	13	1049.0	-	5.830575
9	3	59.1	16	1639.0	1575.0	6.545216
10	3	94.6	18	1643.0	1040.0	7.319035
11	3	91.7	13	1712.0	1752.0	7.959481
12	1	76.7	12	-	-	8.705265
13	3	71.6	18	1036.0	1381.0	9.191822
14	2	75.7	12	1605.0	-	10.022999
15	2	79.7	12	1032.0	-	11.204852
16	3	81.4	8	1320.0	1423.0	11.671754

Table 25 - 802.11n 20MHz 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	52.4	17	1603.0	-	0.746522
2	1	77.6	8	-	-	1.571841
3	2	69.3	15	1837.0	-	1.899028
4	3	71.4	20	1052.0	1873.0	3.051181
5	2	71.7	15	1776.0	-	3.994908
6	2	95.5	6	1155.0	-	4.022315
7	2	82.2	13	1690.0	-	4.948511
8	2	98.1	8	1634.0	-	5.784668
9	3	97.2	8	1209.0	1763.0	7.007351
10	2	63.3	5	1805.0	-	7.741894
11	2	79.8	14	1910.0	-	8.647644
12	3	68.6	8	1447.0	1544.0	9.576620
13	1	85.5	9	-	-	9.971551
14	2	60.4	9	1613.0	-	11.034883
15	1	81.9	8	-	-	11.538469

Table 26 - 802.11n 20MHz 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	91.3	10	1963.0	1707.0	0.181520
2	3	96.5	20	1202.0	1479.0	0.740190
3	2	97.5	5	1017.0	-	1.734029
4	2	80.1	13	1076.0	-	2.110812
5	2	95.5	13	1302.0	-	3.132380
6	2	87.0	7	1822.0	-	3.415545
7	2	65.4	5	1700.0	-	3.975072
8	2	73.4	18	1084.0	-	4.559691
9	2	93.9	9	1181.0	-	5.505434
10	3	95.1	10	1993.0	1628.0	5.757380
11	2	87.1	8	1955.0	-	6.394065
12	2	73.2	16	1742.0	-	7.295869
13	2	60.7	8	1682.0	-	8.190600
14	1	97.5	15	-	-	8.361997
15	3	81.5	7	1230.0	1148.0	9.021740
16	2	71.4	9	1858.0	-	9.816221
17	2	85.4	9	1532.0	-	10.532403
18	1	96.5	17	-	-	10.851436
19	2	68.8	10	1542.0	-	11.573389

Table 27 - 802.11n 20MHz 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	67.6	8	1607.0	-	0.457338
2	2	87.0	10	1403.0	-	1.811504
3	1	70.2	7	-	-	2.256792
4	3	95.1	9	1080.0	1020.0	3.709383
5	1	68.7	9	-	-	5.072479
6	2	56.2	19	1115.0	-	5.628393
7	2	76.8	16	1736.0	-	7.603484
8	2	99.1	6	1162.0	-	7.650105
9	1	60.8	11	-	-	8.774760
10	1	94.4	17	-	-	10.615444
11	2	72.8	11	1014.0	-	11.874964

Table 28 - 802.11n 20MHz 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	71.7	6	1276.0	-	0.659535
2	2	87.2	8	1830.0	-	1.738329
3	2	54.3	19	1233.0	-	3.093061
4	3	65.3	19	1281.0	1573.0	3.979139
5	2	50.5	17	1123.0	-	5.104961
6	2	92.1	15	1451.0	-	6.464345
7	3	86.1	7	1873.0	1075.0	7.291221
8	1	83.0	7	-	-	8.047445
9	1	71.4	14	-	-	9.809188
10	2	70.4	12	1307.0	-	10.660959
11	3	51.5	11	1603.0	1464.0	11.155359

Table 29 - 802.11n 20MHz 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	60.2	10	-	-	0.856401
2	2	80.9	11	1991.0	-	1.102819
3	2	73.8	12	1038.0	-	2.615505
4	3	63.0	13	1957.0	1544.0	3.472606
5	3	86.6	7	1400.0	1983.0	3.775498
6	3	96.8	6	1169.0	1170.0	4.965237
7	3	64.3	11	1442.0	1003.0	6.165931
8	3	54.6	14	1751.0	1031.0	7.014408
9	2	61.5	10	1208.0	-	8.149015
10	3	84.1	7	1090.0	1808.0	8.739498
11	3	97.0	16	1994.0	1415.0	9.922153
12	1	72.6	10	-	-	11.025472
13	1	86.5	5	-	-	11.987877

Table 30 - 802.11n 20MHz 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	1	76.8	18	-	-	0.484666
2	2	71.9	5	1580.0	-	1.684784
3	2	68.7	14	1687.0	-	2.656783
4	2	82.8	13	1676.0	-	3.200228
5	2	93.8	12	1272.0	-	3.965855
6	2	62.5	14	1636.0	-	4.806807
7	1	76.0	11	-	-	6.229657
8	1	78.6	8	-	-	6.663883
9	2	62.9	18	1686.0	-	7.574210
10	2	99.9	8	1723.0	-	8.490709
11	2	79.3	14	1769.0	-	9.272501
12	2	50.4	12	1601.0	-	10.714399
13	1	64.0	20	-	-	11.083217

Table 31 - 802.11n 20MHz 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	80.1	8	1431.0	-	0.049234
2	3	93.1	11	1540.0	1427.0	1.148773
3	2	52.4	15	1472.0	-	1.724414
4	2	50.7	6	1662.0	-	2.181250
5	1	96.3	11	-	-	3.141180
6	2	63.9	17	1779.0	-	3.548453
7	1	57.8	18	-	-	4.519615
8	1	69.8	14	-	-	4.928396
9	3	68.8	15	1334.0	1900.0	5.877129
10	1	61.9	10	-	-	6.014304
11	2	91.7	9	1304.0	-	6.829679
12	1	94.1	8	-	-	7.718387
13	2	53.9	12	1117.0	-	8.335669
14	3	96.4	12	1033.0	1752.0	8.714934
15	2	87.9	17	1435.0	-	9.756497
16	2	61.4	7	1136.0	-	10.202165
17	1	72.7	6	-	-	10.839495
18	3	56.7	15	1849.0	1525.0	11.640953

Table 32 - 802.11n 20MHz 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	64.5	13	1453.0	1038.0	0.237980
2	2	61.6	8	1365.0	-	1.898042
3	3	91.6	11	1043.0	1114.0	2.466391
4	3	96.9	14	1464.0	1879.0	3.937516
5	1	96.0	15	-	-	4.330505
6	3	51.2	7	1355.0	1431.0	5.621428
7	2	66.6	14	1291.0	-	6.212683
8	3	93.9	13	1156.0	1979.0	7.306836
9	2	87.3	14	1881.0	-	8.298159
10	2	83.0	12	1467.0	-	9.900369
11	2	92.6	10	1614.0	-	10.204267
12	2	52.3	16	1535.0	-	11.347907

Table 33 - 802.11n 20MHz 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	3	80.6	12	1697.0	1807.0	0.403280
2	3	81.1	20	1059.0	1977.0	2.035997
3	2	98.3	18	1485.0	-	3.196814
4	1	89.1	7	-	-	3.400507
5	1	74.8	19	-	-	5.031084
6	2	74.0	16	1293.0	-	5.666333
7	2	65.5	13	1024.0	-	7.202066
8	2	73.5	11	1937.0	-	8.329329
9	2	88.2	15	1316.0	-	9.376270
10	2	65.4	6	1632.0	-	10.808179
11	2	81.4	8	1497.0	-	11.315967

Table 34 - 802.11n 20MHz 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	88.8	6	1114.0	-	0.450198
2	3	95.0	17	1309.0	1784.0	0.714090
3	2	52.6	13	1497.0	-	1.615213
4	1	78.4	16	-	-	2.453987
5	2	82.0	18	1077.0	-	3.466653
6	2	50.4	15	1633.0	-	3.937069
7	2	53.2	13	1347.0	-	4.758499
8	1	79.0	8	-	-	5.337416
9	2	99.5	14	1134.0	-	6.013472
10	2	88.7	14	1694.0	-	6.451467
11	2	73.7	10	1120.0	-	7.287187
12	2	51.6	11	1551.0	-	8.369039
13	2	96.6	7	1907.0	-	8.497244
14	3	54.1	20	1108.0	1007.0	9.540500
15	1	53.8	7	-	-	10.412908
16	3	79.5	12	1063.0	1977.0	11.014163
17	1	74.5	17	-	-	11.613660

Table 35 - 802.11n 20MHz 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	86.9	7	1387.0	1102.0	0.525119
2	2	95.1	12	1753.0	-	0.653340
3	2	94.9	9	1527.0	-	1.345315
4	1	54.7	12	-	-	2.502726
5	2	63.5	12	1609.0	-	3.086791
6	3	99.9	13	1095.0	1748.0	3.462965
7	1	53.5	13	-	-	4.085135
8	3	85.9	14	1963.0	1673.0	4.530258
9	3	98.4	11	1414.0	1878.0	5.268686
10	3	70.9	8	1127.0	1087.0	6.272437
11	2	57.0	6	1437.0	-	6.477465
12	2	82.2	15	1474.0	-	6.983595
13	3	95.8	13	1588.0	1941.0	8.150922
14	1	87.5	15	-	-	8.771307
15	1	71.9	6	-	-	9.294274
16	3	66.9	20	1826.0	1894.0	10.054692
17	1	87.9	13	-	-	10.327799
18	2	77.3	11	1424.0	-	11.049669
19	2	69.6	20	1923.0	-	11.516703

Table 36 - 802.11n 20MHz 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	91.0	14	1089.0	-	0.379661
2	1	84.0	7	-	-	1.215919
3	1	97.1	13	-	-	1.867017
4	2	54.3	9	1725.0	-	2.360612
5	2	67.2	15	1726.0	-	2.715230
6	3	89.5	16	1333.0	1660.0	3.735062
7	3	82.6	6	1056.0	1678.0	4.610168
8	2	86.6	12	1351.0	-	4.750801
9	1	79.1	15	-	-	5.587260
10	3	53.6	6	1734.0	1803.0	6.031856
11	2	85.5	10	1793.0	-	7.072820
12	2	57.2	8	1407.0	-	7.905382
13	2	76.3	11	1712.0	-	8.494346
14	1	64.0	10	-	-	9.099216
15	2	82.1	16	1380.0	-	9.748843
16	2	92.3	14	1704.0	-	10.573834
17	3	79.1	13	1565.0	1106.0	10.737206
18	3	66.5	12	1398.0	1275.0	11.662841

Table 37 - 802.11n 20MHz 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	98.9	12	1772.0	-	0.356443
2	2	73.3	11	1133.0	-	1.074518
3	2	89.0	10	1717.0	-	1.747254
4	2	99.6	11	1929.0	-	2.619118
5	2	98.8	10	1539.0	-	3.067103
6	3	87.9	16	1474.0	1525.0	4.132860
7	2	79.6	6	1151.0	-	5.132870
8	2	65.0	8	1477.0	-	5.782702
9	2	79.0	15	1584.0	-	6.581113
10	2	65.9	7	1231.0	-	6.819241
11	2	88.1	10	1249.0	-	7.792697
12	1	74.1	8	-	-	8.382178
13	2	52.6	15	1737.0	-	9.325908
14	2	56.7	14	1719.0	-	9.918350
15	1	88.8	14	-	-	11.102761
16	2	70.7	11	1448.0	-	11.463901

Table 38 - 802.11n 20MHz 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	77.5	10	1863.0	-	0.141461
2	3	98.5	9	1675.0	1056.0	1.253438
3	2	89.3	19	1996.0	-	1.486839
4	1	66.7	7	-	-	1.932960
5	1	88.4	15	-	-	2.901213
6	1	63.0	19	-	-	3.652357
7	3	85.1	15	1291.0	1490.0	4.175627
8	2	77.2	12	1933.0	-	4.785174
9	2	74.7	18	1012.0	-	5.634744
10	1	57.0	9	-	-	5.911649
11	3	51.5	6	1075.0	1395.0	6.742068
12	2	56.7	10	1213.0	-	7.526194
13	2	73.5	11	1572.0	-	7.947666
14	1	66.7	6	-	-	8.805680
15	3	65.1	8	1904.0	1108.0	9.197800
16	3	88.9	19	1261.0	1843.0	9.817854
17	2	56.3	12	1184.0	-	10.405419
18	3	84.4	17	1985.0	1583.0	11.163351
19	2	89.4	12	1004.0	-	11.585433

Table 39 - 802.11n 20MHz 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	65.5	16	-	-	0.903058
2	1	96.2	13	-	-	1.614946
3	2	62.5	8	1319.0	-	2.316102
4	1	84.6	14	-	-	3.173768
5	2	68.4	19	1046.0	-	4.507592
6	2	92.3	11	1694.0	-	5.323622
7	3	76.6	6	1722.0	1647.0	6.873029
8	1	53.2	17	-	-	7.077786
9	3	68.1	15	1251.0	1226.0	8.931881
10	2	60.8	16	1176.0	-	9.862514
11	1	58.1	19	-	-	10.848506
12	2	75.5	14	1444.0	-	11.614857

Table 40 - 802.11n 20MHz Long Sequence Waveform Trial#26 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	72.6	8	1430.0	-	0.825276
2	2	57.0	14	1852.0	-	1.586931
3	1	52.0	11	-	-	2.812385
4	1	69.5	19	-	-	3.958265
5	2	90.5	8	1539.0	-	5.263898
6	3	76.1	20	1816.0	1065.0	5.999657
7	2	52.7	11	1527.0	-	7.492889
8	2	75.5	8	1382.0	-	8.667363
9	3	67.8	6	1543.0	1009.0	9.496813
10	2	70.3	10	1960.0	-	10.411245
11	1	50.3	13	-	-	11.688439

Table 41 - 802.11n 20MHz 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	74.4	5	-	-	0.152224
2	2	78.7	9	1861.0	-	1.391672
3	1	82.2	19	-	-	1.941114
4	1	98.2	19	-	-	2.568639
5	2	51.9	16	1343.0	-	3.644441
6	2	53.1	16	1098.0	-	3.905373
7	1	67.5	10	-	-	4.714712
8	1	63.1	18	-	-	5.385028
9	1	58.7	12	-	-	6.284830
10	3	78.8	6	1670.0	1582.0	7.214137
11	3	95.1	17	1996.0	1236.0	7.590299
12	1	67.4	19	-	-	8.373566
13	3	65.0	14	1656.0	1541.0	9.270122
14	3	86.0	16	1329.0	1312.0	10.340402
15	2	67.1	6	1672.0	-	10.646951
16	1	93.9	15	-	-	11.449502

Table 42 - 802.11n 20MHz 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	3	97.1	10	1285.0	1189.0	0.135457
2	2	64.6	18	1994.0	-	1.030439
3	1	52.5	15	-	-	2.169044
4	2	69.5	13	1391.0	-	3.413041
5	3	77.1	9	1965.0	1192.0	4.664284
6	3	83.8	13	1247.0	1238.0	5.992134
7	3	61.0	16	1205.0	1875.0	6.197345
8	2	86.5	14	1863.0	-	7.442819
9	3	78.6	19	1964.0	1444.0	8.527547
10	2	87.2	6	1659.0	-	9.701847
11	2	59.7	13	1122.0	-	10.414607
12	2	64.5	20	1596.0	-	11.724665

Table 43 - 802.11n 20MHz 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	70.7	9	1046.0	-	0.901208
2	1	74.5	9	-	-	1.309723
3	1	99.5	9	-	-	2.358480
4	2	65.5	13	1207.0	-	3.724344
5	2	81.1	12	1384.0	-	5.185076
6	2	78.8	16	1937.0	-	5.740152
7	3	81.5	5	1429.0	1882.0	7.085904
8	3	61.7	19	1074.0	1188.0	8.572175
9	2	65.4	6	1886.0	-	9.209040
10	2	62.2	18	1046.0	-	10.186617
11	1	61.0	10	-	-	11.449401

Table 44 - 802.11n 20MHz 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	93.9	19	1138.0	-	0.432893
2	2	69.6	20	1445.0	-	1.502690
3	2	95.1	5	1748.0	-	2.439552
4	2	65.7	17	1947.0	-	3.988914
5	3	67.3	18	1209.0	1659.0	4.816839
6	3	60.9	18	1971.0	1025.0	5.542212
7	2	71.3	18	1927.0	-	6.547751
8	1	77.5	6	-	-	7.627473
9	3	62.3	8	1408.0	1584.0	8.399545
10	1	54.4	20	-	-	9.387292
11	1	76.6	20	-	-	10.413615
12	2	61.3	7	1952.0	-	11.320452

Table 45 - FCC Short Pulse Radar (Type 1) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5560.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5555.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5550.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5575.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5570.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5565.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5560.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5555.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5550.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5575.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5570.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5565.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5560.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5555.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5550.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5575.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5570.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5565.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5560.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5555.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5550.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5545.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5575.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5570.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5565.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5560.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5555.0MHz, -63.0dBm	Single burst

Table 46 - FCC Short Pulse Radar (Type 2) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	29	3.3	159.0	Yes	5560.0MHz, -63.0dBm	Single burst
2	27	3.7	188.0	Yes	5555.0MHz, -63.0dBm	Single burst
3	24	1.6	204.0	Yes	5550.0MHz, -63.0dBm	Single burst
4	29	1.5	192.0	Yes	5545.0MHz, -63.0dBm	Single burst
5	27	2.5	189.0	Yes	5575.0MHz, -63.0dBm	Single burst
6	24	4.2	220.0	No	5570.0MHz, -63.0dBm	Single burst
7	25	1.9	193.0	Yes	5565.0MHz, -63.0dBm	Single burst
8	27	4.7	167.0	Yes	5560.0MHz, -63.0dBm	Single burst
9	29	4.7	193.0	Yes	5555.0MHz, -63.0dBm	Single burst
10	26	3.7	184.0	Yes	5550.0MHz, -63.0dBm	Single burst
11	29	1.9	224.0	Yes	5545.0MHz, -63.0dBm	Single burst
12	25	1.6	196.0	Yes	5575.0MHz, -63.0dBm	Single burst
13	26	4.1	163.0	Yes	5570.0MHz, -63.0dBm	Single burst
14	24	1.3	197.0	Yes	5565.0MHz, -63.0dBm	Single burst
15	26	3.8	158.0	Yes	5560.0MHz, -63.0dBm	Single burst
16	28	4.5	154.0	Yes	5555.0MHz, -63.0dBm	Single burst
17	25	2.4	225.0	Yes	5550.0MHz, -63.0dBm	Single burst
18	26	1.5	164.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	24	1.4	210.0	Yes	5575.0MHz, -63.0dBm	Single burst
20	28	3.3	214.0	Yes	5570.0MHz, -63.0dBm	Single burst
21	26	1.3	203.0	Yes	5565.0MHz, -63.0dBm	Single burst
22	27	1.9	184.0	Yes	5560.0MHz, -63.0dBm	Single burst
23	28	4.6	224.0	Yes	5555.0MHz, -63.0dBm	Single burst
24	27	3.9	221.0	Yes	5550.0MHz, -63.0dBm	Single burst
25	27	1.6	152.0	Yes	5545.0MHz, -63.0dBm	Single burst
26	28	2.4	183.0	Yes	5575.0MHz, -63.0dBm	Single burst
27	24	2.5	159.0	Yes	5570.0MHz, -63.0dBm	Single burst
28	23	1.2	217.0	Yes	5565.0MHz, -63.0dBm	Single burst
29	29	3.8	211.0	Yes	5560.0MHz, -63.0dBm	Single burst
30	24	1.2	208.0	Yes	5555.0MHz, -63.0dBm	Single burst

