

TEST REPORT

*Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF*

FCC Part 15 Subpart E (UNII)

*Aerohive Networks
Model(s): Wistron DNMA-92 in the Aerohive AP120*

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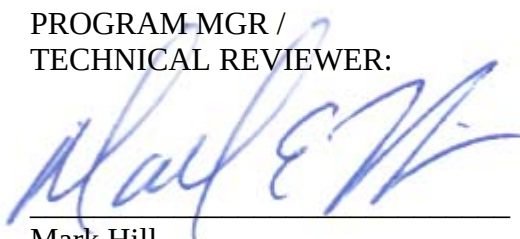
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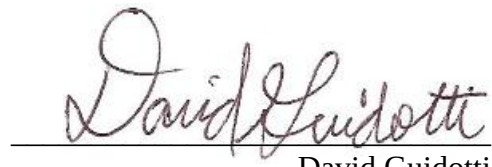
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REVISION HISTORY

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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 Aerohive Networks model AP120 and therefore apply only to the tested sample. The sample was selected and prepared by Serdar Ergene of Aerohive Networks.

The Wistron NeWeb Corporation model DNMA-92 (FCC ID: NKR-DNMA-92) is used in the Aerohive Networks model AP120. The Wistron approval is for a DFS client device. When installed in the Aerohive AP120, the system operates as a DFS master device.

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 Aerohive Networks model AP120 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 Aerohive Networks model DNMA-92 in AP120 is an 2x2 802.11abgn access point. It uses the Wistron (FCC ID: NKR-DNMA-92) radio module.

The sample was received on August 15, 2011 and tested on August 26 and September 6, 2011. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Aerohive	AP120	2x2 Access Point	12011030400008
Aerohive	AP120	2x2 Access Point	12010081100633 (sample used for CAC testing)

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 (excluding 5600-5650 MHz)

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	2.8 dBi	3.9 dBi
Highest Antenna Gain (dBi)	5.95	5.95
EIRP Output Power (dBm)	>200mW	>200mW

Channel Protocol

- ☒ IP Based

ENCLOSURE

The EUT's outer plastic enclosure measures approximately 17.5 by 16.5 by 5 centimeters.

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	Inspiron 8600	Laptop computer (host for client)	JMB3551	N/A
<i>Linksys</i>	<i>WPC600N</i>	<i>802.11abgn PCI card</i>	<i>MNV008101077</i>	<i>Q87-WPC600NV11</i>
PhiHong	POE20U-560(G)	1 Port POE Injector	N/A	N/A
Dell	Latitude D630	Laptop Computer	4N29JD1	N/A

The italicized device was the client device.

EUT INTERFACE PORTS

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

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
POE	POE Injector	CAT5	Unshielded	10m
Debug Serial (under cover)	Remote Laptop	Twisted Pair	Unshielded	10m

EUT OPERATION

The EUT was operating with the following software: HiveOS 3.5r4. There are no controls available to the user/operator that can override the DFS functionality of the device.

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 11 seconds 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 Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5500 MHz	60	$\geq 60s$	Appendix D	Pass
CAC Detection Threshold	Type 1	5500 MHz	-64 dBm	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	n20: 5300 MHz n40: 5510 MHz	-63 dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	n20: 5300 MHz n40: 5510 MHz	n20: 17 MHz n40: 36 MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5500 MHz	Type 1: 2ms Type 5: 0ms	$\leq 260ms$	Appendix C	Pass
Channel move time	Type 1 Type 5	5500 MHz	Type 1: 0.63s Type 5: 0s	$\leq 10s$	Appendix C	Pass
Non-occupancy period	-	5300 MHz	>30 minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 2.8 dBi. 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.

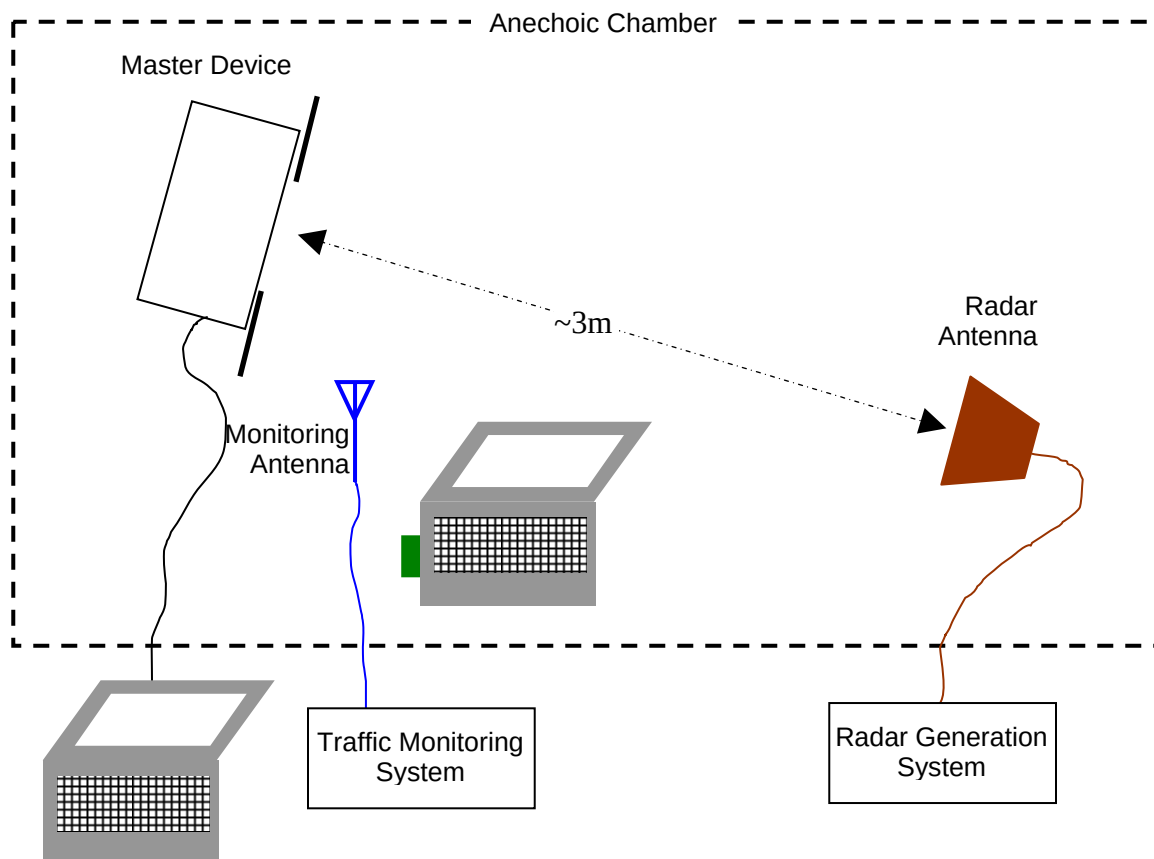


Figure 1 Test Configuration for radiated Measurement Method

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 unmodulated and modulated (FM Chirp) pulses. Where there are multiple values for a specific radar parameter then the software selects a value at random and, for FCC tests, the software verifies that the resulting waveform is truly unique.

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

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

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

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

CHANNEL MONITORING SYSTEM

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

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

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

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

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

DFS MEASUREMENT METHODS

DFS RADAR DETECTION BANDWIDTH

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

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

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

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

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

DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

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

DFS CHANNEL AVAILABILITY CHECK TIME

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

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

UNIFORM LOADING

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

TRANSMIT POWER CONTROL (TPC)

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

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

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

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

THRESHOLD LEVEL

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

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

Appendix A Test Equipment Calibration Data

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

Appendix B Test Data Tables for Radar Detection Probability

The plot below shows the channel loading during testing as evaluated over a 1 second period. The traffic was generated by streaming the FCC movie file.

Table 5 - 802.11n 20 MHz Detection Bandwidth Measurements (Bandwidth: +9MHz /-8MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5291.00 MHz	3	3	50
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5292.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5293.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5294.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5295.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5296.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5297.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5298.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5299.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5300.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5301.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5302.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5303.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5304.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5305.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5306.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5307.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5308.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5309.00 MHz	10	0	100
5300.00 MHz	FCC Short Pulse Radar (Type 1)	5310.00 MHz	1	3	25

Table 6 - 802.11n 40MHz Detection Bandwidth Measurements (Bandwidth: +18MHz /-18MHz)

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	5	3	62
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5522.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5523.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5524.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5526.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5527.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5528.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5529.00 MHz	5	3	62

Table 7 - Summary of All Results - 802.11n 20MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	73.3 %	60.0 %	30	PASSED
Aggregate of above results	85.9 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	97.2 %	70.0 %	36	PASSED
Long Sequence	83.3 %	80.0 %	30	PASSED

Table 8 - Summary of All Results - 802.11n 40MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	80.0 %	60.0 %	30	PASSED
Aggregate of above results	91.7 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	39	PASSED
Long Sequence	86.7 %	80.0 %	30	PASSED

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	5300.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	No	5305.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	No	5300.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	No	5305.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5300.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5305.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5300.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5305.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5300.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5305.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	No	5300.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5305.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5300.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5305.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5300.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5305.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5300.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5305.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5300.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5295.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5305.0MHz, -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	27	5.0	225.0	Yes	5300.0MHz, -63.0dBm	Single burst
2	24	3.6	152.0	Yes	5295.0MHz, -63.0dBm	Single burst
3	24	2.2	150.0	Yes	5305.0MHz, -63.0dBm	Single burst
4	26	1.8	228.0	Yes	5300.0MHz, -63.0dBm	Single burst
5	27	1.5	156.0	Yes	5295.0MHz, -63.0dBm	Single burst
6	24	3.2	177.0	Yes	5305.0MHz, -63.0dBm	Single burst
7	26	2.6	209.0	Yes	5300.0MHz, -63.0dBm	Single burst
8	25	4.6	163.0	Yes	5295.0MHz, -63.0dBm	Single burst
9	25	4.8	230.0	Yes	5305.0MHz, -63.0dBm	Single burst
10	27	1.0	222.0	Yes	5300.0MHz, -63.0dBm	Single burst
11	24	2.9	157.0	No	5295.0MHz, -63.0dBm	Single burst
12	23	1.8	216.0	Yes	5305.0MHz, -63.0dBm	Single burst
13	25	1.9	218.0	No	5300.0MHz, -63.0dBm	Single burst
14	24	3.4	213.0	Yes	5295.0MHz, -63.0dBm	Single burst
15	28	1.1	208.0	Yes	5305.0MHz, -63.0dBm	Single burst
16	28	4.4	218.0	Yes	5300.0MHz, -63.0dBm	Single burst
17	26	1.0	225.0	Yes	5295.0MHz, -63.0dBm	Single burst
18	26	1.2	171.0	Yes	5305.0MHz, -63.0dBm	Single burst
19	27	1.3	181.0	Yes	5300.0MHz, -63.0dBm	Single burst
20	25	3.1	159.0	Yes	5295.0MHz, -63.0dBm	Single burst
21	25	3.0	161.0	Yes	5305.0MHz, -63.0dBm	Single burst
22	26	2.8	210.0	Yes	5300.0MHz, -63.0dBm	Single burst
23	23	3.7	206.0	Yes	5295.0MHz, -63.0dBm	Single burst
24	28	2.5	151.0	Yes	5305.0MHz, -63.0dBm	Single burst
25	23	4.2	154.0	Yes	5300.0MHz, -63.0dBm	Single burst
26	26	2.8	186.0	No	5295.0MHz, -63.0dBm	Single burst
27	24	2.4	179.0	Yes	5305.0MHz, -63.0dBm	Single burst
28	29	3.4	225.0	Yes	5300.0MHz, -63.0dBm	Single burst
29	24	3.4	151.0	Yes	5295.0MHz, -63.0dBm	Single burst
30	24	3.9	152.0	No	5305.0MHz, -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	17	7.5	208.0	Yes	5300.0MHz, -63.0dBm	Single burst
2	17	6.4	369.0	Yes	5295.0MHz, -63.0dBm	Single burst
3	18	7.3	488.0	Yes	5305.0MHz, -63.0dBm	Single burst
4	16	9.2	386.0	Yes	5300.0MHz, -63.0dBm	Single burst
5	17	7.9	378.0	Yes	5295.0MHz, -63.0dBm	Single burst
6	16	9.2	478.0	Yes	5305.0MHz, -63.0dBm	Single burst
7	17	8.8	368.0	No	5300.0MHz, -63.0dBm	Single burst
8	16	6.9	273.0	Yes	5295.0MHz, -63.0dBm	Single burst
9	18	7.3	472.0	Yes	5305.0MHz, -63.0dBm	Single burst
10	17	6.0	371.0	Yes	5300.0MHz, -63.0dBm	Single burst
11	17	7.0	367.0	Yes	5295.0MHz, -63.0dBm	Single burst
12	18	8.8	252.0	Yes	5305.0MHz, -63.0dBm	Single burst
13	17	8.2	282.0	Yes	5300.0MHz, -63.0dBm	Single burst
14	16	9.3	436.0	Yes	5295.0MHz, -63.0dBm	Single burst
15	18	9.8	290.0	Yes	5305.0MHz, -63.0dBm	Single burst
16	18	7.4	256.0	Yes	5300.0MHz, -63.0dBm	Single burst
17	17	6.9	490.0	Yes	5295.0MHz, -63.0dBm	Single burst
18	17	7.6	435.0	Yes	5305.0MHz, -63.0dBm	Single burst
19	18	9.8	490.0	Yes	5300.0MHz, -63.0dBm	Single burst
20	17	6.4	460.0	Yes	5295.0MHz, -63.0dBm	Single burst
21	16	8.2	445.0	Yes	5305.0MHz, -63.0dBm	Single burst
22	17	9.4	452.0	Yes	5300.0MHz, -63.0dBm	Single burst
23	17	6.3	299.0	Yes	5295.0MHz, -63.0dBm	Single burst
24	18	7.9	368.0	Yes	5305.0MHz, -63.0dBm	Single burst
25	16	8.5	239.0	Yes	5300.0MHz, -63.0dBm	Single burst
26	18	7.4	376.0	Yes	5295.0MHz, -63.0dBm	Single burst
27	17	7.6	299.0	Yes	5305.0MHz, -63.0dBm	Single burst
28	17	6.9	336.0	Yes	5300.0MHz, -63.0dBm	Single burst
29	16	8.9	211.0	Yes	5295.0MHz, -63.0dBm	Single burst
30	16	6.9	386.0	Yes	5305.0MHz, -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	14	14.1	412.0	Yes	5300.0MHz, -63.0dBm	Single burst
2	15	19.4	408.0	No	5295.0MHz, -63.0dBm	Single burst
3	16	19.7	260.0	Yes	5305.0MHz, -63.0dBm	Single burst
4	15	11.9	344.0	Yes	5300.0MHz, -63.0dBm	Single burst
5	12	11.7	270.0	Yes	5295.0MHz, -63.0dBm	Single burst
6	16	11.2	470.0	Yes	5305.0MHz, -63.0dBm	Single burst
7	13	19.3	327.0	No	5300.0MHz, -63.0dBm	Single burst
8	15	19.9	248.0	No	5295.0MHz, -63.0dBm	Single burst
9	12	12.4	448.0	Yes	5305.0MHz, -63.0dBm	Single burst
10	15	19.1	457.0	No	5300.0MHz, -63.0dBm	Single burst
11	13	19.2	307.0	Yes	5295.0MHz, -63.0dBm	Single burst
12	15	16.3	356.0	Yes	5305.0MHz, -63.0dBm	Single burst
13	13	12.3	209.0	Yes	5300.0MHz, -63.0dBm	Single burst
14	15	18.4	435.0	No	5295.0MHz, -63.0dBm	Single burst
15	14	14.4	271.0	Yes	5305.0MHz, -63.0dBm	Single burst
16	16	12.0	250.0	Yes	5300.0MHz, -63.0dBm	Single burst
17	13	16.2	398.0	Yes	5295.0MHz, -63.0dBm	Single burst
18	14	11.5	228.0	Yes	5305.0MHz, -63.0dBm	Single burst
19	15	17.1	397.0	Yes	5300.0MHz, -63.0dBm	Single burst
20	14	18.0	476.0	No	5295.0MHz, -63.0dBm	Single burst
21	14	16.5	377.0	Yes	5305.0MHz, -63.0dBm	Single burst
22	15	12.7	496.0	Yes	5300.0MHz, -63.0dBm	Single burst
23	15	17.4	259.0	Yes	5295.0MHz, -63.0dBm	Single burst
24	13	15.5	416.0	Yes	5305.0MHz, -63.0dBm	Single burst
25	13	14.4	228.0	Yes	5300.0MHz, -63.0dBm	Single burst
26	16	11.5	295.0	Yes	5295.0MHz, -63.0dBm	Single burst
27	13	19.0	282.0	No	5305.0MHz, -63.0dBm	Single burst
28	15	17.9	325.0	Yes	5300.0MHz, -63.0dBm	Single burst
29	15	18.8	286.0	Yes	5295.0MHz, -63.0dBm	Single burst
30	15	19.4	203.0	No	5305.0MHz, -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	5300.0MHz, -63.0dBm	Hop sequence: 5511, 5460, 5689, 5601, 5702, 5568, 5666, 5496, 5558, 5333, 5348, 5585, 5675, 5574, 5526, 5436, 5331, 5457, 5423, 5621, 5366, 5620, 5645, 5521, 5554, 5300, 5431, 5492, 5321, 5609, 5518, 5298, 5668, 5679, 5569, 5336, 5265, 5478, 5391, 5384, 5319, 5421, 5465, 5251, 5573, 5500, 5320, 5484, 5296, 5444, 5356, 5477, 5580, 5401, 5602, 5442, 5451, 5561, 5354, 5530, 5349, 5510, 5466, 5498, 5408, 5316, 5400, 5347, 5279, 5453, 5285, 5262, 5370, 5596, 5650, 5393, 5627, 5674, 5373, 5540, 5528, 5294, 5494, 5538, 5361, 5483, 5312, 5615, 5302, 5557, 5280, 5721, 5405, 5445, 5559, 5504, 5682, 5622, 5286, 5419 (4 hits) (09/06/2011 02:05:31 PM)
2	9	1.0	333.0	Yes	5301.0MHz, -63.0dBm	Hop sequence: 5328, 5537, 5282, 5319, 5570, 5587, 5609, 5547, 5499, 5415, 5556, 5530, 5358, 5474, 5493, 5714, 5671, 5593, 5722, 5451, 5720, 5683, 5668, 5670, 5363, 5448, 5647, 5691, 5640, 5419, 5608, 5520, 5605, 5582, 5256, 5350, 5301, 5325, 5285, 5674, 5595, 5615, 5367, 5253, 5290, 5486, 5517, 5659, 5715, 5639, 5302, 5522, 5283, 5678, 5388, 5262, 5254, 5311, 5496, 5322, 5611, 5635, 5384, 5396, 5418, 5293, 5532, 5548, 5506, 5287, 5705, 5533, 5398, 5336, 5619, 5502, 5407, 5345, 5487, 5362, 5528, 5421, 5335, 5656, 5405, 5263, 5600, 5462, 5616, 5546, 5563, 5452, 5501, 5529, 5629, 5642, 5427, 5660, 5601, 5612 (3 hits) (09/06/2011 02:06:38 PM)
3	9	1.0	333.0	Yes	5302.0MHz, -63.0dBm	Hop sequence: 5548, 5678, 5360, 5346, 5440, 5720, 5494, 5481, 5286, 5525, 5397, 5662, 5288, 5422, 5302, 5261, 5514, 5353, 5410, 5447, 5535, 5508, 5338, 5446, 5670, 5258, 5310, 5451, 5668, 5321, 5460, 5255, 5561, 5581, 5377, 5325, 5275, 5570, 5695, 5693, 5445, 5295, 5365, 5324, 5266, 5636, 5411, 5296,

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
						5259, 5534, 5348, 5469, 5343, 5450, 5262, 5274, 5453, 5610, 5639, 5412, 5523, 5613, 5437, 5263, 5620, 5341, 5651, 5292, 5459, 5352, 5694, 5648, 5501, 5704, 5489, 5540, 5654, 5455, 5690, 5283, 5394, 5252, 5635, 5530, 5524, 5466, 5416, 5515, 5601, 5537, 5712, 5250, 5614, 5318, 5565, 5702, 5714, 5723, 5719, 5550 (4 hits) (09/06/2011 02:08:17 PM)
4	9	1.0	333.0	Yes	5303.0MHz, -63.0dBm	Hop sequence: 5670, 5518, 5304, 5301, 5339, 5606, 5650, 5407, 5332, 5597, 5397, 5350, 5674, 5569, 5425, 5505, 5421, 5558, 5271, 5655, 5371, 5564, 5715, 5710, 5693, 5372, 5640, 5320, 5416, 5502, 5573, 5410, 5477, 5678, 5284, 5317, 5474, 5264, 5642, 5409, 5277, 5594, 5700, 5571, 5438, 5253, 5495, 5694, 5707, 5664, 5521, 5345, 5337, 5532, 5485, 5574, 5354, 5286, 5355, 5280, 5308, 5365, 5481, 5646, 5452, 5437, 5418, 5476, 5530, 5489, 5262, 5500, 5296, 5718, 5444, 5645, 5427, 5443, 5370, 5399, 5274, 5542, 5596, 5713, 5632, 5466, 5658, 5617, 5506, 5366, 5673, 5327, 5283, 5331, 5266, 5691, 5414, 5490, 5726, 5278 (4 hits) (09/06/2011 02:09:11 PM)
5	9	1.0	333.0	Yes	5304.0MHz, -63.0dBm	Hop sequence: 5578, 5557, 5553, 5513, 5256, 5630, 5721, 5517, 5723, 5301, 5459, 5631, 5624, 5328, 5707, 5454, 5250, 5357, 5658, 5353, 5651, 5616, 5324, 5588, 5317, 5605, 5283, 5264, 5347, 5455, 5427, 5567, 5716, 5289, 5286, 5329, 5601, 5368, 5325, 5275, 5332, 5516, 5348, 5492, 5547, 5354, 5385, 5647, 5693, 5252, 5441, 5351, 5481, 5457, 5522, 5387, 5270, 5483, 5626, 5406, 5363, 5409, 5569, 5269, 5485, 5551, 5393, 5339, 5395, 5358, 5298, 5572, 5510, 5666, 5376, 5574, 5628, 5614, 5300, 5642, 5319, 5639, 5709, 5369, 5599, 5650, 5295, 5540, 5297, 5638, 5417, 5520, 5345, 5652, 5365, 5637, 5290, 5683, 5539, 5491 (5 hits) (09/06/2011

