TEST REPORT

Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF

FCC Part 15 Subpart E (UNII), RSS-210 Annex 9

Ubiquiti Networks
Model(s): Nanostation M5

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REVISION HISTORY

Rev #	Date	Comments	Modified By
1.0	02-21-2012	Initial Release	-

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SCOPE

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

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.
- RSS-210 Annex 9 LE-LAN devices.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein as outlined in Elliott Laboratories test procedures. The test results recorded herein are based on a single type test of the Ubiquiti Networks model NanoStation M5 and therefore apply only to the tested samples. The samples were selected and prepared by Jennifer Sanchez of Ubiquiti Networks.

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested samples of the Ubiquiti Networks model NanoStation M5 complied with the DFS requirements of FCC Part 15.407(h)(2) RSS-210 Annex A9.3.

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

Limited testing was performed per the DFS test plan submitted to the FCC under KDB 194449. Due to the similarity of NanoStation M5 to the LocoStationM5 (FCC ID: SWX-M5LD) a subset of the DFS tests were applied. From the test plan the following tests were performed:

1. Confirmation of the detection bandwidth in the HT5 and HT40 modes
2. Confirm detection probability for radar types 1-4, and 6 using the worse case bandwidths/radar waveforms combinations from the LocoStationM5 testing.
3. Confirm detection probability for radar type 5 using the worse case bandwidth from the LocoStationM5 testing.
4. Channel Close/Move Time for HT5 and HT40 modes
5. 30 minute Non-Occupancy confirmation
6. Client Mode – Channel close/move time for all supported bandwidths (HT5, HT20, HT40)
7. Client Mode – 30 minute non-occupancy confirmation

EQUIPMENT UNDER TEST (EUT) DETAILS

GENERAL

The Ubiquiti Networks model NanoStation M5 is a proprietary Access Point or Station which is designed to provide wireless communications links using MIMO technology with bandwidths of between 5 and 40 MHz.

The samples were received on January 20, 2012 and tested on January 20, 26, 27, and February 2, 2012. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Ubiquiti Networks	NanoStationM5 (Master)	Access Point	None (WLAN MAC: 00:27:22:10:FB)
Ubiquiti Networks	NanoStationM5 (Client)	Client	None (WLAN MAC: 00:27:22:10:DD)

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

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

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

☐ Client Device with In-Service Monitoring

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	16	16
Highest Antenna Gain (dBi)	16	16
EIRP Output Power (dBm)	29.5	29.9

☒ Power can exceed 200mW eirp

Channel Protocol

☒ IP Based

☐ Frame Based

☐ OTHER _____

ENCLOSURE

The EUT enclosure measures approximately 7 by 28 by 8.5 centimeters. It is primarily constructed of uncoated coated plastic.

MODIFICATIONS

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

SUPPORT EQUIPMENT

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

Manufacturer	Model	Description	Serial Number	FCC ID
Ubiquiti	*NanoStation M5*	*AP*	None (WLAN MAC:00:27:22:10:FB)	
DELL	Vostro 1520	Laptop	43469242957	DoC
DELL	Vostro 1520	Laptop	27209067121	DoC
Ubiquiti	UBI-POE-24-5	PoE	1005-0089370	-
Ubiquiti	UBI-POE-24-5	PoE	1005-0089358	-

The italicized device was the access point device. When Access Point tests were performed, the Station unit was used as support equipment.

EUT INTERFACE PORTS

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

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
EUT (LAN)	PoE	UTP (Cat 5)	Shielded	10.0
PoE (LAN)	Laptop (Server)	UTP (Cat 5)	Unshielded	1.0
Client (LAN)	PoE	UTP (Cat 5)	Shielded	10.0
PoE (LAN)	Laptop (Client)	UTP (Cat 5)	Unshielded	1.0

EUT OPERATION

Two devices were tested, one configured as a client and the other as master. The EUT was operating with the following software:

Master Device: v5.5

Client Device: v5.5

The manufacturer declared that the software is secured to prevent the user from disabling the DFS function.

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.

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	-	-	≥ 60s	-	Note 2
CAC Detection Threshold	Type 1	-	-	-64dBm (See note 3)	-	Note 2
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	Varies	-64 dBm (note 3)	-64dBm (See note 3)	Appendix B	Pass
Bandwidth Detection HT5	Type 1	Varies	5MHz	80% of the 99% BW	Appendix B	Pass
Bandwidth Detection HT40	Type 1	Varies	44MHz	80% of the 99% BW	Appendix B	Pass
Channel closing transmission time HT5	Type 1 Type 5	5530MHz 5525MHz	6.6ms 0.0ms	≤ 260ms	Appendix C	Pass
Channel move time HT5	Type 1 Type 5	5530MHz 5525MHz	0.472s -6.589s	≤ 10s	Appendix C	Pass
Channel closing transmission time HT40	Type 1 Type 5	5310 MHz	3.8ms 0.0ms	≤ 260ms	Appendix C	Pass
Channel move time HT40	Type 1 Type 5	5310 MHz	4.55s -6.576s	≤ 10s	Appendix C	Pass
Non-occupancy period	Type 1	5595	>1800sec.	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-

1) Tests were performed using the radiated test method.
2) Test not performed/requirement not evaluated per DFS test plan, KDB 1914449
3) 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 16 dBi. The limit is based on an eirp of more than 23 dBm.
4) 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.

TEST RESULTS SUMMARY – FCC Part 15, CLIENT DEVICE

Table 5 - FCC Part 15 Subpart E Client Device Test Result Summary						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel closing transmission time HT 5	Type 1	5300MHz	1.4ms	≤ 260ms	Appendix C	Pass
Channel move time HT5	Type 1	5300MHz	495ms	≤ 10s	Appendix C	Pass
Channel closing transmission time HT20	Type 1	5270MHz	5.14ms	≤ 260ms	Appendix C	Pass
Channel move time HT20	Type 1	5270MHz	437ms	≤ 10s	Appendix C	Pass
Channel closing transmission time HT40	Type 1	5525MHz	0.92ms	≤ 260ms	Appendix C	Pass
Channel move time HT40	Type 1	5525MHz	451 ms	≤ 10s	Appendix C	Pass
Non-occupancy period - associated	Type 1	5300MHz	>1800 sec.	> 30 minutes	Appendix C	Pass
Passive Scanning	N/A	N/A	Refer to manufacturer attestation			

1) Tests were performed using the radiated test method.
2) Channel availability check, detection threshold and non-occupancy period are not applicable to client devices.

MEASUREMENT UNCERTAINTIES

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

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

DFS TEST METHODS

RADIATED TEST METHOD

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

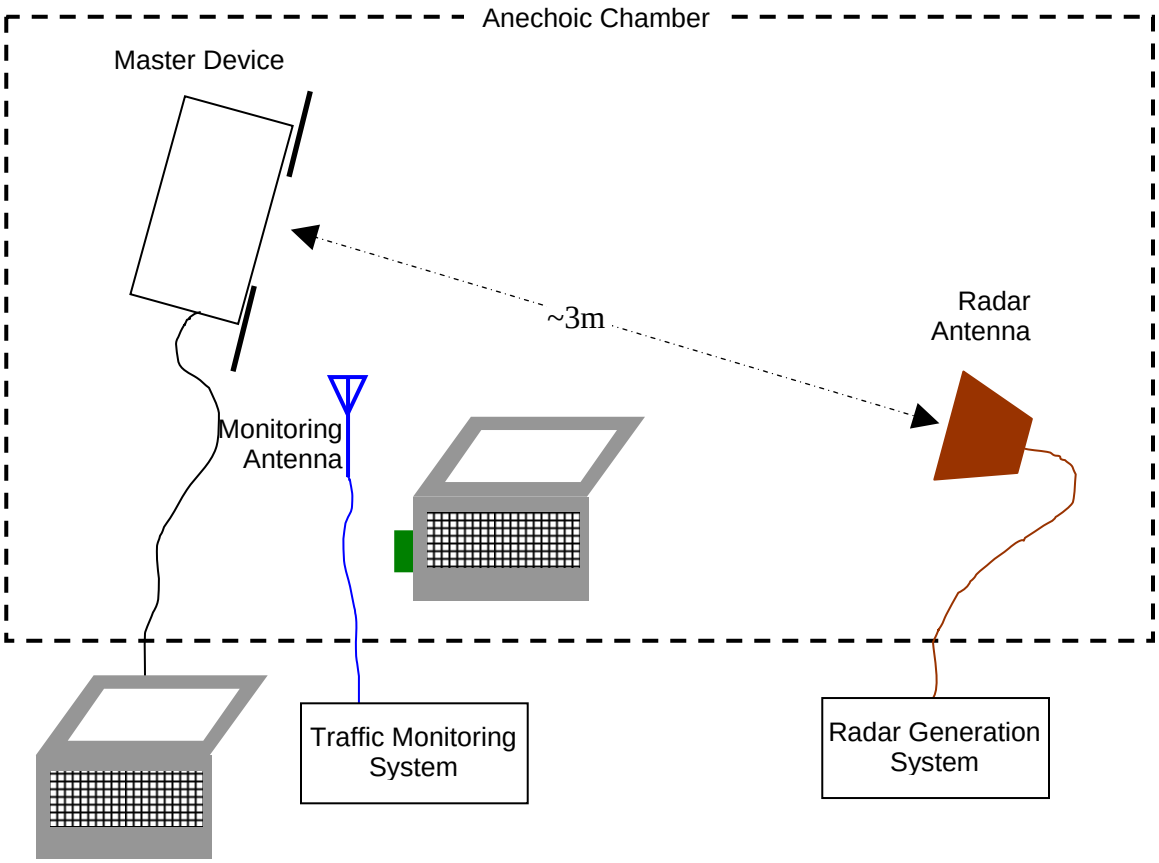


Figure 1 Test Configuration for radiated Measurement Method

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

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

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

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

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

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

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

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

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

CHANNEL MONITORING SYSTEM

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

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

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

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

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

DFS MEASUREMENT METHODS

DFS RADAR DETECTION BANDWIDTH

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

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

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

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

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

DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

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

DFS CHANNEL AVAILABILITY CHECK TIME

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

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

UNIFORM LOADING

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

TRANSMIT POWER CONTROL (TPC)

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

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

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

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

THRESHOLD LEVEL

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

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

Appendix A Test Equipment Calibration Data

Manufacturer	Description	Model #	Asset #	Cal Due
EMCO	Antenna, Horn, 1-18GHz	3115	868	08-Jun-12
Hewlett Packard	EMC Spectrum Analyzer, 9 KHz-26.5 GHz	8593EM	1141	14-Dec-12
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

HT 40

Table 6 - HT40Detection Bandwidth Measurements (Bandwidth: +22MHz /-22MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5287.00 MHz	0	3	0
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5288.00 MHz	9	1	90
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5289.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5290.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5291.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5292.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5293.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5294.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5295.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5296.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5297.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5298.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5299.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5300.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5301.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5302.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5303.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5304.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5305.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5306.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5307.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5308.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5309.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5310.00 MHz	10	0	100

Table 6 - HT40Detection Bandwidth Measurements (Bandwidth: +22MHz /-22MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5311.00 MHz	11	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5312.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5313.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5314.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5315.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5316.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5317.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5318.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5319.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5320.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5321.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5322.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5323.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5324.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5325.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5326.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5327.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5328.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5329.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5330.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5331.00 MHz	10	0	100
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5332.00 MHz	9	1	90
5310.00 MHz	FCC Short Pulse Radar (Type 1)	5333.00 MHz	1	3	25

Table 7 - Summary of All Results - HT40				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	90	PASSED