Table 47 - FCC Short Pulse Radar (Type 3) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	7.1	360.0	Yes	5560.0MHz, -63.0dBm	Single burst
2	18	8.3	207.0	Yes	5555.0MHz, -63.0dBm	Single burst
3	17	8.7	227.0	Yes	5550.0MHz, -63.0dBm	Single burst
4	18	7.5	261.0	Yes	5545.0MHz, -63.0dBm	Single burst
5	17	9.5	446.0	Yes	5575.0MHz, -63.0dBm	Single burst
6	18	8.5	384.0	Yes	5570.0MHz, -63.0dBm	Single burst
7	17	7.9	212.0	Yes	5565.0MHz, -63.0dBm	Single burst
8	18	6.1	482.0	Yes	5560.0MHz, -63.0dBm	Single burst
9	17	6.3	427.0	Yes	5555.0MHz, -63.0dBm	Single burst
10	17	7.0	432.0	Yes	5550.0MHz, -63.0dBm	Single burst
11	17	9.9	253.0	Yes	5545.0MHz, -63.0dBm	Single burst
12	18	6.4	407.0	Yes	5575.0MHz, -63.0dBm	Single burst
13	18	7.2	269.0	Yes	5570.0MHz, -63.0dBm	Single burst
14	17	8.8	457.0	Yes	5565.0MHz, -63.0dBm	Single burst
15	16	9.5	433.0	Yes	5560.0MHz, -63.0dBm	Single burst
16	16	9.0	434.0	Yes	5555.0MHz, -63.0dBm	Single burst
17	17	7.4	418.0	Yes	5550.0MHz, -63.0dBm	Single burst
18	17	9.1	374.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	17	7.9	247.0	Yes	5575.0MHz, -63.0dBm	Single burst
20	16	7.4	354.0	Yes	5570.0MHz, -63.0dBm	Single burst
21	16	8.0	480.0	Yes	5565.0MHz, -63.0dBm	Single burst
22	17	7.2	482.0	Yes	5560.0MHz, -63.0dBm	Single burst
23	17	6.2	344.0	Yes	5555.0MHz, -63.0dBm	Single burst
24	17	6.1	456.0	Yes	5550.0MHz, -63.0dBm	Single burst
25	17	8.4	291.0	Yes	5545.0MHz, -63.0dBm	Single burst
26	18	7.2	367.0	Yes	5575.0MHz, -63.0dBm	Single burst
27	16	6.1	379.0	Yes	5570.0MHz, -63.0dBm	Single burst
28	17	6.3	282.0	Yes	5565.0MHz, -63.0dBm	Single burst
29	17	9.2	360.0	Yes	5560.0MHz, -63.0dBm	Single burst
30	18	8.0	332.0	Yes	5555.0MHz, -63.0dBm	Single burst

Table 48 - FCC Short Pulse Radar (Type 4) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	12	15.6	374.0	Yes	5560.0MHz, -63.0dBm	Single burst
2	15	11.0	488.0	Yes	5555.0MHz, -63.0dBm	Single burst
3	15	13.8	464.0	Yes	5550.0MHz, -63.0dBm	Single burst
4	15	13.8	478.0	Yes	5545.0MHz, -63.0dBm	Single burst
5	14	12.5	308.0	Yes	5575.0MHz, -63.0dBm	Single burst
6	16	16.5	423.0	Yes	5570.0MHz, -63.0dBm	Single burst
7	15	19.7	457.0	Yes	5565.0MHz, -63.0dBm	Single burst
8	15	11.5	369.0	Yes	5560.0MHz, -63.0dBm	Single burst
9	16	14.0	275.0	Yes	5555.0MHz, -63.0dBm	Single burst
10	13	11.8	262.0	Yes	5550.0MHz, -63.0dBm	Single burst
11	12	15.4	291.0	Yes	5545.0MHz, -63.0dBm	Single burst
12	13	14.2	394.0	Yes	5575.0MHz, -63.0dBm	Single burst
13	16	15.9	337.0	Yes	5570.0MHz, -63.0dBm	Single burst
14	14	16.7	345.0	Yes	5565.0MHz, -63.0dBm	Single burst
15	15	13.1	414.0	Yes	5560.0MHz, -63.0dBm	Single burst
16	13	16.4	254.0	Yes	5555.0MHz, -63.0dBm	Single burst
17	13	15.4	473.0	Yes	5550.0MHz, -63.0dBm	Single burst
18	15	19.2	482.0	Yes	5545.0MHz, -63.0dBm	Single burst
19	13	12.3	307.0	Yes	5575.0MHz, -63.0dBm	Single burst
20	14	15.3	434.0	Yes	5570.0MHz, -63.0dBm	Single burst
21	13	19.3	308.0	Yes	5565.0MHz, -63.0dBm	Single burst
22	14	17.6	475.0	Yes	5560.0MHz, -63.0dBm	Single burst
23	12	15.9	402.0	Yes	5555.0MHz, -63.0dBm	Single burst
24	14	16.5	493.0	Yes	5550.0MHz, -63.0dBm	Single burst
25	12	12.2	271.0	Yes	5545.0MHz, -63.0dBm	Single burst
26	14	16.6	221.0	Yes	5575.0MHz, -63.0dBm	Single burst
27	12	16.8	217.0	Yes	5570.0MHz, -63.0dBm	Single burst
28	15	16.0	415.0	Yes	5565.0MHz, -63.0dBm	Single burst
29	12	19.6	419.0	Yes	5560.0MHz, -63.0dBm	Single burst
30	15	15.3	280.0	Yes	5555.0MHz, -63.0dBm	Single burst

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5578.0MHz, -63.0dBm	Hop sequence: 5433, 5365, 5392, 5470, 5585, 5404, 5511, 5676, 5685, 5440, 5381, 5443, 5691, 5593, 5353, 5390, 5473, 5556, 5265, 5658, 5309, 5607, 5424, 5304, 5388, 5417, 5307, 5635, 5528, 5483, 5288, 5383, 5650, 5514, 5434, 5545, 5653, 5596, 5337, 5317, 5541, 5624, 5494, 5407, 5533, 5601, 5544, 5687, 5411, 5712, 5566, 5520, 5269, 5351, 5684, 5550, 5490, 5280, 5431, 5348, 5453, 5548, 5405, 5674, 5579, 5523, 5355, 5708, 5679, 5709, 5384, 5530, 5295, 5279, 5313, 5399, 5551, 5522, 5335, 5375, 5723, 5696, 5565, 5543, 5646, 5690, 5379, 5525, 5378, 5369, 5716, 5439, 5346, 5364, 5563, 5367, 5345, 5368, 5573, 5706 (13 hits) (11/07/2011 04:43:59 PM)
2	9	1.0	333.0	Yes	5579.0MHz, -63.0dBm	Hop sequence: 5379, 5350, 5392, 5359, 5364, 5294, 5625, 5383, 5284, 5552, 5604, 5422, 5676, 5682, 5626, 5669, 5340, 5268, 5360, 5493, 5351, 5615, 5323, 5271, 5495, 5463, 5250, 5644, 5476, 5488, 5643, 5605, 5396, 5416, 5588, 5481, 5412, 5411, 5657, 5564, 5508, 5310, 5251, 5292, 5494, 5572, 5633, 5352, 5455, 5276, 5297, 5527, 5517, 5468, 5503, 5613, 5309, 5337, 5313, 5629, 5295, 5611, 5636, 5565, 5665, 5710, 5387, 5417, 5718, 5706, 5358, 5570, 5596, 5590, 5549, 5315, 5281, 5667, 5305, 5543, 5502, 5649, 5607, 5555, 5516, 5296, 5498, 5274, 5715, 5653, 5683, 5257, 5548, 5278, 5504, 5714, 5303, 5405, 5614, 5447 (9 hits) (11/07/2011 04:44:20 PM)
3	9	1.0	333.0	Yes	5541.0MHz, -63.0dBm	Hop sequence: 5517, 5636, 5510, 5505, 5634, 5383, 5583, 5387, 5694, 5569, 5277, 5398, 5406, 5269, 5370, 5299, 5608, 5558, 5670, 5524, 5551, 5493, 5434, 5653, 5423, 5687, 5721, 5718, 5447, 5686, 5482, 5695, 5678, 5632, 5607, 5548, 5534, 5267, 5275, 5373, 5646, 5334, 5664, 5594, 5596, 5461, 5640, 5389,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5547, 5437, 5431, 5408, 5659, 5312, 5612, 5462, 5396, 5351, 5291, 5369, 5622, 5588, 5621, 5466, 5639, 5295, 5278, 5539, 5562, 5611, 5587, 5271, 5573, 5450, 5561, 5274, 5319, 5630, 5565, 5701, 5356, 5357, 5381, 5314, 5401, 5513, 5453, 5560, 5335, 5330, 5618, 5684, 5411, 5714, 5546, 5454, 5417, 5253, 5300, 5251 (11 hits) (11/07/2011 04:44:47 PM)
4	9	1.0	333.0	Yes	5542.0MHz, -63.0dBm	Hop sequence: 5615, 5445, 5268, 5667, 5678, 5485, 5362, 5276, 5620, 5722, 5384, 5472, 5502, 5272, 5368, 5289, 5394, 5464, 5617, 5401, 5403, 5532, 5585, 5270, 5538, 5260, 5371, 5618, 5430, 5658, 5412, 5676, 5566, 5645, 5521, 5707, 5563, 5373, 5596, 5311, 5621, 5473, 5483, 5558, 5447, 5551, 5287, 5726, 5578, 5575, 5692, 5567, 5625, 5549, 5547, 5508, 5649, 5719, 5265, 5480, 5685, 5499, 5290, 5662, 5297, 5410, 5545, 5271, 5411, 5492, 5495, 5315, 5691, 5438, 5503, 5359, 5353, 5382, 5725, 5278, 5669, 5696, 5608, 5515, 5524, 5703, 5400, 5284, 5352, 5308, 5354, 5375, 5321, 5365, 5550, 5591, 5690, 5320, 5369, 5542 (12 hits) (11/07/2011 04:44:57 PM)
5	9	1.0	333.0	Yes	5543.0MHz, -63.0dBm	Hop sequence: 5572, 5377, 5423, 5573, 5498, 5568, 5330, 5624, 5495, 5670, 5652, 5529, 5639, 5609, 5396, 5605, 5385, 5310, 5706, 5465, 5321, 5265, 5560, 5551, 5566, 5535, 5309, 5707, 5651, 5348, 5364, 5446, 5708, 5454, 5693, 5335, 5660, 5443, 5607, 5405, 5406, 5368, 5453, 5511, 5710, 5439, 5518, 5359, 5271, 5263, 5619, 5705, 5281, 5509, 5260, 5694, 5373, 5570, 5254, 5720, 5426, 5450, 5300, 5555, 5559, 5400, 5501, 5504, 5604, 5458, 5303, 5471, 5433, 5618, 5497, 5457, 5403, 5472, 5647, 5380, 5488, 5340, 5634, 5657, 5357, 5522, 5506, 5637, 5447, 5289, 5663, 5659, 5445, 5441, 5412, 5691, 5557, 5593, 5461, 5323 (10 hits) (11/07/2011

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:46:21 PM)
6	9	1.0	333.0	Yes	5544.0MHz, -63.0dBm	Hop sequence: 5614, 5388, 5273, 5251, 5280, 5594, 5485, 5646, 5658, 5724, 5357, 5549, 5526, 5550, 5479, 5272, 5360, 5543, 5641, 5640, 5402, 5419, 5558, 5649, 5587, 5325, 5393, 5605, 5548, 5505, 5343, 5382, 5539, 5351, 5381, 5599, 5309, 5498, 5588, 5472, 5286, 5606, 5462, 5691, 5706, 5557, 5385, 5439, 5453, 5275, 5560, 5607, 5715, 5530, 5577, 5601, 5615, 5556, 5317, 5278, 5569, 5319, 5320, 5544, 5675, 5400, 5500, 5632, 5409, 5271, 5266, 5513, 5260, 5361, 5359, 5613, 5712, 5348, 5318, 5545, 5636, 5304, 5396, 5353, 5457, 5379, 5625, 5482, 5258, 5372, 5553, 5585, 5354, 5297, 5497, 5546, 5596, 5634, 5684, 5488 (14 hits) (11/07/2011 04:47:01 PM)
7	9	1.0	333.0	Yes	5545.0MHz, -63.0dBm	Hop sequence: 5627, 5358, 5314, 5262, 5510, 5618, 5561, 5482, 5251, 5321, 5431, 5376, 5486, 5512, 5702, 5614, 5457, 5713, 5301, 5347, 5416, 5589, 5649, 5297, 5573, 5433, 5333, 5466, 5477, 5357, 5530, 5722, 5316, 5479, 5535, 5387, 5311, 5354, 5362, 5689, 5703, 5455, 5526, 5385, 5374, 5511, 5701, 5293, 5280, 5719, 5398, 5723, 5592, 5289, 5370, 5688, 5500, 5622, 5644, 5540, 5490, 5300, 5564, 5355, 5664, 5708, 5369, 5633, 5420, 5575, 5380, 5390, 5711, 5581, 5505, 5419, 5559, 5539, 5616, 5474, 5277, 5259, 5295, 5596, 5709, 5364, 5464, 5551, 5447, 5424, 5465, 5522, 5712, 5608, 5541, 5418, 5521, 5341, 5371, 5580 (7 hits) (11/07/2011 04:47:20 PM)
8	9	1.0	333.0	Yes	5546.0MHz, -63.0dBm	Hop sequence: 5627, 5313, 5504, 5426, 5675, 5638, 5682, 5422, 5480, 5491, 5626, 5649, 5524, 5686, 5273, 5585, 5672, 5361, 5446, 5698, 5478, 5562, 5462, 5506, 5663, 5258, 5513, 5534, 5433, 5659, 5526, 5582, 5306, 5520, 5307, 5383, 5725, 5268, 5505, 5591, 5516, 5333, 5274, 5644, 5652, 5690, 5717, 5551,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5283, 5341, 5583, 5522, 5590, 5485, 5434, 5679, 5364, 5657, 5314, 5476, 5541, 5301, 5487, 5714, 5285, 5641, 5521, 5387, 5345, 5404, 5481, 5335, 5611, 5310, 5411, 5705, 5332, 5488, 5648, 5625, 5609, 5712, 5408, 5319, 5531, 5323, 5379, 5334, 5403, 5493, 5561, 5330, 5543, 5654, 5624, 5501, 5482, 5515, 5628, 5532 (5 hits) (11/07/2011 04:48:01 PM)
9	9	1.0	333.0	Yes	5547.0MHz, -63.0dBm	Hop sequence: 5333, 5268, 5300, 5357, 5686, 5625, 5699, 5634, 5508, 5710, 5517, 5671, 5546, 5293, 5412, 5328, 5466, 5273, 5725, 5682, 5485, 5627, 5265, 5633, 5672, 5531, 5522, 5628, 5383, 5640, 5501, 5360, 5256, 5585, 5430, 5716, 5417, 5292, 5382, 5438, 5458, 5588, 5660, 5545, 5638, 5603, 5447, 5637, 5343, 5601, 5653, 5386, 5626, 5547, 5704, 5580, 5316, 5687, 5455, 5393, 5404, 5703, 5288, 5551, 5403, 5422, 5296, 5495, 5533, 5587, 5481, 5334, 5392, 5621, 5347, 5450, 5554, 5475, 5609, 5451, 5490, 5549, 5676, 5267, 5623, 5285, 5527, 5635, 5454, 5448, 5401, 5500, 5402, 5302, 5470, 5423, 5484, 5436, 5717, 5457 (6 hits) (11/07/2011 04:48:16 PM)
10	9	1.0	333.0	Yes	5548.0MHz, -63.0dBm	Hop sequence: 5710, 5370, 5290, 5395, 5491, 5630, 5373, 5407, 5612, 5661, 5262, 5389, 5505, 5465, 5437, 5316, 5501, 5553, 5304, 5482, 5504, 5486, 5405, 5283, 5320, 5712, 5514, 5474, 5577, 5333, 5646, 5356, 5518, 5461, 5270, 5692, 5433, 5708, 5271, 5563, 5495, 5430, 5585, 5376, 5329, 5429, 5365, 5546, 5626, 5614, 5278, 5390, 5361, 5570, 5281, 5544, 5718, 5711, 5267, 5670, 5622, 5667, 5302, 5330, 5551, 5707, 5602, 5428, 5345, 5273, 5375, 5536, 5344, 5617, 5669, 5530, 5467, 5690, 5636, 5450, 5529, 5479, 5520, 5515, 5435, 5720, 5318, 5379, 5540, 5258, 5623, 5432, 5253, 5625, 5427, 5311, 5519, 5293, 5511, 5539 (7 hits) (11/07/2011