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
						02:21:33 PM)
6	9	1.0	333.0	Yes	5305.0MHz, -63.0dBm	Hop sequence: 5622, 5635, 5325, 5700, 5539, 5336, 5261, 5598, 5377, 5660, 5543, 5375, 5687, 5346, 5371, 5529, 5400, 5525, 5600, 5478, 5619, 5520, 5684, 5703, 5570, 5608, 5554, 5535, 5379, 5526, 5498, 5538, 5675, 5310, 5456, 5309, 5708, 5258, 5422, 5694, 5670, 5282, 5514, 5588, 5671, 5550, 5270, 5380, 5376, 5373, 5614, 5508, 5323, 5615, 5705, 5443, 5720, 5360, 5521, 5303, 5556, 5576, 5685, 5674, 5334, 5723, 5725, 5593, 5433, 5624, 5658, 5649, 5534, 5662, 5462, 5713, 5440, 5717, 5555, 5637, 5704, 5544, 5603, 5368, 5505, 5682, 5659, 5354, 5594, 5362, 5356, 5278, 5398, 5607, 5366, 5711, 5665, 5473, 5269, 5324 (2 hits) (09/06/2011 02:22:06 PM)
7	9	1.0	333.0	No	5306.0MHz, -63.0dBm	Hop sequence: 5538, 5268, 5315, 5588, 5623, 5529, 5366, 5360, 5616, 5382, 5622, 5496, 5321, 5627, 5547, 5607, 5460, 5654, 5342, 5415, 5614, 5486, 5601, 5433, 5541, 5603, 5624, 5707, 5536, 5712, 5351, 5510, 5505, 5352, 5443, 5283, 5441, 5680, 5653, 5471, 5499, 5585, 5713, 5401, 5678, 5569, 5448, 5554, 5631, 5489, 5663, 5262, 5559, 5565, 5590, 5506, 5517, 5519, 5526, 5552, 5612, 5390, 5567, 5602, 5679, 5606, 5589, 5563, 5594, 5596, 5604, 5605, 5456, 5393, 5518, 5615, 5298, 5336, 5652, 5600, 5524, 5379, 5445, 5697, 5339, 5341, 5469, 5671, 5452, 5509, 5609, 5711, 5698, 5504, 5610, 5544, 5683, 5500, 5397, 5319 (1 hits) (09/06/2011 02:23:20 PM)
8	9	1.0	333.0	Yes	5307.0MHz, -63.0dBm	Hop sequence: 5680, 5585, 5291, 5640, 5444, 5675, 5278, 5602, 5599, 5617, 5352, 5354, 5485, 5466, 5595, 5473, 5677, 5627, 5253, 5644, 5381, 5508, 5273, 5379, 5685, 5651, 5696, 5684, 5492, 5430, 5378, 5708, 5349, 5589, 5325, 5658, 5356, 5490, 5712, 5334, 5428, 5694, 5528, 5293, 5560, 5405, 5583, 5598,

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
						5642, 5516, 5283, 5698, 5575, 5323, 5520, 5639, 5499, 5646, 5298, 5504, 5384, 5496, 5437, 5285, 5552, 5645, 5720, 5436, 5581, 5276, 5452, 5548, 5551, 5299, 5350, 5580, 5566, 5426, 5408, 5460, 5662, 5565, 5498, 5709, 5303, 5607, 5636, 5390, 5263, 5503, 5699, 5703, 5371, 5259, 5656, 5385, 5424, 5543, 5344, 5587 (4 hits) (09/06/2011 02:24:29 PM)
9	9	1.0	333.0	Yes	5308.0MHz, -63.0dBm	Hop sequence: 5387, 5703, 5533, 5699, 5564, 5714, 5369, 5378, 5422, 5614, 5677, 5567, 5458, 5339, 5394, 5345, 5565, 5304, 5556, 5327, 5685, 5358, 5471, 5654, 5724, 5618, 5414, 5257, 5659, 5532, 5348, 5586, 5377, 5496, 5368, 5451, 5463, 5690, 5479, 5650, 5379, 5570, 5361, 5512, 5380, 5640, 5341, 5386, 5310, 5336, 5506, 5306, 5354, 5647, 5527, 5490, 5581, 5415, 5641, 5445, 5487, 5373, 5549, 5692, 5580, 5582, 5362, 5494, 5460, 5333, 5404, 5518, 5353, 5466, 5292, 5447, 5262, 5577, 5510, 5303, 5455, 5284, 5270, 5408, 5478, 5604, 5290, 5721, 5542, 5470, 5269, 5613, 5554, 5383, 5509, 5514, 5343, 5313, 5351, 5664 (4 hits) (09/06/2011 02:25:11 PM)
10	9	1.0	333.0	Yes	5309.0MHz, -63.0dBm	Hop sequence: 5399, 5622, 5491, 5277, 5575, 5718, 5455, 5511, 5655, 5581, 5461, 5657, 5309, 5429, 5326, 5443, 5377, 5312, 5590, 5680, 5382, 5537, 5533, 5418, 5447, 5488, 5362, 5545, 5603, 5253, 5334, 5586, 5265, 5388, 5341, 5260, 5442, 5654, 5579, 5327, 5351, 5498, 5254, 5420, 5720, 5434, 5466, 5568, 5258, 5623, 5463, 5639, 5322, 5348, 5540, 5645, 5395, 5457, 5283, 5311, 5256, 5470, 5381, 5444, 5294, 5524, 5580, 5612, 5510, 5659, 5482, 5601, 5512, 5519, 5647, 5613, 5338, 5438, 5616, 5387, 5408, 5282, 5682, 5660, 5523, 5323, 5694, 5658, 5709, 5410, 5333, 5316, 5589, 5280, 5673, 5331, 5503, 5683, 5690, 5700 (2 hits) (09/06/2011

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
						02:25:40 PM)
11	9	1.0	333.0	Yes	5292.0MHz, -63.0dBm	Hop sequence: 5461, 5673, 5504, 5329, 5384, 5476, 5525, 5559, 5619, 5428, 5651, 5721, 5664, 5270, 5352, 5282, 5319, 5328, 5339, 5414, 5521, 5280, 5373, 5459, 5375, 5302, 5490, 5722, 5599, 5442, 5557, 5366, 5281, 5549, 5552, 5501, 5456, 5402, 5539, 5477, 5289, 5364, 5376, 5685, 5723, 5609, 5278, 5419, 5394, 5526, 5523, 5257, 5447, 5577, 5629, 5620, 5439, 5720, 5297, 5576, 5687, 5527, 5403, 5314, 5587, 5313, 5464, 5438, 5380, 5354, 5351, 5363, 5672, 5481, 5358, 5537, 5256, 5642, 5468, 5508, 5423, 5686, 5562, 5571, 5322, 5307, 5601, 5568, 5698, 5653, 5348, 5465, 5433, 5563, 5655, 5420, 5397, 5331, 5484, 5604 (3 hits) (09/06/2011 02:29:27 PM)
12	9	1.0	333.0	Yes	5293.0MHz, -63.0dBm	Hop sequence: 5409, 5583, 5605, 5574, 5378, 5500, 5637, 5481, 5638, 5682, 5710, 5320, 5275, 5540, 5358, 5559, 5577, 5366, 5443, 5543, 5372, 5714, 5582, 5451, 5408, 5262, 5684, 5709, 5601, 5333, 5429, 5624, 5496, 5707, 5477, 5452, 5537, 5398, 5300, 5674, 5356, 5641, 5491, 5357, 5272, 5317, 5724, 5290, 5309, 5696, 5612, 5557, 5368, 5606, 5617, 5444, 5423, 5476, 5581, 5716, 5679, 5507, 5281, 5629, 5343, 5329, 5326, 5546, 5531, 5620, 5404, 5548, 5524, 5678, 5266, 5330, 5666, 5347, 5689, 5687, 5265, 5348, 5607, 5613, 5723, 5440, 5323, 5253, 5367, 5526, 5299, 5635, 5312, 5711, 5483, 5286, 5616, 5693, 5522, 5383 (3 hits) (09/06/2011 02:30:24 PM)
13	9	1.0	333.0	Yes	5294.0MHz, -63.0dBm	Hop sequence: 5316, 5336, 5595, 5621, 5419, 5440, 5485, 5553, 5687, 5468, 5328, 5660, 5265, 5718, 5505, 5420, 5270, 5650, 5585, 5306, 5338, 5302, 5652, 5282, 5515, 5409, 5470, 5592, 5646, 5644, 5587, 5445, 5474, 5560, 5363, 5603, 5439, 5360, 5446, 5610, 5540, 5695, 5509, 5471, 5663, 5349, 5580, 5559,

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
						5600, 5597, 5335, 5345, 5682, 5492, 5709, 5394, 5383, 5647, 5295, 5412, 5504, 5696, 5521, 5578, 5656, 5624, 5508, 5371, 5685, 5721, 5701, 5711, 5284, 5487, 5637, 5661, 5395, 5341, 5379, 5274, 5442, 5548, 5286, 5472, 5545, 5339, 5526, 5481, 5557, 5465, 5296, 5599, 5609, 5648, 5372, 5676, 5261, 5488, 5581, 5608 (4 hits) (09/06/2011 02:31:00 PM)
14	9	1.0	333.0	Yes	5295.0MHz, -63.0dBm	Hop sequence: 5378, 5380, 5584, 5430, 5612, 5571, 5667, 5615, 5443, 5476, 5394, 5290, 5332, 5314, 5475, 5254, 5397, 5605, 5445, 5526, 5354, 5559, 5365, 5682, 5556, 5360, 5620, 5428, 5432, 5708, 5424, 5298, 5619, 5370, 5492, 5465, 5403, 5303, 5722, 5712, 5561, 5329, 5602, 5630, 5351, 5320, 5618, 5422, 5271, 5498, 5658, 5388, 5318, 5294, 5479, 5533, 5681, 5337, 5601, 5382, 5565, 5345, 5696, 5281, 5604, 5419, 5608, 5387, 5493, 5623, 5273, 5324, 5525, 5459, 5381, 5535, 5569, 5574, 5501, 5549, 5307, 5384, 5372, 5279, 5564, 5512, 5413, 5585, 5609, 5657, 5643, 5496, 5288, 5566, 5541, 5685, 5522, 5409, 5663, 5385 (4 hits) (09/06/2011 02:31:46 PM)
15	9	1.0	333.0	Yes	5296.0MHz, -63.0dBm	Hop sequence: 5589, 5413, 5573, 5498, 5675, 5318, 5664, 5280, 5618, 5502, 5484, 5488, 5340, 5630, 5703, 5286, 5277, 5333, 5328, 5559, 5466, 5607, 5673, 5443, 5704, 5486, 5351, 5615, 5326, 5555, 5551, 5422, 5578, 5467, 5485, 5674, 5533, 5367, 5672, 5543, 5284, 5708, 5631, 5430, 5610, 5561, 5260, 5319, 5379, 5506, 5725, 5689, 5416, 5492, 5262, 5442, 5401, 5476, 5495, 5662, 5312, 5545, 5302, 5259, 5652, 5291, 5278, 5327, 5323, 5721, 5726, 5332, 5331, 5406, 5659, 5273, 5510, 5697, 5537, 5681, 5480, 5614, 5451, 5560, 5282, 5440, 5647, 5585, 5500, 5593, 5656, 5603, 5355, 5293, 5540, 5624, 5387, 5497, 5596, 5645 (2 hits) (09/06/2011

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
						02:36:25 PM)
16	9	1.0	333.0	Yes	5297.0MHz, -63.0dBm	Hop sequence: 5582, 5409, 5661, 5600, 5454, 5605, 5510, 5340, 5645, 5256, 5555, 5524, 5385, 5514, 5646, 5709, 5485, 5445, 5272, 5675, 5446, 5556, 5615, 5504, 5394, 5674, 5717, 5478, 5251, 5472, 5317, 5610, 5632, 5306, 5676, 5579, 5623, 5380, 5566, 5500, 5358, 5321, 5262, 5463, 5379, 5608, 5466, 5595, 5517, 5635, 5495, 5279, 5377, 5684, 5412, 5668, 5548, 5395, 5343, 5424, 5373, 5486, 5568, 5658, 5576, 5509, 5292, 5620, 5363, 5457, 5591, 5547, 5387, 5440, 5404, 5656, 5621, 5332, 5544, 5634, 5550, 5534, 5481, 5671, 5362, 5614, 5393, 5359, 5419, 5506, 5584, 5687, 5316, 5281, 5546, 5490, 5414, 5361, 5296, 5515 (3 hits) (09/06/2011 02:36:57 PM)
17	9	1.0	333.0	Yes	5298.0MHz, -63.0dBm	Hop sequence: 5456, 5369, 5442, 5697, 5361, 5496, 5512, 5717, 5677, 5589, 5526, 5455, 5365, 5603, 5517, 5510, 5493, 5657, 5599, 5329, 5546, 5541, 5394, 5332, 5385, 5342, 5418, 5319, 5417, 5561, 5623, 5295, 5573, 5364, 5304, 5672, 5598, 5487, 5709, 5600, 5302, 5609, 5263, 5405, 5583, 5440, 5271, 5490, 5694, 5387, 5404, 5532, 5548, 5720, 5606, 5320, 5374, 5285, 5608, 5382, 5498, 5585, 5474, 5416, 5362, 5530, 5660, 5428, 5690, 5553, 5616, 5578, 5556, 5670, 5423, 5593, 5353, 5475, 5488, 5328, 5467, 5388, 5511, 5264, 5673, 5438, 5376, 5309, 5434, 5460, 5308, 5270, 5643, 5288, 5613, 5324, 5652, 5540, 5539, 5564 (5 hits) (09/06/2011 02:37:31 PM)
18	9	1.0	333.0	Yes	5299.0MHz, -63.0dBm	Hop sequence: 5626, 5710, 5404, 5726, 5436, 5696, 5579, 5384, 5371, 5440, 5435, 5355, 5671, 5555, 5253, 5648, 5429, 5589, 5613, 5386, 5370, 5418, 5367, 5545, 5317, 5681, 5538, 5670, 5412, 5567, 5417, 5529, 5478, 5424, 5519, 5701, 5489, 5347, 5439, 5472, 5256, 5718, 5513, 5438, 5509, 5411, 5399, 5664,

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
						5267, 5416, 5534, 5637, 5522, 5552, 5610, 5658, 5686, 5697, 5525, 5583, 5255, 5500, 5378, 5601, 5712, 5495, 5476, 5434, 5259, 5655, 5446, 5699, 5491, 5684, 5501, 5337, 5499, 5401, 5460, 5530, 5343, 5325, 5373, 5305, 5537, 5636, 5441, 5673, 5336, 5285, 5328, 5713, 5453, 5289, 5295, 5273, 5415, 5665, 5278, 5563 (2 hits) (09/06/2011 02:54:17 PM)
19	9	1.0	333.0	Yes	5300.0MHz, -63.0dBm	Hop sequence: 5592, 5453, 5366, 5327, 5513, 5408, 5364, 5703, 5564, 5672, 5346, 5378, 5428, 5412, 5282, 5562, 5505, 5502, 5588, 5335, 5653, 5553, 5623, 5639, 5329, 5312, 5645, 5518, 5452, 5612, 5348, 5390, 5670, 5265, 5450, 5514, 5520, 5695, 5439, 5602, 5274, 5485, 5488, 5646, 5436, 5394, 5287, 5386, 5661, 5314, 5401, 5638, 5417, 5299, 5577, 5540, 5387, 5705, 5271, 5604, 5330, 5711, 5527, 5297, 5678, 5481, 5589, 5512, 5420, 5594, 5325, 5722, 5717, 5625, 5382, 5259, 5526, 5648, 5535, 5556, 5508, 5658, 5373, 5442, 5321, 5693, 5275, 5302, 5587, 5636, 5659, 5544, 5266, 5296, 5471, 5414, 5708, 5692, 5437, 5359 (4 hits) (09/06/2011 02:55:01 PM)
20	9	1.0	333.0	Yes	5301.0MHz, -63.0dBm	Hop sequence: 5574, 5303, 5258, 5616, 5587, 5312, 5304, 5666, 5413, 5696, 5411, 5671, 5485, 5390, 5423, 5326, 5576, 5491, 5509, 5297, 5441, 5684, 5606, 5468, 5695, 5610, 5487, 5310, 5521, 5570, 5398, 5356, 5414, 5568, 5321, 5315, 5585, 5477, 5495, 5271, 5597, 5646, 5580, 5354, 5547, 5261, 5357, 5595, 5393, 5505, 5701, 5672, 5591, 5537, 5314, 5446, 5707, 5453, 5364, 5716, 5662, 5427, 5363, 5445, 5578, 5323, 5506, 5692, 5278, 5481, 5340, 5613, 5415, 5556, 5407, 5374, 5462, 5704, 5480, 5275, 5700, 5647, 5472, 5338, 5624, 5266, 5579, 5711, 5438, 5421, 5362, 5536, 5626, 5337, 5295, 5350, 5663, 5569, 5316, 5528 (4 hits)

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
21	9	1.0	333.0	Yes	5302.0MHz, -63.0dBm	Hop sequence: 5613, 5531, 5572, 5446, 5655, 5535, 5452, 5546, 5345, 5276, 5322, 5687, 5614, 5529, 5373, 5704, 5333, 5666, 5288, 5718, 5318, 5302, 5710, 5340, 5477, 5571, 5296, 5426, 5289, 5269, 5559, 5410, 5263, 5558, 5428, 5627, 5610, 5292, 5543, 5422, 5329, 5575, 5685, 5545, 5695, 5690, 5638, 5668, 5380, 5436, 5595, 5609, 5644, 5526, 5714, 5398, 5427, 5640, 5460, 5611, 5439, 5709, 5565, 5712, 5721, 5360, 5574, 5364, 5393, 5397, 5722, 5387, 5328, 5331, 5700, 5347, 5474, 5409, 5671, 5593, 5619, 5657, 5495, 5277, 5588, 5257, 5501, 5411, 5264, 5600, 5265, 5636, 5429, 5648, 5341, 5330, 5678, 5282, 5646, 5502 (3 hits) (09/06/2011 03:02:09 PM)
22	9	1.0	333.0	Yes	5303.0MHz, -63.0dBm	Hop sequence: 5351, 5473, 5685, 5560, 5327, 5281, 5585, 5555, 5673, 5356, 5708, 5433, 5644, 5317, 5526, 5328, 5340, 5544, 5573, 5586, 5571, 5372, 5725, 5706, 5393, 5348, 5435, 5635, 5505, 5556, 5312, 5258, 5550, 5497, 5427, 5594, 5488, 5666, 5253, 5278, 5323, 5624, 5535, 5591, 5507, 5487, 5679, 5397, 5451, 5630, 5308, 5270, 5490, 5503, 5665, 5478, 5476, 5334, 5255, 5426, 5335, 5269, 5575, 5279, 5605, 5699, 5346, 5280, 5448, 5425, 5690, 5617, 5329, 5309, 5479, 5277, 5574, 5657, 5595, 5513, 5403, 5564, 5642, 5656, 5717, 5637, 5691, 5325, 5301, 5528, 5623, 5660, 5611, 5371, 5445, 5452, 5547, 5300, 5522, 5649 (4 hits) (09/06/2011 03:03:16 PM)
23	9	1.0	333.0	Yes	5304.0MHz, -63.0dBm	Hop sequence: 5572, 5644, 5381, 5287, 5402, 5580, 5392, 5319, 5507, 5688, 5309, 5598, 5345, 5674, 5445, 5410, 5393, 5593, 5252, 5272, 5461, 5692, 5355, 5624, 5380, 5377, 5512, 5696, 5399, 5720, 5616, 5488, 5382, 5721, 5364, 5492, 5678, 5662, 5619, 5718, 5622, 5548, 5535, 5618, 5715, 5571, 5469, 5707, 5531, 5442, 5353, 5615, 5585,

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
						5346, 5446, 5401, 5342, 5652, 5651, 5305, 5467, 5372, 5657, 5360, 5686, 5637, 5510, 5496, 5468, 5477, 5482, 5501, 5282, 5561, 5625, 5532, 5293, 5384, 5388, 5432, 5606, 5609, 5656, 5603, 5258, 5521, 5273, 5290, 5628, 5436, 5613, 5551, 5519, 5343, 5447, 5494, 5682, 5316, 5421, 5466 (3 hits) (09/06/2011 03:04:17 PM)
24	9	1.0	333.0	Yes	5305.0MHz, -63.0dBm	Hop sequence: 5725, 5476, 5347, 5523, 5573, 5299, 5610, 5646, 5261, 5449, 5363, 5314, 5491, 5627, 5437, 5677, 5302, 5461, 5684, 5454, 5310, 5483, 5658, 5455, 5505, 5395, 5451, 5325, 5669, 5386, 5570, 5613, 5584, 5318, 5343, 5390, 5339, 5699, 5480, 5586, 5317, 5545, 5679, 5601, 5407, 5623, 5393, 5551, 5335, 5659, 5445, 5457, 5444, 5428, 5595, 5462, 5277, 5506, 5285, 5508, 5432, 5557, 5490, 5631, 5641, 5495, 5328, 5266, 5452, 5435, 5406, 5415, 5450, 5441, 5421, 5618, 5680, 5581, 5681, 5576, 5467, 5471, 5617, 5718, 5394, 5283, 5691, 5648, 5616, 5527, 5515, 5479, 5534, 5695, 5420, 5408, 5387, 5560, 5284, 5682 (2 hits) (09/06/2011 03:05:10 PM)
25	9	1.0	333.0	Yes	5306.0MHz, -63.0dBm	Hop sequence: 5692, 5541, 5683, 5561, 5531, 5416, 5286, 5696, 5497, 5282, 5353, 5273, 5582, 5513, 5605, 5551, 5552, 5719, 5407, 5307, 5532, 5584, 5633, 5546, 5547, 5465, 5460, 5265, 5554, 5594, 5538, 5553, 5527, 5391, 5458, 5588, 5668, 5664, 5619, 5485, 5658, 5603, 5399, 5293, 5556, 5590, 5504, 5425, 5515, 5389, 5723, 5410, 5653, 5349, 5581, 5456, 5459, 5550, 5314, 5374, 5369, 5361, 5591, 5660, 5320, 5430, 5312, 5261, 5516, 5718, 5358, 5670, 5562, 5467, 5604, 5530, 5595, 5317, 5536, 5712, 5291, 5687, 5627, 5717, 5650, 5491, 5378, 5505, 5631, 5364, 5501, 5403, 5402, 5613, 5394, 5341, 5420, 5695, 5476, 5301 (3 hits) (09/06/2011 03:06:09 PM)

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
26	9	1.0	333.0	Yes	5307.0MHz, -63.0dBm	Hop sequence: 5423, 5386, 5417, 5577, 5295, 5589, 5479, 5411, 5697, 5335, 5692, 5416, 5591, 5640, 5599, 5496, 5722, 5565, 5673, 5595, 5623, 5456, 5521, 5309, 5322, 5550, 5357, 5337, 5455, 5471, 5312, 5706, 5659, 5505, 5382, 5368, 5585, 5579, 5720, 5289, 5403, 5259, 5494, 5665, 5476, 5698, 5622, 5570, 5385, 5564, 5452, 5656, 5276, 5412, 5671, 5315, 5707, 5294, 5708, 5631, 5432, 5694, 5356, 5594, 5462, 5389, 5457, 5555, 5486, 5618, 5366, 5464, 5616, 5261, 5711, 5558, 5367, 5265, 5689, 5676, 5661, 5361, 5271, 5300, 5481, 5540, 5644, 5712, 5645, 5428, 5646, 5373, 5655, 5542, 5516, 5612, 5384, 5347, 5418, 5489 (4 hits) (09/06/2011 03:06:48 PM)
27	9	1.0	333.0	Yes	5308.0MHz, -63.0dBm	Hop sequence: 5295, 5302, 5706, 5475, 5696, 5657, 5338, 5633, 5582, 5465, 5412, 5547, 5393, 5320, 5597, 5637, 5340, 5377, 5676, 5705, 5400, 5492, 5559, 5327, 5272, 5491, 5250, 5333, 5675, 5314, 5406, 5672, 5708, 5506, 5702, 5670, 5496, 5282, 5335, 5470, 5357, 5501, 5346, 5365, 5442, 5460, 5566, 5585, 5252, 5313, 5565, 5683, 5466, 5334, 5667, 5628, 5290, 5690, 5516, 5576, 5456, 5276, 5321, 5687, 5306, 5383, 5296, 5354, 5487, 5611, 5678, 5629, 5662, 5453, 5598, 5534, 5390, 5310, 5359, 5632, 5273, 5601, 5520, 5653, 5344, 5600, 5652, 5341, 5507, 5642, 5376, 5519, 5437, 5436, 5260, 5447, 5342, 5609, 5366, 5620 (4 hits) (09/06/2011 03:07:21 PM)
28	9	1.0	333.0	Yes	5309.0MHz, -63.0dBm	Hop sequence: 5502, 5626, 5566, 5504, 5391, 5335, 5337, 5435, 5402, 5313, 5347, 5587, 5493, 5629, 5366, 5492, 5496, 5711, 5344, 5554, 5649, 5497, 5514, 5318, 5643, 5622, 5285, 5619, 5595, 5556, 5428, 5304, 5390, 5637, 5300, 5476, 5269, 5445, 5656, 5680, 5529, 5646, 5434, 5309, 5253, 5376, 5695, 5441, 5280, 5645, 5486, 5571, 5625,