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5331.0MHz, -64.0dBm	Hop sequence: 5636, 5586, 5528, 5429, 5494, 5422, 5518, 5393, 5577, 5263, 5440, 5376, 5503, 5564, 5439, 5533, 5666, 5446, 5463, 5611, 5656, 5279, 5375, 5368, 5704, 5554, 5412, 5616, 5321, 5652, 5420, 5365, 5415, 5672, 5283, 5563, 5492, 5578, 5387, 5374, 5456, 5519, 5371, 5726, 5480, 5658, 5598, 5576, 5397, 5696, 5502, 5608, 5289, 5531, 5633, 5414, 5559, 5259, 5331, 5353, 5363, 5659, 5295, 5348, 5625, 5454, 5654, 5435, 5708, 5395, 5709, 5255, 5411, 5385, 5721, 5720, 5714, 5265, 5552, 5637, 5604, 5354, 5710, 5702, 5373, 5688, 5301, 5630, 5530, 5273, 5479, 5669, 5628, 5360, 5561, 5282, 5701, 5543, 5451, 5570 (5 hits) (01/20/2012 03:15:45 PM)
2	9	1.0	333.0	Yes	5332.0MHz, -64.0dBm	Hop sequence: 5343, 5259, 5649, 5524, 5719, 5450, 5593, 5357, 5435, 5515, 5667, 5418, 5603, 5602, 5522, 5367, 5676, 5267, 5280, 5613, 5374, 5486, 5708, 5586, 5353, 5655, 5335, 5621, 5363, 5686, 5670, 5724, 5579, 5411, 5275, 5640, 5541, 5673, 5412, 5443, 5471, 5380, 5308, 5406, 5700, 5348, 5385, 5257, 5528, 5692, 5626, 5508, 5324, 5483, 5360, 5633, 5697, 5689, 5506, 5622, 5372, 5425, 5548, 5252, 5364, 5646, 5534, 5303, 5580, 5368, 5454, 5484, 5671, 5398, 5445, 5526, 5266, 5362, 5565, 5447, 5426, 5591, 5659, 5285, 5330, 5465, 5437, 5358, 5696, 5713, 5314, 5532, 5568, 5260, 5291, 5717, 5663, 5262, 5502, 5410 (6 hits) (01/20/2012 03:16:04 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
3	9	1.0	333.0	Yes	5288.0MHz, -64.0dBm	Hop sequence: 5673, 5398, 5271, 5390, 5454, 5496, 5307, 5360, 5331, 5252, 5266, 5478, 5553, 5617, 5309, 5723, 5665, 5383, 5368, 5563, 5501, 5619, 5629, 5639, 5261, 5548, 5425, 5273, 5470, 5462, 5251, 5576, 5552, 5670, 5695, 5506, 5491, 5369, 5584, 5641, 5279, 5292, 5611, 5570, 5508, 5589, 5287, 5597, 5513, 5381, 5663, 5709, 5335, 5388, 5661, 5539, 5430, 5600, 5652, 5653, 5505, 5701, 5262, 5621, 5270, 5408, 5347, 5571, 5690, 5459, 5687, 5280, 5714, 5708, 5565, 5284, 5520, 5632, 5358, 5308, 5301, 5720, 5413, 5421, 5650, 5384, 5426, 5613, 5676, 5476, 5374, 5545, 5534, 5403, 5530, 5387, 5492, 5577, 5557, 5699 (6 hits) (01/20/2012 03:16:18 PM)
4	9	1.0	333.0	Yes	5289.0MHz, -64.0dBm	Hop sequence: 5570, 5723, 5708, 5724, 5428, 5480, 5579, 5700, 5309, 5508, 5517, 5403, 5717, 5525, 5670, 5321, 5329, 5317, 5642, 5643, 5612, 5358, 5697, 5571, 5594, 5580, 5721, 5602, 5301, 5575, 5472, 5434, 5298, 5483, 5495, 5511, 5425, 5274, 5384, 5496, 5337, 5561, 5565, 5676, 5545, 5503, 5672, 5702, 5590, 5547, 5502, 5286, 5567, 5359, 5283, 5356, 5471, 5465, 5295, 5476, 5586, 5363, 5277, 5367, 5625, 5665, 5521, 5313, 5278, 5458, 5466, 5627, 5658, 5536, 5392, 5639, 5651, 5315, 5440, 5424, 5451, 5706, 5722, 5338, 5603, 5346, 5593, 5657, 5548, 5446, 5454, 5523, 5378, 5334, 5253, 5647, 5640, 5318, 5372, 5266 (10 hits) (01/20/2012 03:16:30 PM)
5	9	1.0	333.0	Yes	5290.0MHz, -64.0dBm	Hop sequence: 5657, 5518, 5558, 5476, 5457, 5710, 5620, 5287, 5310, 5496, 5474, 5628, 5343, 5266, 5289, 5381, 5367, 5438, 5506, 5352, 5409, 5423, 5719, 5646, 5373, 5491, 5562, 5308, 5467, 5428, 5460, 5362, 5429, 5355, 5257, 5571, 5527, 5271, 5470, 5387, 5315, 5371, 5711, 5512, 5375, 5516, 5471, 5572, 5259, 5379, 5311, 5633, 5509,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5422, 5404, 5565, 5333, 5388, 5641, 5435, 5469, 5712, 5693, 5675, 5642, 5504, 5296, 5540, 5617, 5584, 5681, 5597, 5722, 5357, 5644, 5433, 5716, 5484, 5314, 5622, 5391, 5715, 5705, 5542, 5456, 5723, 5530, 5704, 5676, 5336, 5312, 5593, 5529, 5488, 5609, 5378, 5300, 5608, 5707, 5322 (10 hits) (01/20/2012 03:16:43 PM)
6	9	1.0	333.0	Yes	5291.0MHz, -64.0dBm	Hop sequence: 5409, 5561, 5328, 5574, 5696, 5261, 5257, 5664, 5405, 5483, 5592, 5536, 5272, 5343, 5442, 5511, 5342, 5632, 5530, 5495, 5507, 5321, 5455, 5336, 5363, 5369, 5290, 5410, 5633, 5448, 5384, 5310, 5259, 5546, 5307, 5471, 5418, 5475, 5576, 5694, 5356, 5446, 5339, 5428, 5532, 5270, 5645, 5570, 5523, 5443, 5269, 5465, 5392, 5379, 5504, 5351, 5294, 5312, 5357, 5353, 5425, 5398, 5490, 5719, 5274, 5579, 5461, 5661, 5300, 5419, 5432, 5636, 5298, 5629, 5611, 5316, 5391, 5325, 5360, 5614, 5609, 5653, 5491, 5588, 5467, 5512, 5595, 5469, 5721, 5451, 5716, 5394, 5643, 5649, 5393, 5510, 5470, 5563, 5656, 5493 (11 hits) (01/20/2012 03:16:58 PM)
7	9	1.0	333.0	Yes	5292.0MHz, -64.0dBm	Hop sequence: 5442, 5550, 5396, 5319, 5381, 5314, 5515, 5476, 5403, 5258, 5619, 5308, 5305, 5615, 5659, 5666, 5451, 5392, 5270, 5549, 5462, 5633, 5470, 5542, 5390, 5562, 5520, 5359, 5416, 5651, 5677, 5367, 5712, 5432, 5296, 5463, 5329, 5331, 5388, 5537, 5672, 5521, 5538, 5302, 5448, 5577, 5593, 5532, 5417, 5622, 5363, 5480, 5605, 5437, 5353, 5599, 5667, 5504, 5475, 5663, 5455, 5673, 5649, 5629, 5449, 5658, 5694, 5616, 5368, 5356, 5441, 5328, 5294, 5283, 5259, 5251, 5585, 5627, 5438, 5511, 5355, 5536, 5393, 5508, 5366, 5440, 5676, 5543, 5653, 5660, 5691, 5484, 5262, 5611, 5330, 5338, 5545, 5256, 5408, 5253 (11 hits) (01/20/2012 03:17:12 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
8	9	1.0	333.0	Yes	5293.0MHz, -64.0dBm	Hop sequence: 5307, 5439, 5383, 5704, 5332, 5562, 5559, 5361, 5580, 5609, 5657, 5452, 5526, 5591, 5477, 5457, 5379, 5286, 5541, 5649, 5387, 5259, 5598, 5372, 5476, 5538, 5445, 5554, 5617, 5594, 5366, 5558, 5673, 5683, 5501, 5256, 5529, 5514, 5472, 5651, 5637, 5636, 5565, 5353, 5661, 5653, 5385, 5324, 5278, 5363, 5300, 5451, 5497, 5408, 5525, 5528, 5670, 5659, 5621, 5714, 5703, 5333, 5254, 5723, 5668, 5719, 5498, 5579, 5485, 5304, 5265, 5584, 5561, 5623, 5318, 5391, 5338, 5689, 5709, 5294, 5697, 5449, 5474, 5695, 5325, 5482, 5357, 5450, 5557, 5340, 5507, 5359, 5596, 5295, 5633, 5296, 5484, 5708, 5275, 5374 (10 hits) (01/20/2012 03:17:31 PM)
9	9	1.0	333.0	Yes	5294.0MHz, -64.0dBm	Hop sequence: 5539, 5351, 5260, 5585, 5336, 5584, 5462, 5288, 5724, 5356, 5467, 5692, 5263, 5268, 5725, 5525, 5253, 5590, 5638, 5470, 5615, 5291, 5311, 5611, 5296, 5583, 5299, 5538, 5440, 5697, 5437, 5551, 5537, 5698, 5685, 5310, 5500, 5636, 5672, 5307, 5720, 5259, 5492, 5588, 5667, 5269, 5663, 5375, 5376, 5425, 5495, 5689, 5415, 5308, 5595, 5521, 5618, 5453, 5340, 5567, 5365, 5683, 5337, 5598, 5388, 5412, 5350, 5499, 5660, 5719, 5341, 5472, 5402, 5642, 5709, 5331, 5639, 5536, 5464, 5445, 5592, 5293, 5257, 5508, 5357, 5560, 5420, 5366, 5518, 5404, 5272, 5509, 5625, 5324, 5463, 5651, 5433, 5254, 5613, 5371 (11 hits) (01/20/2012 03:17:46 PM)
10	9	1.0	333.0	Yes	5295.0MHz, -64.0dBm	Hop sequence: 5589, 5563, 5442, 5419, 5487, 5682, 5460, 5641, 5677, 5702, 5620, 5723, 5426, 5317, 5301, 5572, 5673, 5653, 5420, 5357, 5570, 5259, 5376, 5391, 5569, 5386, 5261, 5583, 5692, 5256, 5347, 5354, 5484, 5521, 5342, 5679, 5704, 5329, 5594, 5559, 5549, 5367, 5324, 5690, 5531, 5311, 5488, 5495, 5552, 5480, 5562, 5452, 5547,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5666, 5310, 5606, 5605, 5282, 5489, 5322, 5294, 5622, 5662, 5463, 5456, 5685, 5708, 5533, 5336, 5258, 5527, 5474, 5516, 5375, 5278, 5396, 5407, 5694, 5638, 5262, 5304, 5715, 5678, 5351, 5305, 5315, 5617, 5498, 5647, 5438, 5651, 5674, 5707, 5512, 5307, 5309, 5493, 5361, 5267, 5350 (13 hits) (01/20/2012 03:17:56 PM)
11	9	1.0	333.0	Yes	5296.0MHz, -64.0dBm	Hop sequence: 5589, 5299, 5422, 5408, 5410, 5621, 5535, 5273, 5642, 5368, 5650, 5412, 5663, 5325, 5356, 5304, 5718, 5725, 5613, 5332, 5465, 5590, 5707, 5338, 5458, 5582, 5324, 5610, 5288, 5471, 5449, 5416, 5428, 5374, 5253, 5533, 5588, 5608, 5710, 5705, 5618, 5553, 5532, 5480, 5699, 5726, 5254, 5545, 5495, 5639, 5443, 5262, 5478, 5581, 5284, 5682, 5294, 5494, 5564, 5289, 5528, 5435, 5473, 5364, 5609, 5308, 5307, 5503, 5724, 5297, 5554, 5251, 5296, 5563, 5549, 5387, 5620, 5394, 5413, 5686, 5323, 5459, 5485, 5252, 5404, 5619, 5363, 5720, 5657, 5451, 5636, 5312, 5612, 5643, 5530, 5384, 5427, 5685, 5624, 5719 (14 hits) (01/20/2012 03:18:07 PM)