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:48:40 PM)
11	9	1.0	333.0	Yes	5549.0MHz, -63.0dBm	Hop sequence: 5256, 5475, 5538, 5603, 5302, 5578, 5715, 5643, 5288, 5557, 5702, 5703, 5688, 5530, 5319, 5453, 5683, 5566, 5509, 5279, 5482, 5655, 5709, 5600, 5452, 5541, 5512, 5383, 5696, 5309, 5356, 5312, 5397, 5611, 5423, 5514, 5274, 5267, 5420, 5661, 5398, 5560, 5508, 5594, 5572, 5276, 5524, 5317, 5693, 5539, 5436, 5394, 5454, 5689, 5295, 5555, 5565, 5548, 5511, 5625, 5486, 5282, 5567, 5442, 5314, 5467, 5370, 5558, 5464, 5612, 5673, 5506, 5635, 5529, 5718, 5536, 5329, 5497, 5371, 5723, 5617, 5602, 5495, 5584, 5358, 5658, 5478, 5388, 5614, 5336, 5561, 5479, 5335, 5284, 5476, 5644, 5461, 5654, 5636, 5606 (12 hits) (11/07/2011 04:49:00 PM)
12	9	1.0	333.0	Yes	5550.0MHz, -63.0dBm	Hop sequence: 5692, 5264, 5669, 5470, 5254, 5549, 5684, 5469, 5327, 5686, 5266, 5504, 5452, 5397, 5708, 5579, 5500, 5641, 5385, 5491, 5604, 5455, 5606, 5400, 5566, 5645, 5403, 5572, 5384, 5270, 5272, 5660, 5337, 5615, 5465, 5450, 5687, 5435, 5521, 5448, 5578, 5360, 5667, 5251, 5532, 5328, 5482, 5574, 5406, 5534, 5546, 5286, 5623, 5670, 5589, 5706, 5570, 5622, 5445, 5437, 5721, 5658, 5399, 5454, 5355, 5565, 5597, 5460, 5429, 5511, 5691, 5654, 5600, 5259, 5342, 5391, 5656, 5408, 5571, 5472, 5366, 5386, 5256, 5314, 5495, 5608, 5712, 5699, 5433, 5441, 5389, 5567, 5662, 5559, 5599, 5274, 5291, 5628, 5326, 5401 (12 hits) (11/07/2011 04:49:18 PM)
13	9	1.0	333.0	Yes	5551.0MHz, -63.0dBm	Hop sequence: 5352, 5387, 5406, 5409, 5697, 5712, 5573, 5419, 5541, 5320, 5666, 5408, 5631, 5332, 5693, 5656, 5314, 5578, 5662, 5625, 5701, 5472, 5511, 5611, 5340, 5711, 5336, 5428, 5661, 5580, 5591, 5582, 5665, 5271, 5429, 5635, 5615, 5478, 5348, 5539, 5397, 5695, 5486, 5484, 5501, 5610, 5667, 5427,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5304, 5456, 5251, 5719, 5613, 5704, 5677, 5441, 5275, 5256, 5418, 5491, 5594, 5447, 5343, 5380, 5361, 5617, 5383, 5465, 5504, 5623, 5453, 5713, 5512, 5637, 5642, 5293, 5498, 5445, 5299, 5359, 5721, 5619, 5339, 5508, 5282, 5680, 5552, 5549, 5295, 5457, 5294, 5270, 5422, 5603, 5690, 5600, 5577, 5487, 5357, 5259 (6 hits) (11/07/2011 04:49:45 PM)
14	9	1.0	333.0	Yes	5552.0MHz, -63.0dBm	Hop sequence: 5593, 5610, 5424, 5284, 5470, 5488, 5329, 5324, 5283, 5463, 5615, 5557, 5357, 5303, 5567, 5454, 5384, 5367, 5671, 5419, 5365, 5282, 5260, 5275, 5333, 5492, 5412, 5666, 5495, 5374, 5337, 5640, 5570, 5561, 5487, 5690, 5563, 5674, 5504, 5334, 5466, 5721, 5638, 5675, 5641, 5451, 5387, 5552, 5432, 5254, 5550, 5713, 5415, 5363, 5542, 5571, 5715, 5531, 5649, 5699, 5450, 5711, 5364, 5273, 5564, 5680, 5707, 5430, 5360, 5382, 5420, 5586, 5397, 5693, 5484, 5379, 5293, 5546, 5403, 5665, 5366, 5402, 5409, 5587, 5518, 5292, 5494, 5694, 5534, 5616, 5511, 5306, 5327, 5618, 5673, 5298, 5445, 5431, 5573, 5722 (12 hits) (11/07/2011 04:50:06 PM)
15	9	1.0	333.0	Yes	5553.0MHz, -63.0dBm	Hop sequence: 5338, 5377, 5688, 5317, 5584, 5453, 5266, 5686, 5649, 5595, 5724, 5276, 5305, 5456, 5253, 5401, 5515, 5725, 5703, 5296, 5269, 5399, 5659, 5330, 5469, 5343, 5677, 5711, 5568, 5658, 5455, 5609, 5350, 5545, 5642, 5438, 5519, 5553, 5713, 5374, 5309, 5610, 5451, 5657, 5373, 5529, 5555, 5435, 5698, 5491, 5349, 5538, 5672, 5358, 5487, 5329, 5298, 5590, 5344, 5316, 5660, 5423, 5390, 5647, 5676, 5314, 5254, 5517, 5655, 5661, 5361, 5719, 5564, 5443, 5532, 5334, 5263, 5636, 5255, 5321, 5393, 5607, 5303, 5518, 5600, 5481, 5347, 5419, 5383, 5294, 5617, 5259, 5278, 5261, 5485, 5641, 5279, 5405, 5670, 5277 (5 hits) (11/07/2011

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:50:18 PM)
16	9	1.0	333.0	Yes	5554.0MHz, -63.0dBm	Hop sequence: 5549, 5398, 5617, 5575, 5562, 5502, 5474, 5555, 5433, 5671, 5422, 5311, 5713, 5622, 5439, 5357, 5707, 5286, 5260, 5528, 5435, 5458, 5712, 5640, 5370, 5552, 5682, 5543, 5368, 5677, 5462, 5407, 5324, 5364, 5285, 5574, 5529, 5478, 5657, 5262, 5338, 5698, 5475, 5258, 5647, 5342, 5362, 5394, 5281, 5584, 5694, 5259, 5404, 5485, 5721, 5378, 5628, 5487, 5720, 5358, 5610, 5656, 5316, 5635, 5488, 5641, 5337, 5704, 5605, 5595, 5459, 5666, 5304, 5558, 5668, 5665, 5590, 5544, 5583, 5596, 5700, 5468, 5356, 5708, 5480, 5391, 5465, 5718, 5373, 5486, 5540, 5482, 5702, 5660, 5696, 5255, 5521, 5627, 5355, 5273 (9 hits) (11/07/2011 04:50:31 PM)
17	9	1.0	333.0	Yes	5555.0MHz, -63.0dBm	Hop sequence: 5454, 5397, 5610, 5314, 5474, 5644, 5263, 5449, 5495, 5603, 5625, 5682, 5593, 5488, 5542, 5334, 5582, 5434, 5510, 5472, 5422, 5549, 5282, 5384, 5632, 5258, 5482, 5722, 5401, 5311, 5350, 5687, 5699, 5351, 5325, 5575, 5511, 5708, 5493, 5623, 5564, 5494, 5560, 5619, 5537, 5280, 5439, 5657, 5338, 5442, 5649, 5460, 5496, 5409, 5459, 5660, 5356, 5568, 5581, 5357, 5377, 5253, 5275, 5353, 5670, 5527, 5335, 5458, 5557, 5288, 5373, 5251, 5389, 5499, 5475, 5681, 5299, 5364, 5703, 5265, 5326, 5519, 5306, 5642, 5463, 5465, 5381, 5447, 5567, 5717, 5305, 5383, 5607, 5363, 5347, 5628, 5485, 5640, 5694, 5691 (8 hits) (11/07/2011 04:50:44 PM)
18	9	1.0	333.0	Yes	5556.0MHz, -63.0dBm	Hop sequence: 5603, 5655, 5346, 5345, 5558, 5611, 5646, 5648, 5451, 5684, 5401, 5323, 5469, 5250, 5560, 5600, 5482, 5427, 5437, 5339, 5687, 5697, 5588, 5322, 5689, 5516, 5304, 5691, 5300, 5430, 5398, 5581, 5328, 5446, 5598, 5521, 5400, 5680, 5369, 5405, 5663, 5723, 5522, 5635, 5374, 5299, 5270, 5594,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5262, 5373, 5583, 5620, 5294, 5479, 5378, 5677, 5450, 5341, 5403, 5420, 5347, 5337, 5363, 5355, 5257, 5372, 5572, 5256, 5714, 5564, 5644, 5464, 5715, 5582, 5362, 5704, 5619, 5652, 5454, 5471, 5643, 5458, 5399, 5571, 5599, 5361, 5709, 5627, 5404, 5566, 5510, 5515, 5563, 5682, 5606, 5453, 5481, 5523, 5387, 5553 (8 hits) (11/07/2011 04:50:55 PM)
19	9	1.0	333.0	Yes	5557.0MHz, -63.0dBm	Hop sequence: 5455, 5333, 5617, 5465, 5518, 5582, 5302, 5512, 5700, 5570, 5265, 5494, 5361, 5608, 5596, 5326, 5567, 5325, 5307, 5666, 5422, 5534, 5633, 5547, 5698, 5350, 5560, 5677, 5483, 5613, 5695, 5371, 5426, 5402, 5291, 5565, 5428, 5587, 5450, 5507, 5365, 5612, 5364, 5258, 5339, 5629, 5516, 5529, 5536, 5655, 5664, 5670, 5538, 5338, 5358, 5292, 5563, 5713, 5460, 5342, 5414, 5649, 5284, 5312, 5710, 5373, 5603, 5351, 5300, 5321, 5600, 5500, 5378, 5328, 5261, 5631, 5553, 5360, 5403, 5562, 5696, 5566, 5430, 5474, 5341, 5289, 5620, 5432, 5377, 5505, 5714, 5266, 5343, 5683, 5429, 5254, 5584, 5370, 5451, 5510 (9 hits) (11/07/2011 04:51:05 PM)
20	9	1.0	333.0	Yes	5558.0MHz, -63.0dBm	Hop sequence: 5350, 5272, 5274, 5577, 5597, 5518, 5459, 5697, 5358, 5663, 5399, 5323, 5474, 5409, 5612, 5691, 5536, 5361, 5708, 5694, 5285, 5397, 5538, 5368, 5479, 5578, 5687, 5563, 5679, 5558, 5644, 5665, 5438, 5602, 5312, 5432, 5287, 5614, 5362, 5565, 5403, 5423, 5653, 5622, 5478, 5592, 5378, 5421, 5291, 5315, 5334, 5489, 5571, 5674, 5331, 5490, 5527, 5266, 5701, 5257, 5398, 5462, 5648, 5557, 5463, 5587, 5522, 5408, 5271, 5393, 5725, 5611, 5476, 5369, 5626, 5692, 5690, 5345, 5714, 5661, 5589, 5372, 5670, 5414, 5498, 5591, 5640, 5620, 5260, 5377, 5406, 5551, 5523, 5630, 5566, 5499, 5588, 5686, 5485, 5638 (9 hits) (11/07/2011

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:51:15 PM)
21	9	1.0	333.0	Yes	5559.0MHz, -63.0dBm	Hop sequence: 5286, 5429, 5295, 5612, 5716, 5561, 5674, 5654, 5687, 5282, 5442, 5677, 5276, 5572, 5435, 5608, 5384, 5529, 5284, 5479, 5682, 5644, 5454, 5369, 5398, 5647, 5617, 5254, 5317, 5683, 5533, 5499, 5280, 5430, 5691, 5445, 5267, 5570, 5635, 5465, 5259, 5397, 5707, 5297, 5327, 5271, 5269, 5417, 5421, 5698, 5313, 5355, 5334, 5487, 5316, 5482, 5365, 5436, 5491, 5696, 5434, 5461, 5400, 5431, 5556, 5676, 5293, 5681, 5500, 5385, 5642, 5344, 5637, 5527, 5467, 5494, 5515, 5383, 5382, 5505, 5524, 5378, 5486, 5601, 5587, 5289, 5566, 5645, 5452, 5288, 5370, 5664, 5643, 5690, 5625, 5358, 5299, 5306, 5448, 5539 (5 hits) (11/07/2011 04:51:54 PM)
22	9	1.0	333.0	Yes	5560.0MHz, -63.0dBm	Hop sequence: 5708, 5690, 5483, 5496, 5652, 5313, 5532, 5358, 5500, 5447, 5621, 5328, 5453, 5444, 5311, 5533, 5326, 5479, 5675, 5554, 5472, 5371, 5654, 5401, 5703, 5308, 5494, 5477, 5522, 5510, 5357, 5725, 5569, 5547, 5651, 5511, 5384, 5362, 5415, 5398, 5502, 5647, 5339, 5298, 5587, 5266, 5713, 5616, 5560, 5290, 5499, 5258, 5619, 5697, 5638, 5503, 5588, 5355, 5595, 5424, 5259, 5434, 5460, 5478, 5356, 5331, 5467, 5437, 5413, 5377, 5633, 5342, 5381, 5380, 5655, 5544, 5252, 5694, 5712, 5541, 5722, 5349, 5301, 5352, 5482, 5523, 5449, 5493, 5368, 5305, 5296, 5607, 5389, 5378, 5486, 5567, 5260, 5265, 5316, 5707 (7 hits) (11/07/2011 04:52:07 PM)
23	9	1.0	333.0	Yes	5561.0MHz, -63.0dBm	Hop sequence: 5300, 5409, 5254, 5251, 5703, 5442, 5391, 5295, 5494, 5621, 5428, 5711, 5605, 5290, 5452, 5341, 5316, 5558, 5676, 5499, 5599, 5443, 5289, 5404, 5495, 5628, 5333, 5330, 5701, 5526, 5285, 5321, 5457, 5515, 5460, 5679, 5374, 5597, 5508, 5489, 5641, 5291, 5705, 5588, 5400, 5670, 5562, 5459,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5269, 5578, 5548, 5557, 5607, 5634, 5479, 5517, 5354, 5347, 5280, 5343, 5418, 5710, 5655, 5592, 5365, 5643, 5543, 5483, 5700, 5392, 5369, 5502, 5472, 5623, 5622, 5287, 5447, 5478, 5387, 5504, 5715, 5618, 5445, 5718, 5520, 5339, 5724, 5531, 5414, 5671, 5371, 5360, 5320, 5293, 5608, 5720, 5501, 5284, 5613, 5533 (6 hits) (11/07/2011 04:52:17 PM)
24	9	1.0	333.0	Yes	5562.0MHz, -63.0dBm	Hop sequence: 5256, 5525, 5326, 5619, 5313, 5555, 5471, 5604, 5386, 5528, 5508, 5307, 5365, 5387, 5537, 5484, 5335, 5712, 5547, 5419, 5389, 5634, 5614, 5576, 5464, 5549, 5655, 5423, 5598, 5361, 5633, 5289, 5510, 5462, 5503, 5513, 5379, 5277, 5385, 5466, 5572, 5601, 5428, 5463, 5506, 5470, 5564, 5445, 5260, 5586, 5540, 5457, 5343, 5458, 5551, 5720, 5388, 5654, 5308, 5557, 5562, 5595, 5354, 5255, 5345, 5348, 5440, 5541, 5262, 5367, 5278, 5662, 5667, 5660, 5653, 5340, 5588, 5491, 5628, 5450, 5258, 5443, 5501, 5275, 5497, 5384, 5592, 5512, 5480, 5401, 5378, 5550, 5381, 5414, 5726, 5487, 5298, 5534, 5411, 5432 (11 hits) (11/07/2011 04:52:30 PM)
25	9	1.0	333.0	Yes	5563.0MHz, -63.0dBm	Hop sequence: 5297, 5465, 5443, 5519, 5569, 5625, 5458, 5282, 5630, 5657, 5561, 5333, 5430, 5331, 5317, 5628, 5399, 5726, 5447, 5326, 5714, 5664, 5408, 5591, 5400, 5588, 5685, 5434, 5516, 5422, 5473, 5388, 5502, 5495, 5275, 5454, 5404, 5558, 5526, 5525, 5416, 5356, 5564, 5294, 5315, 5559, 5665, 5670, 5300, 5431, 5306, 5455, 5470, 5278, 5344, 5281, 5340, 5437, 5515, 5658, 5533, 5497, 5347, 5675, 5693, 5411, 5319, 5392, 5397, 5530, 5338, 5271, 5322, 5350, 5335, 5421, 5427, 5715, 5610, 5349, 5452, 5524, 5468, 5633, 5688, 5646, 5492, 5499, 5435, 5536, 5702, 5483, 5441, 5302, 5575, 5450, 5565, 5327, 5508, 5578 (8 hits) (11/07/2011

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:52:47 PM)
26	9	1.0	333.0	Yes	5564.0MHz, -63.0dBm	Hop sequence: 5492, 5409, 5716, 5558, 5331, 5602, 5262, 5326, 5612, 5676, 5324, 5467, 5330, 5643, 5372, 5304, 5639, 5359, 5566, 5436, 5683, 5295, 5365, 5329, 5327, 5341, 5344, 5503, 5615, 5477, 5665, 5598, 5348, 5456, 5286, 5378, 5310, 5628, 5638, 5501, 5644, 5506, 5391, 5460, 5694, 5572, 5563, 5508, 5525, 5560, 5338, 5413, 5551, 5625, 5710, 5478, 5640, 5653, 5608, 5693, 5375, 5569, 5637, 5594, 5709, 5294, 5385, 5491, 5458, 5682, 5646, 5505, 5517, 5718, 5357, 5383, 5414, 5616, 5466, 5431, 5354, 5450, 5536, 5475, 5623, 5483, 5522, 5411, 5546, 5554, 5494, 5591, 5300, 5373, 5439, 5289, 5340, 5398, 5421, 5607 (9 hits) (11/07/2011 04:53:09 PM)
27	9	1.0	333.0	Yes	5565.0MHz, -63.0dBm	Hop sequence: 5314, 5457, 5689, 5411, 5632, 5390, 5339, 5474, 5488, 5263, 5448, 5714, 5463, 5599, 5358, 5287, 5510, 5611, 5392, 5412, 5516, 5271, 5362, 5464, 5596, 5383, 5499, 5333, 5623, 5512, 5549, 5288, 5476, 5713, 5264, 5605, 5677, 5538, 5363, 5261, 5252, 5619, 5424, 5523, 5341, 5517, 5332, 5459, 5703, 5452, 5608, 5612, 5530, 5458, 5636, 5676, 5515, 5473, 5601, 5558, 5354, 5461, 5303, 5324, 5577, 5340, 5555, 5327, 5527, 5470, 5603, 5338, 5701, 5503, 5375, 5685, 5414, 5423, 5259, 5496, 5670, 5690, 5594, 5420, 5721, 5552, 5472, 5298, 5401, 5504, 5564, 5590, 5378, 5693, 5311, 5402, 5326, 5511, 5694, 5704 (6 hits) (11/07/2011 04:53:23 PM)
28	9	1.0	333.0	Yes	5566.0MHz, -63.0dBm	Hop sequence: 5413, 5614, 5456, 5720, 5696, 5518, 5694, 5549, 5567, 5492, 5570, 5487, 5455, 5483, 5399, 5477, 5631, 5716, 5557, 5484, 5343, 5465, 5381, 5296, 5650, 5470, 5375, 5621, 5368, 5309, 5485, 5407, 5640, 5469, 5383, 5565, 5548, 5369, 5479, 5510, 5392, 5593, 5677, 5564, 5312, 5285, 5409, 5377,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5596, 5395, 5687, 5461, 5302, 5338, 5419, 5349, 5590, 5284, 5371, 5448, 5500, 5403, 5675, 5589, 5599, 5657, 5511, 5446, 5578, 5520, 5535, 5636, 5422, 5281, 5332, 5684, 5432, 5530, 5331, 5367, 5352, 5719, 5440, 5358, 5293, 5709, 5295, 5639, 5424, 5342, 5453, 5290, 5264, 5401, 5429, 5497, 5273, 5323, 5516, 5356 (8 hits) (11/07/2011 04:53:36 PM)
29	9	1.0	333.0	Yes	5567.0MHz, -63.0dBm	Hop sequence: 5431, 5480, 5349, 5456, 5591, 5529, 5503, 5383, 5620, 5388, 5466, 5473, 5683, 5461, 5618, 5372, 5678, 5321, 5394, 5351, 5656, 5486, 5640, 5332, 5497, 5510, 5637, 5661, 5305, 5506, 5380, 5711, 5598, 5405, 5265, 5376, 5353, 5364, 5444, 5724, 5322, 5276, 5657, 5307, 5387, 5569, 5593, 5323, 5451, 5684, 5448, 5289, 5688, 5401, 5646, 5316, 5508, 5274, 5710, 5500, 5275, 5278, 5476, 5348, 5540, 5363, 5603, 5428, 5543, 5257, 5411, 5483, 5514, 5464, 5527, 5726, 5346, 5425, 5340, 5541, 5705, 5465, 5642, 5280, 5611, 5396, 5413, 5392, 5373, 5509, 5518, 5419, 5703, 5515, 5269, 5324, 5259, 5485, 5404, 5629 (3 hits) (11/07/2011 04:53:53 PM)
30	9	1.0	333.0	Yes	5568.0MHz, -63.0dBm	Hop sequence: 5473, 5634, 5711, 5426, 5346, 5480, 5581, 5555, 5572, 5281, 5548, 5297, 5694, 5465, 5589, 5648, 5272, 5470, 5410, 5392, 5645, 5381, 5282, 5693, 5690, 5530, 5639, 5540, 5306, 5605, 5665, 5303, 5338, 5624, 5607, 5436, 5660, 5433, 5350, 5582, 5612, 5568, 5666, 5499, 5264, 5358, 5404, 5631, 5296, 5438, 5354, 5651, 5641, 5273, 5317, 5442, 5333, 5328, 5451, 5625, 5618, 5538, 5633, 5632, 5363, 5669, 5662, 5580, 5467, 5502, 5421, 5365, 5427, 5523, 5543, 5474, 5276, 5288, 5270, 5291, 5642, 5541, 5456, 5255, 5329, 5556, 5316, 5673, 5586, 5672, 5717, 5265, 5313, 5302, 5653, 5611, 5593, 5619, 5722, 5275 (7 hits) (11/07/2011