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
						5494, 5585, 5343, 5527, 5392, 5623, 5530, 5557, 5311, 5599, 5453, 5723, 5538, 5510, 5455, 5560, 5416, 5466, 5507, 5255, 5485, 5724, 5475, 5333, 5406, 5359, 5298, 5675, 5624, 5657, 5462, 5449, 5674, 5308, 5417, 5286, 5597, 5652, 5570, 5718, 5307, 5702, 5464, 5317, 5719, 5495, 5522 (6 hits) (09/06/2011 03:08:03 PM)
29	9	1.0	333.0	Yes	5292.0MHz, -63.0dBm	Hop sequence: 5578, 5565, 5372, 5718, 5328, 5366, 5393, 5539, 5375, 5458, 5371, 5697, 5404, 5603, 5361, 5356, 5288, 5532, 5301, 5584, 5499, 5388, 5436, 5684, 5445, 5624, 5652, 5452, 5497, 5660, 5593, 5311, 5559, 5671, 5276, 5382, 5277, 5418, 5322, 5354, 5494, 5650, 5600, 5362, 5406, 5290, 5270, 5446, 5641, 5698, 5348, 5339, 5512, 5692, 5496, 5683, 5376, 5522, 5708, 5432, 5609, 5355, 5686, 5291, 5278, 5723, 5615, 5377, 5628, 5687, 5665, 5304, 5542, 5271, 5679, 5550, 5535, 5472, 5337, 5630, 5558, 5329, 5613, 5518, 5447, 5427, 5437, 5474, 5699, 5343, 5374, 5424, 5397, 5285, 5359, 5341, 5674, 5415, 5262, 5646 (2 hits) (09/06/2011 03:08:42 PM)
30	9	1.0	333.0	Yes	5293.0MHz, -63.0dBm	Hop sequence: 5394, 5600, 5450, 5389, 5669, 5361, 5434, 5421, 5312, 5667, 5342, 5639, 5713, 5525, 5295, 5409, 5692, 5522, 5719, 5419, 5556, 5387, 5605, 5356, 5520, 5444, 5715, 5460, 5347, 5502, 5655, 5542, 5320, 5632, 5562, 5319, 5276, 5403, 5621, 5263, 5454, 5675, 5512, 5682, 5517, 5514, 5597, 5358, 5293, 5664, 5548, 5665, 5609, 5435, 5256, 5285, 5718, 5272, 5573, 5422, 5578, 5306, 5567, 5620, 5511, 5396, 5441, 5337, 5303, 5311, 5586, 5607, 5484, 5448, 5260, 5310, 5712, 5466, 5666, 5315, 5261, 5579, 5537, 5469, 5670, 5507, 5617, 5631, 5624, 5526, 5300, 5585, 5258, 5603, 5284, 5363, 5627, 5613, 5391, 5427 (5 hits) (09/06/2011 03:09:20 PM)

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
31	9	1.0	333.0	Yes	5294.0MHz, -63.0dBm	Hop sequence: 5497, 5571, 5514, 5257, 5717, 5637, 5303, 5625, 5316, 5665, 5423, 5391, 5284, 5472, 5416, 5616, 5671, 5368, 5498, 5620, 5489, 5394, 5286, 5447, 5382, 5300, 5584, 5276, 5567, 5542, 5282, 5532, 5659, 5412, 5285, 5550, 5608, 5557, 5302, 5297, 5319, 5351, 5427, 5389, 5566, 5706, 5414, 5502, 5686, 5336, 5725, 5568, 5460, 5437, 5335, 5268, 5687, 5604, 5519, 5312, 5586, 5344, 5501, 5537, 5490, 5667, 5417, 5601, 5392, 5266, 5411, 5309, 5619, 5669, 5445, 5602, 5377, 5383, 5358, 5314, 5645, 5704, 5407, 5582, 5695, 5485, 5581, 5705, 5623, 5311, 5655, 5607, 5378, 5618, 5435, 5626, 5305, 5313, 5643, 5356 (6 hits) (09/07/2011 04:28:49 PM)
32	9	1.0	333.0	Yes	5295.0MHz, -63.0dBm	Hop sequence: 5550, 5366, 5478, 5468, 5291, 5296, 5433, 5561, 5489, 5459, 5375, 5317, 5267, 5258, 5638, 5280, 5671, 5270, 5615, 5259, 5260, 5254, 5430, 5424, 5282, 5527, 5404, 5290, 5609, 5414, 5384, 5268, 5713, 5648, 5272, 5312, 5402, 5294, 5339, 5538, 5442, 5398, 5547, 5269, 5425, 5493, 5496, 5604, 5689, 5426, 5325, 5275, 5460, 5322, 5481, 5490, 5620, 5661, 5302, 5349, 5432, 5664, 5631, 5500, 5578, 5277, 5255, 5361, 5579, 5330, 5495, 5653, 5619, 5341, 5700, 5273, 5266, 5564, 5307, 5329, 5576, 5677, 5597, 5274, 5546, 5590, 5471, 5345, 5537, 5624, 5566, 5655, 5355, 5346, 5380, 5602, 5265, 5591, 5383, 5511 (9 hits) (09/07/2011 04:29:26 PM)
33	9	1.0	333.0	Yes	5296.0MHz, -63.0dBm	Hop sequence: 5469, 5298, 5361, 5606, 5252, 5418, 5628, 5335, 5511, 5323, 5651, 5559, 5424, 5383, 5409, 5277, 5274, 5517, 5350, 5353, 5710, 5326, 5514, 5695, 5684, 5407, 5593, 5565, 5688, 5442, 5482, 5458, 5666, 5512, 5453, 5657, 5650, 5717, 5543, 5459, 5584, 5600, 5408, 5436, 5682, 5490, 5441, 5282, 5610, 5615, 5522, 5456, 5504,

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
						5397, 5635, 5590, 5578, 5603, 5258, 5304, 5631, 5297, 5354, 5389, 5486, 5686, 5707, 5575, 5498, 5718, 5658, 5481, 5483, 5568, 5369, 5463, 5679, 5668, 5555, 5272, 5667, 5491, 5699, 5294, 5452, 5432, 5355, 5550, 5471, 5332, 5724, 5494, 5402, 5715, 5336, 5396, 5393, 5670, 5302, 5656 (6 hits) (09/07/2011 04:30:15 PM)
34	9	1.0	333.0	Yes	5297.0MHz, -63.0dBm	Hop sequence: 5282, 5338, 5691, 5514, 5579, 5408, 5397, 5455, 5611, 5681, 5684, 5494, 5369, 5503, 5475, 5539, 5456, 5582, 5628, 5374, 5552, 5404, 5559, 5532, 5632, 5709, 5479, 5615, 5266, 5714, 5368, 5535, 5465, 5429, 5345, 5462, 5427, 5705, 5601, 5460, 5484, 5367, 5640, 5412, 5324, 5708, 5385, 5401, 5525, 5394, 5549, 5491, 5562, 5361, 5382, 5285, 5661, 5652, 5281, 5406, 5389, 5472, 5686, 5695, 5308, 5292, 5720, 5488, 5617, 5337, 5613, 5298, 5650, 5332, 5444, 5545, 5343, 5303, 5527, 5724, 5506, 5331, 5576, 5589, 5662, 5586, 5569, 5313, 5694, 5654, 5470, 5723, 5329, 5592, 5508, 5438, 5467, 5517, 5386, 5377 (4 hits) (09/07/2011 04:30:44 PM)
35	9	1.0	333.0	Yes	5298.0MHz, -63.0dBm	Hop sequence: 5367, 5495, 5639, 5591, 5315, 5443, 5674, 5722, 5374, 5508, 5376, 5448, 5682, 5465, 5613, 5422, 5458, 5486, 5619, 5469, 5635, 5438, 5653, 5523, 5612, 5421, 5636, 5357, 5631, 5265, 5684, 5715, 5507, 5454, 5359, 5394, 5539, 5431, 5390, 5287, 5535, 5663, 5617, 5261, 5317, 5379, 5656, 5569, 5549, 5370, 5258, 5706, 5572, 5710, 5544, 5519, 5547, 5604, 5721, 5644, 5320, 5530, 5614, 5581, 5568, 5629, 5545, 5482, 5349, 5503, 5511, 5251, 5300, 5362, 5557, 5440, 5521, 5439, 5289, 5709, 5640, 5534, 5310, 5309, 5677, 5697, 5475, 5290, 5526, 5529, 5491, 5284, 5658, 5424, 5335, 5330, 5647, 5361, 5531, 5659 (2 hits) (09/07/2011 04:43:05 PM)

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
36	9	1.0	333.0	Yes	5299.0MHz, -63.0dBm	Hop sequence: 5392, 5367, 5614, 5374, 5312, 5557, 5433, 5255, 5464, 5609, 5708, 5523, 5325, 5463, 5371, 5501, 5435, 5502, 5252, 5718, 5613, 5617, 5356, 5668, 5560, 5645, 5416, 5701, 5286, 5683, 5405, 5363, 5586, 5456, 5512, 5709, 5337, 5472, 5674, 5647, 5639, 5331, 5410, 5495, 5346, 5632, 5597, 5520, 5696, 5276, 5293, 5490, 5648, 5455, 5550, 5313, 5295, 5420, 5429, 5280, 5350, 5503, 5567, 5707, 5308, 5457, 5497, 5646, 5489, 5254, 5659, 5443, 5425, 5679, 5349, 5629, 5273, 5394, 5354, 5570, 5654, 5289, 5588, 5364, 5566, 5408, 5319, 5603, 5499, 5638, 5500, 5265, 5453, 5377, 5602, 5483, 5390, 5336, 5395, 5264 (3 hits) (09/07/2011 04:44:09 PM)

Table 14 - Long Sequence Waveform Summary 802.11n 20MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5300.0MHz, -63.0dBm
Trial #2	NOT Detected	5295.0MHz, -63.0dBm
Trial #3	Detected	5305.0MHz, -63.0dBm
Trial #4	Detected	5300.0MHz, -63.0dBm
Trial #5	Detected	5295.0MHz, -63.0dBm
Trial #6	Detected	5305.0MHz, -63.0dBm
Trial #7	Detected	5300.0MHz, -63.0dBm
Trial #8	Detected	5295.0MHz, -63.0dBm
Trial #9	Detected	5305.0MHz, -63.0dBm
Trial #10	Detected	5300.0MHz, -63.0dBm
Trial #11	NOT Detected	5295.0MHz, -63.0dBm
Trial #12	Detected	5305.0MHz, -63.0dBm
Trial #13	NOT Detected	5300.0MHz, -63.0dBm
Trial #14	Detected	5295.0MHz, -63.0dBm
Trial #15	NOT Detected	5305.0MHz, -63.0dBm
Trial #16	Detected	5300.0MHz, -63.0dBm
Trial #17	Detected	5295.0MHz, -63.0dBm
Trial #18	Detected	5305.0MHz, -63.0dBm
Trial #19	Detected	5300.0MHz, -63.0dBm
Trial #20	NOT Detected	5295.0MHz, -63.0dBm
Trial #21	Detected	5305.0MHz, -63.0dBm
Trial #22	Detected	5300.0MHz, -63.0dBm
Trial #23	Detected	5295.0MHz, -63.0dBm
Trial #24	Detected	5305.0MHz, -63.0dBm
Trial #25	Detected	5300.0MHz, -63.0dBm
Trial #26	Detected	5295.0MHz, -63.0dBm
Trial #27	Detected	5305.0MHz, -63.0dBm
Trial #28	Detected	5300.0MHz, -63.0dBm
Trial #29	Detected	5295.0MHz, -63.0dBm
Trial #30	Detected	5305.0MHz, -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	95.4	11	1089.0	-	0.401547
2	2	93.4	6	1508.0	-	0.848804
3	3	88.7	16	1351.0	1826.0	1.599053
4	2	92.9	7	1266.0	-	2.584862
5	2	97.6	17	1204.0	-	2.706961
6	1	53.7	11	-	-	3.927470
7	1	86.9	18	-	-	4.524980
8	3	66.5	15	1574.0	1383.0	5.200297
9	2	89.0	10	1317.0	-	5.993597
10	2	91.5	17	1097.0	-	6.617573
11	2	87.0	10	1936.0	-	6.797088
12	3	82.8	11	1843.0	1507.0	7.405207
13	2	94.9	18	1063.0	-	8.241470
14	2	53.0	12	1525.0	-	8.981860
15	1	54.0	18	-	-	9.811442
16	3	98.5	11	1066.0	1231.0	10.143578
17	2	82.0	7	1365.0	-	11.130512
18	2	68.3	6	1660.0	-	11.565129

Table 16 - 802.11n 20MHz Long Sequence Waveform Trial#2 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	81.1	11	1902.0	1850.0	0.687965
2	2	84.0	13	1634.0	-	1.311934
3	3	73.1	9	1059.0	1519.0	2.476858
4	1	96.9	13	-	-	4.583582
5	2	69.1	20	1405.0	-	5.796273
6	2	82.7	7	1675.0	-	6.087685
7	2	61.7	15	1204.0	-	7.543544
8	3	66.6	14	1508.0	1214.0	9.265352
9	2	60.5	6	1484.0	-	9.754427
10	2	64.2	14	1361.0	-	11.949104

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	1	75.5	14	-	-	0.013213
2	1	62.8	13	-	-	2.242180
3	1	86.1	10	-	-	3.087132
4	3	67.0	17	1920.0	1030.0	3.658242
5	2	63.7	7	1884.0	-	5.813278
6	1	54.7	14	-	-	6.354082
7	3	69.1	13	1554.0	1411.0	7.211165
8	3	95.1	10	1483.0	1423.0	8.657884
9	2	82.6	7	1514.0	-	10.537909
10	2	68.5	15	1785.0	-	11.874408

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	92.0	15	1957.0	-	0.893347
2	2	64.0	19	1463.0	-	2.174518
3	2	78.9	17	1267.0	-	3.290147
4	1	92.1	18	-	-	4.847489
5	3	51.2	12	1154.0	1420.0	6.374064
6	1	76.6	14	-	-	6.900988
7	1	54.4	19	-	-	8.680345
8	2	59.0	16	1320.0	-	10.261324
9	2	82.5	7	1063.0	-	11.682212

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	3	66.5	8	1901.0	1523.0	0.445248
2	1	56.1	14	-	-	1.454621
3	3	77.6	15	1660.0	1873.0	2.921717
4	2	87.5	7	1187.0	-	4.338263
5	1	52.9	19	-	-	5.283633
6	3	65.8	13	1693.0	1952.0	6.104952
7	2	61.5	8	1832.0	-	6.938474
8	1	76.6	7	-	-	7.963231
9	1	75.4	10	-	-	9.653389
10	2	57.0	17	1947.0	-	10.089070
11	1	92.6	11	-	-	11.101211

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	3	95.7	18	1562.0	1250.0	0.836955
2	2	68.2	13	1029.0	-	1.200392
3	3	84.8	13	1564.0	1622.0	2.256436
4	2	60.2	11	1120.0	-	3.447859
5	2	60.4	18	1417.0	-	4.341817
6	2	58.3	12	1784.0	-	5.014974
7	3	57.4	5	1750.0	1173.0	6.555829
8	2	97.7	20	1214.0	-	7.625535
9	3	65.1	11	1433.0	1695.0	8.102242
10	2	93.8	7	1141.0	-	9.352164
11	1	77.3	6	-	-	10.478593
12	1	75.6	8	-	-	11.132681

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	69.7	7	1772.0	-	0.194359
2	3	97.8	17	1430.0	1729.0	1.953615
3	2	64.0	14	1633.0	-	3.072590
4	2	63.9	6	1411.0	-	5.051675
5	3	81.9	8	1340.0	1118.0	5.932665
6	1	91.8	5	-	-	6.822798
7	1	53.1	16	-	-	8.120767
8	1	69.3	8	-	-	10.399826
9	1	70.4	6	-	-	11.372700

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	56.0	14	1417.0	-	0.413510
2	1	58.8	17	-	-	0.762569
3	1	72.1	6	-	-	1.885676
4	1	50.3	15	-	-	2.177509
5	1	76.0	20	-	-	2.967163
6	3	52.7	6	1124.0	1639.0	3.480132
7	1	51.7	13	-	-	3.996433
8	3	58.6	13	1033.0	1743.0	4.790831
9	3	50.6	20	1802.0	1829.0	5.093863
10	2	67.1	7	1775.0	-	5.760357
11	2	77.8	12	1302.0	-	6.619365
12	1	61.3	8	-	-	7.369356
13	3	74.7	7	1243.0	1846.0	7.792995
14	1	63.9	15	-	-	8.805224
15	1	76.9	19	-	-	8.861318
16	1	58.9	20	-	-	9.814318
17	1	89.5	14	-	-	10.300396
18	1	87.6	14	-	-	10.874249
19	3	95.0	8	1049.0	1859.0	11.412391

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	3	65.9	9	1754.0	1082.0	0.717825
2	2	99.9	8	1686.0	-	1.483569
3	3	88.3	6	1537.0	1855.0	2.454433
4	2	54.4	7	1475.0	-	3.606069
5	3	66.9	15	1815.0	1915.0	4.928238
6	2	66.9	11	1619.0	-	5.478084
7	1	84.1	9	-	-	6.167537
8	2	81.8	7	1523.0	-	7.919996
9	1	63.2	9	-	-	8.464307
10	3	72.0	14	1494.0	1895.0	9.472090
11	2	90.4	6	1509.0	-	10.106738
12	1	97.8	17	-	-	11.421320

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	98.3	14	1833.0	-	0.345876
2	2	94.7	12	1023.0	-	1.379462
3	1	64.9	6	-	-	2.237791
4	2	71.7	5	1558.0	-	3.382836
5	3	72.0	17	1682.0	1129.0	5.369591
6	2	90.6	11	1675.0	-	5.895739
7	1	69.9	5	-	-	6.834018
8	3	87.1	18	1742.0	1062.0	7.848174
9	1	64.9	20	-	-	9.443289
10	2	88.0	15	1058.0	-	10.367370
11	2	91.6	13	1515.0	-	11.769473

Table 25 - 802.11n 20MHz 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	3	75.1	11	1164.0	1929.0	0.210859
2	2	85.5	14	1253.0	-	1.540233
3	2	68.9	11	1849.0	-	3.026917
4	1	72.2	18	-	-	4.319124
5	3	60.7	8	1091.0	1714.0	4.543806
6	2	65.3	17	1886.0	-	5.869633
7	2	67.9	15	1452.0	-	7.372279
8	2	53.8	6	1821.0	-	8.138267
9	3	67.3	11	1934.0	1959.0	8.838964
10	1	92.7	8	-	-	10.437086
11	2	86.2	14	1148.0	-	11.417103

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	75.2	6	1397.0	1197.0	0.006518
2	1	81.2	6	-	-	1.237005
3	1	95.4	9	-	-	2.685693
4	2	55.1	16	1326.0	-	3.868514
5	2	77.7	10	1247.0	-	5.647597
6	2	82.9	18	1203.0	-	6.402028
7	2	56.7	8	1790.0	-	7.890032
8	1	77.5	11	-	-	9.358245
9	3	73.1	12	1464.0	1155.0	10.544743
10	2	63.7	12	1871.0	-	11.388145

Table 27 - 802.11n 20MHz Long Sequence Waveform Trial#13 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	65.9	7	1859.0	-	0.560115
2	3	64.3	10	1550.0	1621.0	2.942502
3	1	85.0	17	-	-	3.105091
4	2	83.9	17	1380.0	-	5.930812
5	3	72.7	19	1099.0	1919.0	7.476918
6	1	55.2	17	-	-	7.663291
7	2	95.5	16	1535.0	-	10.163924
8	2	59.6	13	1321.0	-	11.143248

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	1	98.5	18	-	-	0.099378
2	2	88.2	15	1687.0	-	0.809270
3	3	69.5	12	1953.0	1585.0	1.581550
4	2	66.2	11	1505.0	-	2.329107
5	2	53.1	9	1823.0	-	2.862050
6	2	90.9	16	1407.0	-	3.318505
7	2	66.3	16	1477.0	-	3.643296
8	1	59.1	5	-	-	4.545227
9	2	95.6	19	1355.0	-	4.840045
10	1	91.0	14	-	-	5.925280
11	2	77.1	17	1851.0	-	6.296990
12	1	88.5	20	-	-	6.756714
13	2	62.4	8	1567.0	-	7.298811
14	3	72.6	13	1243.0	1279.0	8.166178
15	1	96.7	16	-	-	8.659806
16	2	82.6	18	1739.0	-	9.259873
17	3	63.4	9	1500.0	1475.0	9.845737
18	2	92.8	16	1435.0	-	10.491607
19	1	55.7	9	-	-	10.835205
20	2	79.7	19	1961.0	-	11.450488

Table 29 - 802.11n 20MHz Long Sequence Waveform Trial#15 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	56.7	14	-	-	0.241341
2	2	54.6	12	1625.0	-	2.277074
3	1	79.7	19	-	-	3.068652
4	2	61.6	14	1966.0	-	5.755964
5	1	63.6	11	-	-	7.423226
6	1	60.3	13	-	-	8.826575
7	1	61.3	14	-	-	9.225096
8	3	61.9	10	1193.0	1983.0	11.286618

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	3	83.4	14	1109.0	1745.0	0.107431
2	3	90.0	19	1943.0	1528.0	1.482757
3	2	88.1	7	1619.0	-	2.789668
4	1	54.5	16	-	-	3.027415
5	2	90.0	15	1422.0	-	4.572113
6	1	51.2	13	-	-	5.908597
7	3	86.4	10	1147.0	1617.0	6.981038
8	1	64.8	20	-	-	7.033782
9	3	53.9	11	1386.0	1124.0	8.760595
10	2	90.5	20	1970.0	-	9.957233
11	1	63.1	8	-	-	10.225333
12	1	86.3	6	-	-	11.922039

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	3	99.0	16	1950.0	1052.0	0.203051
2	1	78.6	9	-	-	0.680630
3	3	81.4	16	1207.0	1145.0	1.431620
4	1	94.5	15	-	-	2.021177
5	2	62.5	19	1548.0	-	2.904335
6	3	98.1	20	1735.0	1689.0	3.420164
7	2	91.8	18	1387.0	-	3.914999
8	1	65.6	15	-	-	4.342213
9	3	59.9	9	1681.0	1885.0	5.283954
10	3	84.6	10	1699.0	1968.0	5.972921
11	3	67.3	5	1823.0	1130.0	6.145590
12	3	60.5	12	1603.0	1246.0	6.814081
13	3	61.0	5	1310.0	1913.0	7.627565
14	3	70.2	15	1215.0	1994.0	7.869367
15	2	78.2	6	1064.0	-	8.437206
16	2	88.5	17	1934.0	-	9.534967
17	2	93.9	12	1410.0	-	9.909510
18	1	73.4	10	-	-	10.672917
19	3	87.4	9	1975.0	1658.0	11.236909
20	2	71.4	8	1559.0	-	11.917576