12	9	1.0	333.0	Yes	5297.0MHz, -64.0dBm	Hop sequence: 5383, 5480, 5498, 5268, 5409, 5307, 5514, 5306, 5643, 5457, 5617, 5590, 5683, 5253, 5717, 5250, 5339, 5524, 5595, 5379, 5467, 5560, 5528, 5466, 5633, 5436, 5342, 5583, 5496, 5473, 5275, 5257, 5504, 5287, 5532, 5512, 5556, 5593, 5279, 5690, 5726, 5281, 5658, 5451, 5530, 5319, 5388, 5489, 5693, 5559, 5356, 5481, 5602, 5314, 5264, 5561, 5322, 5543, 5401, 5621, 5636, 5642, 5609, 5417, 5403, 5251, 5296, 5437, 5684, 5278, 5393, 5404, 5706, 5682, 5321, 5422, 5553, 5546, 5258, 5364, 5283, 5439, 5674, 5375, 5392, 5334, 5433, 5441, 5580, 5412, 5377, 5361, 5645, 5652, 5491, 5725, 5509, 5566, 5407, 5326 (8 hits) (01/20/2012 03:18:18 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
13	9	1.0	333.0	Yes	5298.0MHz, -64.0dBm	Hop sequence: 5514, 5308, 5585, 5648, 5442, 5388, 5358, 5626, 5267, 5325, 5532, 5708, 5434, 5463, 5449, 5677, 5268, 5401, 5608, 5507, 5509, 5392, 5526, 5448, 5454, 5318, 5491, 5275, 5320, 5525, 5664, 5313, 5326, 5617, 5510, 5383, 5623, 5291, 5557, 5603, 5545, 5369, 5289, 5436, 5698, 5568, 5637, 5471, 5688, 5530, 5382, 5685, 5381, 5660, 5709, 5684, 5295, 5412, 5421, 5505, 5380, 5718, 5473, 5639, 5651, 5466, 5465, 5365, 5572, 5528, 5376, 5266, 5595, 5438, 5446, 5332, 5589, 5682, 5357, 5590, 5458, 5311, 5704, 5310, 5672, 5550, 5460, 5265, 5314, 5394, 5498, 5539, 5601, 5553, 5391, 5700, 5424, 5428, 5542, 5451 (13 hits) (01/20/2012 03:18:36 PM)
14	9	1.0	333.0	Yes	5299.0MHz, -64.0dBm	Hop sequence: 5340, 5368, 5552, 5581, 5394, 5498, 5451, 5667, 5716, 5447, 5621, 5530, 5671, 5290, 5356, 5469, 5425, 5572, 5385, 5357, 5673, 5701, 5566, 5418, 5428, 5263, 5450, 5612, 5628, 5462, 5411, 5273, 5444, 5419, 5535, 5306, 5513, 5596, 5687, 5412, 5372, 5519, 5348, 5618, 5588, 5360, 5464, 5315, 5352, 5714, 5722, 5478, 5446, 5295, 5293, 5260, 5715, 5627, 5502, 5511, 5465, 5353, 5608, 5639, 5254, 5599, 5355, 5266, 5335, 5525, 5633, 5605, 5424, 5526, 5708, 5657, 5545, 5259, 5442, 5329, 5264, 5320, 5648, 5584, 5359, 5718, 5710, 5500, 5324, 5333, 5532, 5590, 5283, 5528, 5267, 5386, 5281, 5550, 5250, 5663 (8 hits) (01/20/2012 03:18:48 PM)
15	9	1.0	333.0	Yes	5300.0MHz, -64.0dBm	Hop sequence: 5687, 5576, 5263, 5431, 5676, 5415, 5437, 5353, 5558, 5617, 5719, 5486, 5282, 5685, 5441, 5723, 5506, 5579, 5298, 5253, 5708, 5514, 5681, 5481, 5596, 5607, 5549, 5689, 5388, 5473, 5494, 5293, 5705, 5280, 5460, 5658, 5571, 5326, 5553, 5365, 5269, 5477, 5302, 5680, 5665, 5374, 5310, 5511, 5451, 5261, 5480, 5537, 5369,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5277, 5542, 5283, 5381, 5690, 5411, 5286, 5502, 5391, 5648, 5491, 5615, 5362, 5603, 5598, 5458, 5679, 5299, 5436, 5348, 5425, 5525, 5296, 5629, 5724, 5382, 5363, 5659, 5252, 5289, 5712, 5392, 5279, 5654, 5406, 5465, 5709, 5354, 5710, 5331, 5288, 5435, 5454, 5398, 5663, 5634, 5594 (10 hits) (01/20/2012 03:18:58 PM)
16	9	1.0	333.0	Yes	5301.0MHz, -64.0dBm	Hop sequence: 5336, 5341, 5652, 5552, 5424, 5446, 5703, 5472, 5401, 5265, 5432, 5717, 5494, 5318, 5723, 5515, 5399, 5264, 5266, 5364, 5483, 5573, 5500, 5718, 5480, 5250, 5296, 5537, 5413, 5628, 5257, 5721, 5618, 5684, 5627, 5314, 5701, 5279, 5389, 5638, 5256, 5402, 5301, 5634, 5489, 5377, 5715, 5310, 5387, 5293, 5406, 5655, 5253, 5708, 5442, 5430, 5541, 5699, 5649, 5490, 5371, 5508, 5450, 5284, 5540, 5357, 5589, 5322, 5317, 5641, 5313, 5560, 5415, 5328, 5595, 5321, 5254, 5477, 5423, 5271, 5608, 5416, 5291, 5555, 5570, 5467, 5358, 5705, 5529, 5660, 5601, 5373, 5678, 5725, 5680, 5599, 5312, 5474, 5516, 5459 (13 hits) (01/20/2012 03:19:09 PM)
17	9	1.0	333.0	Yes	5302.0MHz, -64.0dBm	Hop sequence: 5457, 5449, 5558, 5473, 5684, 5547, 5388, 5669, 5373, 5563, 5380, 5273, 5601, 5559, 5620, 5435, 5283, 5630, 5312, 5517, 5354, 5450, 5500, 5254, 5399, 5616, 5625, 5420, 5543, 5372, 5393, 5290, 5670, 5579, 5614, 5489, 5381, 5330, 5606, 5722, 5550, 5570, 5417, 5548, 5531, 5710, 5385, 5321, 5628, 5512, 5428, 5406, 5364, 5515, 5353, 5403, 5668, 5603, 5394, 5451, 5468, 5409, 5252, 5485, 5593, 5410, 5285, 5346, 5586, 5455, 5296, 5583, 5525, 5552, 5641, 5429, 5645, 5612, 5378, 5541, 5607, 5259, 5528, 5461, 5471, 5521, 5535, 5675, 5595, 5520, 5700, 5637, 5602, 5355, 5592, 5302, 5331, 5320, 5566, 5264 (8 hits) (01/20/2012 03:19:34 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
18	9	1.0	333.0	Yes	5303.0MHz, -64.0dBm	Hop sequence: 5440, 5591, 5370, 5559, 5329, 5619, 5524, 5273, 5411, 5302, 5337, 5376, 5274, 5653, 5585, 5468, 5504, 5361, 5560, 5284, 5656, 5351, 5322, 5392, 5601, 5706, 5353, 5569, 5538, 5696, 5264, 5643, 5671, 5511, 5439, 5678, 5590, 5327, 5467, 5480, 5525, 5633, 5552, 5592, 5536, 5303, 5470, 5306, 5642, 5398, 5285, 5455, 5400, 5663, 5428, 5251, 5670, 5628, 5676, 5712, 5603, 5475, 5456, 5654, 5716, 5702, 5530, 5677, 5608, 5446, 5624, 5686, 5473, 5708, 5542, 5657, 5626, 5499, 5586, 5680, 5286, 5564, 5280, 5629, 5508, 5636, 5593, 5326, 5472, 5613, 5506, 5498, 5315, 5453, 5659, 5610, 5354, 5555, 5675, 5328 (9 hits) (01/20/2012 03:19:44 PM)
19	9	1.0	333.0	Yes	5304.0MHz, -64.0dBm	Hop sequence: 5324, 5338, 5627, 5305, 5573, 5706, 5395, 5692, 5645, 5484, 5510, 5477, 5601, 5412, 5705, 5640, 5604, 5442, 5466, 5393, 5498, 5394, 5446, 5661, 5583, 5557, 5369, 5278, 5576, 5720, 5260, 5517, 5695, 5602, 5268, 5702, 5546, 5329, 5541, 5633, 5496, 5315, 5388, 5504, 5699, 5397, 5626, 5342, 5672, 5572, 5587, 5371, 5654, 5636, 5619, 5497, 5663, 5691, 5365, 5398, 5532, 5649, 5352, 5570, 5336, 5309, 5685, 5558, 5387, 5589, 5681, 5297, 5634, 5361, 5366, 5294, 5417, 5362, 5314, 5419, 5472, 5715, 5334, 5682, 5594, 5607, 5559, 5653, 5304, 5688, 5450, 5375, 5584, 5630, 5713, 5439, 5511, 5437, 5251, 5345 (9 hits) (01/20/2012 03:19:57 PM)
20	9	1.0	333.0	Yes	5305.0MHz, -64.0dBm	Hop sequence: 5473, 5317, 5549, 5369, 5551, 5441, 5457, 5632, 5372, 5505, 5568, 5630, 5500, 5583, 5638, 5622, 5332, 5564, 5260, 5475, 5490, 5349, 5620, 5359, 5320, 5357, 5541, 5335, 5569, 5401, 5391, 5608, 5460, 5627, 5575, 5477, 5281, 5445, 5430, 5324, 5274, 5721, 5478, 5678, 5524, 5710, 5722, 5395, 5380, 5424, 5341, 5687, 5487,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5703, 5539, 5561, 5315, 5306, 5623, 5326, 5607, 5333, 5657, 5296, 5701, 5566, 5592, 5310, 5303, 5590, 5370, 5347, 5265, 5376, 5559, 5690, 5504, 5686, 5305, 5613, 5321, 5351, 5674, 5446, 5545, 5633, 5672, 5661, 5695, 5626, 5646, 5408, 5268, 5293, 5322, 5389, 5276, 5499, 5526, 5280 (14 hits) (01/20/2012 03:20:07 PM)
21	9	1.0	333.0	Yes	5306.0MHz, -64.0dBm	Hop sequence: 5649, 5641, 5549, 5253, 5429, 5577, 5720, 5347, 5570, 5497, 5285, 5362, 5371, 5449, 5324, 5405, 5513, 5488, 5572, 5718, 5643, 5310, 5658, 5282, 5259, 5506, 5532, 5316, 5415, 5401, 5722, 5464, 5289, 5686, 5596, 5484, 5666, 5380, 5696, 5605, 5452, 5589, 5278, 5619, 5622, 5283, 5517, 5409, 5423, 5258, 5485, 5505, 5387, 5448, 5270, 5426, 5657, 5297, 5709, 5342, 5293, 5349, 5291, 5531, 5417, 5385, 5344, 5707, 5509, 5667, 5327, 5675, 5357, 5545, 5274, 5267, 5451, 5466, 5365, 5629, 5435, 5303, 5331, 5713, 5406, 5320, 5416, 5358, 5535, 5612, 5465, 5296, 5309, 5490, 5444, 5384, 5473, 5326, 5527, 5356 (14 hits) (01/20/2012 03:20:19 PM)
22	9	1.0	333.0	Yes	5307.0MHz, -64.0dBm	Hop sequence: 5261, 5640, 5475, 5595, 5340, 5299, 5264, 5408, 5345, 5294, 5257, 5632, 5287, 5500, 5329, 5490, 5510, 5656, 5643, 5411, 5333, 5487, 5517, 5542, 5657, 5276, 5674, 5464, 5474, 5310, 5473, 5707, 5275, 5722, 5544, 5403, 5252, 5368, 5302, 5706, 5426, 5543, 5253, 5433, 5513, 5381, 5709, 5503, 5251, 5575, 5354, 5497, 5539, 5649, 5396, 5555, 5698, 5348, 5576, 5430, 5254, 5535, 5424, 5393, 5639, 5536, 5364, 5320, 5327, 5458, 5607, 5621, 5501, 5566, 5323, 5551, 5399, 5406, 5699, 5360, 5682, 5601, 5375, 5265, 5628, 5322, 5353, 5262, 5409, 5673, 5347, 5580, 5417, 5370, 5288, 5493, 5269, 5691, 5454, 5470 (10 hits) (01/20/2012 03:20:30 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
23	9	1.0	333.0	Yes	5308.0MHz, -64.0dBm	Hop sequence: 5469, 5454, 5300, 5723, 5563, 5264, 5686, 5362, 5636, 5268, 5536, 5682, 5683, 5576, 5598, 5423, 5460, 5486, 5713, 5387, 5301, 5567, 5696, 5308, 5654, 5267, 5551, 5621, 5688, 5391, 5252, 5555, 5703, 5697, 5578, 5265, 5425, 5498, 5530, 5393, 5471, 5610, 5676, 5339, 5283, 5508, 5660, 5439, 5344, 5704, 5700, 5637, 5632, 5690, 5652, 5681, 5661, 5478, 5485, 5444, 5490, 5338, 5408, 5411, 5592, 5377, 5279, 5433, 5456, 5523, 5458, 5399, 5314, 5525, 5566, 5643, 5702, 5394, 5398, 5622, 5448, 5452, 5607, 5288, 5431, 5662, 5515, 5692, 5286, 5329, 5429, 5497, 5250, 5691, 5294, 5572, 5650, 5306, 5685, 5346 (8 hits) (01/20/2012 03:20:54 PM)