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:54:05 PM)
31	9	1.0	333.0	Yes	5569.0MHz, -63.0dBm	Hop sequence: 5602, 5597, 5414, 5500, 5496, 5555, 5591, 5488, 5456, 5574, 5382, 5630, 5360, 5590, 5663, 5587, 5600, 5691, 5391, 5395, 5607, 5605, 5617, 5380, 5581, 5432, 5423, 5459, 5647, 5352, 5436, 5427, 5646, 5262, 5408, 5667, 5692, 5658, 5594, 5384, 5701, 5278, 5359, 5713, 5364, 5513, 5498, 5356, 5302, 5314, 5491, 5530, 5506, 5639, 5475, 5534, 5480, 5293, 5461, 5657, 5565, 5450, 5399, 5369, 5269, 5484, 5509, 5626, 5709, 5610, 5644, 5397, 5280, 5580, 5494, 5312, 5703, 5508, 5348, 5684, 5649, 5673, 5287, 5387, 5635, 5552, 5695, 5645, 5578, 5306, 5514, 5533, 5421, 5373, 5333, 5638, 5601, 5299, 5679, 5497 (5 hits) (11/07/2011 04:54:16 PM)
32	9	1.0	333.0	Yes	5570.0MHz, -63.0dBm	Hop sequence: 5415, 5605, 5344, 5454, 5717, 5475, 5704, 5548, 5336, 5558, 5550, 5309, 5310, 5489, 5471, 5693, 5706, 5281, 5723, 5679, 5572, 5322, 5342, 5408, 5388, 5672, 5640, 5578, 5685, 5493, 5700, 5274, 5447, 5625, 5259, 5334, 5622, 5593, 5477, 5661, 5658, 5690, 5384, 5395, 5695, 5724, 5561, 5375, 5560, 5652, 5486, 5682, 5413, 5400, 5321, 5288, 5320, 5621, 5630, 5577, 5420, 5492, 5476, 5552, 5651, 5275, 5463, 5343, 5422, 5329, 5555, 5650, 5449, 5670, 5669, 5379, 5441, 5687, 5522, 5332, 5480, 5473, 5692, 5557, 5289, 5421, 5455, 5689, 5586, 5722, 5610, 5636, 5514, 5324, 5634, 5412, 5280, 5686, 5468, 5390 (11 hits) (11/07/2011 04:54:35 PM)
33	9	1.0	333.0	Yes	5571.0MHz, -63.0dBm	Hop sequence: 5352, 5657, 5473, 5265, 5514, 5336, 5501, 5450, 5368, 5530, 5593, 5397, 5382, 5649, 5709, 5282, 5280, 5464, 5552, 5297, 5374, 5654, 5462, 5716, 5428, 5371, 5708, 5525, 5438, 5261, 5449, 5435, 5431, 5343, 5648, 5535, 5543, 5685, 5290, 5498, 5379, 5520, 5587, 5625, 5677, 5349, 5670, 5576,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5345, 5287, 5544, 5721, 5692, 5714, 5356, 5292, 5475, 5251, 5578, 5425, 5608, 5380, 5456, 5295, 5633, 5628, 5643, 5488, 5508, 5259, 5413, 5546, 5527, 5471, 5414, 5358, 5401, 5577, 5447, 5469, 5318, 5339, 5630, 5627, 5696, 5269, 5618, 5718, 5568, 5254, 5463, 5583, 5556, 5636, 5569, 5303, 5253, 5686, 5683, 5637 (10 hits) (11/07/2011 04:54:58 PM)
34	9	1.0	333.0	Yes	5572.0MHz, -63.0dBm	Hop sequence: 5493, 5695, 5700, 5554, 5710, 5702, 5615, 5328, 5560, 5662, 5628, 5663, 5665, 5712, 5335, 5725, 5718, 5719, 5608, 5567, 5677, 5473, 5599, 5445, 5449, 5304, 5479, 5370, 5497, 5423, 5505, 5627, 5289, 5364, 5593, 5401, 5658, 5475, 5301, 5315, 5571, 5632, 5319, 5531, 5496, 5269, 5720, 5400, 5520, 5371, 5424, 5648, 5259, 5361, 5464, 5340, 5265, 5651, 5633, 5362, 5372, 5511, 5399, 5468, 5573, 5657, 5377, 5460, 5661, 5687, 5421, 5298, 5606, 5645, 5258, 5618, 5266, 5487, 5295, 5619, 5586, 5551, 5523, 5459, 5376, 5342, 5703, 5448, 5477, 5664, 5408, 5405, 5360, 5283, 5634, 5679, 5723, 5500, 5368, 5287 (6 hits) (11/07/2011 04:55:32 PM)
35	9	1.0	333.0	Yes	5573.0MHz, -63.0dBm	Hop sequence: 5715, 5332, 5302, 5597, 5702, 5686, 5639, 5361, 5437, 5713, 5350, 5455, 5396, 5313, 5465, 5677, 5497, 5345, 5486, 5443, 5601, 5426, 5504, 5335, 5316, 5725, 5542, 5531, 5562, 5281, 5314, 5545, 5341, 5565, 5690, 5309, 5271, 5529, 5684, 5512, 5689, 5432, 5628, 5473, 5617, 5461, 5625, 5710, 5683, 5719, 5290, 5495, 5471, 5699, 5539, 5674, 5661, 5614, 5658, 5642, 5507, 5416, 5552, 5591, 5607, 5360, 5321, 5680, 5619, 5509, 5267, 5502, 5382, 5490, 5479, 5494, 5458, 5694, 5695, 5430, 5665, 5346, 5379, 5596, 5441, 5499, 5375, 5363, 5377, 5454, 5648, 5400, 5277, 5398, 5640, 5653, 5528, 5519, 5469, 5513 (5 hits) (11/07/2011

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:55:55 PM)
36	9	1.0	333.0	Yes	5574.0MHz, -63.0dBm	Hop sequence: 5660, 5599, 5714, 5363, 5382, 5669, 5568, 5538, 5337, 5555, 5265, 5509, 5592, 5357, 5479, 5520, 5401, 5697, 5444, 5430, 5499, 5692, 5623, 5481, 5593, 5651, 5435, 5277, 5562, 5524, 5661, 5404, 5503, 5321, 5595, 5273, 5276, 5441, 5370, 5456, 5664, 5335, 5633, 5677, 5591, 5531, 5655, 5506, 5296, 5689, 5480, 5681, 5546, 5394, 5528, 5367, 5695, 5426, 5526, 5279, 5360, 5662, 5717, 5346, 5362, 5643, 5496, 5608, 5272, 5596, 5636, 5637, 5421, 5353, 5406, 5300, 5293, 5261, 5312, 5724, 5333, 5539, 5297, 5377, 5511, 5354, 5687, 5311, 5543, 5374, 5424, 5674, 5253, 5303, 5373, 5607, 5270, 5442, 5267, 5501 (5 hits) (11/07/2011 04:56:09 PM)
37	9	1.0	333.0	Yes	5575.0MHz, -63.0dBm	Hop sequence: 5679, 5695, 5297, 5544, 5409, 5549, 5415, 5325, 5453, 5364, 5638, 5442, 5488, 5339, 5594, 5557, 5460, 5542, 5654, 5607, 5467, 5378, 5496, 5433, 5546, 5701, 5543, 5439, 5342, 5486, 5480, 5324, 5576, 5426, 5553, 5691, 5363, 5593, 5458, 5704, 5388, 5617, 5663, 5655, 5412, 5556, 5315, 5712, 5703, 5392, 5699, 5577, 5396, 5411, 5645, 5630, 5390, 5277, 5490, 5424, 5477, 5519, 5571, 5677, 5721, 5258, 5441, 5404, 5605, 5279, 5708, 5321, 5616, 5499, 5491, 5301, 5259, 5687, 5588, 5387, 5443, 5373, 5578, 5613, 5337, 5506, 5394, 5268, 5640, 5705, 5359, 5406, 5536, 5461, 5421, 5514, 5375, 5548, 5286, 5637 (13 hits) (11/07/2011 04:56:32 PM)
38	9	1.0	333.0	Yes	5576.0MHz, -63.0dBm	Hop sequence: 5654, 5510, 5287, 5383, 5616, 5485, 5379, 5647, 5468, 5349, 5433, 5478, 5563, 5431, 5590, 5675, 5410, 5442, 5281, 5426, 5279, 5493, 5566, 5570, 5417, 5506, 5361, 5329, 5302, 5637, 5530, 5307, 5386, 5492, 5668, 5684, 5617, 5641, 5521, 5464, 5568, 5620, 5529, 5494, 5677, 5372, 5261, 5482,

Table 49 - FCC frequency hopping radar (Type 6) Results 802.11n 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5498, 5283, 5610, 5580, 5473, 5345, 5415, 5378, 5460, 5254, 5648, 5596, 5301, 5533, 5544, 5662, 5463, 5309, 5333, 5699, 5405, 5512, 5377, 5472, 5427, 5611, 5673, 5320, 5680, 5339, 5407, 5640, 5667, 5524, 5385, 5726, 5490, 5646, 5465, 5251, 5567, 5445, 5340, 5609, 5364, 5572, 5615, 5351, 5289, 5670, 5369, 5539 (7 hits) (11/07/2011 04:56:47 PM)
39	9	1.0	333.0	Yes	5577.0MHz, -63.0dBm	Hop sequence: 5492, 5440, 5336, 5698, 5433, 5328, 5641, 5627, 5596, 5646, 5468, 5261, 5426, 5548, 5547, 5682, 5454, 5666, 5518, 5330, 5309, 5434, 5451, 5437, 5704, 5415, 5507, 5706, 5334, 5680, 5516, 5610, 5527, 5324, 5310, 5513, 5386, 5541, 5317, 5638, 5600, 5272, 5282, 5674, 5502, 5579, 5623, 5252, 5608, 5292, 5480, 5323, 5381, 5345, 5281, 5663, 5566, 5417, 5295, 5525, 5587, 5421, 5270, 5694, 5500, 5524, 5289, 5409, 5375, 5313, 5403, 5445, 5273, 5467, 5487, 5339, 5438, 5648, 5640, 5578, 5384, 5382, 5352, 5251, 5355, 5254, 5462, 5253, 5413, 5482, 5655, 5713, 5398, 5392, 5404, 5271, 5444, 5268, 5489, 5346 (6 hits) (11/07/2011 04:57:00 PM)

Table 50 - Long Sequence Waveform Summary 802.11n 40MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5560.0MHz, -63.0dBm
Trial #2	Detected	5555.0MHz, -63.0dBm
Trial #3	Detected	5550.0MHz, -63.0dBm
Trial #4	Detected	5545.0MHz, -63.0dBm
Trial #5	Detected	5575.0MHz, -63.0dBm
Trial #6	Detected	5570.0MHz, -63.0dBm
Trial #7	Detected	5565.0MHz, -63.0dBm
Trial #8	Detected	5560.0MHz, -63.0dBm
Trial #9	Detected	5555.0MHz, -63.0dBm
Trial #10	Detected	5550.0MHz, -63.0dBm
Trial #11	NOT Detected	5545.0MHz, -63.0dBm
Trial #12	Detected	5575.0MHz, -63.0dBm
Trial #13	Detected	5570.0MHz, -63.0dBm
Trial #14	Detected	5565.0MHz, -63.0dBm
Trial #15	Detected	5560.0MHz, -63.0dBm
Trial #16	Detected	5555.0MHz, -63.0dBm
Trial #17	Detected	5550.0MHz, -63.0dBm
Trial #18	Detected	5545.0MHz, -63.0dBm
Trial #19	Detected	5575.0MHz, -63.0dBm
Trial #20	Detected	5570.0MHz, -63.0dBm
Trial #21	Detected	5565.0MHz, -63.0dBm
Trial #22	Detected	5560.0MHz, -63.0dBm
Trial #23	Detected	5555.0MHz, -63.0dBm
Trial #24	Detected	5550.0MHz, -63.0dBm
Trial #25	Detected	5545.0MHz, -63.0dBm
Trial #26	Detected	5575.0MHz, -63.0dBm
Trial #27	Detected	5570.0MHz, -63.0dBm
Trial #28	Detected	5565.0MHz, -63.0dBm
Trial #29	Detected	5560.0MHz, -63.0dBm
Trial #30	Detected	5555.0MHz, -63.0dBm

Table 51 - 802.11n 40MHz 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	82.3	9	1677.0	1928.0	0.300508
2	2	88.0	14	1136.0	-	1.195652
3	2	56.2	13	1559.0	-	1.672430
4	1	73.5	11	-	-	2.659712
5	2	61.3	8	1566.0	-	3.560752
6	2	62.3	14	1329.0	-	4.246958
7	1	53.2	5	-	-	4.553575
8	3	56.5	7	1787.0	1180.0	5.359946
9	3	53.3	14	1952.0	1594.0	6.095166
10	2	66.9	6	1785.0	-	7.255287
11	2	60.7	5	1680.0	-	8.145912
12	3	72.9	15	1977.0	1752.0	8.637482
13	3	87.7	17	1327.0	1515.0	9.055950
14	2	74.3	20	1712.0	-	9.804154
15	2	62.1	17	1361.0	-	11.071961
16	2	51.6	19	1125.0	-	11.467116

Table 52 - 802.11n 40MHz 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	98.3	12	1132.0	-	0.049587
2	1	65.3	13	-	-	1.135174
3	3	89.7	6	1547.0	1906.0	1.606210
4	2	73.7	18	1660.0	-	2.390257
5	2	73.8	10	1931.0	-	3.062224
6	3	53.1	6	1308.0	1752.0	3.975164
7	2	82.4	14	1193.0	-	4.448520
8	1	73.7	12	-	-	5.273194
9	2	64.1	17	1229.0	-	5.639763
10	3	62.2	5	1125.0	1864.0	6.188682
11	2	70.1	16	1062.0	-	7.105460
12	2	69.4	12	1312.0	-	7.628807
13	1	73.1	17	-	-	8.173714
14	3	79.6	11	1972.0	1368.0	9.220521
15	2	66.3	17	1353.0	-	9.686115
16	1	77.3	11	-	-	10.285250
17	1	77.1	14	-	-	10.733322
18	2	84.1	8	1215.0	-	11.764124

Table 53 - 802.11n 40MHz 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	97.7	11	1805.0	1819.0	0.161177
2	2	61.5	16	1058.0	-	1.669099
3	2	63.0	17	1751.0	-	1.785028
4	1	74.7	7	-	-	3.214874
5	3	74.3	16	1164.0	1251.0	3.817267
6	2	57.9	12	1396.0	-	4.931307
7	3	55.3	13	1322.0	1971.0	5.336045
8	2	67.1	7	1078.0	-	6.239440
9	1	94.4	7	-	-	7.105914
10	2	67.0	20	1043.0	-	7.935290
11	1	95.8	15	-	-	9.367495
12	2	97.6	6	1854.0	-	9.763663
13	2	90.7	8	1841.0	-	10.556157
14	3	77.9	14	1443.0	1445.0	11.418201

Table 54 - 802.11n 40MHz 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	93.6	5	1251.0	1414.0	1.167821
2	1	68.3	6	-	-	1.342372
3	2	71.9	15	1502.0	-	3.159143
4	2	81.8	17	1161.0	-	4.447210
5	3	53.7	10	1067.0	1579.0	5.685429
6	2	54.7	11	1113.0	-	6.958409
7	2	85.6	12	1471.0	-	7.245602
8	2	76.6	9	1316.0	-	9.001558
9	1	68.2	8	-	-	9.828667
10	1	87.6	7	-	-	11.409396

Table 55 - 802.11n 40MHz 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	1	90.5	15	-	-	1.028707
2	1	68.5	16	-	-	2.439731
3	3	81.4	15	1152.0	1148.0	3.855875
4	1	80.1	5	-	-	5.186119
5	2	52.1	12	1224.0	-	6.480362
6	3	51.6	5	1834.0	1051.0	7.494681
7	1	71.6	5	-	-	8.490206
8	1	53.2	7	-	-	10.594455
9	1	55.3	15	-	-	11.338480

Table 56 - 802.11n 40MHz 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	1	65.6	17	-	-	0.593394
2	3	51.6	9	1893.0	1988.0	0.892139
3	2	80.3	10	1971.0	-	1.861484
4	3	52.8	15	1054.0	1508.0	2.296441
5	1	58.3	5	-	-	3.120511
6	1	69.5	10	-	-	3.848997
7	1	56.7	5	-	-	4.806467
8	2	52.0	8	1791.0	-	5.779898
9	3	54.7	9	1421.0	1347.0	6.157359
10	1	82.1	19	-	-	7.215322
11	2	72.2	13	1718.0	-	7.980641
12	3	53.9	5	1782.0	1878.0	8.744982
13	2	91.1	20	1811.0	-	9.577321
14	2	83.5	8	1659.0	-	10.155249
15	1	92.1	5	-	-	11.114279
16	2	94.2	5	1961.0	-	11.965435

Table 57 - 802.11n 40MHz 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	91.8	19	1098.0	-	1.113908
2	1	52.4	9	-	-	2.057497
3	2	98.0	13	1976.0	-	4.022173
4	2	59.0	16	1372.0	-	4.897293
5	2	82.0	11	1720.0	-	6.931776
6	2	80.0	16	1282.0	-	8.040573
7	3	69.5	15	1893.0	1424.0	9.175368
8	2	53.5	13	1270.0	-	11.429574