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	1	89.2	15	-	-	0.372972
2	2	81.8	7	1695.0	-	1.009852
3	2	90.9	16	1228.0	-	1.976015
4	1	98.4	10	-	-	2.390195
5	2	75.5	14	1001.0	-	2.939223
6	2	85.6	17	1742.0	-	3.711153
7	2	96.8	19	1386.0	-	4.710922
8	1	60.2	15	-	-	5.390878
9	2	54.1	7	1008.0	-	6.135699
10	2	84.4	18	1126.0	-	6.361931
11	2	99.4	14	1989.0	-	7.105427
12	1	76.8	17	-	-	8.016293
13	1	99.8	11	-	-	8.481433
14	1	68.0	15	-	-	9.710800
15	1	69.0	15	-	-	9.983897
16	1	66.0	9	-	-	11.179748
17	3	51.7	20	1542.0	1294.0	11.683950

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	84.7	11	1978.0	1407.0	0.141562
2	3	92.2	19	1642.0	1352.0	1.476559
3	2	62.3	7	1404.0	-	1.879473
4	1	52.5	6	-	-	3.111101
5	1	74.0	16	-	-	3.989643
6	1	93.4	12	-	-	4.410033
7	3	60.3	11	1274.0	1555.0	5.115792
8	2	70.9	18	1056.0	-	6.242605
9	1	57.9	8	-	-	6.873098
10	1	65.3	18	-	-	7.731240
11	2	89.8	7	1680.0	-	8.639062
12	2	74.2	11	1801.0	-	9.410395
13	2	71.2	7	1335.0	-	9.754853
14	2	51.8	10	1280.0	-	10.778823
15	3	50.3	18	1061.0	1703.0	11.941363

Table 34 - 802.11n 20MHz Long Sequence Waveform Trial#20 (NOT 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	15	1101.0	-	0.218303
2	2	88.0	18	1645.0	-	0.819678
3	2	71.5	18	1905.0	-	1.763042
4	1	56.7	11	-	-	2.856207
5	1	87.1	15	-	-	3.673054
6	1	81.4	17	-	-	4.046525
7	1	52.7	14	-	-	5.047820
8	2	60.6	18	1916.0	-	5.779093
9	2	54.5	18	1838.0	-	6.170912
10	2	51.7	10	1304.0	-	7.158671
11	1	54.5	10	-	-	7.648323
12	3	75.5	15	1990.0	1276.0	8.618968
13	2	97.4	18	1366.0	-	9.652320
14	2	85.0	6	1260.0	-	9.979160
15	2	54.5	15	1738.0	-	10.723047
16	2	68.3	9	1174.0	-	11.838619

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	1	76.8	8	-	-	0.542451
2	2	62.8	9	1925.0	-	1.237405
3	3	71.5	12	1271.0	1346.0	2.361384
4	1	62.5	14	-	-	2.692127
5	3	64.2	10	1468.0	1401.0	3.351045
6	3	86.0	14	1719.0	1334.0	4.491052
7	3	98.8	17	1814.0	1052.0	5.573652
8	2	60.3	12	1045.0	-	6.090635
9	2	75.5	17	1915.0	-	6.583730
10	1	57.2	15	-	-	7.250528
11	1	83.6	6	-	-	8.384171
12	1	74.3	12	-	-	9.007886
13	2	75.9	17	1469.0	-	10.062670
14	2	78.9	13	1827.0	-	10.687269
15	3	66.5	12	1448.0	1189.0	11.595293

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	72.9	13	1831.0	-	0.994218
2	2	64.7	7	1280.0	-	1.381238
3	2	64.9	11	1899.0	-	2.103586
4	3	53.0	19	1582.0	1921.0	3.653896
5	1	56.6	12	-	-	4.506066
6	3	74.0	11	1544.0	1610.0	5.609354
7	3	95.4	20	1183.0	1409.0	6.466709
8	2	97.2	20	1194.0	-	7.297933
9	3	96.3	5	1217.0	1293.0	8.802018
10	3	86.6	11	1780.0	1822.0	9.079879
11	2	52.1	11	1908.0	-	10.132596
12	1	79.0	14	-	-	11.391934

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	53.4	6	1236.0	-	1.001012
2	3	80.0	13	1838.0	1028.0	1.744192
3	3	75.9	8	1098.0	1276.0	2.875578
4	2	71.9	11	1593.0	-	4.971276
5	2	81.4	11	1371.0	-	5.741757
6	2	87.2	12	1526.0	-	7.147297
7	3	68.4	10	1113.0	1174.0	8.800257
8	2	73.8	12	1182.0	-	10.288113
9	1	63.5	20	-	-	11.083456

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	88.0	13	1973.0	-	1.241315
2	2	75.4	11	1433.0	-	2.331563
3	2	91.8	16	1145.0	-	3.377775
4	2	64.5	10	1176.0	-	4.846703
5	2	98.1	12	1690.0	-	5.954584
6	2	77.0	10	1103.0	-	7.273974
7	2	61.2	5	1134.0	-	8.430981
8	2	52.3	7	1821.0	-	9.625136
9	1	56.1	9	-	-	11.586842

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	2	81.8	7	1354.0	-	0.302624
2	1	79.9	13	-	-	1.203119
3	2	64.3	14	1593.0	-	2.027064
4	2	76.8	12	1570.0	-	3.247842
5	3	50.8	14	1591.0	1097.0	3.599058
6	3	52.9	8	1704.0	1765.0	4.822172
7	1	59.0	20	-	-	5.869789
8	2	64.9	20	1459.0	-	6.384738
9	3	61.0	7	1022.0	1128.0	6.897524
10	3	96.8	12	1749.0	1482.0	7.716561
11	2	98.4	14	1142.0	-	9.242282
12	2	78.4	15	1535.0	-	9.488819
13	3	81.8	7	1634.0	1600.0	10.936822
14	2	58.5	14	1557.0	-	11.320699

Table 40 - 802.11n 20MHz 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	92.8	16	1629.0	-	0.223650
2	2	78.5	14	1769.0	-	1.518430
3	2	63.0	6	1477.0	-	1.794402
4	2	99.3	12	1756.0	-	3.226609
5	2	92.5	18	1721.0	-	3.998169
6	2	81.4	13	1222.0	-	4.693178
7	1	53.3	10	-	-	5.428715
8	2	53.6	10	1289.0	-	6.420471
9	1	73.2	17	-	-	7.609629
10	1	92.3	12	-	-	8.092995
11	3	70.1	8	1309.0	1478.0	9.140940
12	2	89.3	13	1269.0	-	9.879508
13	2	61.2	19	1155.0	-	10.925901
14	2	65.8	11	1719.0	-	11.729042

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	3	52.7	19	1134.0	1680.0	0.058569
2	1	80.8	8	-	-	1.937820
3	1	86.3	20	-	-	3.058126
4	2	97.4	16	1065.0	-	3.608581
5	2	88.6	7	1614.0	-	5.162933
6	1	89.4	6	-	-	6.372820
7	3	89.8	12	1198.0	1653.0	7.355245
8	2	57.2	11	1881.0	-	8.605848
9	1	80.8	8	-	-	10.264487
10	2	58.4	8	1557.0	-	11.168305

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	2	50.7	15	1038.0	-	0.224331
2	1	87.0	16	-	-	0.996946
3	2	70.3	19	1849.0	-	1.538416
4	2	86.4	11	1473.0	-	2.788020
5	1	63.9	14	-	-	3.277377
6	1	99.9	18	-	-	4.016155
7	2	98.3	9	1985.0	-	4.664936
8	2	92.2	13	1833.0	-	5.043081
9	2	85.4	20	1591.0	-	5.717935
10	3	95.3	7	1492.0	1237.0	6.982329
11	2	73.0	14	1988.0	-	7.206053
12	3	79.5	11	1419.0	1025.0	8.459627
13	3	78.0	17	1164.0	1046.0	8.860019
14	2	55.8	7	1604.0	-	9.759324
15	1	53.9	5	-	-	10.425883
16	3	81.4	20	1282.0	1503.0	10.602014
17	1	50.0	14	-	-	11.991203

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	3	62.7	20	1630.0	1379.0	0.095103
2	2	77.5	14	1602.0	-	2.305889
3	2	83.0	13	1779.0	-	2.864672
4	2	98.2	6	1359.0	-	4.739886
5	1	63.6	8	-	-	5.077199
6	2	80.0	10	1157.0	-	6.972252
7	2	81.2	8	1470.0	-	8.159294
8	1	54.3	14	-	-	8.862002
9	3	90.7	11	1902.0	1465.0	9.748453
10	1	55.7	8	-	-	11.754539

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	1	83.6	12	-	-	0.636961
2	2	76.3	9	1720.0	-	1.250062
3	2	62.0	10	1892.0	-	2.557848
4	1	82.9	16	-	-	4.001118
5	2	92.9	12	1919.0	-	5.983770
6	3	61.7	13	1066.0	1500.0	6.364094
7	3	63.4	17	1094.0	1991.0	8.088124
8	1	50.6	13	-	-	9.245461
9	3	53.5	19	1821.0	1445.0	10.014444
10	1	55.5	14	-	-	10.923091

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	5510.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	No	5495.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5525.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5525.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5525.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5515.0MHz, -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	28	1.7	161.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	24	2.3	213.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	27	3.8	214.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	24	2.5	182.0	No	5495.0MHz, -63.0dBm	Single burst
5	28	2.7	183.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	28	4.3	192.0	No	5520.0MHz, -63.0dBm	Single burst
7	23	5.0	152.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	25	2.9	218.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	26	2.0	209.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	27	4.3	171.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	28	2.7	192.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	25	1.8	201.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	27	3.1	203.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	27	1.8	177.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	23	2.3	228.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	26	1.4	201.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	25	4.3	158.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	27	1.9	169.0	Yes	5495.0MHz, -63.0dBm	Single burst
19	26	2.5	154.0	Yes	5525.0MHz, -63.0dBm	Single burst
20	26	1.2	172.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	28	2.5	196.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	28	3.7	169.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	23	4.6	187.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	29	3.5	197.0	No	5500.0MHz, -63.0dBm	Single burst
25	29	1.3	161.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	23	4.0	174.0	Yes	5525.0MHz, -63.0dBm	Single burst
27	28	2.0	212.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	23	3.9	188.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	26	4.7	214.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	28	2.9	203.0	Yes	5505.0MHz, -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	18	6.4	237.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	17	8.1	215.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	17	7.6	337.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	16	6.4	234.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	17	9.2	447.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	17	8.9	279.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	17	6.5	437.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	17	8.4	338.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	17	8.5	235.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	16	6.1	455.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	17	7.2	391.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	18	8.2	319.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	17	8.0	476.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	16	6.2	445.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	16	8.2	432.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	18	7.0	423.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	17	10.0	277.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	17	7.5	417.0	Yes	5495.0MHz, -63.0dBm	Single burst
19	17	6.9	264.0	Yes	5525.0MHz, -63.0dBm	Single burst
20	17	6.3	205.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	18	8.2	316.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	17	8.8	356.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	17	7.6	368.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	16	6.0	212.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	17	7.8	235.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	18	6.2	248.0	Yes	5525.0MHz, -63.0dBm	Single burst
27	18	7.3	234.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	18	10.0	472.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	17	9.1	323.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	17	9.8	271.0	Yes	5505.0MHz, -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	16	13.9	362.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	13	14.6	302.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	16	18.5	294.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	15	18.5	225.0	No	5495.0MHz, -63.0dBm	Single burst
5	14	12.8	366.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	13	12.7	312.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	16	14.3	342.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	13	11.9	206.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	13	16.7	445.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	13	14.4	247.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	15	17.3	220.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	15	13.5	207.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	15	15.5	237.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	15	16.1	414.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	16	18.2	213.0	No	5510.0MHz, -63.0dBm	Single burst
16	16	11.6	320.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	13	13.3	464.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	15	13.5	331.0	No	5495.0MHz, -63.0dBm	Single burst
19	16	19.0	487.0	No	5525.0MHz, -63.0dBm	Single burst
20	14	12.2	349.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	14	18.2	441.0	No	5515.0MHz, -63.0dBm	Single burst
22	15	16.2	469.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	15	16.5	277.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	16	15.7	463.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	15	16.3	283.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	16	18.2	444.0	No	5525.0MHz, -63.0dBm	Single burst
27	13	15.4	305.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	14	11.3	496.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	16	13.3	221.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	14	12.5	274.0	Yes	5505.0MHz, -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	5528.0MHz, -63.0dBm	Hop sequence: 5394, 5510, 5292, 5706, 5417, 5586, 5621, 5516, 5275, 5334, 5471, 5517, 5355, 5426, 5704, 5474, 5427, 5722, 5724, 5388, 5280, 5605, 5432, 5692, 5437, 5418, 5644, 5705, 5391, 5620, 5484, 5319, 5424, 5333, 5352, 5351, 5626, 5635, 5401, 5467, 5449, 5356, 5329, 5675, 5485, 5439, 5295, 5430, 5286, 5371, 5550, 5310, 5688, 5716, 5288, 5525, 5342, 5623, 5700, 5543, 5637, 5422, 5260, 5548, 5604, 5483, 5678, 5578, 5385, 5323, 5380, 5336, 5599, 5361, 5628, 5674, 5535, 5320, 5551, 5652, 5416, 5346, 5476, 5611, 5594, 5359, 5282, 5545, 5608, 5558, 5610, 5515, 5442, 5253, 5633, 5606, 5488, 5693, 5464, 5459 (5 hits) (09/06/2011 07:16:20 PM)
2	9	1.0	333.0	Yes	5529.0MHz, -63.0dBm	Hop sequence: 5432, 5607, 5576, 5663, 5445, 5397, 5373, 5293, 5392, 5570, 5671, 5514, 5348, 5298, 5573, 5614, 5691, 5377, 5541, 5251, 5569, 5600, 5334, 5593, 5440, 5488, 5644, 5687, 5626, 5596, 5380, 5552, 5441, 5694, 5547, 5639, 5684, 5637, 5499, 5603, 5268, 5463, 5544, 5555, 5297, 5662, 5486, 5712, 5604, 5673, 5553, 5294, 5416, 5404, 5345, 5659, 5708, 5535, 5496, 5275, 5513, 5509, 5664, 5302, 5724, 5431, 5433, 5291, 5657, 5461, 5522, 5702, 5711, 5567, 5640, 5515, 5716, 5582, 5325, 5449, 5335, 5412, 5321, 5498, 5253, 5322, 5529, 5532, 5615, 5443, 5427, 5610, 5631, 5719, 5701, 5379, 5655, 5320, 5347, 5292 (9 hits) (09/06/2011 07:21:31 PM)

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
3	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5413, 5374, 5472, 5435, 5353, 5309, 5565, 5601, 5491, 5261, 5596, 5446, 5296, 5700, 5672, 5321, 5576, 5324, 5573, 5470, 5420, 5682, 5616, 5599, 5591, 5513, 5498, 5561, 5711, 5570, 5641, 5386, 5277, 5636, 5640, 5488, 5250, 5535, 5521, 5347, 5306, 5571, 5396, 5523, 5486, 5622, 5458, 5304, 5421, 5467, 5567, 5675, 5609, 5362, 5294, 5595, 5383, 5389, 5674, 5393, 5268, 5257, 5423, 5541, 5509, 5267, 5358, 5512, 5475, 5638, 5696, 5440, 5260, 5408, 5681, 5594, 5469, 5449, 5518, 5522, 5504, 5686, 5464, 5579, 5695, 5430, 5313, 5263, 5459, 5723, 5667, 5282, 5532, 5461, 5623, 5415, 5718, 5583, 5562, 5284 (10 hits) (09/06/2011 07:22:00 PM)
4	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5369, 5413, 5474, 5411, 5323, 5404, 5403, 5378, 5402, 5452, 5460, 5439, 5535, 5512, 5574, 5483, 5721, 5427, 5322, 5315, 5570, 5274, 5590, 5688, 5705, 5379, 5270, 5254, 5440, 5620, 5683, 5650, 5507, 5262, 5382, 5571, 5661, 5638, 5534, 5612, 5380, 5387, 5450, 5331, 5582, 5687, 5635, 5344, 5316, 5375, 5368, 5596, 5494, 5500, 5366, 5272, 5594, 5718, 5420, 5588, 5604, 5517, 5686, 5564, 5601, 5448, 5268, 5696, 5561, 5644, 5251, 5695, 5276, 5361, 5655, 5545, 5485, 5675, 5277, 5471, 5374, 5503, 5583, 5576, 5337, 5662, 5709, 5694, 5255, 5475, 5438, 5295, 5307, 5585, 5429, 5355, 5401, 5422, 5261, 5400 (6 hits) (09/06/2011 07:22:22 PM)
5	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5547, 5340, 5369, 5525, 5689, 5567, 5625, 5371, 5446, 5623, 5561, 5335, 5415, 5410, 5358, 5411, 5479, 5349, 5652, 5395, 5551, 5641, 5635, 5489, 5441, 5450, 5612, 5507, 5264, 5362, 5684, 5589, 5321, 5716, 5492, 5277, 5624, 5614, 5295, 5393, 5613, 5585, 5568, 5427, 5691, 5438, 5688, 5409, 5694, 5628, 5591, 5400, 5302,

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
						5583, 5529, 5617, 5403, 5552, 5721, 5460, 5299, 5377, 5705, 5281, 5685, 5642, 5631, 5301, 5444, 5725, 5253, 5262, 5304, 5421, 5578, 5534, 5676, 5540, 5324, 5505, 5294, 5562, 5338, 5651, 5543, 5292, 5320, 5700, 5656, 5687, 5435, 5587, 5433, 5722, 5491, 5271, 5478, 5266, 5348, 5569 (6 hits) (09/06/2011 07:22:49 PM)
6	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5705, 5374, 5462, 5578, 5254, 5444, 5453, 5474, 5472, 5494, 5429, 5276, 5415, 5310, 5500, 5513, 5603, 5556, 5660, 5369, 5348, 5466, 5590, 5661, 5395, 5515, 5639, 5519, 5411, 5392, 5282, 5632, 5596, 5297, 5530, 5642, 5524, 5477, 5337, 5273, 5499, 5562, 5704, 5574, 5420, 5606, 5514, 5591, 5646, 5650, 5471, 5715, 5327, 5563, 5534, 5263, 5510, 5293, 5285, 5509, 5350, 5626, 5670, 5302, 5552, 5452, 5668, 5572, 5391, 5698, 5385, 5366, 5426, 5455, 5531, 5717, 5301, 5425, 5423, 5419, 5487, 5400, 5654, 5333, 5476, 5683, 5441, 5460, 5432, 5372, 5570, 5345, 5571, 5397, 5619, 5719, 5353, 5545, 5270, 5581 (10 hits) (09/06/2011 07:23:06 PM)
7	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5616, 5667, 5676, 5481, 5536, 5389, 5317, 5527, 5573, 5549, 5692, 5445, 5354, 5604, 5624, 5713, 5368, 5576, 5367, 5665, 5700, 5284, 5318, 5397, 5268, 5453, 5704, 5701, 5371, 5531, 5366, 5407, 5664, 5644, 5537, 5612, 5583, 5427, 5280, 5393, 5450, 5426, 5694, 5715, 5414, 5307, 5434, 5529, 5687, 5309, 5465, 5422, 5697, 5618, 5591, 5556, 5335, 5262, 5364, 5360, 5292, 5561, 5399, 5658, 5383, 5721, 5580, 5677, 5325, 5329, 5662, 5627, 5498, 5515, 5563, 5313, 5278, 5327, 5398, 5631, 5560, 5344, 5659, 5258, 5622, 5497, 5506, 5643, 5380, 5362, 5539, 5353, 5508, 5634, 5571, 5696, 5476, 5283, 5656, 5661 (7 hits) (09/06/2011 07:23:31 PM)

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
8	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5578, 5324, 5692, 5369, 5408, 5484, 5707, 5649, 5321, 5569, 5284, 5329, 5379, 5336, 5375, 5331, 5518, 5524, 5283, 5664, 5348, 5454, 5383, 5509, 5515, 5388, 5415, 5425, 5476, 5397, 5592, 5404, 5549, 5295, 5320, 5653, 5479, 5298, 5542, 5287, 5299, 5618, 5723, 5601, 5533, 5660, 5683, 5340, 5472, 5253, 5341, 5519, 5296, 5412, 5528, 5552, 5293, 5499, 5458, 5709, 5571, 5345, 5658, 5481, 5391, 5690, 5275, 5335, 5363, 5535, 5347, 5577, 5559, 5431, 5580, 5711, 5663, 5258, 5306, 5387, 5503, 5265, 5497, 5629, 5551, 5637, 5480, 5396, 5435, 5517, 5255, 5554, 5652, 5659, 5595, 5724, 5572, 5670, 5645, 5714 (10 hits) (09/06/2011 07:24:03 PM)
9	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5544, 5404, 5718, 5413, 5550, 5574, 5393, 5415, 5566, 5434, 5654, 5570, 5563, 5330, 5368, 5451, 5498, 5712, 5484, 5571, 5517, 5721, 5513, 5270, 5529, 5641, 5505, 5673, 5406, 5682, 5597, 5458, 5542, 5677, 5467, 5668, 5722, 5672, 5656, 5396, 5366, 5536, 5296, 5567, 5638, 5589, 5697, 5332, 5709, 5336, 5309, 5605, 5389, 5507, 5555, 5500, 5470, 5351, 5506, 5671, 5627, 5294, 5576, 5273, 5499, 5272, 5426, 5485, 5565, 5482, 5414, 5724, 5302, 5416, 5479, 5531, 5530, 5323, 5717, 5540, 5522, 5568, 5346, 5594, 5708, 5609, 5577, 5538, 5394, 5714, 5297, 5691, 5327, 5525, 5254, 5610, 5572, 5463, 5274, 5474 (11 hits) (09/06/2011 07:25:39 PM)
10	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5710, 5482, 5446, 5323, 5475, 5409, 5471, 5321, 5294, 5586, 5413, 5550, 5643, 5503, 5508, 5282, 5279, 5494, 5495, 5659, 5498, 5712, 5281, 5687, 5320, 5665, 5411, 5257, 5556, 5579, 5570, 5611, 5518, 5425, 5283, 5452, 5571, 5699, 5640, 5414, 5701, 5331, 5528, 5692, 5474, 5431, 5420, 5627, 5636, 5305, 5368, 5652, 5301,

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
						5427, 5661, 5428, 5405, 5642, 5370, 5717, 5289, 5588, 5691, 5546, 5467, 5313, 5461, 5572, 5481, 5380, 5539, 5314, 5565, 5677, 5404, 5694, 5633, 5479, 5567, 5603, 5666, 5527, 5657, 5489, 5568, 5251, 5263, 5458, 5658, 5502, 5275, 5702, 5462, 5532, 5259, 5538, 5653, 5302, 5647, 5557 (9 hits) (09/06/2011 07:26:00 PM)
11	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5526, 5436, 5435, 5389, 5454, 5438, 5557, 5567, 5414, 5460, 5585, 5304, 5586, 5530, 5704, 5485, 5606, 5492, 5458, 5511, 5502, 5579, 5658, 5510, 5296, 5657, 5374, 5620, 5324, 5369, 5362, 5275, 5462, 5306, 5396, 5655, 5473, 5430, 5677, 5682, 5263, 5463, 5252, 5555, 5429, 5331, 5653, 5554, 5388, 5564, 5309, 5277, 5712, 5273, 5604, 5626, 5290, 5423, 5334, 5688, 5465, 5404, 5398, 5284, 5322, 5637, 5468, 5611, 5289, 5466, 5375, 5260, 5452, 5281, 5724, 5646, 5569, 5609, 5517, 5648, 5461, 5635, 5681, 5333, 5276, 5354, 5445, 5605, 5612, 5500, 5335, 5516, 5407, 5486, 5597, 5531, 5489, 5580, 5536, 5527 (9 hits) (09/06/2011 07:29:47 PM)
12	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5720, 5514, 5653, 5476, 5436, 5726, 5414, 5376, 5329, 5294, 5525, 5505, 5657, 5569, 5390, 5388, 5455, 5694, 5365, 5640, 5404, 5556, 5354, 5482, 5485, 5612, 5651, 5575, 5553, 5587, 5698, 5267, 5459, 5488, 5578, 5557, 5704, 5442, 5510, 5474, 5327, 5377, 5392, 5297, 5353, 5299, 5540, 5631, 5546, 5271, 5518, 5395, 5602, 5494, 5533, 5705, 5609, 5380, 5437, 5346, 5428, 5610, 5303, 5498, 5534, 5599, 5439, 5590, 5702, 5690, 5475, 5462, 5549, 5647, 5692, 5715, 5496, 5718, 5426, 5292, 5333, 5675, 5310, 5407, 5293, 5484, 5466, 5291, 5566, 5322, 5604, 5606, 5344, 5375, 5336, 5607, 5522, 5360, 5656, 5386 (9 hits) (09/06/2011 07:31:47 PM)