24	9	1.0	333.0	Yes	5309.0MHz, -64.0dBm	Hop sequence: 5355, 5417, 5484, 5301, 5693, 5676, 5576, 5358, 5625, 5410, 5406, 5524, 5309, 5492, 5708, 5554, 5686, 5353, 5701, 5592, 5416, 5712, 5403, 5695, 5702, 5436, 5414, 5396, 5422, 5467, 5428, 5476, 5431, 5690, 5278, 5617, 5409, 5475, 5275, 5556, 5630, 5658, 5596, 5386, 5725, 5672, 5394, 5581, 5473, 5294, 5497, 5316, 5665, 5525, 5438, 5415, 5423, 5454, 5329, 5451, 5720, 5520, 5713, 5447, 5626, 5678, 5634, 5619, 5405, 5330, 5371, 5311, 5332, 5532, 5299, 5464, 5504, 5259, 5461, 5331, 5381, 5646, 5606, 5562, 5314, 5286, 5631, 5614, 5673, 5369, 5258, 5255, 5367, 5551, 5513, 5362, 5536, 5522, 5692, 5671 (11 hits) (01/20/2012 03:21:05 PM)
25	9	1.0	333.0	Yes	5310.0MHz, -64.0dBm	Hop sequence: 5515, 5672, 5362, 5364, 5721, 5632, 5668, 5631, 5596, 5443, 5284, 5270, 5654, 5622, 5593, 5313, 5670, 5464, 5363, 5377, 5717, 5586, 5317, 5360, 5250, 5280, 5570, 5637, 5551, 5710, 5707, 5567, 5514, 5279, 5370, 5462, 5484, 5552, 5719, 5283, 5550, 5422, 5460, 5602, 5521, 5411, 5361, 5597, 5557, 5372, 5692, 5289, 5433,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5577, 5314, 5616, 5296, 5382, 5351, 5316, 5455, 5324, 5509, 5423, 5271, 5338, 5458, 5554, 5453, 5366, 5350, 5405, 5527, 5533, 5706, 5374, 5600, 5257, 5344, 5582, 5645, 5641, 5286, 5665, 5254, 5478, 5569, 5329, 5523, 5712, 5647, 5469, 5666, 5266, 5265, 5312, 5716, 5649, 5282, 5677 (9 hits) (01/20/2012 03:21:17 PM)
26	9	1.0	333.0	Yes	5311.0MHz, -64.0dBm	Hop sequence: 5388, 5726, 5559, 5582, 5694, 5415, 5701, 5496, 5270, 5645, 5662, 5519, 5480, 5555, 5457, 5401, 5539, 5469, 5377, 5322, 5441, 5450, 5632, 5535, 5427, 5569, 5436, 5375, 5294, 5706, 5303, 5548, 5383, 5452, 5279, 5358, 5631, 5325, 5599, 5657, 5607, 5527, 5428, 5617, 5473, 5578, 5532, 5252, 5520, 5434, 5685, 5332, 5501, 5472, 5343, 5566, 5570, 5490, 5720, 5622, 5571, 5275, 5443, 5554, 5552, 5464, 5486, 5268, 5592, 5528, 5640, 5334, 5283, 5529, 5277, 5705, 5536, 5651, 5476, 5504, 5438, 5350, 5544, 5312, 5293, 5531, 5347, 5467, 5308, 5482, 5307, 5583, 5676, 5540, 5688, 5448, 5683, 5636, 5687, 5330 (10 hits) (01/20/2012 03:21:28 PM)
27	9	1.0	333.0	Yes	5312.0MHz, -64.0dBm	Hop sequence: 5454, 5450, 5457, 5611, 5385, 5608, 5301, 5254, 5721, 5681, 5692, 5327, 5603, 5511, 5650, 5279, 5561, 5689, 5491, 5392, 5699, 5717, 5341, 5328, 5452, 5361, 5339, 5411, 5481, 5258, 5566, 5509, 5294, 5407, 5711, 5516, 5548, 5542, 5475, 5641, 5685, 5287, 5400, 5410, 5425, 5402, 5616, 5706, 5372, 5669, 5383, 5631, 5319, 5563, 5526, 5338, 5556, 5674, 5413, 5270, 5455, 5281, 5504, 5697, 5552, 5394, 5632, 5474, 5625, 5543, 5675, 5523, 5644, 5528, 5664, 5435, 5467, 5363, 5378, 5615, 5622, 5503, 5256, 5428, 5381, 5344, 5443, 5380, 5594, 5445, 5440, 5458, 5456, 5614, 5446, 5307, 5630, 5291, 5329, 5703 (8 hits) (01/20/2012 03:21:39 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5313.0MHz, -64.0dBm	Hop sequence: 5448, 5497, 5496, 5607, 5575, 5495, 5545, 5700, 5552, 5396, 5469, 5617, 5685, 5542, 5331, 5346, 5667, 5421, 5307, 5539, 5671, 5627, 5264, 5464, 5620, 5326, 5386, 5695, 5725, 5482, 5472, 5400, 5410, 5594, 5467, 5656, 5373, 5494, 5548, 5355, 5707, 5281, 5318, 5566, 5376, 5443, 5692, 5560, 5680, 5343, 5319, 5718, 5527, 5600, 5723, 5565, 5670, 5719, 5646, 5287, 5686, 5253, 5315, 5689, 5499, 5489, 5259, 5299, 5399, 5722, 5681, 5339, 5302, 5484, 5626, 5558, 5311, 5303, 5322, 5534, 5550, 5470, 5572, 5511, 5475, 5381, 5362, 5619, 5623, 5309, 5481, 5363, 5378, 5622, 5351, 5703, 5568, 5257, 5556, 5490 (12 hits) (01/20/2012 03:21:49 PM)
29	9	1.0	333.0	Yes	5314.0MHz, -64.0dBm	Hop sequence: 5481, 5423, 5386, 5543, 5259, 5368, 5703, 5319, 5326, 5398, 5544, 5656, 5645, 5665, 5285, 5443, 5646, 5299, 5505, 5498, 5342, 5628, 5295, 5633, 5280, 5465, 5701, 5532, 5376, 5301, 5684, 5490, 5415, 5531, 5549, 5589, 5621, 5310, 5533, 5657, 5605, 5357, 5652, 5445, 5355, 5404, 5388, 5420, 5284, 5277, 5474, 5672, 5523, 5705, 5390, 5659, 5303, 5287, 5405, 5534, 5636, 5260, 5371, 5254, 5647, 5520, 5334, 5322, 5568, 5298, 5347, 5681, 5341, 5279, 5588, 5381, 5696, 5478, 5366, 5695, 5667, 5535, 5677, 5685, 5666, 5424, 5489, 5514, 5517, 5551, 5482, 5408, 5611, 5497, 5692, 5616, 5501, 5587, 5265, 5455 (9 hits) (01/20/2012 03:22:02 PM)
30	9	1.0	333.0	Yes	5315.0MHz, -64.0dBm	Hop sequence: 5533, 5658, 5358, 5283, 5306, 5347, 5257, 5563, 5355, 5298, 5375, 5508, 5606, 5589, 5294, 5483, 5611, 5593, 5645, 5491, 5725, 5705, 5554, 5674, 5544, 5313, 5311, 5341, 5567, 5667, 5448, 5259, 5720, 5365, 5363, 5629, 5688, 5303, 5348, 5486, 5399, 5478, 5349, 5520, 5401, 5595, 5485, 5713, 5597, 5254, 5352, 5699, 5396,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5633, 5498, 5660, 5546, 5653, 5461, 5395, 5370, 5437, 5424, 5519, 5462, 5507, 5371, 5673, 5525, 5609, 5722, 5288, 5678, 5631, 5656, 5573, 5337, 5459, 5630, 5617, 5258, 5615, 5266, 5600, 5456, 5598, 5316, 5327, 5506, 5613, 5376, 5275, 5434, 5403, 5331, 5357, 5330, 5523, 5351, 5545 (11 hits) (01/20/2012 03:22:11 PM)
31	9	1.0	333.0	Yes	5316.0MHz, -64.0dBm	Hop sequence: 5552, 5491, 5515, 5692, 5634, 5550, 5553, 5673, 5600, 5485, 5267, 5411, 5300, 5693, 5349, 5370, 5308, 5698, 5507, 5568, 5405, 5638, 5264, 5351, 5660, 5296, 5696, 5632, 5621, 5628, 5329, 5357, 5516, 5557, 5530, 5717, 5591, 5313, 5611, 5650, 5394, 5278, 5498, 5667, 5355, 5671, 5270, 5598, 5303, 5414, 5353, 5341, 5423, 5672, 5375, 5430, 5340, 5564, 5420, 5554, 5490, 5510, 5648, 5575, 5546, 5319, 5304, 5588, 5473, 5579, 5636, 5342, 5689, 5620, 5331, 5724, 5582, 5596, 5372, 5513, 5327, 5664, 5501, 5307, 5652, 5321, 5298, 5408, 5440, 5429, 5661, 5615, 5293, 5531, 5310, 5514, 5360, 5708, 5252, 5273 (15 hits) (01/20/2012 03:22:23 PM)
32	9	1.0	333.0	Yes	5317.0MHz, -64.0dBm	Hop sequence: 5612, 5474, 5362, 5587, 5566, 5320, 5540, 5545, 5512, 5549, 5682, 5567, 5386, 5496, 5269, 5286, 5487, 5434, 5439, 5292, 5581, 5621, 5452, 5440, 5290, 5374, 5613, 5651, 5532, 5701, 5491, 5724, 5451, 5609, 5437, 5304, 5671, 5274, 5536, 5687, 5442, 5401, 5423, 5409, 5611, 5680, 5653, 5508, 5477, 5525, 5371, 5448, 5506, 5555, 5668, 5689, 5604, 5619, 5725, 5336, 5708, 5715, 5397, 5256, 5276, 5494, 5497, 5630, 5712, 5519, 5499, 5357, 5684, 5610, 5627, 5426, 5309, 5550, 5443, 5537, 5457, 5659, 5318, 5473, 5672, 5584, 5330, 5435, 5608, 5263, 5500, 5703, 5591, 5273, 5695, 5586, 5342, 5620, 5595, 5590 (7 hits) (01/20/2012 03:22:31 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
33	9	1.0	333.0	Yes	5318.0MHz, -64.0dBm	Hop sequence: 5381, 5273, 5266, 5339, 5435, 5424, 5572, 5272, 5452, 5441, 5446, 5513, 5434, 5579, 5665, 5563, 5686, 5713, 5612, 5617, 5528, 5511, 5327, 5500, 5488, 5467, 5286, 5567, 5642, 5571, 5374, 5348, 5312, 5624, 5418, 5691, 5394, 5651, 5548, 5448, 5491, 5260, 5633, 5384, 5644, 5611, 5285, 5363, 5315, 5279, 5269, 5484, 5276, 5657, 5598, 5523, 5454, 5582, 5537, 5362, 5636, 5300, 5711, 5529, 5408, 5398, 5641, 5632, 5464, 5460, 5311, 5663, 5344, 5377, 5542, 5570, 5526, 5486, 5564, 5282, 5555, 5610, 5386, 5709, 5569, 5685, 5481, 5676, 5298, 5615, 5514, 5712, 5629, 5640, 5352, 5387, 5715, 5669, 5310, 5453 (7 hits) (01/20/2012 03:22:40 PM)
34	9	1.0	333.0	Yes	5319.0MHz, -64.0dBm	Hop sequence: 5427, 5431, 5407, 5655, 5472, 5455, 5651, 5321, 5599, 5464, 5613, 5590, 5531, 5641, 5307, 5606, 5559, 5264, 5363, 5708, 5364, 5357, 5678, 5615, 5699, 5720, 5443, 5474, 5541, 5323, 5274, 5262, 5584, 5379, 5462, 5715, 5627, 5318, 5518, 5683, 5450, 5402, 5437, 5328, 5488, 5356, 5687, 5576, 5376, 5446, 5494, 5694, 5486, 5254, 5582, 5630, 5701, 5583, 5460, 5419, 5441, 5493, 5667, 5433, 5662, 5316, 5617, 5666, 5545, 5265, 5686, 5602, 5276, 5365, 5623, 5556, 5628, 5672, 5501, 5339, 5543, 5405, 5601, 5489, 5523, 5294, 5465, 5698, 5292, 5404, 5324, 5567, 5479, 5568, 5360, 5673, 5612, 5643, 5271, 5385 (9 hits) (01/20/2012 03:22:49 PM)