Table 58 - 802.11n 40MHz 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	58.1	10	1270.0	-	0.060871
2	2	72.6	10	1017.0	-	1.912848
3	2	99.1	11	1471.0	-	2.659402
4	1	78.3	19	-	-	4.100472
5	1	81.5	16	-	-	5.243278
6	2	74.4	10	1030.0	-	6.202510
7	2	74.6	17	1417.0	-	7.384659
8	3	74.4	13	1023.0	1785.0	8.446020
9	3	85.4	17	1617.0	1104.0	8.987327
10	1	75.7	7	-	-	9.996984
11	3	65.4	8	1953.0	1759.0	10.916169

Table 59 - 802.11n 40MHz 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	93.4	14	1285.0	-	0.613326
2	1	96.9	13	-	-	1.280804
3	1	87.5	11	-	-	2.224163
4	2	90.9	19	1342.0	-	2.518846
5	2	66.6	13	1501.0	-	3.472853
6	2	93.6	11	1965.0	-	4.419231
7	3	74.7	16	1722.0	1949.0	5.575289
8	1	76.6	7	-	-	6.075535
9	2	73.3	17	1289.0	-	6.802073
10	2	65.7	16	1157.0	-	7.247262
11	2	86.1	9	1552.0	-	8.139960
12	1	74.5	5	-	-	9.487419
13	2	78.5	16	1872.0	-	10.222397
14	3	71.1	16	1864.0	1488.0	10.580294
15	2	90.9	12	1913.0	-	11.384288

Table 60 - 802.11n 40MHz 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	88.3	17	1187.0	1004.0	0.659870
2	2	65.2	14	1006.0	-	0.994994
3	1	55.0	9	-	-	1.962333
4	2	65.0	19	1153.0	-	2.384878
5	2	76.5	8	1216.0	-	2.953604
6	3	75.2	17	1622.0	1143.0	3.714713
7	2	76.2	14	1404.0	-	4.301961
8	2	96.8	15	1981.0	-	5.547575
9	3	85.1	8	1705.0	1539.0	5.703143
10	2	71.6	10	1883.0	-	6.721208
11	2	68.1	9	1544.0	-	7.183334
12	2	84.2	12	1133.0	-	8.301884
13	3	82.0	6	1286.0	1664.0	8.539055
14	1	86.3	16	-	-	9.498018
15	3	54.8	10	1701.0	1997.0	10.539998
16	2	75.3	10	1070.0	-	10.818094
17	3	56.5	9	1822.0	1351.0	11.423426

Table 61 - 802.11n 40MHz Long Sequence Waveform Trial#11 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	61.3	17	1648.0	-	0.701335
2	1	61.2	7	-	-	1.451832
3	2	77.6	15	1006.0	-	2.753311
4	1	71.7	15	-	-	3.336568
5	3	96.2	17	1488.0	1150.0	4.778927
6	1	91.4	16	-	-	5.556678
7	2	55.6	19	1026.0	-	7.597625
8	3	73.5	14	1497.0	1573.0	8.525459
9	1	54.5	17	-	-	9.242109
10	1	84.6	9	-	-	10.588845
11	2	89.3	19	1716.0	-	11.483618

Table 62 - 802.11n 40MHz 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	66.1	9	1321.0	-	0.044480
2	3	71.9	8	1011.0	1251.0	2.066735
3	2	98.6	17	1576.0	-	2.996137
4	1	97.5	17	-	-	4.732428
5	1	67.3	20	-	-	5.544351
6	2	55.9	10	1851.0	-	7.152200
7	2	57.9	16	1641.0	-	7.760579
8	1	57.9	15	-	-	9.021749
9	1	72.8	12	-	-	10.548213
10	2	65.7	13	1388.0	-	10.862159

Table 63 - 802.11n 40MHz 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	63.0	19	1704.0	1264.0	0.674387
2	2	68.6	18	1546.0	-	1.134864
3	1	99.8	18	-	-	1.987911
4	2	71.5	12	1966.0	-	2.228607
5	1	67.3	8	-	-	3.038893
6	2	76.1	13	1723.0	-	3.967224
7	1	97.6	19	-	-	4.510730
8	2	98.9	12	1014.0	-	5.357552
9	1	58.2	9	-	-	5.984238
10	2	75.4	19	1957.0	-	6.785964
11	1	55.6	15	-	-	7.694034
12	2	99.2	10	1643.0	-	8.313972
13	1	63.0	18	-	-	9.119118
14	1	55.1	7	-	-	9.706602
15	3	57.7	20	1912.0	1896.0	10.033691
16	2	77.5	18	1613.0	-	10.898204
17	2	55.9	11	1871.0	-	11.913497

Table 64 - 802.11n 40MHz 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	95.3	8	1710.0	-	0.647547
2	2	84.6	6	1652.0	-	0.802029
3	1	99.5	18	-	-	1.757515
4	2	98.6	11	1205.0	-	2.224882
5	2	89.1	6	1654.0	-	3.143138
6	3	61.1	11	1969.0	1791.0	3.659932
7	1	55.0	16	-	-	4.190289
8	3	57.9	8	1571.0	1267.0	4.700693
9	2	51.5	14	1116.0	-	5.496245
10	1	58.9	16	-	-	6.381660
11	2	73.5	5	1369.0	-	6.727090
12	1	56.2	13	-	-	7.698672
13	3	71.0	11	1147.0	1966.0	8.051654
14	2	66.2	15	1420.0	-	8.929330
15	2	60.1	16	1365.0	-	9.970531
16	2	70.0	17	1520.0	-	10.345262
17	1	66.8	16	-	-	10.973297
18	2	90.7	16	1859.0	-	11.941440

Table 65 - 802.11n 40MHz 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	76.2	11	1941.0	-	0.361289
2	3	60.5	18	1672.0	1892.0	0.969925
3	3	89.0	11	1349.0	1731.0	1.585382
4	2	67.5	17	1532.0	-	2.137490
5	1	65.1	11	-	-	3.082169
6	2	53.2	18	1707.0	-	3.690332
7	2	91.9	11	1980.0	-	4.547219
8	2	74.3	9	1694.0	-	5.051662
9	1	93.1	10	-	-	5.431517
10	3	97.8	14	1292.0	1371.0	6.330614
11	1	71.7	12	-	-	7.118999
12	2	90.7	15	1436.0	-	7.761050
13	2	90.5	15	1527.0	-	8.350112
14	2	70.5	10	1667.0	-	8.771036
15	1	83.1	9	-	-	9.352908
16	2	92.5	17	1650.0	-	10.593289
17	1	71.5	19	-	-	11.242749
18	1	89.9	13	-	-	11.853789

Table 66 - 802.11n 40MHz 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	1	75.0	6	-	-	0.224459
2	1	75.1	17	-	-	0.791676
3	3	87.7	12	1489.0	1198.0	1.680385
4	1	90.5	15	-	-	2.028253
5	1	66.2	19	-	-	3.328088
6	2	67.3	14	1074.0	-	3.719947
7	3	51.0	6	1177.0	1884.0	4.007496
8	2	75.2	18	1684.0	-	4.765586
9	3	71.3	9	1054.0	1327.0	5.508992
10	2	70.7	17	1423.0	-	6.424601
11	2	96.4	5	1982.0	-	7.317575
12	2	52.5	18	1576.0	-	7.609197
13	3	68.8	13	1555.0	1477.0	8.335877
14	1	58.0	17	-	-	9.209887
15	2	71.0	13	1577.0	-	9.407154
16	3	62.0	12	1018.0	1933.0	10.154807
17	2	93.4	7	1359.0	-	10.767127
18	3	60.3	6	1627.0	1131.0	11.550742

Table 67 - 802.11n 40MHz 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	54.2	9	1066.0	-	0.198086
2	2	98.9	18	1770.0	-	0.783547
3	3	50.5	19	1158.0	1202.0	1.812021
4	3	93.0	10	1674.0	1055.0	2.547907
5	3	51.6	19	1103.0	1915.0	3.505031
6	2	51.4	6	1911.0	-	4.229237
7	1	83.8	16	-	-	4.262977
8	2	84.7	15	1132.0	-	5.032793
9	1	64.9	17	-	-	6.335089
10	1	93.4	10	-	-	6.953016
11	3	65.2	16	1211.0	1806.0	7.593894
12	2	57.5	15	1291.0	-	8.336557
13	3	81.7	15	1219.0	1185.0	8.719294
14	2	67.4	15	1830.0	-	9.429110
15	3	54.7	19	1240.0	1421.0	10.310002
16	2	60.3	15	1797.0	-	10.639512
17	1	73.9	6	-	-	11.569352

Table 68 - 802.11n 40MHz 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	98.6	15	1630.0	-	1.159560
2	1	99.1	8	-	-	2.369084
3	2	72.8	12	1377.0	-	3.711453
4	2	85.5	8	1137.0	-	4.002212
5	2	56.7	8	1625.0	-	5.632904
6	1	89.3	14	-	-	6.941019
7	3	53.0	7	1212.0	1673.0	8.916899
8	2	76.7	7	1289.0	-	9.952509
9	3	83.5	13	1225.0	1205.0	11.146533

Table 69 - 802.11n 40MHz 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	83.0	5	1181.0	-	0.409319
2	2	89.9	18	1413.0	-	0.869535
3	3	71.3	18	1491.0	1530.0	1.641276
4	1	73.4	18	-	-	2.565737
5	2	93.9	10	1999.0	-	3.065207
6	2	80.4	16	1728.0	-	4.070009
7	3	86.1	9	1493.0	1630.0	4.708969
8	2	84.8	10	1490.0	-	5.518381
9	3	79.5	14	1947.0	1156.0	5.701359
10	3	91.7	10	1208.0	1803.0	6.693839
11	1	92.6	16	-	-	7.733259
12	2	56.7	13	1821.0	-	8.432552
13	2	64.3	6	1789.0	-	8.529919
14	3	71.7	10	1869.0	1245.0	9.277782
15	1	96.2	18	-	-	10.262972
16	2	90.5	13	1265.0	-	11.253999
17	2	57.4	16	1457.0	-	11.692124

Table 70 - 802.11n 40MHz 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	54.9	14	-	-	0.764615
2	1	54.2	20	-	-	1.808511
3	2	76.4	7	1228.0	-	2.532349
4	2	85.3	17	1003.0	-	3.529076
5	1	94.4	19	-	-	5.136714
6	2	95.2	6	1540.0	-	5.578779
7	3	65.2	18	1141.0	1999.0	6.693154
8	3	59.5	5	1610.0	1590.0	8.474425
9	2	54.4	16	1074.0	-	9.518451
10	3	51.4	8	1692.0	1037.0	10.205923
11	1	90.9	14	-	-	11.437663

Table 71 - 802.11n 40MHz 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	66.0	17	1456.0	1950.0	0.281209
2	1	89.1	11	-	-	1.360077
3	2	63.2	17	1947.0	-	1.667464
4	2	81.7	11	1825.0	-	2.292048
5	2	73.3	12	1987.0	-	3.084816
6	2	99.2	19	1623.0	-	3.952667
7	3	53.5	18	1519.0	1568.0	5.037556
8	3	61.9	19	1781.0	1835.0	5.348853
9	3	80.0	10	1573.0	1659.0	6.520373
10	2	66.4	12	1304.0	-	7.253512
11	2	99.2	11	1001.0	-	7.504751
12	2	54.0	9	1702.0	-	8.874951
13	2	56.7	18	1296.0	-	9.681242
14	1	54.3	6	-	-	10.289703
15	2	84.5	11	1366.0	-	10.838281
16	1	83.4	11	-	-	11.926788

Table 72 - 802.11n 40MHz 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	84.9	17	1400.0	-	0.337342
2	3	93.1	18	1154.0	1828.0	1.614918
3	3	84.4	8	1188.0	1859.0	3.356252
4	1	69.9	14	-	-	4.940902
5	2	79.0	16	1524.0	-	5.547753
6	2	53.0	13	1880.0	-	7.400188
7	1	56.5	8	-	-	8.383769
8	3	59.2	15	1614.0	1952.0	10.442377
9	3	92.4	15	1101.0	1200.0	10.810376

Table 73 - 802.11n 40MHz 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	89.1	5	1868.0	-	0.148516
2	3	61.8	19	1676.0	1730.0	1.383882
3	2	75.1	7	1910.0	-	1.639352
4	2	92.4	16	1798.0	-	2.722934
5	3	65.1	16	1780.0	1057.0	3.336462
6	1	60.0	8	-	-	3.797723
7	2	99.7	12	1454.0	-	4.381859
8	2	59.1	15	1860.0	-	5.023975
9	2	98.4	7	1646.0	-	5.838877
10	3	96.4	11	1120.0	1554.0	6.857410
11	2	73.3	20	1179.0	-	7.177509
12	1	58.1	11	-	-	8.230077
13	2	69.7	9	1085.0	-	8.875538
14	2	72.6	20	1002.0	-	9.436349
15	3	90.1	7	1795.0	1004.0	10.282055
16	3	97.3	6	1220.0	1482.0	10.646992
17	2	83.1	11	1538.0	-	11.987705

Table 74 - 802.11n 40MHz 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	63.7	12	1450.0	-	0.063754
2	2	61.9	12	1352.0	-	1.107469
3	3	56.9	8	1477.0	1416.0	1.784766
4	2	87.2	6	1126.0	-	2.525810
5	2	69.0	9	1464.0	-	3.454463
6	1	51.3	11	-	-	3.995665
7	1	62.4	14	-	-	4.552530
8	2	85.9	18	1414.0	-	5.627536
9	3	93.8	12	1483.0	1778.0	6.138347
10	3	92.6	14	1852.0	1305.0	6.934252
11	3	73.3	10	1456.0	1723.0	7.179136
12	2	76.4	17	1783.0	-	8.356705
13	2	86.4	13	1174.0	-	8.898940
14	2	66.6	11	1246.0	-	9.578730
15	2	89.3	20	1864.0	-	10.371977
16	1	53.6	8	-	-	10.955167
17	3	50.4	19	1315.0	1938.0	11.747347

Table 75 - 802.11n 40MHz 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	51.1	5	1522.0	-	1.076238
2	2	89.9	14	1311.0	-	1.446909
3	2	77.2	19	1580.0	-	2.457233
4	1	84.3	11	-	-	3.899098
5	1	51.0	16	-	-	5.224942
6	3	57.0	9	1074.0	1862.0	5.482452
7	3	57.9	10	1058.0	1734.0	7.532191
8	3	65.1	19	1183.0	1194.0	8.625284
9	2	82.4	15	1687.0	-	8.991476
10	2	92.6	8	1861.0	-	10.215650
11	1	81.5	6	-	-	11.837648

Table 76 - 802.11n 40MHz 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	51.6	10	1543.0	-	0.549889
2	2	82.9	11	1948.0	-	1.578871
3	3	69.5	12	1461.0	1144.0	1.776763
4	2	76.1	15	1794.0	-	2.962430
5	2	53.9	12	1767.0	-	3.619598
6	2	97.7	11	1947.0	-	4.413226
7	1	65.0	14	-	-	5.183263
8	2	72.0	11	1325.0	-	6.151100
9	2	70.0	9	1827.0	-	7.352631
10	2	74.1	18	1064.0	-	8.402732
11	1	60.0	10	-	-	9.254946
12	2	53.5	7	1243.0	-	10.071130
13	3	86.9	19	1649.0	1982.0	11.136467
14	2	60.9	10	1077.0	-	11.450527

Table 77 - 802.11n 40MHz 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	70.2	16	-	-	0.606340
2	2	63.9	15	1962.0	-	0.855457
3	1	53.3	15	-	-	1.679778
4	2	61.0	19	1557.0	-	2.277386
5	1	89.9	15	-	-	3.437441
6	2	81.7	12	1988.0	-	3.784443
7	2	98.5	6	1430.0	-	4.800331
8	3	97.1	16	1853.0	1919.0	5.421401
9	1	60.8	15	-	-	5.649096
10	1	90.1	16	-	-	6.357509
11	3	52.4	18	1578.0	1396.0	7.486686
12	2	51.2	8	1541.0	-	7.888116
13	2	63.0	19	1235.0	-	8.534169
14	2	71.3	7	1454.0	-	9.686142
15	3	87.9	16	1608.0	1911.0	10.453033
16	2	57.7	17	1737.0	-	10.591991
17	1	81.3	13	-	-	11.424188

Table 78 - 802.11n 40MHz 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	95.2	6	1524.0	-	0.733967
2	3	87.8	13	1497.0	1332.0	0.973461
3	2	55.5	9	1787.0	-	2.208360
4	1	85.2	19	-	-	3.095805
5	3	74.0	18	1445.0	1591.0	3.485651
6	2	58.5	8	1389.0	-	4.183964
7	3	95.7	11	1234.0	1744.0	5.116477
8	2	82.2	14	1001.0	-	6.217504
9	3	92.4	14	1579.0	1934.0	6.989390
10	3	63.9	8	1504.0	1777.0	7.992367
11	2	59.9	9	1589.0	-	8.083837
12	2	90.3	8	1064.0	-	9.319756
13	3	73.0	11	1172.0	1954.0	10.291270
14	1	58.9	11	-	-	11.009676
15	2	67.1	10	1722.0	-	11.269249

Table 79 - 802.11n 40MHz 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	95.2	20	1394.0	-	0.721272
2	1	52.8	17	-	-	1.814375
3	3	71.3	17	1980.0	1167.0	2.556731
4	1	93.0	12	-	-	4.306404
5	3	93.8	12	1444.0	1205.0	5.987570
6	2	97.5	14	1529.0	-	6.212375
7	2	97.5	16	1232.0	-	7.801719
8	1	64.2	8	-	-	8.842490
9	3	92.7	10	1045.0	1554.0	9.977871
10	2	95.8	5	1119.0	-	11.864466

Table 80 - 802.11n 40MHz 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	81.5	10	1516.0	-	0.737522
2	3	92.9	6	1121.0	1999.0	2.368297
3	3	68.9	20	1835.0	1428.0	3.940655
4	2	90.1	17	1091.0	-	4.983096
5	3	68.9	5	1617.0	1487.0	6.008312
6	2	87.5	13	1731.0	-	7.444542
7	2	67.7	8	1358.0	-	8.209013
8	2	94.1	5	1069.0	-	10.219437
9	3	83.9	16	1920.0	1023.0	11.003011

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 81 - 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	0.9ms	60 ms	0.5s	10 s	PASS
Radar Type 5	0ms	60 ms	0s	10 s	PASS