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
13	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5551, 5610, 5718, 5612, 5325, 5251, 5592, 5414, 5607, 5265, 5469, 5350, 5600, 5475, 5317, 5379, 5419, 5601, 5576, 5688, 5529, 5522, 5605, 5316, 5298, 5687, 5266, 5549, 5539, 5616, 5474, 5566, 5457, 5524, 5497, 5411, 5542, 5675, 5512, 5581, 5671, 5412, 5563, 5620, 5665, 5320, 5458, 5577, 5282, 5384, 5536, 5356, 5672, 5330, 5561, 5428, 5466, 5354, 5685, 5509, 5435, 5261, 5378, 5492, 5487, 5596, 5635, 5554, 5502, 5299, 5421, 5463, 5571, 5391, 5630, 5503, 5669, 5711, 5716, 5555, 5508, 5280, 5409, 5267, 5336, 5256, 5328, 5319, 5506, 5650, 5559, 5545, 5481, 5515, 5723, 5519, 5383, 5692, 5575, 5595 (13 hits) (09/06/2011 07:32:18 PM)
14	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5331, 5374, 5280, 5478, 5382, 5604, 5272, 5390, 5365, 5308, 5697, 5682, 5619, 5295, 5363, 5617, 5302, 5587, 5486, 5545, 5583, 5335, 5285, 5436, 5276, 5307, 5403, 5460, 5457, 5358, 5564, 5551, 5264, 5281, 5289, 5329, 5533, 5511, 5518, 5652, 5291, 5345, 5360, 5714, 5705, 5602, 5348, 5319, 5522, 5700, 5687, 5344, 5254, 5405, 5352, 5713, 5701, 5429, 5693, 5504, 5568, 5402, 5500, 5318, 5506, 5549, 5349, 5357, 5441, 5723, 5718, 5669, 5485, 5721, 5304, 5346, 5356, 5271, 5528, 5330, 5277, 5256, 5671, 5631, 5547, 5540, 5368, 5628, 5375, 5428, 5594, 5632, 5502, 5589, 5476, 5541, 5320, 5297, 5397, 5608 (8 hits) (09/06/2011 07:35:11 PM)
15	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5614, 5305, 5599, 5432, 5299, 5391, 5536, 5571, 5533, 5631, 5351, 5505, 5271, 5334, 5333, 5480, 5430, 5474, 5515, 5501, 5320, 5296, 5530, 5424, 5475, 5295, 5294, 5401, 5364, 5595, 5261, 5529, 5651, 5448, 5489, 5421, 5265, 5531, 5373, 5412, 5477, 5684, 5258, 5324, 5400, 5263, 5260, 5470, 5678, 5696, 5354, 5350, 5325,

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
						5630, 5468, 5387, 5268, 5386, 5345, 5346, 5629, 5553, 5627, 5644, 5534, 5306, 5297, 5331, 5426, 5465, 5409, 5280, 5390, 5257, 5548, 5396, 5267, 5451, 5642, 5443, 5694, 5700, 5603, 5365, 5680, 5415, 5362, 5702, 5721, 5714, 5618, 5520, 5279, 5724, 5709, 5497, 5303, 5574, 5582, 5410 (6 hits) (09/06/2011 07:36:04 PM)
16	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5619, 5325, 5599, 5313, 5497, 5693, 5369, 5572, 5521, 5523, 5484, 5321, 5283, 5688, 5587, 5694, 5577, 5292, 5480, 5558, 5304, 5345, 5444, 5433, 5708, 5496, 5474, 5289, 5254, 5404, 5612, 5676, 5653, 5429, 5355, 5284, 5616, 5603, 5516, 5547, 5630, 5585, 5453, 5388, 5702, 5416, 5530, 5460, 5710, 5263, 5562, 5615, 5297, 5282, 5672, 5310, 5488, 5589, 5670, 5425, 5400, 5368, 5659, 5411, 5384, 5396, 5320, 5557, 5657, 5385, 5651, 5329, 5597, 5635, 5626, 5287, 5695, 5469, 5641, 5564, 5532, 5571, 5544, 5334, 5450, 5350, 5569, 5601, 5361, 5539, 5608, 5267, 5560, 5647, 5686, 5485, 5268, 5307, 5525, 5707 (6 hits) (09/06/2011 07:36:48 PM)
17	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5669, 5253, 5332, 5435, 5293, 5678, 5627, 5698, 5263, 5374, 5647, 5587, 5291, 5481, 5358, 5351, 5450, 5710, 5434, 5718, 5686, 5525, 5252, 5355, 5719, 5442, 5679, 5320, 5285, 5691, 5361, 5618, 5452, 5574, 5495, 5268, 5516, 5550, 5600, 5492, 5714, 5639, 5390, 5424, 5712, 5599, 5666, 5270, 5259, 5505, 5393, 5508, 5297, 5507, 5343, 5567, 5543, 5557, 5723, 5706, 5547, 5648, 5532, 5318, 5517, 5339, 5347, 5606, 5510, 5631, 5626, 5255, 5322, 5438, 5500, 5461, 5597, 5595, 5623, 5530, 5265, 5670, 5456, 5269, 5462, 5487, 5572, 5451, 5308, 5321, 5356, 5603, 5403, 5331, 5695, 5682, 5609, 5371, 5389, 5479 (10 hits) (09/06/2011 07:37:28 PM)

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
18	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5266, 5616, 5639, 5695, 5712, 5453, 5466, 5447, 5538, 5437, 5678, 5433, 5295, 5320, 5312, 5304, 5454, 5427, 5618, 5452, 5637, 5675, 5463, 5321, 5316, 5498, 5385, 5283, 5556, 5392, 5298, 5256, 5481, 5543, 5600, 5351, 5625, 5685, 5329, 5462, 5589, 5477, 5721, 5281, 5656, 5294, 5325, 5642, 5434, 5647, 5459, 5421, 5514, 5651, 5644, 5653, 5694, 5262, 5400, 5303, 5443, 5438, 5508, 5577, 5700, 5661, 5528, 5671, 5299, 5346, 5350, 5499, 5605, 5568, 5693, 5530, 5277, 5254, 5628, 5627, 5485, 5550, 5364, 5710, 5446, 5615, 5623, 5319, 5371, 5311, 5686, 5440, 5567, 5590, 5648, 5336, 5510, 5555, 5349, 5621 (6 hits) (09/06/2011 07:38:21 PM)
19	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5670, 5724, 5306, 5726, 5338, 5373, 5450, 5448, 5402, 5666, 5488, 5399, 5362, 5460, 5409, 5679, 5634, 5595, 5396, 5538, 5526, 5523, 5672, 5568, 5569, 5717, 5543, 5342, 5574, 5500, 5372, 5436, 5686, 5449, 5624, 5704, 5407, 5281, 5703, 5311, 5429, 5435, 5600, 5707, 5631, 5540, 5363, 5533, 5421, 5629, 5405, 5605, 5327, 5560, 5348, 5641, 5300, 5393, 5472, 5649, 5562, 5340, 5258, 5710, 5471, 5326, 5365, 5489, 5403, 5504, 5425, 5603, 5381, 5688, 5535, 5366, 5458, 5351, 5583, 5456, 5391, 5663, 5570, 5606, 5694, 5441, 5442, 5588, 5635, 5364, 5486, 5503, 5536, 5439, 5527, 5577, 5522, 5529, 5678, 5651 (8 hits) (09/06/2011 07:39:15 PM)
20	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5491, 5669, 5275, 5634, 5678, 5563, 5684, 5517, 5288, 5479, 5570, 5308, 5404, 5327, 5353, 5456, 5255, 5521, 5557, 5641, 5400, 5415, 5290, 5388, 5609, 5515, 5632, 5716, 5719, 5277, 5463, 5436, 5385, 5273, 5365, 5258, 5423, 5590, 5714, 5351, 5425, 5409, 5717, 5424, 5689, 5458, 5648, 5651, 5539, 5581, 5461, 5524, 5724,

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
						5401, 5638, 5382, 5666, 5660, 5435, 5554, 5367, 5315, 5487, 5268, 5478, 5386, 5464, 5319, 5582, 5490, 5341, 5525, 5687, 5644, 5643, 5645, 5619, 5703, 5366, 5564, 5426, 5328, 5271, 5606, 5283, 5605, 5553, 5712, 5376, 5556, 5713, 5691, 5602, 5347, 5470, 5592, 5532, 5574, 5352, 5658 (6 hits) (09/06/2011 07:42:17 PM)
21	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5401, 5690, 5528, 5407, 5617, 5475, 5255, 5358, 5710, 5397, 5698, 5324, 5303, 5676, 5445, 5692, 5599, 5370, 5459, 5678, 5383, 5536, 5435, 5579, 5285, 5293, 5278, 5385, 5449, 5418, 5691, 5706, 5523, 5273, 5351, 5396, 5522, 5721, 5549, 5504, 5609, 5584, 5354, 5511, 5612, 5433, 5714, 5463, 5325, 5588, 5381, 5538, 5515, 5373, 5701, 5516, 5406, 5720, 5254, 5574, 5294, 5724, 5582, 5388, 5531, 5263, 5304, 5347, 5456, 5481, 5695, 5597, 5423, 5314, 5367, 5348, 5647, 5616, 5500, 5490, 5524, 5461, 5611, 5555, 5578, 5554, 5408, 5565, 5595, 5542, 5411, 5391, 5342, 5709, 5271, 5427, 5558, 5473, 5550, 5378 (9 hits) (09/06/2011 07:42:42 PM)
22	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5294, 5572, 5320, 5546, 5393, 5462, 5525, 5645, 5411, 5683, 5321, 5686, 5637, 5295, 5271, 5667, 5395, 5369, 5315, 5541, 5334, 5700, 5347, 5387, 5631, 5617, 5365, 5480, 5418, 5690, 5594, 5416, 5285, 5375, 5721, 5264, 5616, 5413, 5540, 5390, 5706, 5252, 5475, 5392, 5658, 5293, 5307, 5407, 5630, 5269, 5555, 5414, 5494, 5502, 5364, 5257, 5402, 5713, 5368, 5383, 5323, 5714, 5379, 5283, 5385, 5441, 5338, 5724, 5326, 5476, 5503, 5451, 5611, 5498, 5303, 5610, 5314, 5684, 5579, 5591, 5505, 5655, 5273, 5351, 5608, 5577, 5675, 5513, 5448, 5348, 5436, 5463, 5479, 5429, 5531, 5254, 5715, 5277, 5467, 5643 (7 hits) (09/06/2011 07:44:14 PM)

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
23	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5541, 5477, 5516, 5546, 5687, 5301, 5565, 5683, 5670, 5553, 5416, 5580, 5590, 5427, 5458, 5391, 5412, 5724, 5459, 5509, 5258, 5722, 5572, 5535, 5455, 5340, 5264, 5663, 5543, 5575, 5255, 5404, 5266, 5251, 5279, 5397, 5582, 5707, 5589, 5662, 5406, 5614, 5595, 5481, 5660, 5638, 5677, 5346, 5514, 5700, 5617, 5289, 5411, 5263, 5611, 5641, 5636, 5366, 5623, 5367, 5659, 5332, 5552, 5686, 5621, 5388, 5538, 5357, 5297, 5426, 5542, 5454, 5642, 5295, 5629, 5610, 5693, 5652, 5379, 5314, 5721, 5365, 5348, 5661, 5681, 5668, 5358, 5706, 5298, 5354, 5622, 5490, 5307, 5355, 5386, 5508, 5602, 5689, 5396, 5432 (4 hits) (09/06/2011 07:45:08 PM)
24	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5700, 5625, 5480, 5501, 5511, 5267, 5371, 5525, 5286, 5364, 5697, 5586, 5359, 5494, 5636, 5310, 5282, 5618, 5463, 5629, 5613, 5415, 5276, 5640, 5442, 5713, 5414, 5268, 5500, 5412, 5631, 5360, 5627, 5537, 5698, 5452, 5660, 5257, 5403, 5664, 5410, 5546, 5657, 5324, 5400, 5441, 5263, 5526, 5489, 5650, 5344, 5688, 5516, 5362, 5370, 5576, 5659, 5335, 5392, 5600, 5422, 5483, 5434, 5499, 5619, 5672, 5383, 5476, 5554, 5340, 5504, 5253, 5366, 5653, 5307, 5418, 5502, 5299, 5256, 5604, 5261, 5532, 5547, 5339, 5448, 5523, 5535, 5533, 5333, 5466, 5616, 5269, 5691, 5431, 5548, 5668, 5353, 5578, 5646, 5678 (11 hits) (09/06/2011 07:45:42 PM)
25	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5496, 5521, 5646, 5516, 5691, 5329, 5699, 5356, 5325, 5517, 5559, 5585, 5606, 5468, 5566, 5572, 5381, 5684, 5357, 5319, 5501, 5268, 5613, 5625, 5618, 5525, 5420, 5645, 5617, 5487, 5430, 5270, 5483, 5632, 5554, 5603, 5682, 5340, 5588, 5536, 5642, 5433, 5630, 5493, 5359, 5594, 5716, 5512, 5257, 5526, 5384, 5673, 5660,

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
						5459, 5573, 5631, 5336, 5693, 5350, 5266, 5539, 5453, 5412, 5705, 5640, 5284, 5272, 5278, 5320, 5527, 5568, 5429, 5562, 5647, 5473, 5602, 5457, 5514, 5264, 5580, 5273, 5260, 5440, 5604, 5363, 5552, 5553, 5446, 5281, 5341, 5619, 5392, 5694, 5267, 5398, 5537, 5610, 5620, 5447, 5436 (11 hits) (09/06/2011 07:47:23 PM)
26	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5331, 5694, 5255, 5486, 5709, 5529, 5375, 5438, 5510, 5674, 5668, 5252, 5671, 5561, 5260, 5300, 5616, 5468, 5524, 5356, 5435, 5620, 5462, 5571, 5512, 5516, 5472, 5449, 5389, 5721, 5662, 5257, 5397, 5625, 5342, 5411, 5424, 5357, 5359, 5645, 5347, 5680, 5599, 5497, 5567, 5579, 5439, 5669, 5360, 5250, 5511, 5354, 5574, 5293, 5374, 5350, 5474, 5280, 5309, 5408, 5540, 5407, 5377, 5577, 5691, 5518, 5712, 5345, 5644, 5664, 5585, 5618, 5703, 5558, 5302, 5355, 5503, 5287, 5621, 5715, 5584, 5419, 5498, 5545, 5405, 5370, 5569, 5301, 5330, 5693, 5661, 5720, 5367, 5500, 5251, 5348, 5368, 5608, 5380, 5611 (11 hits) (09/06/2011 07:48:14 PM)
27	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5511, 5284, 5333, 5436, 5626, 5381, 5641, 5407, 5400, 5442, 5516, 5593, 5560, 5673, 5453, 5647, 5456, 5720, 5564, 5472, 5531, 5694, 5450, 5428, 5609, 5538, 5470, 5386, 5288, 5411, 5342, 5682, 5550, 5627, 5377, 5373, 5337, 5370, 5559, 5474, 5695, 5548, 5603, 5615, 5359, 5709, 5363, 5614, 5330, 5355, 5466, 5488, 5681, 5360, 5701, 5502, 5354, 5405, 5311, 5465, 5326, 5338, 5451, 5719, 5685, 5530, 5409, 5642, 5437, 5567, 5280, 5287, 5527, 5543, 5555, 5494, 5251, 5621, 5471, 5323, 5628, 5680, 5556, 5537, 5582, 5586, 5279, 5282, 5263, 5293, 5501, 5705, 5463, 5350, 5651, 5492, 5415, 5698, 5650, 5653 (7 hits) (09/06/2011 07:48:36 PM)

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
28	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5613, 5475, 5616, 5655, 5491, 5374, 5340, 5262, 5263, 5400, 5270, 5605, 5458, 5294, 5325, 5483, 5621, 5595, 5285, 5349, 5413, 5574, 5256, 5485, 5658, 5640, 5548, 5355, 5534, 5288, 5644, 5589, 5626, 5401, 5421, 5619, 5545, 5348, 5611, 5660, 5657, 5618, 5457, 5387, 5278, 5515, 5442, 5646, 5684, 5266, 5351, 5630, 5620, 5265, 5384, 5315, 5350, 5570, 5624, 5701, 5656, 5698, 5335, 5585, 5365, 5359, 5357, 5311, 5587, 5470, 5614, 5516, 5659, 5607, 5488, 5362, 5286, 5476, 5465, 5520, 5601, 5436, 5551, 5539, 5381, 5331, 5584, 5314, 5482, 5653, 5449, 5576, 5407, 5396, 5536, 5554, 5429, 5715, 5681, 5376 (4 hits) (09/06/2011 07:49:56 PM)
29	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5309, 5579, 5430, 5398, 5651, 5573, 5458, 5594, 5434, 5264, 5608, 5287, 5656, 5318, 5396, 5440, 5256, 5448, 5308, 5449, 5666, 5502, 5539, 5380, 5324, 5310, 5332, 5647, 5400, 5409, 5507, 5377, 5463, 5340, 5442, 5473, 5619, 5331, 5554, 5629, 5370, 5414, 5505, 5378, 5630, 5621, 5488, 5529, 5518, 5354, 5642, 5384, 5411, 5490, 5417, 5522, 5568, 5670, 5654, 5387, 5501, 5659, 5644, 5605, 5311, 5492, 5553, 5303, 5610, 5466, 5550, 5620, 5664, 5355, 5421, 5460, 5622, 5510, 5479, 5701, 5600, 5538, 5714, 5586, 5704, 5436, 5482, 5298, 5372, 5472, 5528, 5717, 5723, 5428, 5312, 5572, 5577, 5339, 5467, 5671 (10 hits) (09/06/2011 07:51:32 PM)
30	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5581, 5288, 5714, 5520, 5531, 5649, 5508, 5670, 5560, 5715, 5652, 5308, 5655, 5562, 5616, 5631, 5391, 5258, 5466, 5449, 5575, 5311, 5499, 5725, 5380, 5465, 5479, 5659, 5497, 5672, 5491, 5678, 5328, 5255, 5304, 5270, 5283, 5410, 5397, 5429, 5643, 5546, 5310, 5448, 5688, 5699, 5396, 5679, 5426, 5512, 5294, 5674, 5403,

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
						5384, 5293, 5438, 5369, 5687, 5511, 5444, 5492, 5341, 5628, 5427, 5332, 5446, 5433, 5321, 5630, 5411, 5555, 5669, 5319, 5279, 5671, 5665, 5260, 5323, 5701, 5473, 5567, 5666, 5641, 5395, 5588, 5364, 5266, 5477, 5552, 5658, 5381, 5657, 5300, 5571, 5553, 5532, 5462, 5271, 5315, 5441 (8 hits) (09/06/2011 07:53:06 PM)
31	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5302, 5389, 5613, 5540, 5265, 5706, 5394, 5570, 5680, 5450, 5283, 5467, 5603, 5307, 5704, 5654, 5380, 5310, 5694, 5527, 5364, 5275, 5608, 5359, 5681, 5407, 5358, 5677, 5685, 5415, 5524, 5485, 5441, 5444, 5671, 5517, 5495, 5560, 5539, 5530, 5392, 5548, 5296, 5345, 5693, 5362, 5428, 5377, 5391, 5385, 5326, 5363, 5280, 5672, 5373, 5349, 5678, 5477, 5290, 5344, 5531, 5457, 5293, 5713, 5274, 5594, 5463, 5550, 5668, 5657, 5288, 5468, 5725, 5437, 5644, 5376, 5346, 5655, 5635, 5670, 5383, 5598, 5435, 5508, 5399, 5511, 5723, 5513, 5333, 5552, 5397, 5533, 5378, 5368, 5318, 5682, 5375, 5661, 5487, 5596 (7 hits) (09/07/2011 04:08:45 PM)
32	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5684, 5675, 5524, 5489, 5640, 5270, 5696, 5436, 5547, 5708, 5498, 5601, 5542, 5395, 5338, 5540, 5646, 5289, 5381, 5723, 5393, 5689, 5643, 5678, 5331, 5459, 5628, 5424, 5455, 5472, 5319, 5526, 5406, 5326, 5653, 5447, 5304, 5618, 5530, 5442, 5670, 5725, 5625, 5252, 5418, 5392, 5637, 5578, 5385, 5722, 5701, 5591, 5329, 5314, 5337, 5598, 5698, 5265, 5553, 5679, 5250, 5344, 5300, 5275, 5373, 5677, 5663, 5253, 5398, 5557, 5582, 5396, 5463, 5634, 5408, 5263, 5672, 5570, 5268, 5284, 5539, 5327, 5548, 5376, 5497, 5717, 5308, 5515, 5267, 5710, 5468, 5690, 5360, 5269, 5273, 5590, 5256, 5259, 5335, 5681 (5 hits) (09/07/2011 04:09:14 PM)

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
33	9	1.0	333.0	Yes	5521.0MHz, -63.0dBm	Hop sequence: 5362, 5566, 5534, 5648, 5709, 5596, 5301, 5692, 5274, 5411, 5251, 5336, 5276, 5574, 5481, 5473, 5569, 5545, 5662, 5420, 5265, 5391, 5586, 5517, 5698, 5678, 5724, 5386, 5674, 5697, 5581, 5275, 5434, 5435, 5291, 5459, 5635, 5458, 5279, 5653, 5421, 5469, 5680, 5443, 5633, 5326, 5431, 5686, 5348, 5299, 5272, 5366, 5470, 5478, 5539, 5585, 5660, 5388, 5567, 5335, 5468, 5715, 5372, 5605, 5404, 5516, 5691, 5591, 5328, 5342, 5676, 5432, 5526, 5621, 5559, 5658, 5343, 5347, 5615, 5352, 5677, 5367, 5588, 5308, 5703, 5341, 5500, 5650, 5334, 5565, 5657, 5263, 5704, 5365, 5511, 5417, 5626, 5722, 5296, 5323 (5 hits) (09/07/2011 04:10:08 PM)
34	9	1.0	333.0	Yes	5522.0MHz, -63.0dBm	Hop sequence: 5312, 5682, 5723, 5662, 5454, 5511, 5482, 5403, 5306, 5451, 5476, 5563, 5480, 5656, 5469, 5320, 5333, 5697, 5531, 5572, 5404, 5345, 5589, 5606, 5571, 5473, 5426, 5658, 5539, 5373, 5501, 5417, 5321, 5666, 5725, 5369, 5677, 5308, 5493, 5689, 5508, 5530, 5418, 5313, 5536, 5332, 5293, 5603, 5287, 5585, 5466, 5535, 5719, 5336, 5324, 5608, 5561, 5667, 5688, 5424, 5267, 5640, 5262, 5362, 5517, 5574, 5569, 5660, 5706, 5498, 5317, 5669, 5673, 5628, 5510, 5631, 5711, 5412, 5427, 5605, 5541, 5526, 5651, 5695, 5690, 5352, 5522, 5593, 5644, 5627, 5546, 5335, 5506, 5679, 5437, 5448, 5433, 5680, 5478, 5551 (10 hits) (09/07/2011 04:10:46 PM)
35	9	1.0	333.0	Yes	5523.0MHz, -63.0dBm	Hop sequence: 5711, 5657, 5361, 5448, 5499, 5649, 5337, 5641, 5555, 5488, 5256, 5367, 5638, 5377, 5365, 5675, 5293, 5692, 5704, 5418, 5600, 5260, 5547, 5430, 5272, 5373, 5456, 5439, 5502, 5336, 5521, 5535, 5281, 5694, 5617, 5491, 5345, 5563, 5507, 5340, 5263, 5703, 5354, 5594, 5598, 5559, 5315, 5352, 5623, 5479, 5634, 5275, 5328,