35	9	1.0	333.0	Yes	5320.0MHz, -64.0dBm	Hop sequence: 5324, 5580, 5404, 5709, 5485, 5406, 5268, 5521, 5296, 5285, 5350, 5690, 5293, 5434, 5604, 5486, 5483, 5258, 5449, 5261, 5522, 5726, 5402, 5464, 5364, 5408, 5672, 5703, 5572, 5410, 5390, 5588, 5545, 5505, 5481, 5610, 5437, 5720, 5297, 5489, 5638, 5605, 5475, 5448, 5348, 5653, 5447, 5373, 5574, 5541, 5518, 5614, 5407,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5443, 5687, 5556, 5484, 5512, 5343, 5451, 5608, 5331, 5663, 5584, 5466, 5455, 5400, 5650, 5342, 5704, 5458, 5494, 5266, 5586, 5315, 5619, 5627, 5263, 5612, 5321, 5319, 5626, 5641, 5642, 5543, 5640, 5398, 5532, 5654, 5719, 5509, 5452, 5292, 5688, 5376, 5416, 5440, 5256, 5697, 5439 (9 hits) (01/20/2012 03:23:00 PM)
36	9	1.0	333.0	Yes	5321.0MHz, -64.0dBm	Hop sequence: 5515, 5392, 5413, 5425, 5488, 5511, 5569, 5390, 5434, 5400, 5503, 5491, 5635, 5446, 5402, 5450, 5315, 5367, 5499, 5697, 5705, 5379, 5354, 5251, 5661, 5622, 5385, 5647, 5347, 5362, 5531, 5611, 5448, 5322, 5287, 5484, 5348, 5589, 5602, 5306, 5579, 5291, 5539, 5407, 5663, 5574, 5285, 5659, 5265, 5597, 5371, 5397, 5296, 5254, 5269, 5308, 5498, 5283, 5478, 5474, 5340, 5435, 5560, 5652, 5675, 5255, 5460, 5650, 5583, 5621, 5336, 5637, 5461, 5329, 5343, 5556, 5578, 5683, 5670, 5698, 5280, 5334, 5358, 5604, 5573, 5437, 5318, 5346, 5671, 5507, 5456, 5399, 5391, 5276, 5614, 5313, 5394, 5471, 5656, 5639 (9 hits) (01/20/2012 03:23:08 PM)
37	9	1.0	333.0	Yes	5322.0MHz, -64.0dBm	Hop sequence: 5278, 5549, 5336, 5311, 5300, 5682, 5260, 5617, 5485, 5382, 5489, 5470, 5590, 5724, 5417, 5325, 5512, 5723, 5618, 5384, 5675, 5371, 5263, 5569, 5449, 5419, 5606, 5430, 5564, 5668, 5719, 5641, 5312, 5405, 5469, 5645, 5536, 5415, 5307, 5691, 5710, 5665, 5583, 5534, 5707, 5689, 5388, 5552, 5320, 5714, 5687, 5348, 5457, 5368, 5386, 5399, 5258, 5267, 5321, 5613, 5688, 5436, 5362, 5560, 5301, 5601, 5625, 5373, 5694, 5661, 5603, 5690, 5648, 5660, 5443, 5478, 5484, 5479, 5502, 5272, 5344, 5282, 5435, 5615, 5453, 5659, 5438, 5519, 5580, 5428, 5487, 5421, 5677, 5551, 5620, 5471, 5403, 5588, 5685, 5313 (9 hits) (01/20/2012 03:23:19 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
38	9	1.0	333.0	Yes	5323.0MHz, -64.0dBm	Hop sequence: 5660, 5695, 5436, 5325, 5663, 5683, 5272, 5383, 5366, 5491, 5682, 5499, 5627, 5351, 5438, 5567, 5430, 5260, 5530, 5345, 5687, 5705, 5385, 5501, 5324, 5374, 5289, 5518, 5614, 5382, 5263, 5288, 5417, 5595, 5692, 5576, 5661, 5480, 5420, 5434, 5512, 5714, 5358, 5415, 5270, 5386, 5423, 5264, 5592, 5630, 5688, 5294, 5399, 5548, 5698, 5641, 5339, 5418, 5346, 5722, 5266, 5365, 5496, 5588, 5589, 5632, 5667, 5437, 5609, 5407, 5579, 5277, 5598, 5537, 5293, 5443, 5457, 5628, 5291, 5391, 5657, 5626, 5476, 5453, 5458, 5601, 5621, 5274, 5349, 5445, 5410, 5276, 5680, 5498, 5479, 5389, 5624, 5478, 5465, 5717 (7 hits) (01/20/2012 03:23:29 PM)
39	9	1.0	333.0	Yes	5324.0MHz, -64.0dBm	Hop sequence: 5687, 5512, 5462, 5304, 5648, 5472, 5338, 5346, 5706, 5509, 5487, 5584, 5360, 5672, 5701, 5579, 5569, 5277, 5663, 5651, 5336, 5581, 5707, 5279, 5660, 5409, 5668, 5394, 5586, 5583, 5539, 5712, 5661, 5383, 5446, 5511, 5315, 5636, 5658, 5391, 5534, 5625, 5347, 5287, 5429, 5348, 5631, 5298, 5577, 5353, 5292, 5647, 5258, 5485, 5691, 5698, 5559, 5610, 5517, 5686, 5376, 5607, 5524, 5275, 5502, 5260, 5404, 5595, 5430, 5725, 5459, 5324, 5654, 5708, 5500, 5250, 5713, 5634, 5491, 5334, 5441, 5643, 5604, 5639, 5323, 5425, 5291, 5597, 5341, 5705, 5269, 5562, 5431, 5602, 5629, 5262, 5626, 5370, 5379, 5656 (7 hits) (01/20/2012 03:23:48 PM)
40	9	1.0	333.0	Yes	5325.0MHz, -64.0dBm	Hop sequence: 5651, 5666, 5392, 5484, 5454, 5588, 5519, 5564, 5420, 5701, 5335, 5276, 5438, 5558, 5565, 5449, 5555, 5530, 5472, 5517, 5632, 5269, 5408, 5452, 5631, 5586, 5426, 5529, 5693, 5553, 5266, 5300, 5317, 5506, 5587, 5537, 5415, 5515, 5431, 5575, 5416, 5569, 5582, 5597, 5678, 5648, 5258, 5311, 5715, 5534, 5591, 5610, 5264,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5684, 5284, 5464, 5306, 5339, 5412, 5627, 5366, 5655, 5502, 5296, 5499, 5509, 5592, 5292, 5624, 5316, 5616, 5312, 5634, 5302, 5703, 5364, 5722, 5352, 5385, 5609, 5713, 5427, 5257, 5643, 5397, 5672, 5304, 5322, 5354, 5435, 5288, 5548, 5585, 5645, 5644, 5546, 5359, 5272, 5527, 5319 (13 hits) (01/20/2012 03:24:03 PM)
41	9	1.0	333.0	Yes	5326.0MHz, -64.0dBm	Hop sequence: 5411, 5706, 5714, 5376, 5590, 5686, 5691, 5456, 5369, 5715, 5485, 5339, 5638, 5291, 5718, 5614, 5447, 5399, 5572, 5580, 5595, 5722, 5417, 5420, 5317, 5672, 5724, 5543, 5473, 5545, 5351, 5515, 5345, 5493, 5380, 5608, 5591, 5529, 5324, 5395, 5445, 5406, 5375, 5372, 5444, 5620, 5656, 5448, 5455, 5481, 5396, 5352, 5359, 5523, 5355, 5367, 5451, 5488, 5315, 5593, 5424, 5667, 5347, 5332, 5450, 5454, 5431, 5287, 5382, 5255, 5337, 5716, 5551, 5331, 5476, 5684, 5377, 5534, 5565, 5360, 5495, 5410, 5305, 5283, 5397, 5258, 5725, 5521, 5307, 5547, 5530, 5602, 5685, 5626, 5442, 5671, 5251, 5541, 5320, 5250 (9 hits) (01/20/2012 03:24:13 PM)
42	9	1.0	333.0	Yes	5327.0MHz, -64.0dBm	Hop sequence: 5686, 5281, 5481, 5482, 5586, 5677, 5672, 5507, 5520, 5336, 5444, 5528, 5714, 5341, 5674, 5278, 5634, 5671, 5627, 5668, 5352, 5433, 5509, 5327, 5502, 5280, 5707, 5603, 5552, 5618, 5480, 5486, 5652, 5394, 5458, 5363, 5561, 5719, 5267, 5457, 5451, 5447, 5650, 5656, 5302, 5637, 5605, 5491, 5592, 5439, 5290, 5254, 5344, 5631, 5385, 5374, 5399, 5687, 5442, 5304, 5669, 5511, 5435, 5346, 5406, 5521, 5525, 5633, 5453, 5691, 5473, 5684, 5489, 5517, 5490, 5465, 5387, 5591, 5283, 5296, 5392, 5291, 5581, 5252, 5292, 5467, 5643, 5416, 5460, 5594, 5317, 5342, 5436, 5353, 5350, 5259, 5540, 5461, 5725, 5365 (8 hits) (01/20/2012 03:24:23 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
43	9	1.0	333.0	Yes	5328.0MHz, -64.0dBm	Hop sequence: 5447, 5278, 5505, 5650, 5507, 5515, 5690, 5704, 5472, 5575, 5674, 5565, 5250, 5351, 5288, 5567, 5659, 5379, 5391, 5329, 5493, 5602, 5597, 5402, 5458, 5452, 5569, 5695, 5543, 5269, 5345, 5385, 5375, 5439, 5368, 5646, 5340, 5592, 5383, 5519, 5435, 5627, 5498, 5574, 5356, 5512, 5335, 5609, 5437, 5327, 5530, 5670, 5321, 5635, 5296, 5354, 5714, 5564, 5595, 5584, 5536, 5358, 5622, 5547, 5353, 5629, 5610, 5318, 5590, 5513, 5633, 5656, 5538, 5422, 5347, 5294, 5484, 5617, 5363, 5409, 5361, 5401, 5616, 5432, 5326, 5671, 5709, 5457, 5478, 5545, 5596, 5492, 5436, 5477, 5654, 5558, 5624, 5396, 5324, 5397 (9 hits) (01/20/2012 03:24:36 PM)
44	9	1.0	333.0	Yes	5329.0MHz, -64.0dBm	Hop sequence: 5339, 5476, 5377, 5262, 5632, 5478, 5481, 5330, 5326, 5696, 5517, 5345, 5614, 5676, 5636, 5623, 5454, 5466, 5393, 5304, 5494, 5656, 5669, 5371, 5679, 5359, 5270, 5544, 5459, 5708, 5400, 5653, 5682, 5479, 5334, 5363, 5431, 5702, 5594, 5492, 5375, 5364, 5543, 5666, 5720, 5428, 5552, 5296, 5631, 5521, 5396, 5663, 5413, 5643, 5615, 5405, 5256, 5391, 5723, 5556, 5592, 5328, 5408, 5538, 5694, 5367, 5537, 5411, 5289, 5608, 5303, 5477, 5280, 5711, 5678, 5294, 5335, 5565, 5654, 5634, 5360, 5697, 5386, 5272, 5489, 5524, 5320, 5726, 5420, 5472, 5502, 5595, 5475, 5606, 5719, 5473, 5273, 5461, 5259, 5613 (9 hits) (01/20/2012 03:24:46 PM)
45	9	1.0	333.0	Yes	5330.0MHz, -64.0dBm	Hop sequence: 5416, 5515, 5682, 5430, 5536, 5607, 5352, 5455, 5405, 5436, 5395, 5499, 5387, 5604, 5570, 5278, 5554, 5251, 5447, 5575, 5686, 5497, 5353, 5632, 5407, 5504, 5396, 5467, 5704, 5454, 5475, 5484, 5705, 5421, 5649, 5336, 5541, 5348, 5655, 5620, 5566, 5506, 5415, 5271, 5269, 5616, 5258, 5531, 5403, 5472, 5710, 5723, 5357,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5435, 5363, 5703, 5322, 5486, 5381, 5420, 5507, 5316, 5263, 5488, 5432, 5460, 5591, 5553, 5390, 5626, 5341, 5535, 5391, 5643, 5422, 5613, 5489, 5608, 5298, 5669, 5501, 5344, 5300, 5635, 5681, 5516, 5589, 5406, 5254, 5378, 5450, 5312, 5581, 5345, 5644, 5284, 5285, 5261, 5539, 5478 (5 hits) (01/20/2012 03:24:55 PM)