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

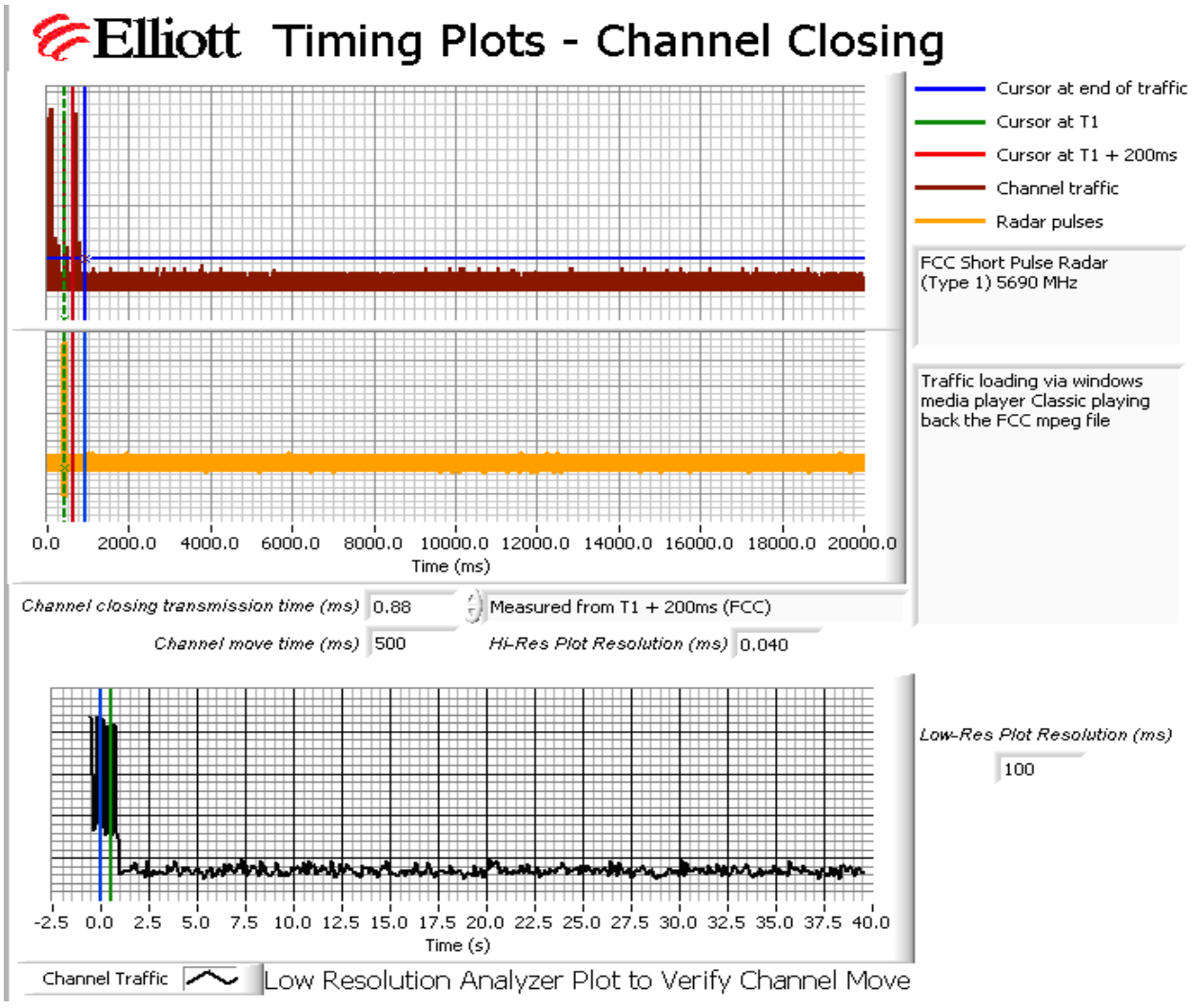

Figure 2 Channel Closing Time and Channel Move Time (Radar Type 1) – 40 second plot

[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.

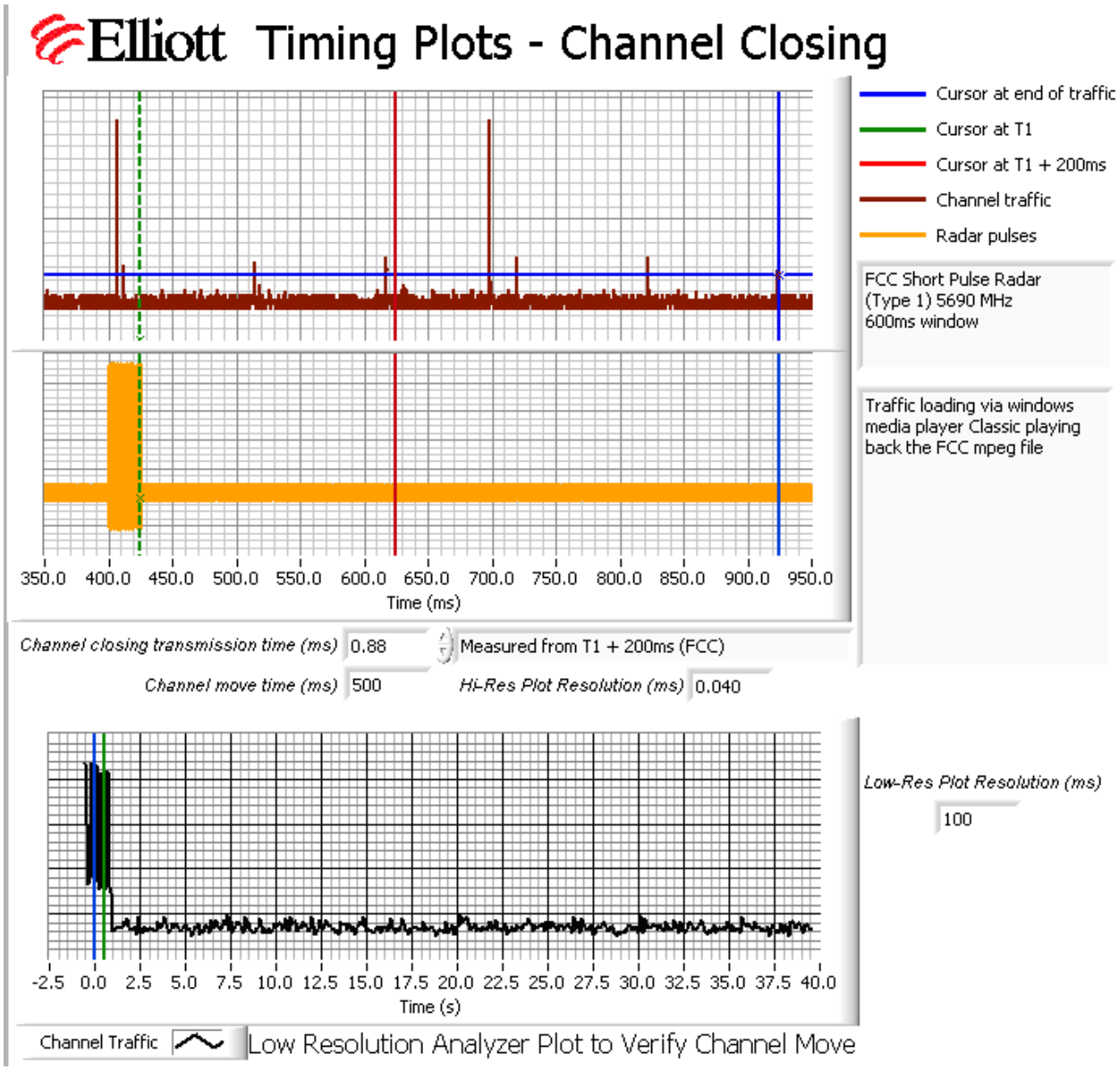

Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar Type 1

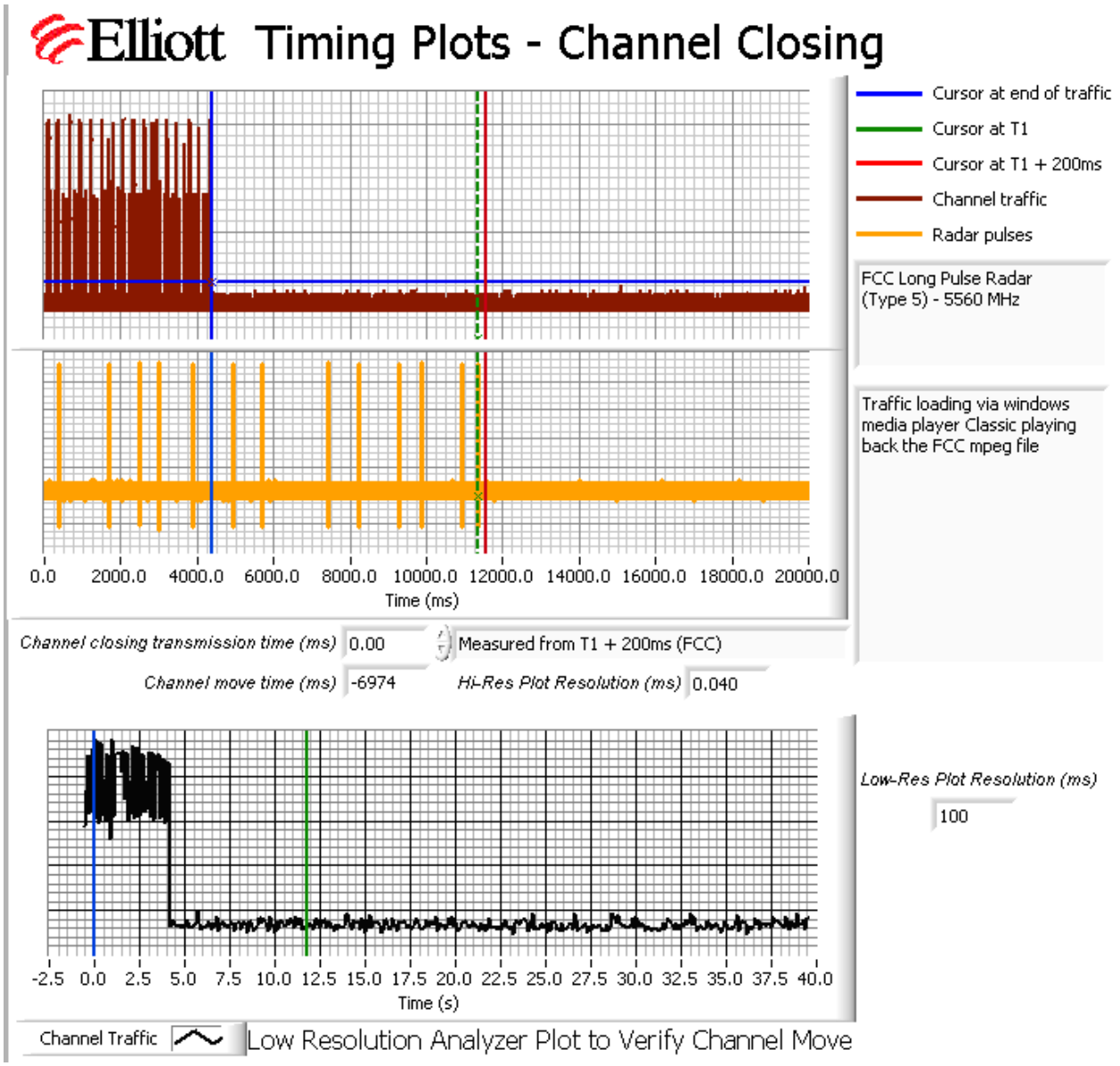

Figure 4 Channel Closing Time and Channel Move Time (Radar Type 5) – 40 second plot

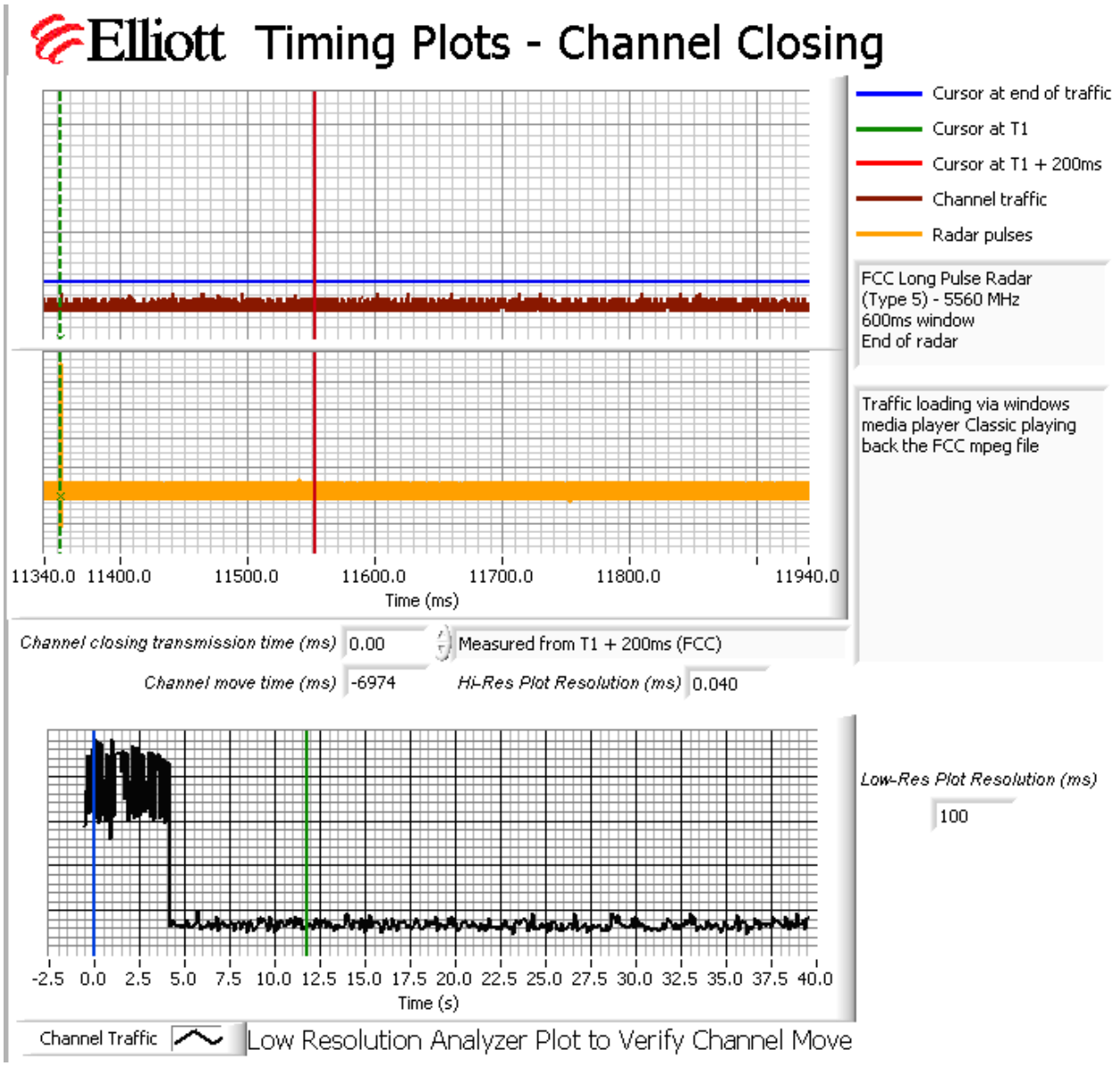

Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar Type 5

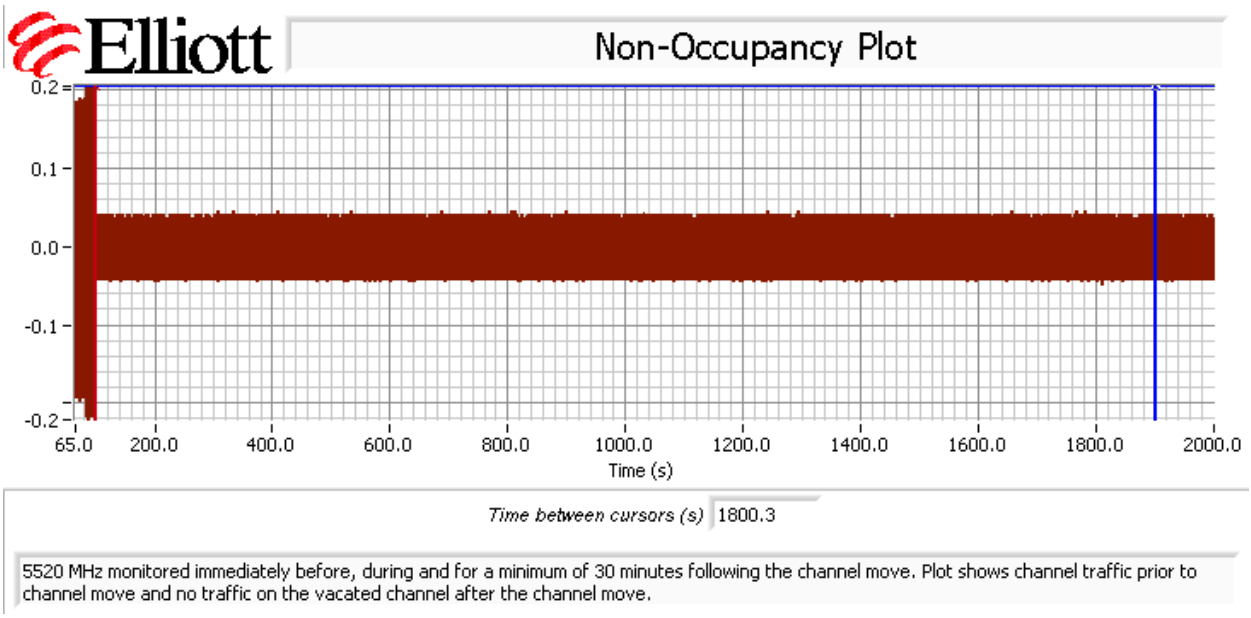

Figure 6 Radar Channel Non-occupancy Plot

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

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.