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
						5301, 5655, 5446, 5291, 5271, 5317, 5457, 5329, 5304, 5722, 5560, 5583, 5348, 5702, 5672, 5265, 5451, 5584, 5486, 5571, 5471, 5699, 5319, 5666, 5386, 5575, 5394, 5696, 5678, 5633, 5424, 5597, 5406, 5724, 5325, 5278, 5466, 5684, 5556, 5500, 5532, 5621, 5369, 5452, 5627, 5660, 5562 (5 hits) (09/07/2011 04:11:29 PM)
36	9	1.0	333.0	Yes	5524.0MHz, -63.0dBm	Hop sequence: 5494, 5310, 5594, 5263, 5432, 5277, 5314, 5668, 5252, 5612, 5519, 5273, 5676, 5375, 5657, 5611, 5292, 5418, 5450, 5440, 5639, 5579, 5572, 5455, 5706, 5682, 5458, 5503, 5488, 5630, 5673, 5585, 5422, 5557, 5300, 5466, 5392, 5622, 5699, 5394, 5707, 5441, 5413, 5586, 5518, 5469, 5620, 5609, 5399, 5366, 5293, 5383, 5626, 5400, 5427, 5634, 5621, 5583, 5456, 5606, 5696, 5378, 5670, 5471, 5287, 5340, 5509, 5333, 5270, 5532, 5693, 5588, 5279, 5651, 5324, 5662, 5698, 5681, 5407, 5358, 5305, 5625, 5312, 5603, 5436, 5376, 5421, 5290, 5659, 5280, 5254, 5420, 5571, 5334, 5598, 5489, 5619, 5451, 5654, 5352 (5 hits) (09/07/2011 04:12:11 PM)
37	9	1.0	333.0	Yes	5525.0MHz, -63.0dBm	Hop sequence: 5721, 5256, 5447, 5424, 5580, 5271, 5404, 5550, 5323, 5652, 5676, 5530, 5582, 5276, 5326, 5486, 5395, 5564, 5430, 5339, 5716, 5606, 5657, 5614, 5566, 5391, 5627, 5586, 5279, 5260, 5514, 5268, 5482, 5372, 5348, 5412, 5588, 5481, 5255, 5455, 5547, 5479, 5637, 5472, 5642, 5641, 5639, 5601, 5397, 5587, 5435, 5515, 5524, 5619, 5489, 5708, 5623, 5285, 5281, 5723, 5668, 5692, 5332, 5621, 5293, 5696, 5612, 5278, 5560, 5466, 5571, 5379, 5253, 5506, 5436, 5567, 5584, 5325, 5597, 5534, 5577, 5449, 5573, 5492, 5581, 5513, 5340, 5495, 5441, 5490, 5273, 5304, 5715, 5463, 5491, 5359, 5390, 5680, 5523, 5456 (8 hits) (09/07/2011 04:12:58 PM)

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
38	9	1.0	333.0	Yes	5526.0MHz, -63.0dBm	Hop sequence: 5656, 5722, 5385, 5646, 5259, 5652, 5316, 5573, 5425, 5263, 5550, 5309, 5684, 5577, 5362, 5281, 5463, 5600, 5675, 5568, 5445, 5301, 5381, 5270, 5331, 5291, 5432, 5415, 5670, 5528, 5594, 5444, 5622, 5396, 5433, 5366, 5412, 5561, 5404, 5409, 5418, 5371, 5462, 5275, 5284, 5545, 5628, 5429, 5420, 5348, 5662, 5365, 5470, 5397, 5698, 5723, 5596, 5403, 5292, 5607, 5682, 5380, 5498, 5438, 5518, 5400, 5530, 5360, 5689, 5298, 5443, 5358, 5690, 5262, 5542, 5581, 5696, 5673, 5669, 5556, 5590, 5308, 5665, 5614, 5339, 5278, 5426, 5496, 5310, 5267, 5548, 5314, 5507, 5575, 5642, 5567, 5538, 5357, 5602, 5639 (5 hits) (09/07/2011 04:13:41 PM)
39	9	1.0	333.0	Yes	5527.0MHz, -63.0dBm	Hop sequence: 5712, 5585, 5610, 5485, 5519, 5488, 5271, 5589, 5444, 5649, 5321, 5492, 5714, 5559, 5340, 5540, 5539, 5684, 5708, 5293, 5480, 5680, 5529, 5537, 5251, 5258, 5473, 5499, 5644, 5350, 5682, 5498, 5558, 5487, 5509, 5406, 5669, 5409, 5369, 5465, 5336, 5256, 5403, 5276, 5374, 5665, 5688, 5279, 5385, 5530, 5263, 5693, 5490, 5493, 5426, 5297, 5428, 5563, 5489, 5429, 5265, 5347, 5450, 5689, 5579, 5654, 5491, 5515, 5325, 5394, 5555, 5312, 5361, 5621, 5690, 5620, 5410, 5641, 5615, 5466, 5391, 5670, 5353, 5597, 5678, 5355, 5259, 5433, 5594, 5686, 5561, 5436, 5373, 5425, 5516, 5423, 5565, 5636, 5387, 5310 (8 hits) (09/07/2011 04:14:12 PM)

Table 50 - Long Sequence Waveform Summary 802.11n 40MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -63.0dBm
Trial #2	Detected	5505.0MHz, -63.0dBm
Trial #3	Detected	5500.0MHz, -63.0dBm
Trial #4	Detected	5495.0MHz, -63.0dBm
Trial #5	Detected	5525.0MHz, -63.0dBm
Trial #6	Detected	5520.0MHz, -63.0dBm
Trial #7	NOT Detected	5515.0MHz, -63.0dBm
Trial #8	Detected	5510.0MHz, -63.0dBm
Trial #9	Detected	5505.0MHz, -63.0dBm
Trial #10	Detected	5500.0MHz, -63.0dBm
Trial #11	NOT Detected	5495.0MHz, -63.0dBm
Trial #12	Detected	5525.0MHz, -63.0dBm
Trial #13	Detected	5520.0MHz, -63.0dBm
Trial #14	NOT Detected	5515.0MHz, -63.0dBm
Trial #15	Detected	5510.0MHz, -63.0dBm
Trial #16	Detected	5505.0MHz, -63.0dBm
Trial #17	Detected	5500.0MHz, -63.0dBm
Trial #18	Detected	5495.0MHz, -63.0dBm
Trial #19	Detected	5525.0MHz, -63.0dBm
Trial #20	Detected	5520.0MHz, -63.0dBm
Trial #21	Detected	5515.0MHz, -63.0dBm
Trial #22	Detected	5510.0MHz, -63.0dBm
Trial #23	Detected	5505.0MHz, -63.0dBm
Trial #24	Detected	5500.0MHz, -63.0dBm
Trial #25	Detected	5495.0MHz, -63.0dBm
Trial #26	Detected	5525.0MHz, -63.0dBm
Trial #27	Detected	5520.0MHz, -63.0dBm
Trial #28	NOT Detected	5515.0MHz, -63.0dBm
Trial #29	Detected	5510.0MHz, -63.0dBm
Trial #30	Detected	5505.0MHz, -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	2	96.2	17	1289.0	-	0.034844
2	3	56.8	6	1622.0	1327.0	1.006182
3	2	52.3	18	1532.0	-	1.410192
4	3	99.6	12	1666.0	1618.0	2.144914
5	3	65.1	20	1287.0	1670.0	3.019967
6	2	58.3	12	1783.0	-	3.874585
7	1	51.9	16	-	-	4.533923
8	2	81.8	14	1248.0	-	4.743075
9	1	71.8	6	-	-	5.832267
10	2	78.1	17	1493.0	-	6.114623
11	2	67.4	9	1210.0	-	6.770019
12	2	69.6	8	1610.0	-	7.347277
13	3	69.5	16	1694.0	1373.0	8.121193
14	2	76.9	7	1312.0	-	8.907491
15	1	68.4	7	-	-	9.924245
16	2	66.3	16	1395.0	-	10.019766
17	1	97.0	6	-	-	10.761892
18	3	88.9	14	1173.0	1836.0	11.841877

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	1	83.0	18	-	-	0.266269
2	1	98.8	17	-	-	0.788594
3	3	84.5	17	1670.0	1711.0	1.894909
4	3	93.9	19	1462.0	1150.0	2.776315
5	2	95.4	15	1639.0	-	3.293661
6	2	69.0	17	1110.0	-	4.206216
7	2	81.3	9	1634.0	-	4.992655
8	3	59.0	16	1333.0	1740.0	5.451522
9	2	89.0	11	1765.0	-	6.229889
10	2	51.4	18	1745.0	-	6.887707
11	2	98.6	19	1764.0	-	7.536183
12	1	82.6	11	-	-	8.569858
13	1	53.3	6	-	-	9.732700
14	3	93.7	13	1828.0	1344.0	9.974710
15	2	66.4	6	1238.0	-	10.664373
16	2	50.2	19	1009.0	-	11.966970

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	1	76.1	9	-	-	0.518252
2	2	71.3	12	1298.0	-	1.928460
3	1	84.1	7	-	-	4.499372
4	3	91.9	18	1195.0	1531.0	4.504884
5	2	96.9	18	1611.0	-	6.963039
6	1	77.2	15	-	-	8.229288
7	2	62.8	9	1538.0	-	9.519288
8	2	74.9	13	1211.0	-	11.174009

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	52.5	9	1816.0	1169.0	0.515692
2	2	54.2	18	1775.0	-	2.638971
3	2	86.4	5	1272.0	-	3.660920
4	2	84.6	8	1112.0	-	4.201792
5	1	54.9	13	-	-	6.509034
6	2	76.1	9	1453.0	-	7.882427
7	1	64.2	13	-	-	9.273296
8	2	94.9	17	1630.0	-	10.002648
9	1	63.6	18	-	-	10.895059

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	3	75.0	13	1375.0	1585.0	0.119714
2	1	91.9	17	-	-	1.542491
3	3	87.6	19	1071.0	1415.0	2.378213
4	2	55.2	19	1160.0	-	3.004346
5	2	58.8	9	1095.0	-	3.587335
6	3	79.2	15	1616.0	1418.0	4.421052
7	1	87.4	9	-	-	4.819883
8	2	52.9	17	1109.0	-	5.842415
9	2	91.6	13	1662.0	-	6.581164
10	2	61.8	12	1788.0	-	7.790024
11	2	50.7	6	1751.0	-	8.514906
12	2	98.1	12	1721.0	-	9.424631
13	1	73.7	10	-	-	10.087163
14	3	98.4	14	1109.0	1422.0	10.525872
15	1	76.1	12	-	-	11.713502

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	3	64.2	18	1149.0	1900.0	0.575207
2	1	67.6	10	-	-	1.392563
3	3	77.1	9	1833.0	1233.0	3.028778
4	2	83.1	9	1030.0	-	3.629146
5	1	80.6	5	-	-	5.348771
6	2	51.1	13	1492.0	-	6.115189
7	1	83.0	19	-	-	7.286703
8	2	87.8	14	1050.0	-	8.258663
9	2	60.8	9	1002.0	-	9.622800
10	2	72.9	14	1911.0	-	10.003218
11	1	88.7	13	-	-	11.261932

Table 57 - 802.11n 40MHz Long Sequence Waveform Trial#7 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	87.6	19	-	-	0.866875
2	3	61.9	9	1474.0	1898.0	1.389294
3	3	68.8	7	1880.0	1390.0	3.214829
4	2	54.7	18	1586.0	-	3.630459
5	2	69.2	8	1789.0	-	5.155559
6	2	83.4	12	1065.0	-	5.884520
7	1	62.1	5	-	-	7.626897
8	1	77.1	13	-	-	8.114534
9	2	91.8	17	1550.0	-	9.240873
10	1	97.0	12	-	-	10.127321
11	2	59.5	9	1686.0	-	11.790747

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	1	63.4	16	-	-	0.756989
2	3	76.5	7	1018.0	1895.0	1.963962
3	2	68.1	19	1737.0	-	3.173070
4	3	76.9	9	1102.0	1794.0	4.511501
5	1	71.6	11	-	-	5.340977
6	2	57.1	17	1703.0	-	7.172660
7	3	55.1	15	1846.0	1995.0	8.561260
8	2	98.7	13	1280.0	-	10.117170
9	1	86.7	11	-	-	11.155037

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	74.1	14	1009.0	-	0.115830
2	3	76.6	16	1638.0	1279.0	1.661367
3	2	66.1	16	1857.0	-	2.445433
4	2	64.6	7	1540.0	-	3.658674
5	1	54.6	7	-	-	4.446423
6	2	57.5	19	1986.0	-	5.151370
7	2	62.9	5	1303.0	-	6.873596
8	1	61.9	14	-	-	7.059191
9	2	80.4	11	1186.0	-	8.096888
10	3	98.3	9	1415.0	1803.0	9.572710
11	3	85.0	19	1886.0	1139.0	10.375440
12	3	55.6	6	1816.0	1452.0	11.539505

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	1	65.4	6	-	-	0.403134
2	1	66.7	18	-	-	1.139731
3	1	79.4	14	-	-	2.031378
4	1	74.8	14	-	-	3.186116
5	2	82.3	12	1592.0	-	4.539193
6	3	99.0	20	1381.0	1008.0	5.111621
7	2	90.7	11	1367.0	-	6.023315
8	2	66.8	9	1794.0	-	6.993807
9	2	75.3	13	1341.0	-	7.691202
10	3	98.2	19	1263.0	1289.0	8.513181
11	2	68.7	10	1375.0	-	9.577240
12	2	75.3	19	1912.0	-	10.334654
13	1	97.7	5	-	-	11.296615

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	1	86.0	15	-	-	0.718729
2	2	96.1	14	1298.0	-	1.417615
3	3	91.7	19	1325.0	1267.0	2.955158
4	1	80.7	16	-	-	4.893542
5	1	89.7	11	-	-	5.948244
6	2	73.7	7	1337.0	-	6.822345
7	2	76.3	12	1272.0	-	9.160445
8	2	86.8	6	1444.0	-	9.353310
9	2	53.7	16	1889.0	-	11.188101

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	62.5	12	1699.0	-	0.194340
2	3	91.3	10	1535.0	1366.0	1.119594
3	1	64.2	17	-	-	1.468737
4	2	85.9	18	1254.0	-	2.243735
5	2	59.0	7	1630.0	-	3.083030
6	2	74.3	17	1069.0	-	3.273714
7	1	86.4	18	-	-	4.283379
8	2	63.2	7	1736.0	-	4.841513
9	3	90.6	17	1770.0	1626.0	5.212624
10	2	67.5	19	1433.0	-	5.690919
11	1	80.5	12	-	-	6.694352
12	2	74.2	11	1283.0	-	7.532925
13	2	71.4	19	1784.0	-	8.174809
14	2	80.9	16	1384.0	-	8.475382
15	2	58.8	9	1700.0	-	8.924267
16	2	84.1	16	1484.0	-	9.934891
17	2	85.2	9	1572.0	-	10.220334
18	2	78.1	14	1350.0	-	10.793211
19	3	96.0	9	1464.0	1575.0	11.984529

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	2	74.2	11	1701.0	-	0.982129
2	2	66.5	6	1549.0	-	1.681049
3	2	93.0	14	1118.0	-	3.397959
4	2	79.3	8	1446.0	-	3.992596
5	2	74.5	16	1266.0	-	4.921485
6	1	59.6	12	-	-	7.142416
7	1	56.2	20	-	-	7.450304
8	3	52.8	14	1160.0	1077.0	9.445207
9	2	64.7	19	1875.0	-	10.518252
10	3	68.3	20	1268.0	1483.0	11.729144

Table 64 - 802.11n 40MHz Long Sequence Waveform Trial#14 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	87.6	8	1263.0	-	0.011468
2	3	62.3	17	1645.0	1886.0	1.159413
3	2	86.4	7	1712.0	-	1.839666
4	3	74.4	10	1099.0	1504.0	2.969491
5	2	55.2	16	1330.0	-	3.239580
6	2	68.6	14	1419.0	-	4.591407
7	3	82.6	10	1689.0	1600.0	5.371694
8	3	76.7	8	1453.0	1423.0	5.986184
9	3	53.9	14	1396.0	1389.0	6.509223
10	3	51.6	13	1048.0	1847.0	7.321763
11	2	86.4	13	1524.0	-	8.135191
12	1	54.1	11	-	-	9.358474
13	2	96.2	14	1064.0	-	9.846479
14	1	58.9	6	-	-	11.024706
15	3	69.2	15	1379.0	1204.0	11.453608

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	3	64.8	6	1340.0	1794.0	0.095481
2	2	56.2	17	1916.0	-	1.559649
3	2	59.6	9	1163.0	-	3.049686
4	2	82.2	18	1831.0	-	3.316471
5	3	90.0	16	1046.0	1767.0	4.931001
6	2	64.0	20	1246.0	-	5.924777
7	3	78.9	19	1463.0	1698.0	6.655315
8	2	50.5	7	1927.0	-	8.548559
9	2	84.4	15	1976.0	-	9.717209
10	2	95.0	10	1700.0	-	10.385696
11	2	68.1	14	1043.0	-	11.078630

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	74.9	15	-	-	0.698916
2	3	98.5	10	1525.0	1997.0	1.384751
3	2	74.5	9	1592.0	-	3.013103
4	2	86.4	16	1641.0	-	4.297686
5	3	53.6	14	1275.0	1985.0	5.772697
6	2	69.4	17	1326.0	-	6.593208
7	2	90.9	15	1236.0	-	8.110543
8	3	92.6	10	1978.0	1800.0	8.405632
9	3	81.5	5	1186.0	1412.0	9.632660
10	2	64.7	20	1489.0	-	11.270753

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	3	77.9	19	1745.0	1109.0	0.467175
2	2	64.0	14	1489.0	-	1.772607
3	1	86.8	20	-	-	2.593972
4	3	96.8	15	1351.0	1153.0	3.885668
5	2	79.9	13	1146.0	-	5.760958
6	2	53.7	17	1947.0	-	6.734613
7	1	61.7	11	-	-	8.217803
8	2	78.9	9	1806.0	-	9.520691
9	1	95.2	6	-	-	10.438807
10	1	79.8	8	-	-	11.135955

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	3	96.0	8	1382.0	1755.0	0.659589
2	2	86.4	10	1136.0	-	1.022127
3	1	94.4	14	-	-	1.621468
4	1	54.2	15	-	-	2.750094
5	3	70.7	10	1634.0	1683.0	3.271309
6	3	81.5	12	1554.0	1594.0	4.151219
7	3	87.5	19	1449.0	1665.0	4.675966
8	3	53.5	7	1804.0	1652.0	4.993891
9	3	70.5	17	1866.0	1596.0	5.713871
10	1	54.6	18	-	-	7.003342
11	1	64.5	19	-	-	7.659843
12	3	57.5	19	1785.0	1480.0	8.307912
13	2	93.9	6	1874.0	-	8.638324
14	2	61.5	9	1477.0	-	9.624906
15	3	89.0	20	1485.0	1718.0	9.980080
16	2	91.5	17	1288.0	-	10.613144
17	2	62.3	16	1899.0	-	11.855197

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	88.6	16	1500.0	-	0.188355
2	2	92.8	12	1248.0	-	1.429606
3	2	57.7	13	1651.0	-	2.138742
4	2	95.6	7	1408.0	-	3.380837
5	3	87.0	16	1092.0	1676.0	4.465047
6	3	99.2	15	1008.0	1131.0	5.367392
7	3	53.7	5	1440.0	1565.0	5.542402
8	1	70.3	18	-	-	6.797267
9	2	59.2	16	1417.0	-	7.902089
10	1	82.1	18	-	-	9.226695
11	2	82.6	15	1114.0	-	9.698198
12	2	92.7	17	1320.0	-	10.828651
13	1	87.3	19	-	-	11.494462

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	81.5	13	-	-	0.071661
2	3	94.7	20	1189.0	1089.0	0.953954
3	2	81.1	18	1193.0	-	1.499140
4	2	69.7	13	1766.0	-	1.940076
5	2	55.4	12	1950.0	-	2.536226
6	1	70.8	11	-	-	3.136720
7	2	53.6	8	1016.0	-	3.924697
8	3	64.4	19	1418.0	1095.0	4.550262
9	1	66.5	20	-	-	5.276224
10	2	59.6	17	1891.0	-	5.765443
11	3	64.9	9	1791.0	1414.0	6.365630
12	1	84.3	8	-	-	6.782938
13	2	51.1	17	1767.0	-	7.389668
14	2	97.8	12	1588.0	-	7.866194
15	1	73.1	17	-	-	8.850497
16	1	56.6	9	-	-	9.073864
17	3	65.5	13	1404.0	1049.0	9.701688
18	2	62.1	16	1624.0	-	10.570872
19	3	76.6	15	1839.0	1856.0	11.373060
20	2	99.8	9	1274.0	-	11.963082

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	2	69.4	18	1017.0	-	0.630696
2	3	69.3	9	1957.0	1394.0	1.335970
3	2	88.6	11	1595.0	-	2.523295
4	2	87.3	7	1310.0	-	3.600257
5	3	73.5	19	1236.0	1191.0	4.881260
6	3	72.9	18	1568.0	1021.0	6.058172
7	2	79.2	19	1837.0	-	7.274937
8	2	63.3	17	1489.0	-	8.217649
9	2	75.9	11	1606.0	-	9.553171
10	3	64.5	19	1748.0	1153.0	10.439342
11	1	94.7	19	-	-	11.530550

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	1	73.8	10	-	-	0.276266
2	3	91.9	14	1024.0	1948.0	0.717476
3	2	90.8	18	1262.0	-	2.038285
4	1	88.4	13	-	-	2.345740
5	2	71.3	7	1791.0	-	3.290118
6	2	98.0	16	1859.0	-	4.214877
7	2	79.1	12	1229.0	-	4.606200
8	2	90.1	12	1046.0	-	5.087372
9	3	63.4	9	1967.0	1743.0	6.348374
10	3	74.9	11	1021.0	1168.0	6.767761
11	2	74.1	9	1951.0	-	7.532031
12	1	93.6	8	-	-	7.846189
13	1	81.2	6	-	-	8.627069
14	2	99.4	19	1837.0	-	9.387387
15	1	51.2	15	-	-	10.052757
16	2	74.5	8	1634.0	-	10.876606
17	1	73.8	7	-	-	11.530387

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	75.9	8	1267.0	-	1.277685
2	1	87.1	6	-	-	2.176954
3	3	81.1	8	1225.0	1478.0	2.716196
4	2	81.5	20	1575.0	-	4.333054
5	1	78.8	12	-	-	6.427347
6	3	65.6	17	1226.0	1190.0	6.960683
7	2	66.7	15	1732.0	-	8.009598
8	3	84.6	17	1634.0	1285.0	9.578431
9	2	96.6	16	1571.0	-	11.837191