46	9	1.0	333.0	Yes	5331.0MHz, -64.0dBm	Hop sequence: 5567, 5253, 5475, 5500, 5344, 5574, 5520, 5562, 5330, 5549, 5443, 5647, 5693, 5415, 5542, 5678, 5653, 5435, 5451, 5660, 5675, 5555, 5462, 5467, 5527, 5281, 5305, 5336, 5573, 5372, 5501, 5457, 5393, 5580, 5630, 5367, 5617, 5627, 5324, 5533, 5338, 5724, 5430, 5561, 5680, 5399, 5327, 5552, 5321, 5365, 5644, 5721, 5377, 5256, 5252, 5593, 5379, 5611, 5325, 5423, 5634, 5685, 5668, 5343, 5455, 5413, 5666, 5398, 5335, 5323, 5395, 5712, 5341, 5710, 5386, 5588, 5318, 5328, 5311, 5604, 5429, 5556, 5484, 5381, 5613, 5671, 5315, 5438, 5383, 5683, 5503, 5382, 5301, 5720, 5672, 5288, 5517, 5495, 5454, 5576 (13 hits) (01/20/2012 03:25:11 PM)
47	9	1.0	333.0	Yes	5332.0MHz, -64.0dBm	Hop sequence: 5489, 5665, 5290, 5659, 5708, 5430, 5687, 5642, 5562, 5655, 5594, 5323, 5496, 5324, 5680, 5623, 5598, 5551, 5434, 5254, 5326, 5508, 5522, 5699, 5560, 5486, 5325, 5539, 5292, 5332, 5583, 5517, 5451, 5707, 5465, 5352, 5287, 5399, 5344, 5306, 5356, 5632, 5425, 5620, 5651, 5593, 5293, 5250, 5640, 5414, 5568, 5317, 5589, 5566, 5262, 5442, 5331, 5605, 5628, 5294, 5354, 5452, 5309, 5462, 5312, 5526, 5305, 5666, 5618, 5270, 5538, 5301, 5393, 5480, 5654, 5266, 5696, 5374, 5532, 5571, 5520, 5470, 5271, 5614, 5467, 5507, 5547, 5398, 5622, 5447, 5719, 5418, 5482, 5700, 5524, 5681, 5449, 5411, 5518, 5473 (16 hits) (01/20/2012 03:25:24 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
48	9	1.0	333.0	Yes	5288.0MHz, -64.0dBm	Hop sequence: 5304, 5695, 5456, 5327, 5430, 5380, 5460, 5427, 5446, 5527, 5558, 5546, 5719, 5387, 5688, 5445, 5613, 5473, 5615, 5297, 5319, 5442, 5421, 5708, 5646, 5342, 5590, 5353, 5436, 5702, 5363, 5379, 5318, 5352, 5452, 5345, 5602, 5407, 5305, 5396, 5561, 5699, 5388, 5690, 5347, 5518, 5541, 5531, 5448, 5714, 5580, 5273, 5496, 5605, 5295, 5649, 5568, 5325, 5376, 5633, 5250, 5725, 5269, 5667, 5507, 5404, 5384, 5493, 5492, 5412, 5693, 5402, 5481, 5343, 5712, 5581, 5680, 5317, 5536, 5316, 5559, 5503, 5361, 5480, 5300, 5622, 5256, 5444, 5479, 5336, 5691, 5411, 5487, 5623, 5664, 5681, 5267, 5599, 5301, 5557 (12 hits) (01/20/2012 03:25:35 PM)
49	9	1.0	333.0	Yes	5289.0MHz, -64.0dBm	Hop sequence: 5340, 5349, 5608, 5537, 5692, 5573, 5261, 5642, 5310, 5545, 5536, 5409, 5557, 5509, 5384, 5463, 5257, 5298, 5630, 5696, 5390, 5672, 5275, 5591, 5286, 5648, 5574, 5507, 5486, 5318, 5440, 5719, 5414, 5404, 5359, 5632, 5562, 5407, 5541, 5715, 5558, 5296, 5302, 5644, 5402, 5280, 5333, 5499, 5311, 5421, 5701, 5616, 5633, 5559, 5412, 5260, 5465, 5501, 5511, 5477, 5458, 5344, 5394, 5549, 5336, 5657, 5695, 5304, 5523, 5708, 5520, 5426, 5669, 5279, 5508, 5624, 5266, 5666, 5668, 5707, 5346, 5321, 5551, 5334, 5406, 5309, 5705, 5655, 5315, 5585, 5518, 5676, 5285, 5491, 5721, 5611, 5554, 5331, 5380, 5399 (11 hits) (01/20/2012 03:25:45 PM)
50	9	1.0	333.0	Yes	5290.0MHz, -64.0dBm	Hop sequence: 5404, 5371, 5259, 5250, 5712, 5638, 5490, 5350, 5345, 5289, 5492, 5278, 5406, 5494, 5535, 5252, 5690, 5645, 5280, 5540, 5614, 5333, 5332, 5288, 5688, 5325, 5292, 5529, 5507, 5518, 5339, 5342, 5448, 5692, 5574, 5522, 5599, 5383, 5694, 5554, 5440, 5434, 5593, 5699, 5693, 5336, 5452, 5704, 5389, 5323, 5411, 5447, 5719,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5402, 5570, 5523, 5500, 5664, 5498, 5313, 5263, 5679, 5405, 5623, 5437, 5580, 5572, 5600, 5501, 5258, 5550, 5326, 5717, 5534, 5331, 5461, 5387, 5282, 5361, 5685, 5373, 5541, 5456, 5429, 5463, 5543, 5423, 5268, 5338, 5400, 5362, 5483, 5663, 5476, 5291, 5545, 5335, 5653, 5254, 5425 (10 hits) (01/20/2012 03:26:02 PM)
51	9	1.0	333.0	Yes	5291.0MHz, -64.0dBm	Hop sequence: 5421, 5287, 5715, 5370, 5596, 5255, 5599, 5577, 5673, 5437, 5598, 5544, 5592, 5612, 5402, 5630, 5496, 5648, 5309, 5482, 5431, 5489, 5488, 5461, 5604, 5697, 5643, 5348, 5705, 5331, 5454, 5503, 5470, 5638, 5333, 5610, 5626, 5399, 5524, 5538, 5672, 5493, 5303, 5520, 5418, 5582, 5658, 5413, 5375, 5600, 5448, 5649, 5681, 5387, 5721, 5373, 5261, 5633, 5343, 5385, 5396, 5308, 5694, 5468, 5336, 5380, 5508, 5720, 5678, 5686, 5405, 5280, 5581, 5439, 5382, 5620, 5284, 5265, 5571, 5419, 5548, 5339, 5664, 5460, 5379, 5397, 5717, 5528, 5637, 5353, 5609, 5325, 5300, 5645, 5329, 5417, 5359, 5714, 5584, 5404 (7 hits) (01/20/2012 03:26:19 PM)
52	9	1.0	333.0	Yes	5292.0MHz, -64.0dBm	Hop sequence: 5532, 5441, 5564, 5642, 5452, 5476, 5490, 5513, 5346, 5542, 5607, 5615, 5569, 5445, 5676, 5544, 5704, 5436, 5287, 5432, 5537, 5307, 5519, 5344, 5413, 5340, 5567, 5635, 5667, 5650, 5620, 5457, 5561, 5329, 5699, 5425, 5543, 5504, 5341, 5315, 5707, 5507, 5675, 5254, 5624, 5719, 5578, 5722, 5556, 5608, 5580, 5391, 5493, 5585, 5586, 5632, 5251, 5683, 5411, 5529, 5405, 5715, 5372, 5465, 5464, 5702, 5278, 5348, 5628, 5617, 5605, 5524, 5448, 5370, 5700, 5502, 5285, 5276, 5437, 5554, 5481, 5342, 5320, 5689, 5633, 5384, 5459, 5708, 5541, 5712, 5301, 5383, 5487, 5272, 5656, 5407, 5622, 5399, 5308, 5514 (6 hits) (01/20/2012 03:26:42 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
53	9	1.0	333.0	Yes	5293.0MHz, -64.0dBm	Hop sequence: 5534, 5685, 5549, 5530, 5628, 5606, 5648, 5427, 5614, 5638, 5655, 5252, 5512, 5690, 5373, 5519, 5539, 5392, 5297, 5482, 5491, 5720, 5715, 5334, 5629, 5362, 5515, 5608, 5435, 5714, 5710, 5315, 5333, 5522, 5346, 5535, 5461, 5667, 5531, 5670, 5370, 5264, 5691, 5560, 5384, 5611, 5706, 5386, 5683, 5488, 5391, 5394, 5650, 5309, 5275, 5371, 5270, 5484, 5610, 5518, 5514, 5490, 5255, 5438, 5675, 5565, 5721, 5584, 5387, 5381, 5698, 5510, 5618, 5455, 5599, 5467, 5528, 5581, 5446, 5269, 5316, 5267, 5699, 5368, 5559, 5722, 5622, 5693, 5660, 5505, 5569, 5661, 5640, 5686, 5351, 5508, 5313, 5421, 5709, 5445 (5 hits) (01/20/2012 03:26:52 PM)
54	9	1.0	333.0	Yes	5294.0MHz, -64.0dBm	Hop sequence: 5325, 5499, 5555, 5611, 5328, 5250, 5327, 5371, 5680, 5466, 5356, 5346, 5260, 5368, 5587, 5541, 5407, 5723, 5321, 5724, 5715, 5536, 5537, 5277, 5650, 5600, 5560, 5450, 5476, 5526, 5485, 5443, 5421, 5548, 5349, 5389, 5705, 5592, 5669, 5438, 5345, 5403, 5706, 5473, 5704, 5717, 5273, 5636, 5647, 5320, 5309, 5690, 5630, 5653, 5264, 5622, 5418, 5428, 5313, 5619, 5563, 5433, 5274, 5416, 5256, 5684, 5674, 5412, 5310, 5451, 5532, 5408, 5660, 5612, 5332, 5259, 5609, 5281, 5343, 5700, 5657, 5441, 5401, 5601, 5581, 5685, 5435, 5682, 5266, 5637, 5593, 5395, 5725, 5490, 5432, 5296, 5265, 5429, 5484, 5518 (10 hits) (01/20/2012 03:27:08 PM)
55	9	1.0	333.0	Yes	5295.0MHz, -64.0dBm	Hop sequence: 5605, 5575, 5657, 5454, 5327, 5251, 5687, 5498, 5378, 5527, 5654, 5660, 5709, 5658, 5274, 5473, 5570, 5608, 5346, 5572, 5318, 5409, 5699, 5255, 5669, 5294, 5354, 5496, 5335, 5659, 5369, 5303, 5430, 5330, 5445, 5585, 5578, 5703, 5656, 5468, 5413, 5505, 5627, 5650, 5536, 5337, 5399, 5559, 5504, 5679, 5394, 5381, 5383,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5356, 5422, 5546, 5397, 5276, 5599, 5550, 5632, 5450, 5508, 5681, 5540, 5385, 5693, 5644, 5441, 5675, 5482, 5410, 5524, 5313, 5362, 5308, 5270, 5377, 5522, 5426, 5678, 5323, 5702, 5639, 5671, 5670, 5509, 5612, 5543, 5556, 5480, 5311, 5328, 5297, 5371, 5519, 5630, 5372, 5268, 5542 (11 hits) (01/20/2012 03:27:17 PM)
56	9	1.0	333.0	Yes	5296.0MHz, -64.0dBm	Hop sequence: 5559, 5541, 5486, 5368, 5257, 5403, 5507, 5448, 5443, 5323, 5489, 5672, 5393, 5417, 5509, 5485, 5718, 5346, 5667, 5463, 5277, 5514, 5525, 5394, 5296, 5329, 5651, 5281, 5611, 5636, 5540, 5641, 5494, 5657, 5679, 5684, 5466, 5263, 5440, 5420, 5578, 5339, 5336, 5352, 5584, 5686, 5696, 5674, 5261, 5707, 5621, 5439, 5618, 5603, 5348, 5479, 5524, 5566, 5648, 5650, 5519, 5587, 5573, 5596, 5539, 5278, 5553, 5293, 5577, 5407, 5496, 5615, 5542, 5513, 5692, 5335, 5552, 5253, 5445, 5726, 5564, 5600, 5359, 5319, 5683, 5645, 5691, 5663, 5588, 5412, 5446, 5354, 5299, 5350, 5668, 5492, 5355, 5613, 5251, 5649 (6 hits) (01/20/2012 03:27:27 PM)
57	9	1.0	333.0	Yes	5297.0MHz, -64.0dBm	Hop sequence: 5467, 5686, 5271, 5366, 5547, 5526, 5553, 5443, 5643, 5622, 5362, 5361, 5475, 5699, 5326, 5676, 5405, 5536, 5258, 5310, 5460, 5345, 5688, 5525, 5594, 5492, 5253, 5714, 5262, 5346, 5296, 5530, 5717, 5370, 5616, 5621, 5344, 5376, 5632, 5383, 5468, 5696, 5648, 5604, 5415, 5656, 5615, 5518, 5287, 5724, 5303, 5476, 5502, 5302, 5317, 5323, 5451, 5315, 5715, 5682, 5281, 5520, 5432, 5519, 5298, 5607, 5603, 5550, 5399, 5634, 5620, 5539, 5255, 5250, 5588, 5486, 5517, 5576, 5618, 5419, 5593, 5559, 5450, 5623, 5482, 5284, 5487, 5499, 5292, 5657, 5512, 5591, 5609, 5417, 5562, 5513, 5507, 5567, 5708, 5663 (10 hits) (01/20/2012 03:27:36 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