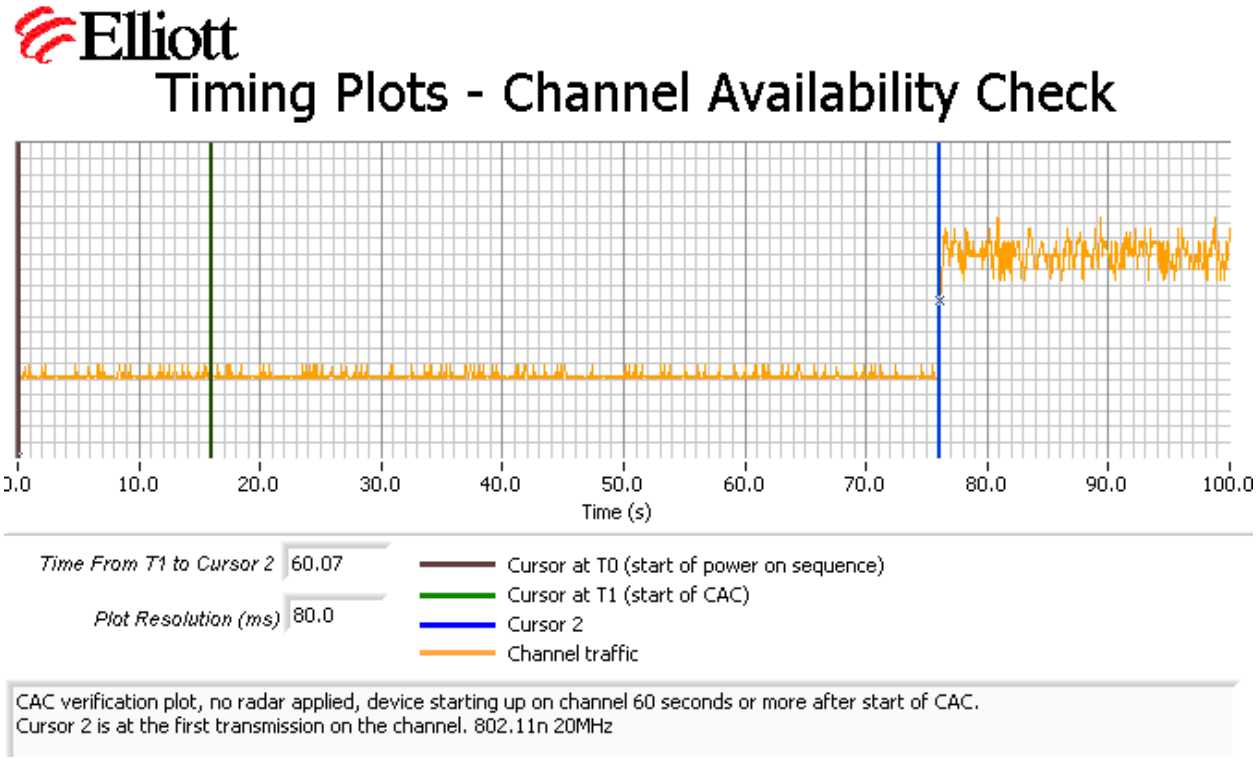

Figure 7 Plot of EUT Start-Up After CAC (802.11n 20MHz)

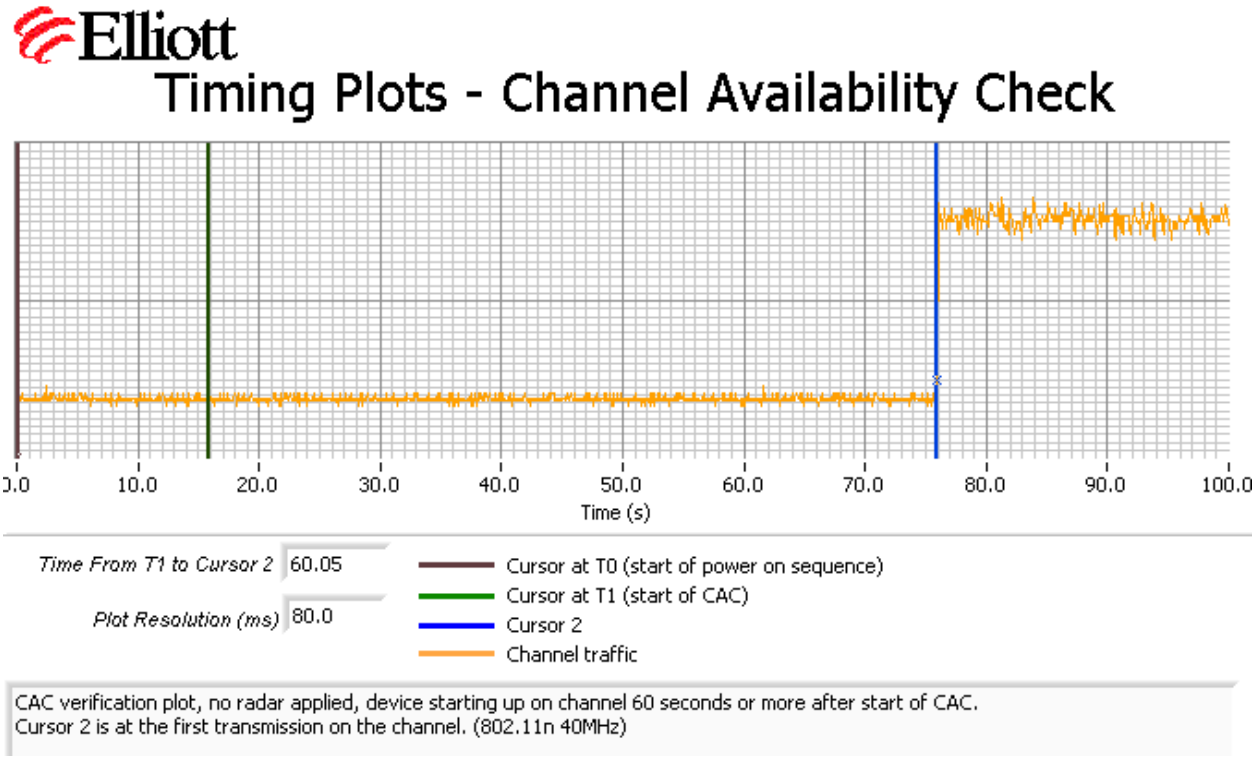

Figure 8 Plot of EUT Start-Up After CAC (802.11n 40MHz)

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 -63dBm. Measurements were made on channels within 5470-5725 MHz band.

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.

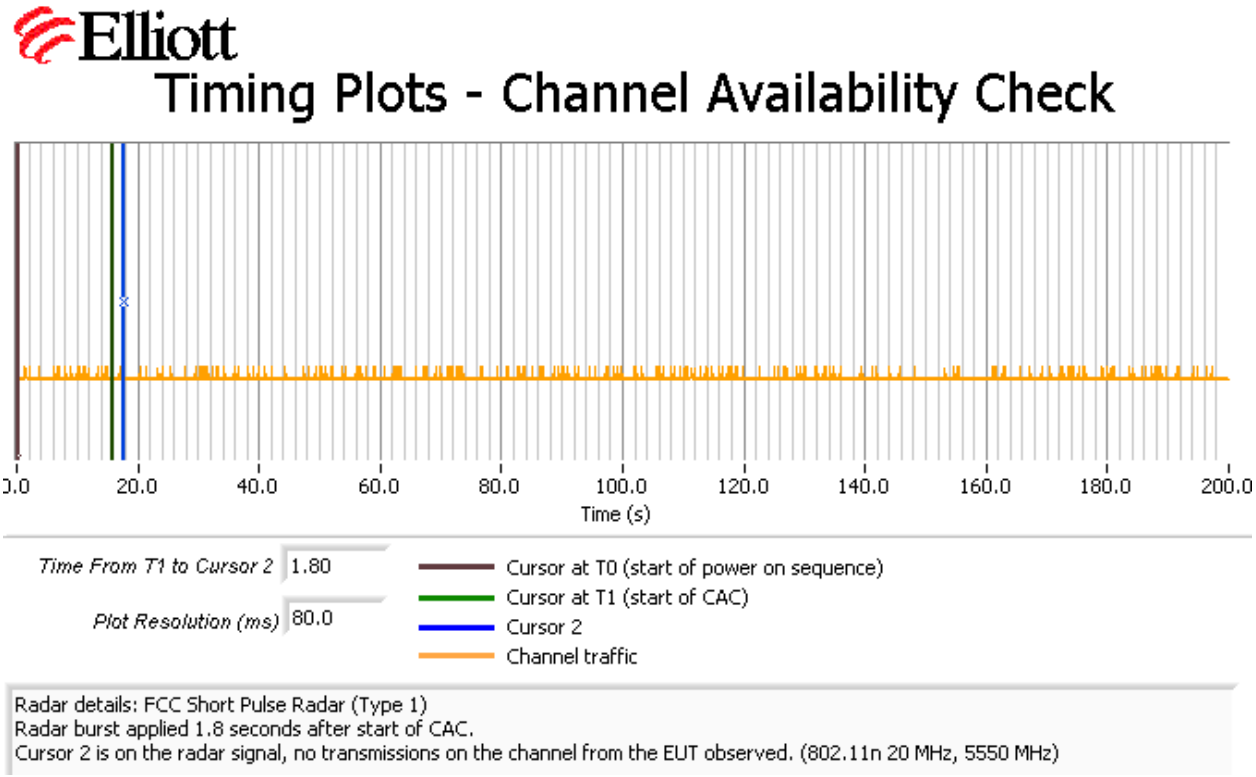

Figure 9 Radar Applied At Start of CAC (802.11n 20MHz)

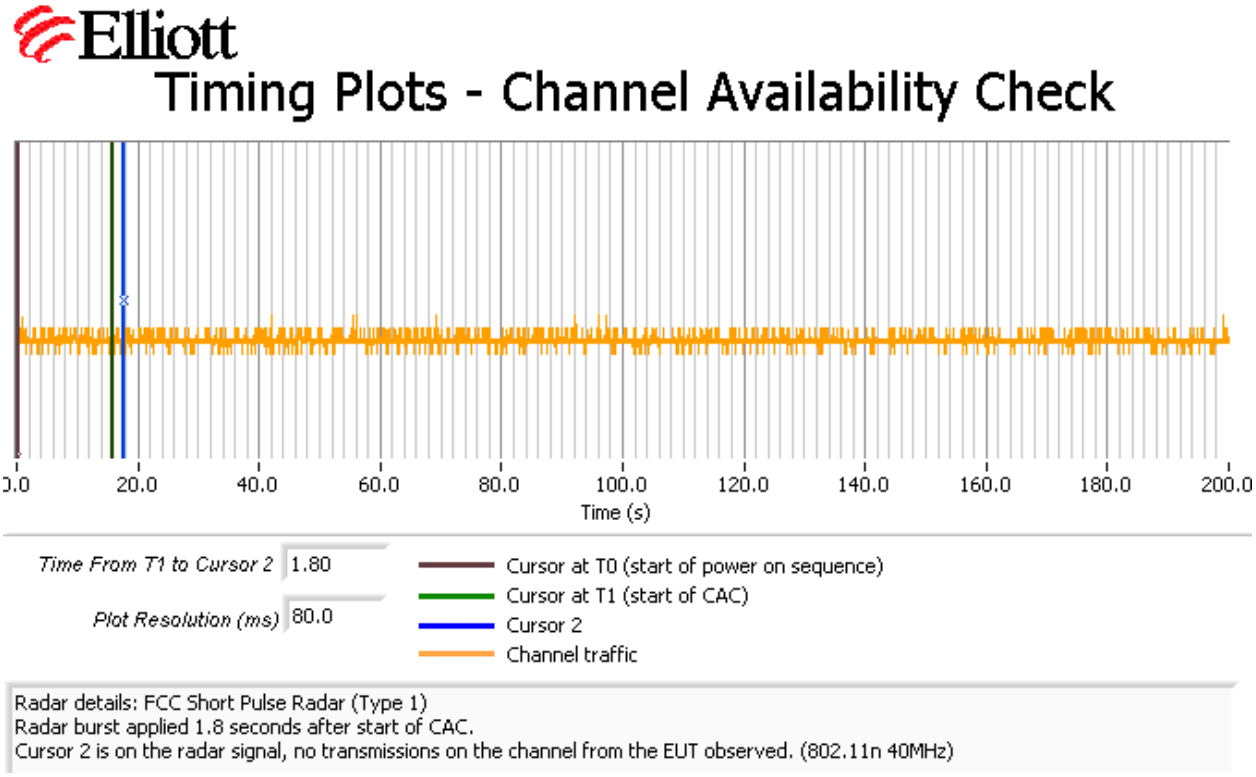

Figure 10 Radar Applied At Start of CAC (802.11n 40MHz)

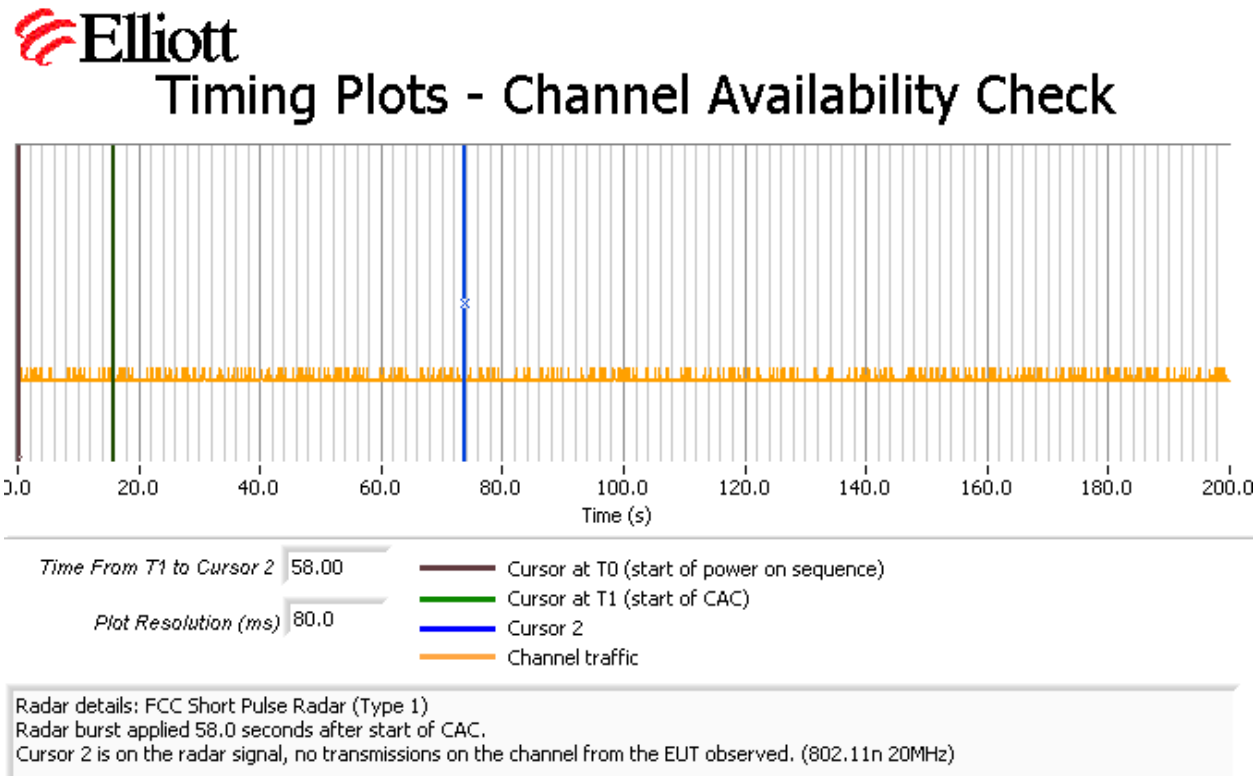

Figure 11 Radar Applied At End of CAC (802.11n 20MHz)

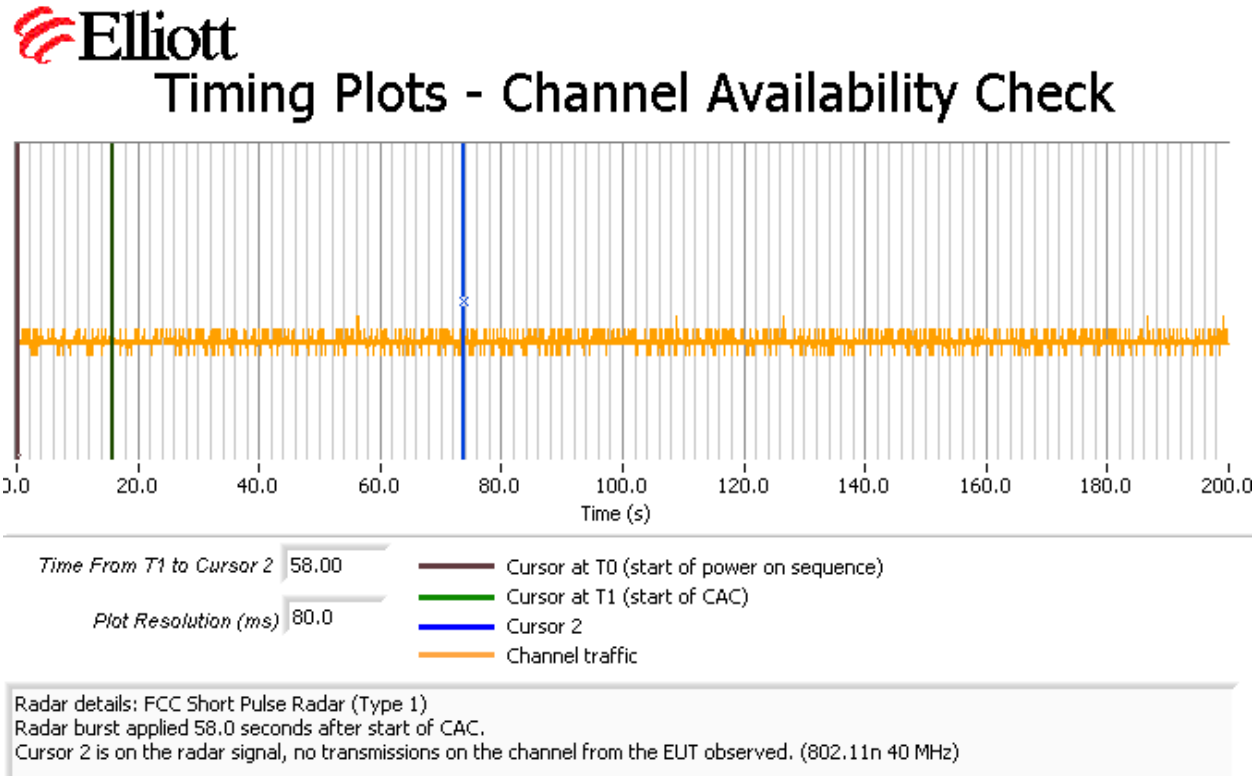

Figure 12 Radar Applied At End of CAC (802.11n 40MHz)

Appendix E Test Data –Antenna Specification

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airMAX Omni

Next-Gen 2x2 Dual Polarity MIMO Omni Antenna

Models: AMO-2G10, AMO-2G13, AMO-5G10, AMO-5G13

Hi-Performance, Long Range

Seamlessly Integrates with Rocket M

360 Degree Coverage

UBIQUITI NETWORKS

Overview

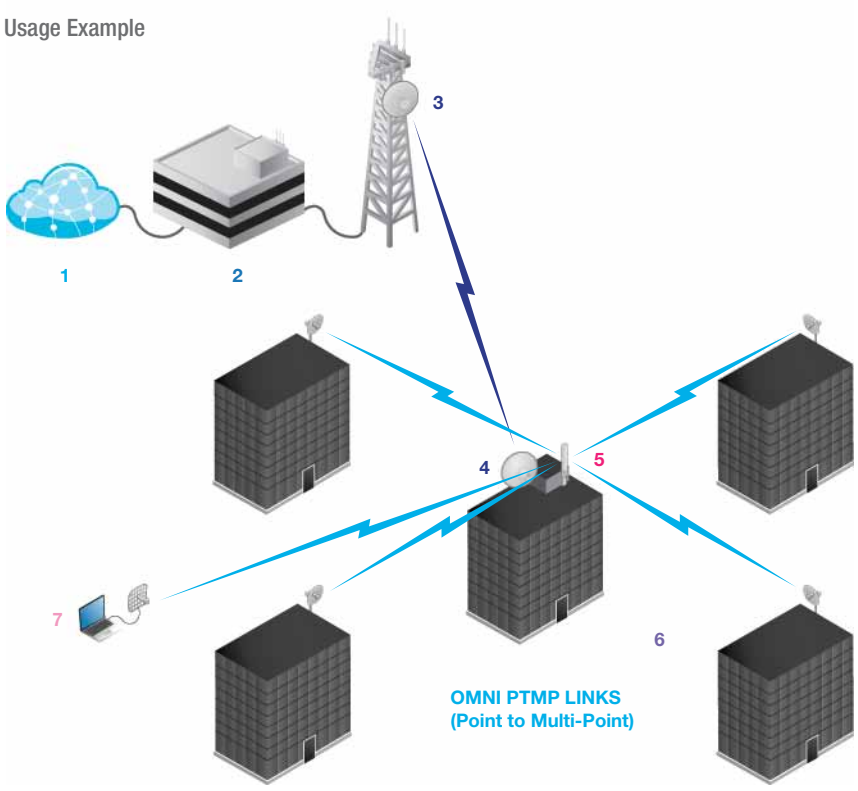
Omnidirectional Coverage

AirMax Omni is a Carrier Class 2x2 Dual Polarity MIMO omnidirectional antenna that was designed to seamlessly integrate with Rocket M radios (Rocket M sold separately).