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	1	72.1	13	-	-	0.929810
2	2	80.6	13	1701.0	-	2.143173
3	2	71.1	7	1923.0	-	2.726687
4	1	92.5	20	-	-	4.021359
5	2	70.8	14	1154.0	-	4.751852
6	2	83.9	18	1339.0	-	6.337104
7	2	86.6	9	1103.0	-	6.907719
8	3	72.6	16	1262.0	1353.0	7.882733
9	3	85.2	6	1406.0	1682.0	9.010110
10	2	59.5	9	1218.0	-	10.546354
11	3	56.8	14	1417.0	1995.0	11.660262

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	1	93.9	17	-	-	0.330376
2	1	76.2	17	-	-	1.040339
3	1	84.4	15	-	-	1.615278
4	1	99.1	17	-	-	2.210634
5	2	86.1	10	1853.0	-	2.874771
6	3	98.2	14	1270.0	1863.0	3.637839
7	2	84.1	11	1062.0	-	4.241143
8	3	96.2	16	1965.0	1528.0	4.683455
9	2	75.0	12	1178.0	-	5.187259
10	2	75.8	13	1301.0	-	5.710279
11	2	92.3	15	1253.0	-	6.479449
12	3	90.8	19	1714.0	1841.0	7.086563
13	2	71.1	9	1778.0	-	8.197246
14	2	81.0	16	1758.0	-	8.541744
15	1	70.9	12	-	-	8.880449
16	1	62.8	19	-	-	9.837455
17	3	75.3	12	1557.0	1449.0	10.465119
18	2	52.3	19	1505.0	-	10.933457
19	3	74.0	18	1594.0	1661.0	11.822926

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	98.1	18	1873.0	-	0.243514
2	3	88.9	14	1713.0	1609.0	0.793117
3	2	83.1	18	1637.0	-	1.650322
4	1	87.5	9	-	-	2.689400
5	2	78.1	19	1224.0	-	3.471520
6	2	69.5	11	1065.0	-	3.862561
7	2	79.3	13	1650.0	-	4.245769
8	1	67.7	12	-	-	5.200112
9	2	57.2	14	1594.0	-	6.284238
10	2	100.0	15	1167.0	-	6.734758
11	3	62.7	19	1513.0	1203.0	7.536380
12	3	68.0	17	1099.0	1300.0	8.161905
13	1	90.0	9	-	-	8.659341
14	2	54.6	20	1850.0	-	9.296537
15	3	59.8	20	1908.0	1966.0	9.948690
16	2	73.7	9	1581.0	-	11.048232
17	2	77.1	12	1907.0	-	11.309451

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	78.2	15	-	-	0.419205
2	2	81.3	19	1240.0	-	1.104353
3	3	88.3	10	1173.0	1100.0	1.790379
4	1	74.1	13	-	-	2.821682
5	2	60.2	8	1787.0	-	3.476846
6	2	55.4	16	1943.0	-	4.206852
7	1	51.8	10	-	-	4.740847
8	1	96.1	6	-	-	5.005473
9	3	91.4	14	1619.0	1647.0	6.166442
10	1	67.5	13	-	-	6.925295
11	1	98.7	11	-	-	7.091911
12	2	91.6	5	1638.0	-	7.780675
13	1	54.4	18	-	-	8.586214
14	1	90.7	13	-	-	9.331574
15	2	54.2	19	1702.0	-	9.954753
16	2	90.5	12	1484.0	-	11.033550
17	2	95.7	7	1164.0	-	11.829648

Table 78 - 802.11n 40MHz Long Sequence Waveform Trial#28 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	82.3	18	-	-	1.169652
2	3	90.6	19	1784.0	1559.0	1.336258
3	2	81.0	14	1340.0	-	3.427047
4	3	71.4	14	1303.0	1477.0	3.897115
5	1	97.1	12	-	-	5.614147
6	2	82.2	8	1232.0	-	7.050210
7	3	77.9	6	1962.0	1570.0	7.852811
8	2	77.2	11	1593.0	-	9.131281
9	2	80.8	9	1080.0	-	10.268725
10	1	74.3	17	-	-	11.789240

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	1	99.8	17	-	-	0.996140
2	3	82.4	12	1834.0	1683.0	2.200670
3	1	89.3	6	-	-	3.326067
4	2	71.0	17	1949.0	-	4.995020
5	3	97.0	11	1243.0	1899.0	6.115505
6	1	79.8	7	-	-	8.249980
7	3	66.7	11	1341.0	1580.0	10.263312
8	2	87.7	17	1456.0	-	10.978702

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	1	77.9	18	-	-	0.891821
2	2	78.1	11	1771.0	-	1.807689
3	1	71.3	16	-	-	3.044759
4	2	95.3	9	1691.0	-	3.495273
5	2	79.9	6	1491.0	-	4.705746
6	1	60.0	19	-	-	6.297817
7	2	98.1	9	1802.0	-	7.350433
8	2	54.7	7	1609.0	-	8.313797
9	3	68.1	6	1775.0	1378.0	8.972577
10	2	90.7	17	1381.0	-	10.727782
11	3	56.2	15	1305.0	1888.0	11.457016

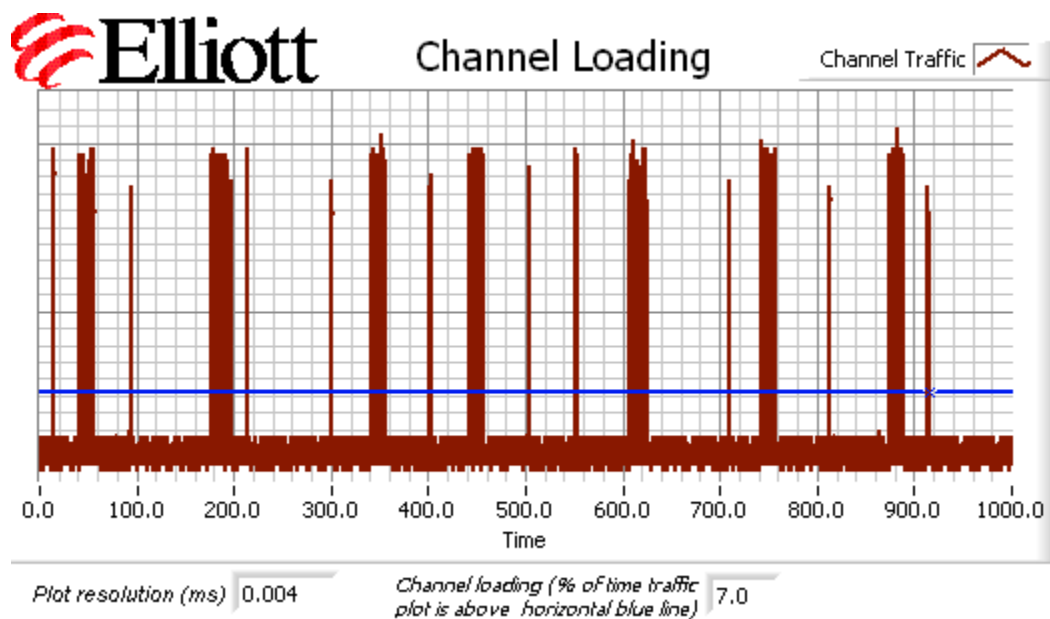


Figure 2 Channel Utilization During In-Service Detection Measurements (20 MHz)

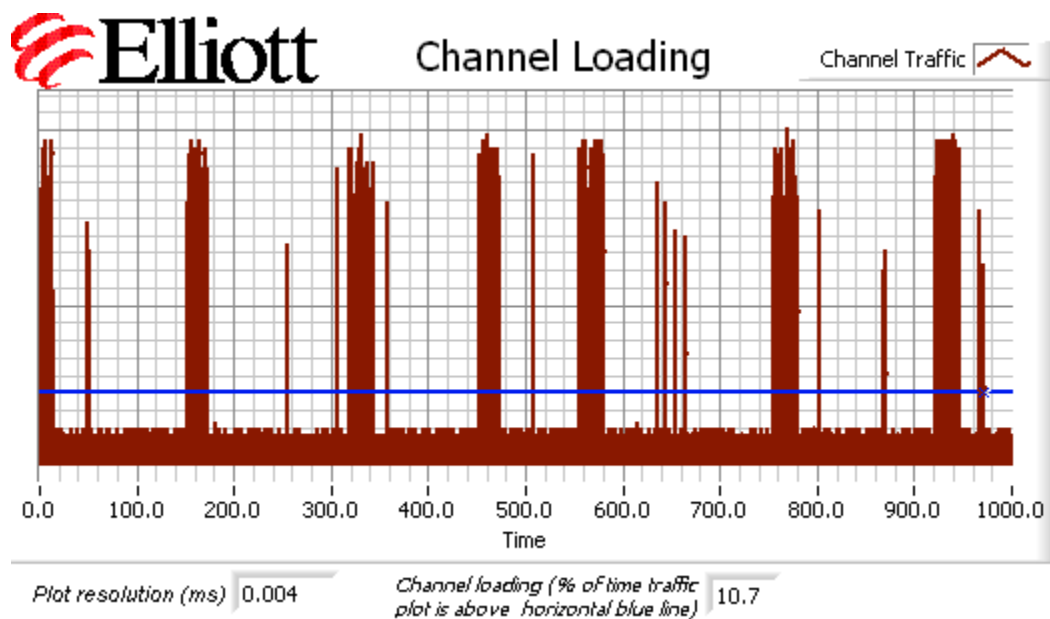


Figure 3 Channel Utilization During In-Service Detection Measurements (40 MHz)

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	2.0 ms	60 ms	0.63 s	10 s	PASS
Radar Type 5	0.0 ms	60 ms	0.0 s	10 s	PASS