58	9	1.0	333.0	Yes	5298.0MHz, -64.0dBm	Hop sequence: 5275, 5379, 5535, 5642, 5403, 5492, 5364, 5412, 5262, 5677, 5641, 5280, 5674, 5694, 5409, 5488, 5385, 5712, 5337, 5540, 5327, 5705, 5261, 5400, 5367, 5425, 5726, 5257, 5690, 5489, 5517, 5473, 5423, 5461, 5285, 5502, 5548, 5697, 5381, 5682, 5541, 5702, 5553, 5296, 5266, 5596, 5363, 5594, 5623, 5429, 5498, 5289, 5604, 5592, 5664, 5448, 5533, 5643, 5281, 5511, 5306, 5525, 5340, 5263, 5542, 5286, 5639, 5510, 5484, 5324, 5451, 5528, 5606, 5622, 5549, 5693, 5655, 5311, 5524, 5721, 5663, 5584, 5478, 5634, 5589, 5274, 5270, 5713, 5370, 5293, 5656, 5667, 5662, 5637, 5620, 5396, 5316, 5330, 5536, 5715 (9 hits) (01/20/2012 03:27:47 PM)
59	9	1.0	333.0	Yes	5299.0MHz, -64.0dBm	Hop sequence: 5362, 5601, 5348, 5656, 5268, 5448, 5669, 5593, 5614, 5696, 5454, 5453, 5573, 5343, 5591, 5644, 5557, 5482, 5416, 5697, 5320, 5558, 5549, 5443, 5608, 5526, 5363, 5455, 5446, 5724, 5475, 5425, 5299, 5567, 5664, 5464, 5623, 5367, 5335, 5412, 5450, 5264, 5489, 5492, 5465, 5429, 5609, 5438, 5690, 5540, 5714, 5355, 5375, 5327, 5371, 5579, 5374, 5665, 5257, 5641, 5275, 5668, 5670, 5350, 5524, 5674, 5691, 5660, 5703, 5625, 5401, 5620, 5599, 5679, 5282, 5496, 5395, 5290, 5560, 5523, 5624, 5687, 5583, 5588, 5319, 5301, 5688, 5289, 5509, 5710, 5551, 5483, 5279, 5478, 5534, 5589, 5621, 5651, 5469, 5619 (7 hits) (01/20/2012 03:27:58 PM)
60	9	1.0	333.0	Yes	5300.0MHz, -64.0dBm	Hop sequence: 5454, 5358, 5274, 5671, 5342, 5612, 5429, 5362, 5268, 5488, 5638, 5534, 5353, 5336, 5296, 5572, 5515, 5586, 5424, 5654, 5300, 5437, 5262, 5292, 5310, 5722, 5452, 5377, 5415, 5556, 5590, 5668, 5706, 5634, 5664, 5321, 5463, 5403, 5338, 5640, 5720, 5514, 5253, 5532, 5680, 5367, 5579, 5665, 5697, 5289, 5356, 5308, 5676,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5523, 5540, 5603, 5400, 5526, 5506, 5459, 5420, 5650, 5605, 5359, 5596, 5345, 5585, 5313, 5581, 5542, 5622, 5461, 5334, 5258, 5486, 5328, 5281, 5283, 5473, 5442, 5330, 5678, 5272, 5710, 5293, 5410, 5618, 5370, 5312, 5418, 5647, 5436, 5639, 5435, 5416, 5287, 5282, 5401, 5364, 5498 (12 hits) (01/20/2012 03:28:09 PM)
61	9	1.0	333.0	Yes	5301.0MHz, -64.0dBm	Hop sequence: 5294, 5679, 5467, 5576, 5544, 5485, 5414, 5325, 5530, 5511, 5643, 5570, 5617, 5571, 5611, 5442, 5370, 5363, 5316, 5450, 5390, 5346, 5330, 5419, 5620, 5700, 5632, 5646, 5272, 5258, 5477, 5344, 5250, 5432, 5278, 5413, 5507, 5424, 5255, 5558, 5270, 5720, 5609, 5501, 5708, 5486, 5304, 5428, 5489, 5314, 5447, 5513, 5712, 5582, 5709, 5707, 5572, 5434, 5561, 5546, 5499, 5306, 5599, 5672, 5509, 5333, 5471, 5635, 5589, 5401, 5460, 5355, 5448, 5601, 5495, 5516, 5652, 5463, 5548, 5287, 5529, 5381, 5638, 5268, 5305, 5523, 5580, 5498, 5394, 5665, 5689, 5696, 5685, 5595, 5549, 5476, 5350, 5267, 5662, 5517 (8 hits) (01/20/2012 03:28:19 PM)
62	9	1.0	333.0	Yes	5302.0MHz, -64.0dBm	Hop sequence: 5725, 5421, 5558, 5504, 5312, 5707, 5702, 5711, 5459, 5365, 5678, 5260, 5377, 5453, 5530, 5320, 5658, 5274, 5650, 5403, 5568, 5389, 5327, 5440, 5661, 5457, 5569, 5267, 5696, 5617, 5413, 5465, 5647, 5489, 5528, 5479, 5341, 5372, 5395, 5542, 5324, 5475, 5716, 5313, 5694, 5631, 5338, 5669, 5589, 5322, 5635, 5471, 5376, 5255, 5316, 5559, 5330, 5717, 5430, 5718, 5676, 5715, 5470, 5712, 5689, 5398, 5292, 5311, 5572, 5544, 5431, 5487, 5511, 5654, 5474, 5414, 5719, 5278, 5380, 5397, 5458, 5280, 5473, 5590, 5633, 5289, 5352, 5618, 5495, 5269, 5632, 5381, 5525, 5436, 5486, 5660, 5315, 5526, 5581, 5636 (12 hits) (01/20/2012 03:28:28 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
63	9	1.0	333.0	Yes	5303.0MHz, -64.0dBm	Hop sequence: 5589, 5559, 5670, 5584, 5258, 5382, 5477, 5574, 5423, 5523, 5544, 5545, 5355, 5484, 5307, 5657, 5596, 5351, 5506, 5429, 5352, 5616, 5536, 5686, 5406, 5302, 5335, 5434, 5547, 5665, 5689, 5379, 5461, 5636, 5315, 5723, 5630, 5356, 5652, 5440, 5486, 5674, 5439, 5482, 5582, 5556, 5306, 5275, 5378, 5676, 5714, 5450, 5561, 5308, 5633, 5625, 5568, 5389, 5611, 5573, 5478, 5600, 5495, 5372, 5722, 5343, 5667, 5436, 5648, 5603, 5290, 5277, 5675, 5511, 5346, 5395, 5709, 5515, 5638, 5671, 5684, 5513, 5444, 5269, 5437, 5396, 5377, 5253, 5645, 5333, 5415, 5538, 5345, 5543, 5519, 5698, 5677, 5265, 5456, 5328 (7 hits) (01/20/2012 03:28:37 PM)
64	9	1.0	333.0	Yes	5304.0MHz, -64.0dBm	Hop sequence: 5553, 5462, 5381, 5686, 5298, 5570, 5502, 5623, 5667, 5471, 5297, 5396, 5359, 5506, 5378, 5360, 5495, 5699, 5547, 5493, 5458, 5571, 5693, 5279, 5534, 5266, 5541, 5267, 5318, 5390, 5284, 5510, 5562, 5585, 5540, 5498, 5408, 5682, 5372, 5433, 5452, 5717, 5334, 5316, 5587, 5707, 5388, 5421, 5412, 5280, 5329, 5668, 5647, 5626, 5661, 5311, 5321, 5702, 5584, 5403, 5443, 5304, 5704, 5551, 5681, 5332, 5631, 5357, 5578, 5424, 5663, 5302, 5277, 5407, 5724, 5278, 5512, 5580, 5456, 5719, 5342, 5410, 5516, 5364, 5680, 5262, 5673, 5633, 5657, 5616, 5325, 5365, 5683, 5427, 5548, 5431, 5340, 5335, 5504, 5659 (11 hits) (01/20/2012 03:28:45 PM)
65	9	1.0	333.0	Yes	5305.0MHz, -64.0dBm	Hop sequence: 5551, 5712, 5583, 5473, 5497, 5635, 5328, 5509, 5442, 5517, 5266, 5331, 5397, 5417, 5577, 5366, 5392, 5440, 5281, 5619, 5438, 5380, 5686, 5285, 5435, 5561, 5659, 5611, 5274, 5412, 5420, 5550, 5382, 5462, 5622, 5318, 5464, 5314, 5597, 5444, 5564, 5546, 5515, 5500, 5671, 5481, 5627, 5645, 5276, 5293, 5595, 5263, 5682,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5530, 5365, 5451, 5373, 5587, 5588, 5696, 5644, 5452, 5545, 5367, 5576, 5647, 5529, 5262, 5260, 5665, 5698, 5649, 5292, 5673, 5332, 5467, 5407, 5305, 5552, 5369, 5396, 5660, 5496, 5714, 5585, 5708, 5312, 5456, 5703, 5527, 5334, 5368, 5301, 5250, 5399, 5624, 5362, 5267, 5284, 5651 (10 hits) (01/20/2012 03:28:54 PM)
66	9	1.0	333.0	Yes	5306.0MHz, -64.0dBm	Hop sequence: 5453, 5482, 5568, 5391, 5375, 5651, 5487, 5254, 5429, 5468, 5612, 5680, 5327, 5580, 5629, 5455, 5502, 5599, 5258, 5390, 5508, 5458, 5304, 5310, 5323, 5417, 5512, 5426, 5549, 5349, 5350, 5558, 5318, 5300, 5423, 5551, 5463, 5550, 5625, 5620, 5605, 5542, 5381, 5355, 5471, 5343, 5401, 5338, 5658, 5467, 5644, 5569, 5722, 5410, 5515, 5392, 5418, 5617, 5656, 5699, 5545, 5356, 5270, 5724, 5334, 5299, 5289, 5721, 5476, 5600, 5709, 5672, 5439, 5309, 5359, 5688, 5711, 5491, 5554, 5624, 5607, 5584, 5447, 5536, 5337, 5477, 5588, 5493, 5374, 5469, 5516, 5676, 5474, 5296, 5312, 5478, 5348, 5524, 5507, 5320 (12 hits) (01/20/2012 03:29:03 PM)
67	9	1.0	333.0	Yes	5307.0MHz, -64.0dBm	Hop sequence: 5340, 5603, 5441, 5428, 5310, 5305, 5294, 5325, 5588, 5546, 5306, 5385, 5349, 5328, 5559, 5289, 5651, 5442, 5415, 5268, 5676, 5382, 5298, 5372, 5626, 5357, 5622, 5648, 5360, 5614, 5659, 5286, 5356, 5600, 5669, 5624, 5714, 5418, 5439, 5378, 5660, 5664, 5444, 5549, 5672, 5280, 5701, 5668, 5514, 5361, 5708, 5539, 5579, 5471, 5445, 5552, 5509, 5313, 5652, 5487, 5426, 5724, 5264, 5430, 5270, 5307, 5345, 5576, 5696, 5534, 5460, 5599, 5683, 5370, 5351, 5548, 5569, 5725, 5290, 5687, 5493, 5671, 5721, 5437, 5362, 5583, 5404, 5508, 5398, 5592, 5465, 5589, 5611, 5657, 5566, 5371, 5606, 5299, 5593, 5469 (12 hits) (01/20/2012 03:29:21 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
68	9	1.0	333.0	Yes	5308.0MHz, -64.0dBm	Hop sequence: 5721, 5400, 5318, 5660, 5699, 5275, 5340, 5255, 5281, 5455, 5392, 5302, 5698, 5485, 5711, 5373, 5700, 5439, 5629, 5379, 5566, 5291, 5253, 5487, 5651, 5648, 5519, 5254, 5709, 5529, 5588, 5573, 5489, 5684, 5343, 5538, 5364, 5339, 5624, 5478, 5301, 5396, 5641, 5505, 5416, 5599, 5594, 5405, 5260, 5571, 5483, 5409, 5391, 5601, 5335, 5498, 5250, 5590, 5675, 5435, 5377, 5306, 5613, 5399, 5646, 5268, 5580, 5441, 5341, 5264, 5561, 5447, 5502, 5267, 5722, 5462, 5602, 5638, 5692, 5367, 5514, 5278, 5296, 5516, 5568, 5691, 5355, 5653, 5496, 5614, 5420, 5286, 5639, 5652, 5428, 5382, 5472, 5393, 5419, 5333 (6 hits) (01/20/2012 03:29:30 PM)