Rocket M combines the “brains” in one robust unit; just pair Rocket M with AirMax Omni to create powerful 360° omnidirectional basestation. This seamless integration gives network architects unparalleled flexibility and convenience.

On the right is one example of how AirMax Omni can be deployed:

1 Internet Backbone
2 ISP Network
3 RocketDish with Rocket M (PtP backhaul)
4 RocketDish with Rocket M (PtP backhaul)
5 AirMax Omni with Rocket M (PtMP)
6 Corporate campus with NanoBridge M clients
7 Mobile computer with AirGrid M client



AirMax Omni Antennas provide wide 360° coverage and utilize AirMax technlogy to produce Carrier Class performance and power.

Utilize AirMax Technology *

Unlike standard WiFi protocol, Ubiquiti's Time Division Multiple Access (TDMA) AirMax protocol allows each client to send & receive data using pre-designated time slots scheduled by an intelligent AP controller.

This "time slot" method eliminates hidden node collisions & maximizes air time efficiency. It provides many magnitudes of performance improvements in latency, throughput, & scalability compared to all other outdoor systems in its class.

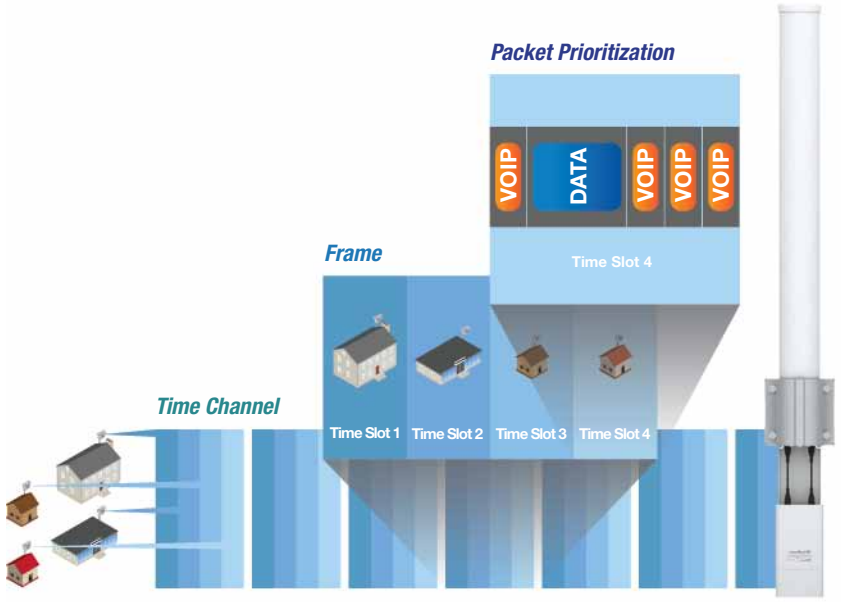
Intelligent QoS Priority is given to voice/video for seamless access.

Scalability High capacity and scalability.

Long Distance Capable of high speed Carrier Class links

Latency Multiple features dramatically reduce noise.

*When Omni is paired with Rocket M



AirMax Clients (up to 100 clients can be connected per AirMax Omni, 4 clients are shown to show general concept)

AirMax Omni

Models

[left to right] **AMO-5G10** (5GHz, 10dBi), **AMO-5G13** (5GHz, 13dBi), **AMO-2G10** (2.4GHz, 10dBi), **AMO-2G13** (2.4GHz, 13dBi)

Software*

airOS

AirOS is an intuitive, versatile, highly developed Ubiquiti firmware technology. It is exceptionally intuitive and was designed to require no training to operate. Behind the user interface is a powerful firmware architecture which enables hi-performance outdoor multipoint networking.

Protocol Support

Ubiquiti Channelization

Spectral Width Adjust

ACK Auto-Timing

AAP Technology

Multi-Language Support

www.ubnt.com/airos

airView

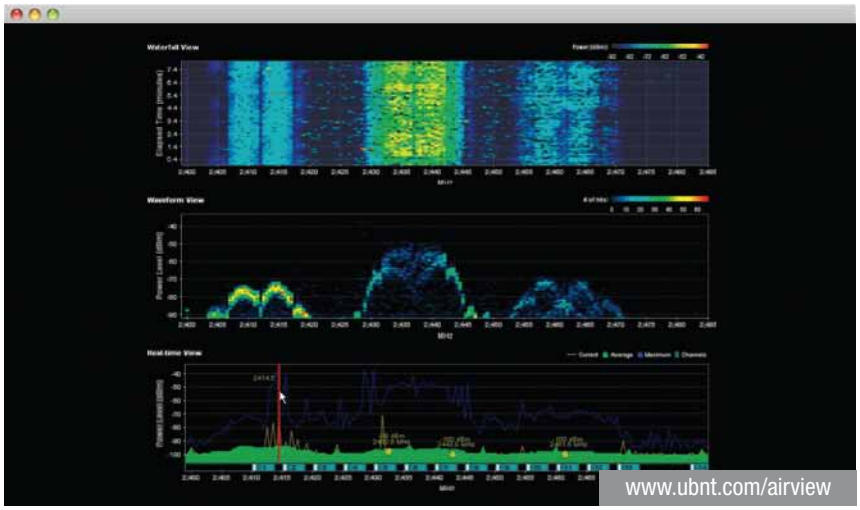
Integrated on all Ubiquiti M products, AirView provides Advanced Spectrum Analyzer Functionality: Waterfall, waveform, and real-time spectral views allow operators to identify noise signatures and plan their networks to minimize noise interference.

Waterfall Aggregate energy over time for each frequency.

Waveform Aggregate energy collected.

Real-time Energy is shown real-time as a function of frequency.

Recording Automize AirView to record and report results.



www.ubnt.com/airview

airControl

AirControl is a powerful and intuitive web based server network management application which allows operators to centrally manage entire networks of Ubiqutii devices.

Network Map

Monitor Device Status

Mass Firmware Upgrade

Web UI Access

Manage Groups of Devices

Task Scheduling

www.ubnt.com/aircontrol

* When AirMax Omni is paired with Rocket M

Specifications

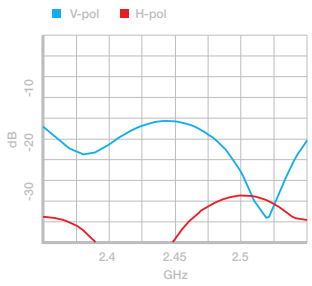
Antenna Characteristics				
	AMO-2G10	AMO-2G13	AMO-5G10	AMO-5G13
Frequency Range	2.35 - 2.55 GHz		5.45 - 5.85 GHz*	
Gain	10 dBi	13 dBi	10 dBi	13 dBi
Elevation Beamwidth	12 deg	7 deg	12 deg	7 deg
Max VSWR	1.7:1		1.6:1	1.5:1
Downtilt	4 deg	2 deg	4 deg	2 deg
Dimensions** (l x w x h)	217 x 123 x 1011 mm	217 x 123 x 1386 mm	158 x 98 x 579 mm	158 x 98 x 834 mm
Weight**	2.1 kg	2.4 kg	0.68 kg	0.82 kg
Wind Survivability	125 mph	100 mph	125 mph	
Wind Loading	28 lb @ 100 mph	38 lb @ 100 mph	8 lb @ 100 mph	10 lb @ 100 mph
Polarization	Dual Linear			
Cross-pol Isolation	25 dB min			
ETSI Specification	EN 302 326 DN2			
Mounting	Universal pole mount, Rocket M bracket, and weatherproof RF jumpers included			

* Only 5745 - 5825 MHz is supported in the USA
** Dimensions and weight include pole mount; do not include Rocket M (Rocket M sold separately)

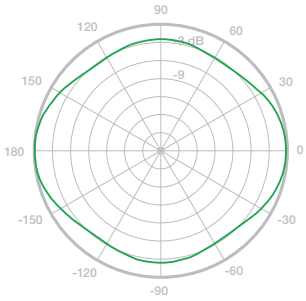
Specifications (cont.)

AMO-2G10 - Antenna Information

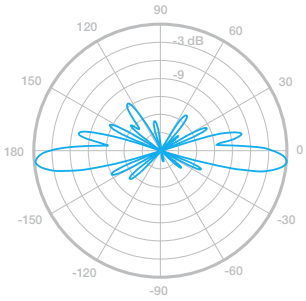
Return Loss



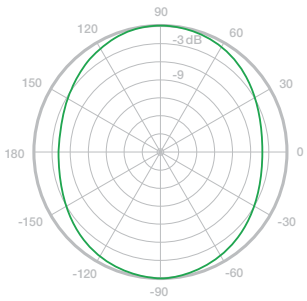
Vertical Azimuth



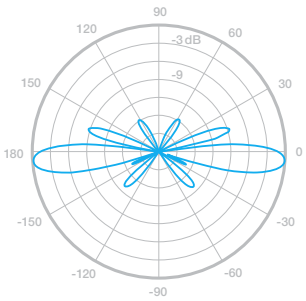
Vertical Elevation



Horizontal Azimuth

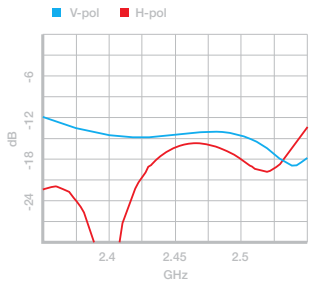


Horizontal Elevation

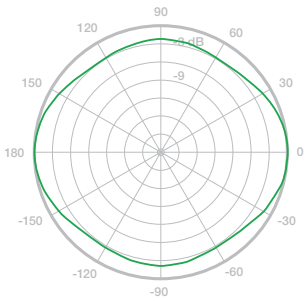


AMO-2G13 - Antenna Information

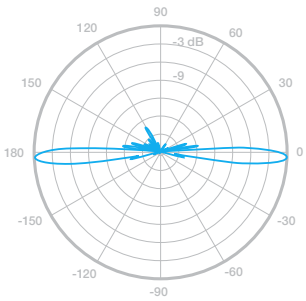
Return Loss



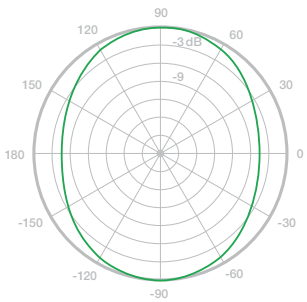
Vertical Azimuth



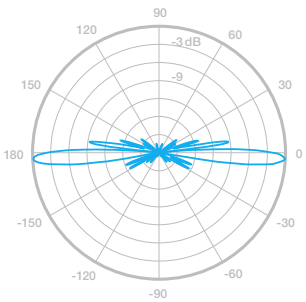
Vertical Elevation



Horizontal Azimuth



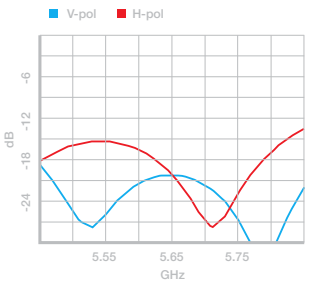
Horizontal Elevation



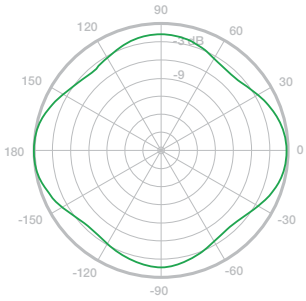
Specifications (cont.)

AMO-5G10 - Antenna Information

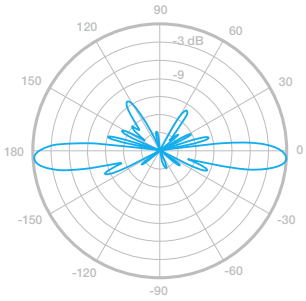
Return Loss



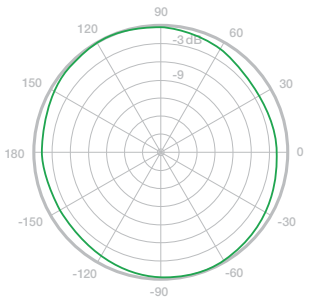
Vertical Azimuth



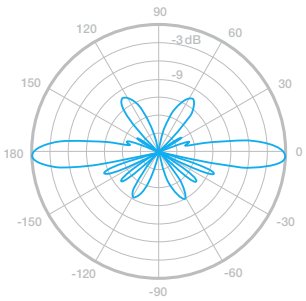
Vertical Elevation



Horizontal Azimuth

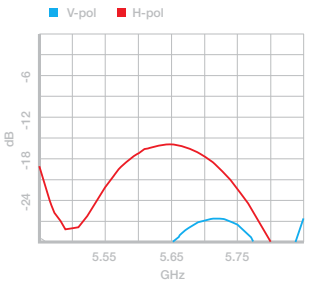


Horizontal Elevation

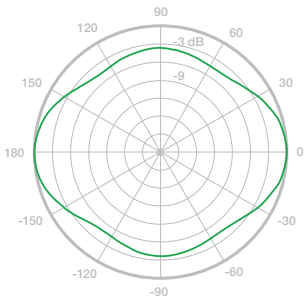


AMO-5G13 - Antenna Information

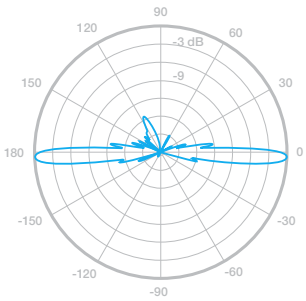
Return Loss



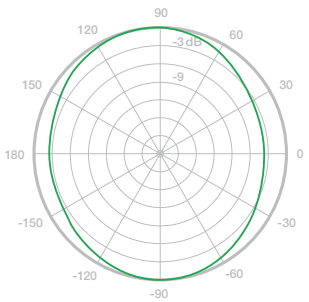
Vertical Azimuth



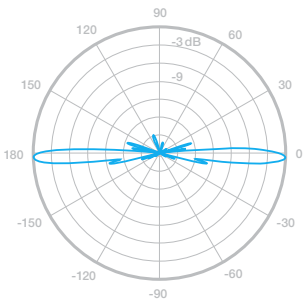
Vertical Elevation



Horizontal Azimuth



Horizontal Elevation



Misc

TOUGHCable

OUTDOOR CARRIER CLASS SHIELDED

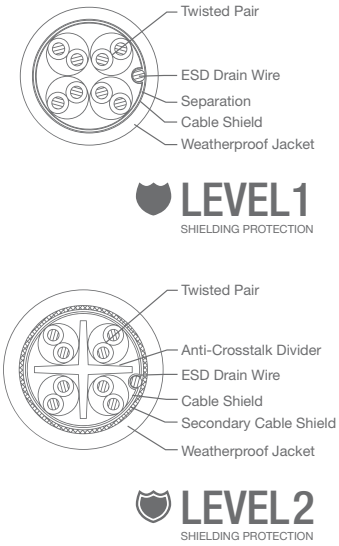
Protect your networks from the most brutal environments with Ubiquiti's industrial-grade shielded ethernet cable, TOUGHCable.

Increase Performance Dramatically improve your ethernet link states, speeds, and overall performance with Ubiquiti TOUGHCables.

Extreme Weatherproof TOUGHCables have been built to perform even in the harshest weather and environments.

Eliminate ESD Attacks Protect your networks from devastating ESD Attacks, TOUGHCables eliminate ESD attacks and ethernet hardware damage.

Extended Cable Support TOUGHCables have been developed to have increased power handling performance for extended cable run lengths.



Bulletproof your networks

TOUGHCable is currently available in two versions: Level 1 Shielding Protection and Level 2 Shielding Protection.

Level 1 is a Category 5e (100Mbps Ethernet Support) Outdoor Carrier Class Shielded Cable.

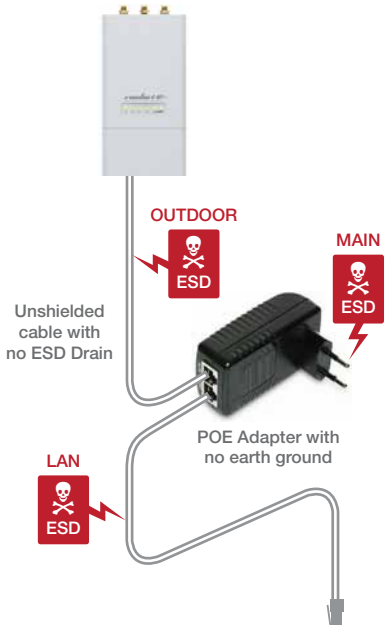
Level 2 is a Category 6 (1Gbps Ethernet Support) Outdoor Carrier Class Shielded Cable that is also capable of providing enhanced Category 5e performance.

Additional Information:

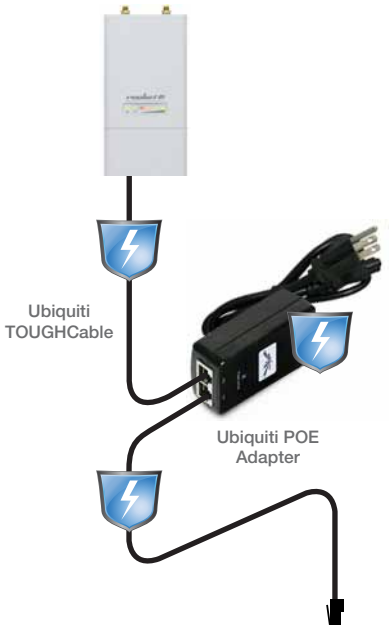
- 24 AWG copper conductor pairs
- ESD Drain Wire: 26 AWG integrated ESD Drain wire to prevent ESD attacks & damage.
- PVC outdoor rated jacket
- 0.35um foil shield
- Multi-Layered Shielding
- 1000ft (304.8m) length

Learn more:
www.ubnt.com/toughcable

ESD Attacks are overwhelmingly the leading cause for device failures. The diagram below illustrates the areas vulnerable to ESD Attacks in a defenseless network.



By using a grounded Ubiquiti POE adapter (included) along with Ubiquiti TOUGHCable (sold separately), you can effectively eliminate ESD Attacks.



UBIQUITI NETWORKS

TERMS OF USE: The Ubiquiti radio device must be professionally installed. Shielded ethernet cable and earth grounding must be used as conditions of product warranty. It is the installers responsibility to follow local country regulations including operation within legal frequency channels, output power, and Dynamic Frequency Selection (DFS) requirements.

For further information, please visit www.ubnt.com.

All specifications in this document are subject to change without notice.

Appendix F Test Configuration Photograph(s)

Provided as a separate file for FCC application upload