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

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

Elliott Timing Plots - Channel Closing

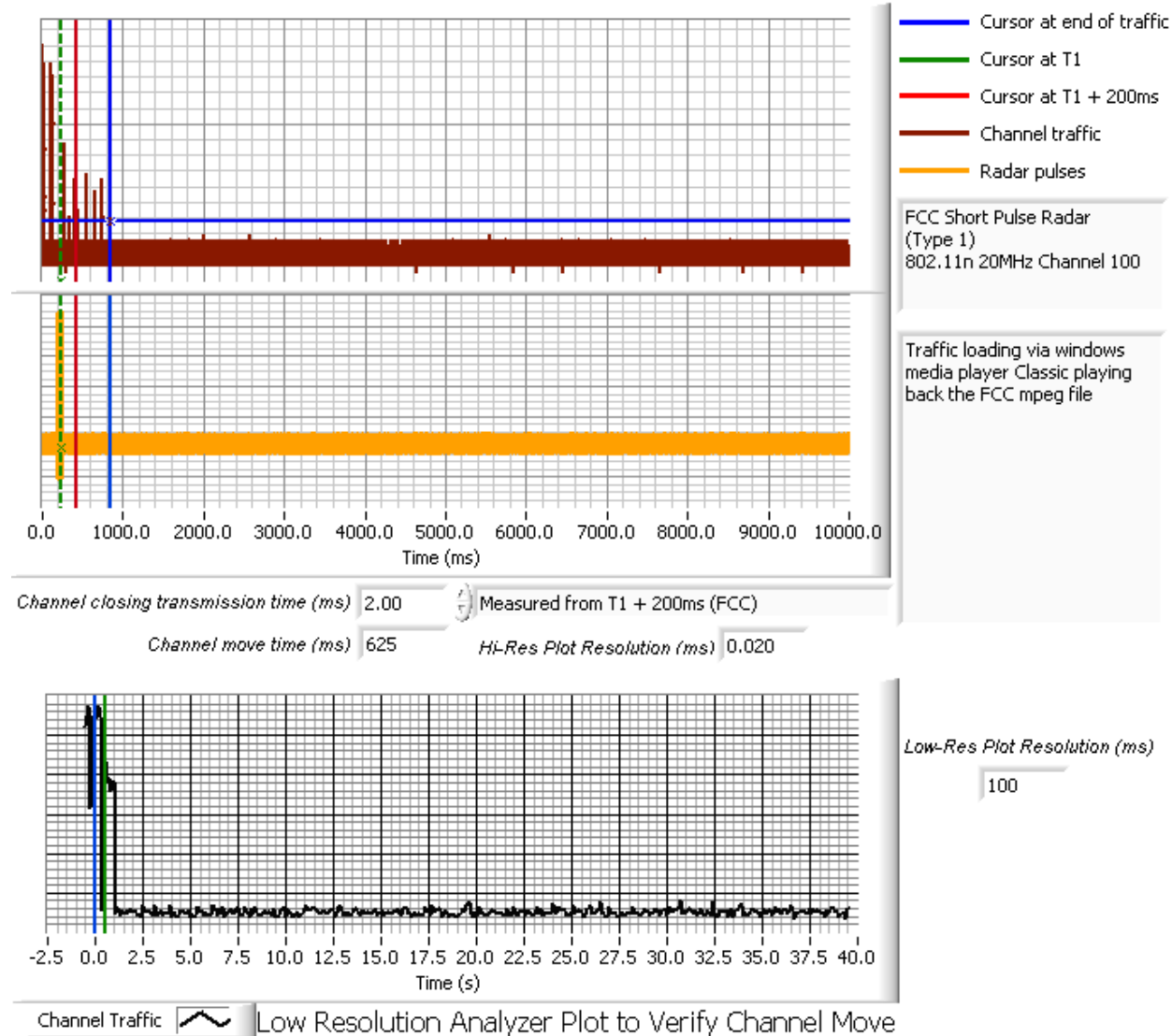


Figure 4 Channel Closing Time and Channel Move Time – 40 second plot

Elliott Timing Plots - Channel Closing

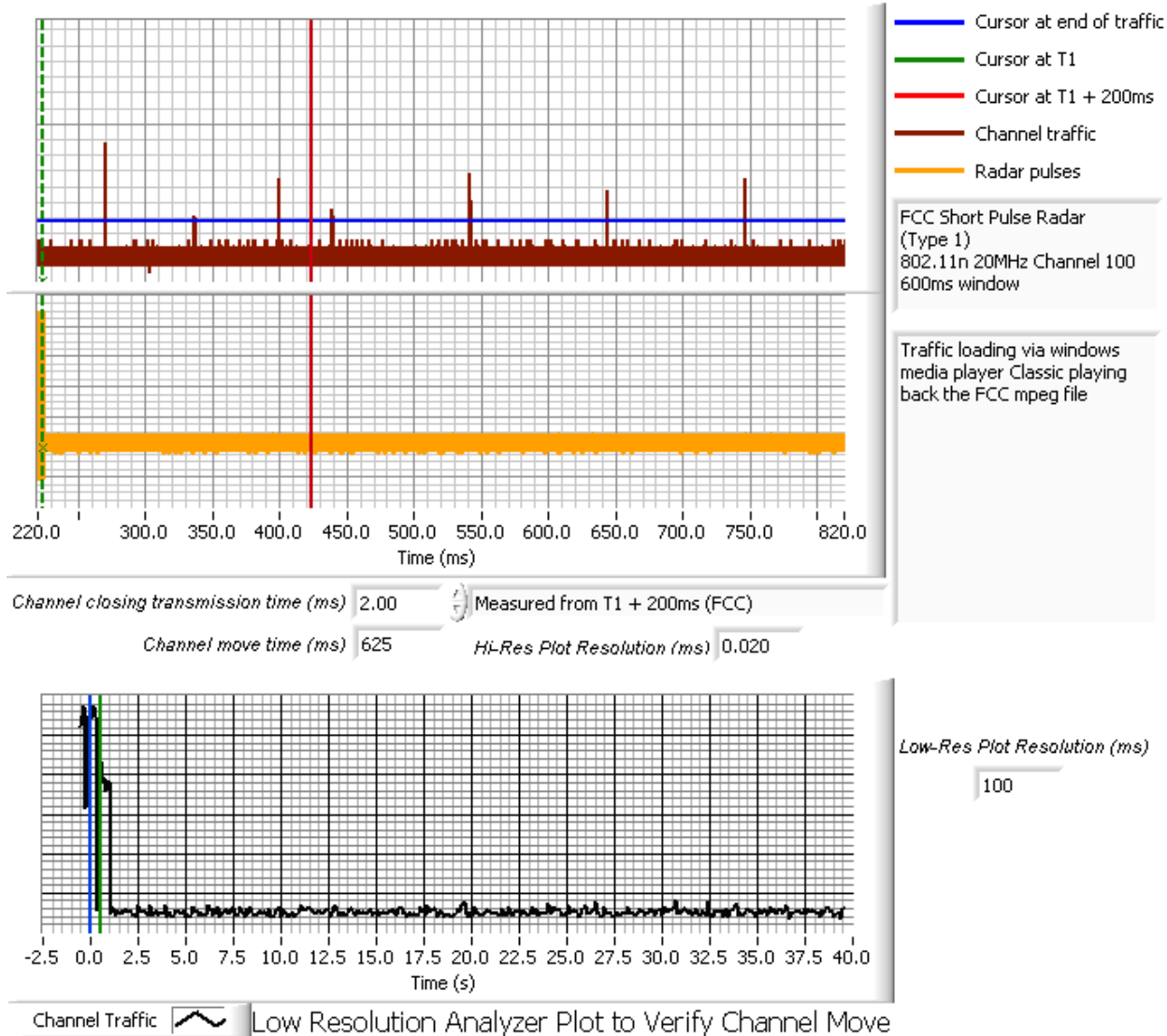


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

Elliott Timing Plots - Channel Closing

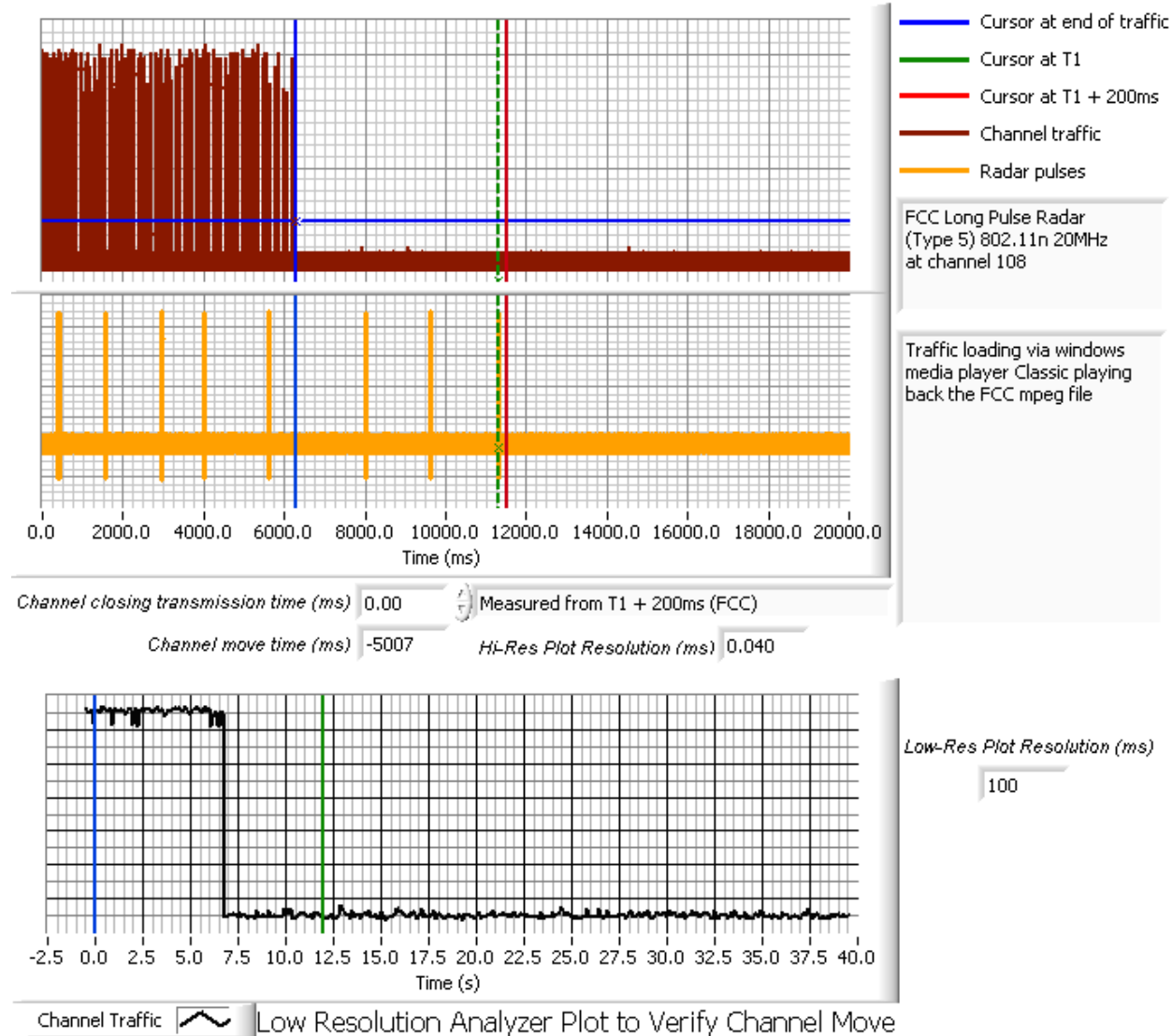


Figure 6 Channel Closing Time and Channel Move Time – 40 second plot

Elliott Timing Plots - Channel Closing

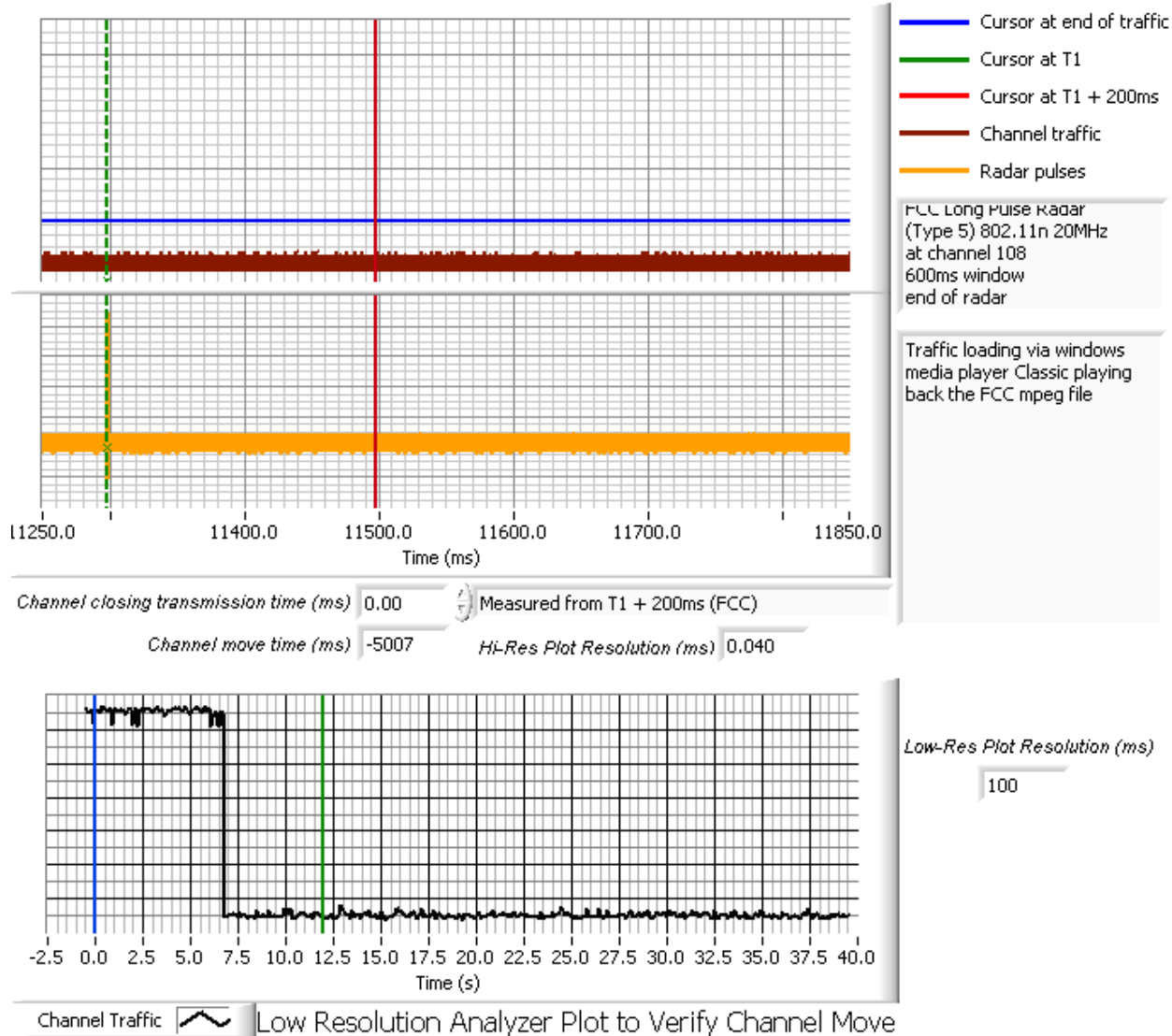


Figure 7 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

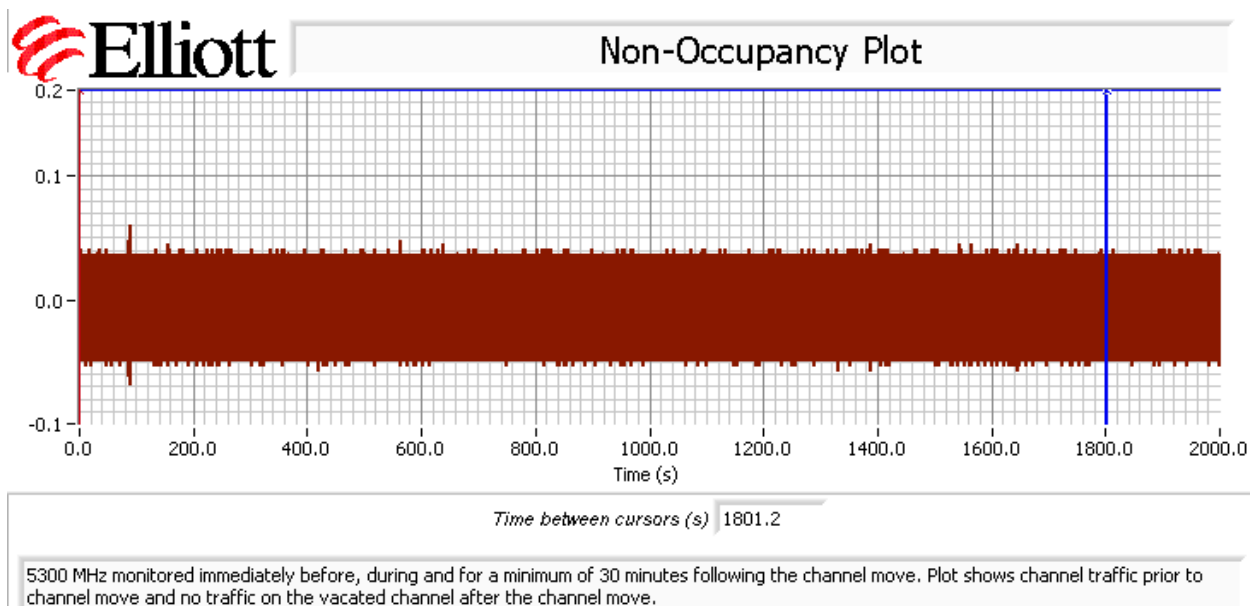


Figure 8 Radar Channel Non-Occupancy Plot

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 initiating a channel change command, 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.



Timing Plots - Channel Availability Check

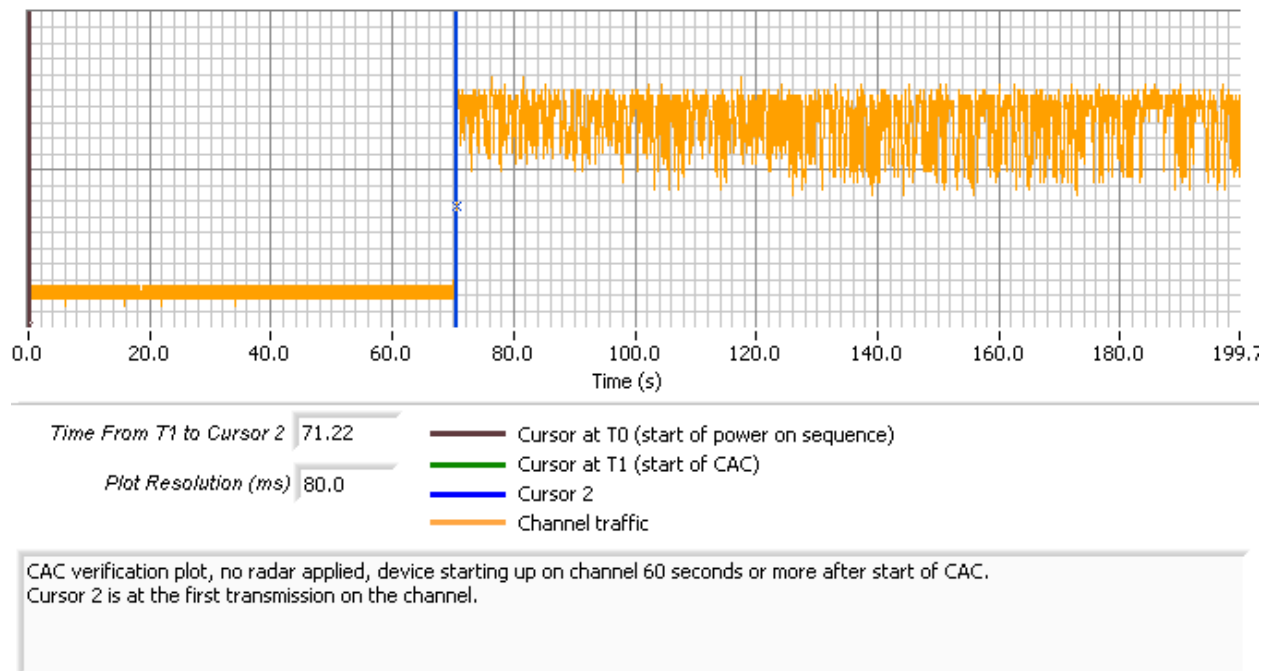


Figure 9 Plot of EUT Start-Up After CAC

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 channel 100 (5600 MHz).

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

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



Timing Plots - Channel Availability Check

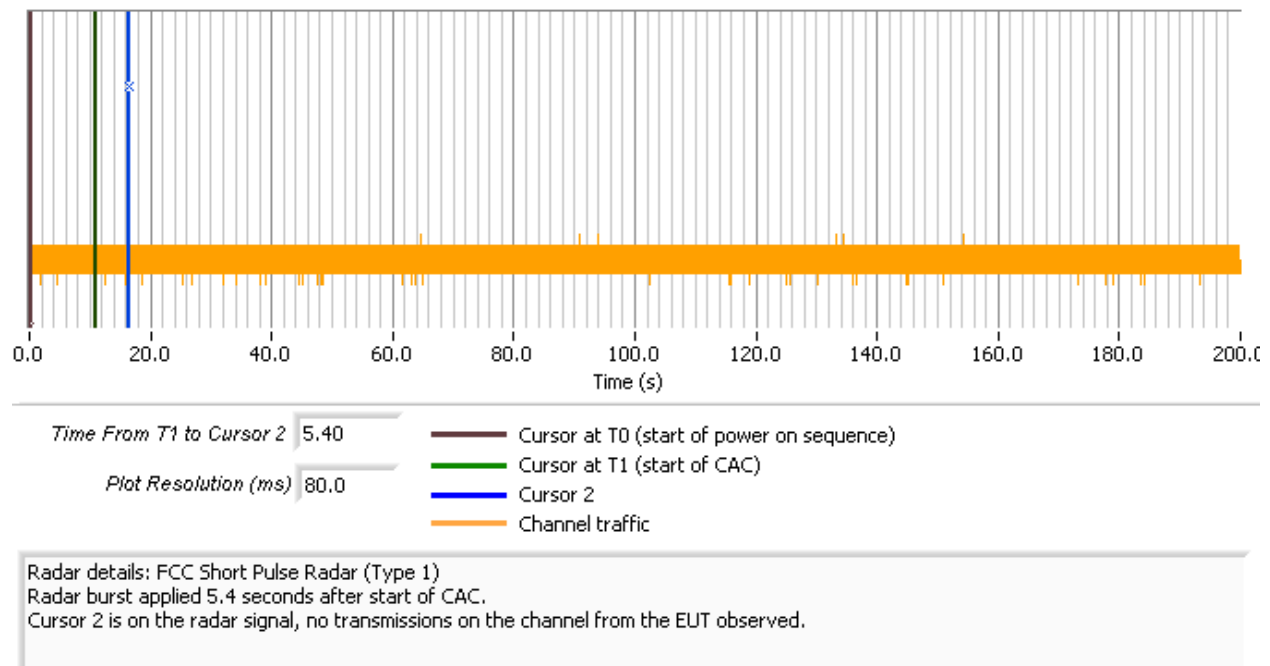


Figure 10 Radar Applied At Start of CAC



Timing Plots - Channel Availability Check

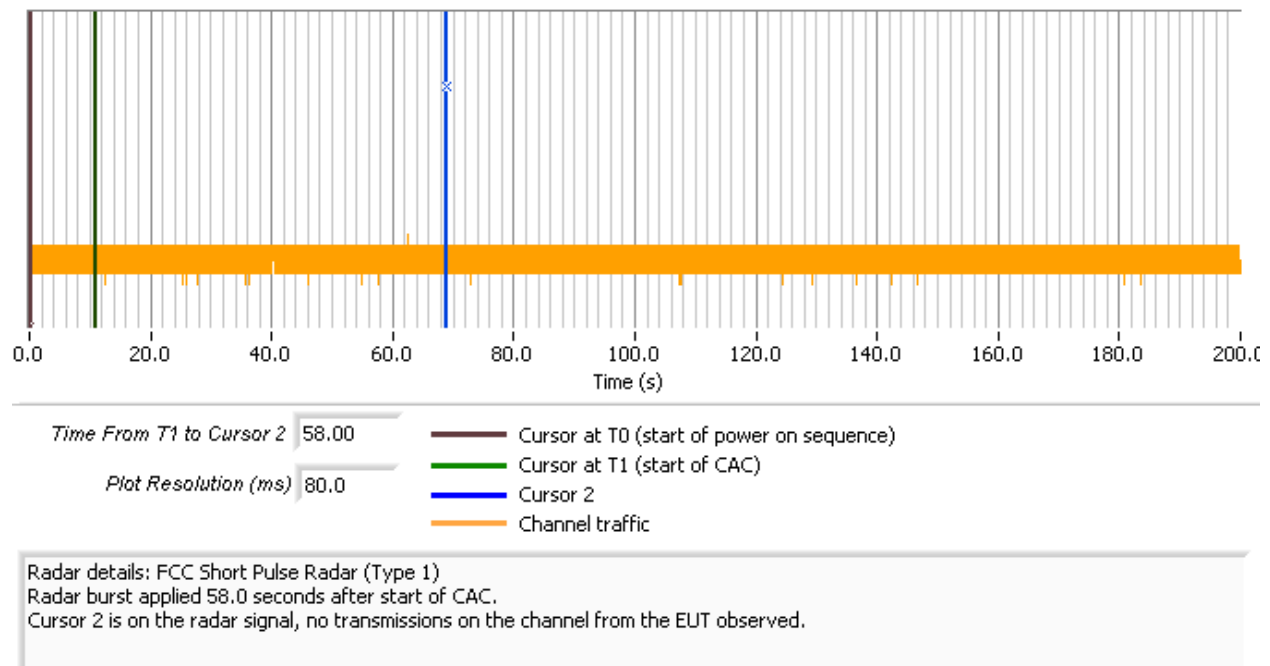


Figure 11 Radar Applied At End of CAC

Appendix E Antenna Specification

2G_AP120ANT_ENG_DS_1513504_A.pdf



Antenna Solutions

2400 ~2483.5 MHz Single Band Antenna

(802.11 b/g, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

Part Number: 1513504-1**Product Facts**

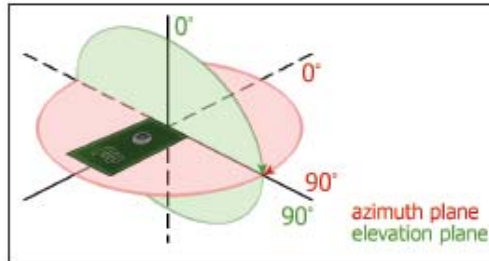
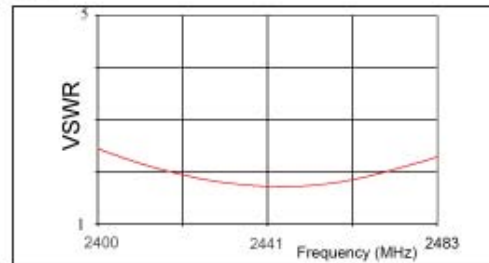
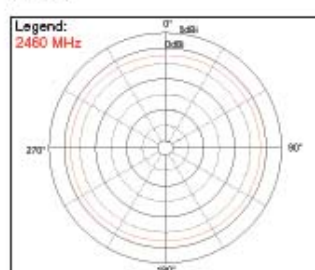
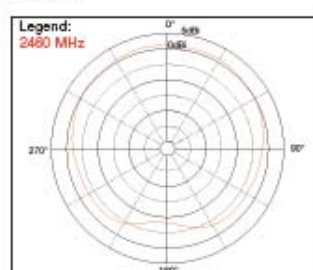
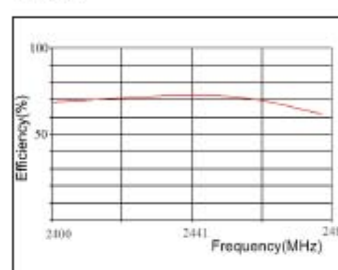
- Wide bandwidth and high gain in a compact size.
- Enhanced hemispherical pattern improves RF link reliability of portable devices.
- Available in tape & reel.
- RoHS compliant

Recommendations

- Minimum or no matching circuits required.
- Bandwidth and performance is dependent on ground plane size. Suggested minimum ground plane length from the antenna feed is 30 mm.
- PCB ground is to be on top layer.

**Specifications**

Frequency Range (MHz)	2400 ~2483.5
Peak Gain	+2 dBi
VSWR	< 2.5:1
Reflow Temperature	275°C maximum
Polarization	Linear
Power Handling	10 Watt cw
Feed Point Impedance	50 Ohms unbalanced
Size	16.00 mm dia. x 6.05 mm
Weight	< 1 g.
Mounting	Surface-mount technology. See page 2
Keep Out Area	See diagram on page 2

Test Orientation in Free Space**VSWR****Azimuth****Elevation****Efficiency**

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Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

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1

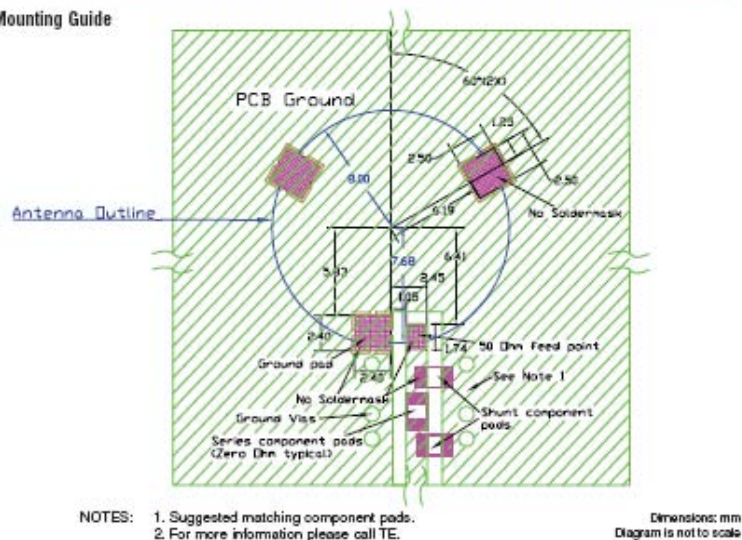


Antenna Solutions

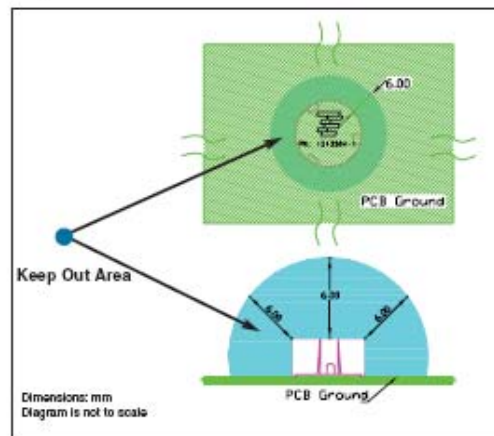
2400 –2483.5 MHz Single Band Antenna
 (802.11 b/g, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

Part Number: 1513504-1

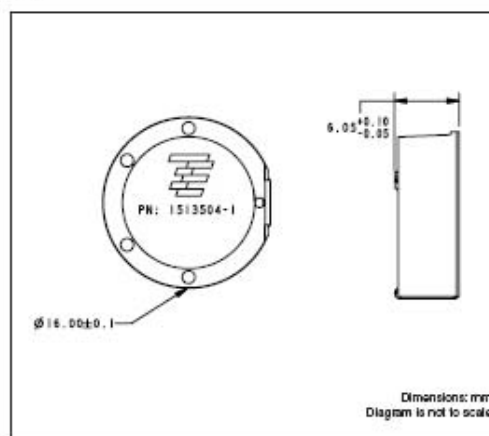
Mounting Guide



Keep Out Area



Approx. Dimensions



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2

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5G_AP120Ant_ENG_DS_1513164_A.pdf



Antenna Solutions

2400 – 2483.5 & 5150 – 5875 MHz Dual Band Antenna
 (802.11 a/b/g/n, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

Part Number: 1513164-1

Product Facts

- This is a surface-mount dual-band antenna intended for use in Bluetooth, and 802.11 a/b/g/n applications. This antenna provides excellent performance at a low cost.
- Available in tape & reel.
- RoHS compliant

Recommendations

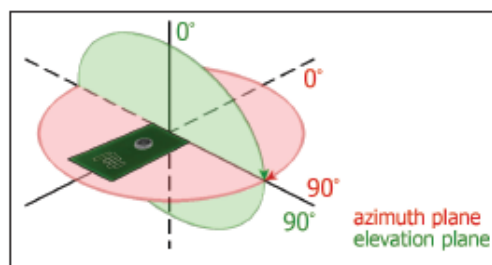
- Minimum or no matching circuits required.
- Bandwidth and performance is dependent on ground plane size. Suggested minimum ground plane length from the antenna feed is 30 mm.
- PCB ground is to be on top layer.



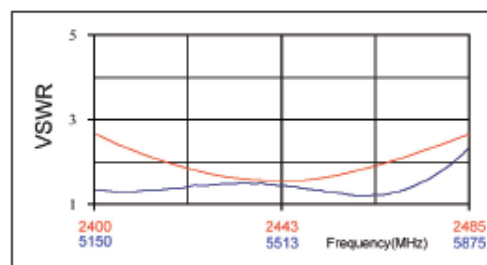
Specifications

Frequency Range (MHz)	2400 – 2483.5; 5150 – 5875
Peak Gain	+4 dBi
VSWR	< 2.5:1
Polarization	Linear
Power Handling	10 Watt cw
Feed Point Impedance	50 Ohms unbalanced
Size	16.0 mm x 6.0 mm
Weight	< 1 g.
Mounting	Surface-mount technology. See page 2
Keep Out Area	See diagram on page 2

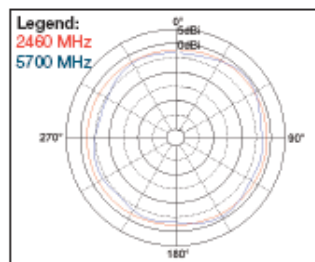
Test Orientation in Free Space



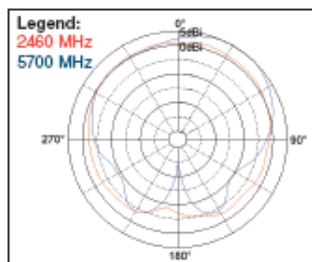
VSWR



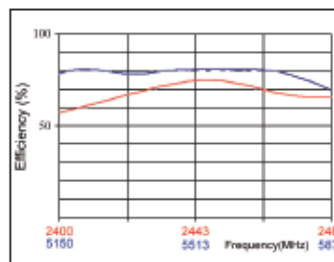
Azimuth



Elevation



Efficiency



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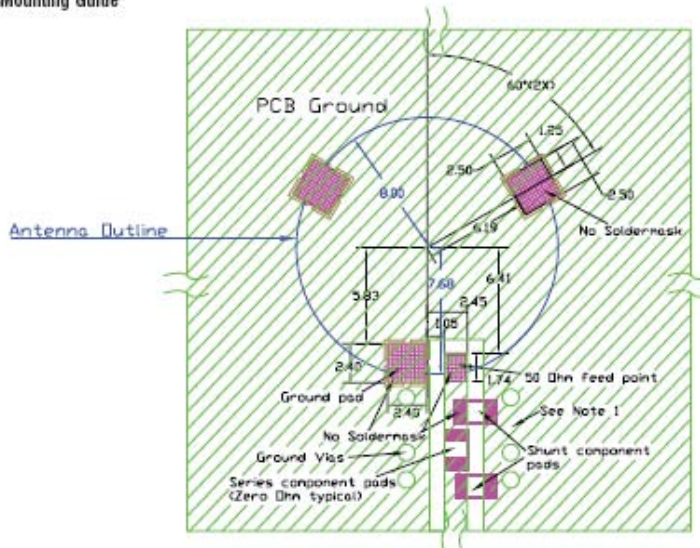
1



2400 – 2483.5 & 5150 – 5875 MHz Dual Band Antenna
(802.11 a/b/g/n, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

Part Number: 1513164-1

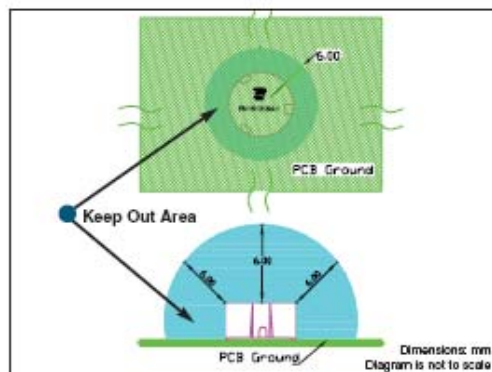
Mounting Guide



NOTES: 1. Suggested matching component pads.
2. For more information please call TE.

Dimensions: mm
Diagram is not to scale

Keep Out Area



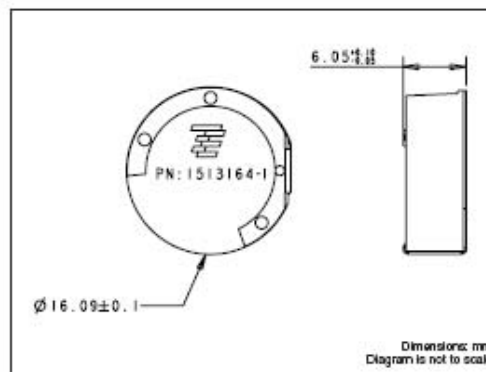
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Approx. Dimensions



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Appendix F Test Configuration Photograph(s)

Test configuration photographs uploaded as a separate exhibit