69	9	1.0	333.0	Yes	5309.0MHz, -64.0dBm	Hop sequence: 5279, 5253, 5638, 5623, 5720, 5272, 5626, 5401, 5275, 5543, 5422, 5364, 5396, 5393, 5706, 5704, 5421, 5423, 5685, 5564, 5294, 5609, 5629, 5400, 5434, 5620, 5304, 5697, 5551, 5631, 5523, 5643, 5437, 5548, 5428, 5628, 5436, 5352, 5251, 5581, 5367, 5479, 5676, 5461, 5491, 5262, 5329, 5637, 5593, 5658, 5336, 5607, 5668, 5417, 5348, 5357, 5402, 5280, 5268, 5430, 5589, 5309, 5553, 5699, 5319, 5399, 5571, 5624, 5480, 5418, 5474, 5556, 5435, 5644, 5395, 5710, 5383, 5420, 5617, 5591, 5506, 5467, 5614, 5514, 5559, 5252, 5321, 5567, 5596, 5431, 5281, 5333, 5493, 5381, 5315, 5308, 5508, 5598, 5386, 5454 (8 hits) (01/20/2012 03:29:39 PM)
70	9	1.0	333.0	Yes	5310.0MHz, -64.0dBm	Hop sequence: 5660, 5617, 5407, 5333, 5448, 5586, 5459, 5462, 5510, 5278, 5493, 5697, 5657, 5609, 5412, 5306, 5638, 5436, 5523, 5296, 5335, 5687, 5357, 5618, 5269, 5553, 5486, 5485, 5398, 5674, 5361, 5392, 5259, 5475, 5467, 5295, 5623, 5409, 5501, 5537, 5376, 5571, 5425, 5304, 5274, 5339, 5500, 5403, 5514, 5520, 5271, 5608, 5253,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5322, 5701, 5386, 5612, 5358, 5255, 5280, 5641, 5532, 5632, 5420, 5513, 5276, 5312, 5642, 5630, 5363, 5661, 5490, 5433, 5531, 5582, 5645, 5414, 5679, 5287, 5703, 5477, 5503, 5478, 5418, 5568, 5659, 5321, 5658, 5332, 5422, 5289, 5624, 5464, 5258, 5370, 5600, 5560, 5472, 5457, 5387 (9 hits) (01/20/2012 03:29:48 PM)
71	9	1.0	333.0	Yes	5311.0MHz, -64.0dBm	Hop sequence: 5659, 5628, 5307, 5402, 5646, 5410, 5434, 5399, 5626, 5333, 5495, 5324, 5549, 5315, 5482, 5351, 5441, 5478, 5725, 5378, 5493, 5382, 5703, 5363, 5570, 5522, 5516, 5326, 5554, 5445, 5723, 5558, 5607, 5320, 5560, 5489, 5599, 5339, 5660, 5544, 5461, 5438, 5457, 5293, 5657, 5349, 5693, 5415, 5271, 5304, 5346, 5431, 5277, 5586, 5407, 5384, 5451, 5611, 5551, 5393, 5715, 5588, 5350, 5344, 5477, 5638, 5485, 5377, 5573, 5475, 5624, 5259, 5255, 5364, 5620, 5714, 5652, 5585, 5362, 5396, 5600, 5582, 5359, 5621, 5476, 5281, 5425, 5598, 5562, 5616, 5534, 5597, 5678, 5321, 5403, 5633, 5391, 5722, 5347, 5365 (8 hits) (01/20/2012 03:30:04 PM)
72	9	1.0	333.0	Yes	5312.0MHz, -64.0dBm	Hop sequence: 5667, 5428, 5533, 5332, 5671, 5723, 5625, 5415, 5652, 5324, 5309, 5350, 5288, 5413, 5684, 5519, 5317, 5370, 5360, 5637, 5705, 5673, 5569, 5470, 5388, 5703, 5351, 5474, 5480, 5359, 5319, 5308, 5507, 5588, 5653, 5575, 5439, 5583, 5555, 5542, 5354, 5323, 5430, 5472, 5344, 5617, 5372, 5524, 5694, 5616, 5399, 5459, 5438, 5263, 5364, 5572, 5384, 5266, 5449, 5606, 5265, 5387, 5579, 5261, 5461, 5632, 5502, 5545, 5421, 5473, 5668, 5548, 5346, 5620, 5574, 5446, 5477, 5695, 5434, 5420, 5709, 5418, 5649, 5544, 5328, 5367, 5423, 5609, 5599, 5303, 5271, 5279, 5633, 5559, 5389, 5291, 5615, 5614, 5506, 5425 (11 hits) (01/20/2012 03:30:17 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
73	9	1.0	333.0	Yes	5313.0MHz, -64.0dBm	Hop sequence: 5433, 5263, 5608, 5577, 5493, 5632, 5536, 5287, 5579, 5443, 5490, 5301, 5254, 5526, 5417, 5725, 5544, 5704, 5537, 5387, 5650, 5482, 5346, 5524, 5709, 5700, 5445, 5253, 5495, 5260, 5597, 5365, 5636, 5711, 5540, 5614, 5401, 5437, 5680, 5389, 5475, 5473, 5438, 5486, 5707, 5446, 5514, 5278, 5716, 5549, 5560, 5303, 5269, 5693, 5415, 5348, 5485, 5657, 5370, 5541, 5563, 5299, 5603, 5642, 5578, 5350, 5402, 5442, 5488, 5312, 5719, 5398, 5422, 5510, 5678, 5499, 5293, 5662, 5557, 5360, 5487, 5675, 5575, 5689, 5363, 5507, 5262, 5334, 5430, 5717, 5373, 5610, 5284, 5381, 5532, 5271, 5400, 5511, 5440, 5276 (5 hits) (01/20/2012 03:30:35 PM)
74	9	1.0	333.0	Yes	5314.0MHz, -64.0dBm	Hop sequence: 5259, 5505, 5321, 5577, 5662, 5574, 5441, 5478, 5695, 5475, 5325, 5286, 5489, 5353, 5342, 5640, 5429, 5373, 5396, 5338, 5614, 5513, 5402, 5418, 5302, 5552, 5299, 5651, 5493, 5354, 5311, 5487, 5261, 5548, 5368, 5676, 5417, 5594, 5519, 5566, 5416, 5703, 5603, 5606, 5637, 5258, 5318, 5447, 5610, 5404, 5510, 5697, 5607, 5674, 5670, 5446, 5403, 5375, 5345, 5393, 5388, 5508, 5252, 5351, 5479, 5323, 5501, 5273, 5499, 5438, 5482, 5425, 5650, 5580, 5593, 5256, 5334, 5555, 5480, 5486, 5568, 5544, 5590, 5401, 5465, 5723, 5530, 5300, 5527, 5400, 5452, 5551, 5290, 5698, 5340, 5661, 5449, 5407, 5260, 5456 (9 hits) (01/20/2012 03:30:45 PM)
75	9	1.0	333.0	Yes	5315.0MHz, -64.0dBm	Hop sequence: 5520, 5473, 5554, 5470, 5488, 5325, 5394, 5422, 5671, 5344, 5521, 5285, 5447, 5658, 5692, 5551, 5276, 5406, 5351, 5291, 5313, 5349, 5413, 5257, 5476, 5543, 5707, 5263, 5398, 5384, 5695, 5361, 5395, 5278, 5664, 5603, 5535, 5347, 5298, 5616, 5435, 5370, 5686, 5430, 5451, 5646, 5509, 5721, 5293, 5251, 5421, 5474, 5412,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5419, 5677, 5299, 5566, 5580, 5638, 5270, 5425, 5660, 5335, 5315, 5375, 5449, 5484, 5642, 5309, 5608, 5282, 5537, 5337, 5322, 5653, 5655, 5296, 5467, 5512, 5387, 5716, 5694, 5307, 5494, 5417, 5661, 5306, 5385, 5683, 5381, 5492, 5668, 5662, 5710, 5490, 5489, 5515, 5303, 5423, 5666 (13 hits) (01/20/2012 03:30:58 PM)
76	9	1.0	333.0	Yes	5316.0MHz, -64.0dBm	Hop sequence: 5465, 5681, 5262, 5419, 5399, 5278, 5526, 5379, 5279, 5257, 5525, 5339, 5461, 5410, 5394, 5641, 5595, 5340, 5474, 5299, 5635, 5425, 5593, 5306, 5373, 5515, 5568, 5531, 5267, 5574, 5661, 5678, 5453, 5280, 5325, 5616, 5612, 5530, 5415, 5662, 5256, 5523, 5504, 5414, 5452, 5254, 5638, 5583, 5511, 5300, 5556, 5470, 5619, 5532, 5318, 5591, 5715, 5676, 5250, 5577, 5594, 5657, 5663, 5288, 5387, 5703, 5448, 5540, 5319, 5438, 5586, 5291, 5486, 5333, 5684, 5690, 5475, 5321, 5632, 5598, 5308, 5666, 5631, 5417, 5352, 5513, 5505, 5639, 5557, 5270, 5368, 5561, 5575, 5273, 5437, 5370, 5668, 5411, 5716, 5611 (10 hits) (01/20/2012 03:31:09 PM)
77	9	1.0	333.0	Yes	5317.0MHz, -64.0dBm	Hop sequence: 5530, 5505, 5491, 5384, 5256, 5633, 5425, 5531, 5708, 5423, 5510, 5626, 5544, 5279, 5709, 5669, 5562, 5719, 5414, 5388, 5331, 5415, 5657, 5485, 5644, 5285, 5486, 5351, 5402, 5608, 5471, 5652, 5364, 5323, 5428, 5404, 5289, 5622, 5634, 5391, 5700, 5417, 5690, 5324, 5648, 5705, 5715, 5469, 5301, 5592, 5292, 5389, 5329, 5601, 5422, 5378, 5309, 5466, 5476, 5586, 5655, 5418, 5484, 5646, 5448, 5533, 5409, 5551, 5371, 5373, 5549, 5321, 5261, 5692, 5725, 5653, 5649, 5381, 5320, 5288, 5277, 5602, 5254, 5372, 5635, 5582, 5291, 5629, 5683, 5564, 5430, 5679, 5390, 5664, 5376, 5585, 5419, 5502, 5641, 5721 (12 hits) (01/20/2012 03:31:26 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
78	9	1.0	333.0	Yes	5318.0MHz, -64.0dBm	Hop sequence: 5581, 5463, 5274, 5579, 5363, 5455, 5713, 5279, 5491, 5280, 5697, 5587, 5498, 5471, 5281, 5447, 5252, 5292, 5503, 5411, 5413, 5353, 5468, 5592, 5562, 5639, 5359, 5453, 5547, 5346, 5530, 5559, 5658, 5313, 5640, 5707, 5597, 5476, 5593, 5680, 5391, 5342, 5699, 5641, 5286, 5616, 5291, 5477, 5664, 5677, 5295, 5479, 5275, 5508, 5387, 5685, 5448, 5350, 5435, 5337, 5407, 5524, 5654, 5398, 5565, 5385, 5706, 5393, 5715, 5268, 5548, 5251, 5544, 5419, 5258, 5293, 5405, 5370, 5484, 5404, 5261, 5652, 5312, 5436, 5590, 5515, 5424, 5519, 5315, 5607, 5518, 5386, 5723, 5472, 5488, 5535, 5305, 5545, 5683, 5347 (8 hits) (01/20/2012 03:31:37 PM)
79	9	1.0	333.0	Yes	5319.0MHz, -64.0dBm	Hop sequence: 5596, 5266, 5697, 5319, 5322, 5440, 5387, 5358, 5315, 5342, 5311, 5671, 5505, 5449, 5336, 5337, 5647, 5662, 5500, 5592, 5497, 5261, 5476, 5556, 5583, 5692, 5323, 5678, 5271, 5614, 5273, 5530, 5707, 5368, 5383, 5307, 5660, 5606, 5642, 5693, 5571, 5719, 5439, 5568, 5300, 5603, 5486, 5382, 5411, 5353, 5591, 5645, 5612, 5548, 5321, 5643, 5378, 5715, 5712, 5716, 5546, 5705, 5291, 5437, 5565, 5359, 5675, 5406, 5479, 5335, 5494, 5466, 5626, 5462, 5538, 5522, 5561, 5669, 5480, 5709, 5367, 5264, 5588, 5405, 5464, 5493, 5573, 5674, 5498, 5316, 5597, 5541, 5653, 5517, 5518, 5327, 5306, 5646, 5585, 5708 (12 hits) (01/20/2012 03:31:58 PM)
80	9	1.0	333.0	Yes	5320.0MHz, -64.0dBm	Hop sequence: 5652, 5655, 5592, 5438, 5672, 5284, 5564, 5585, 5677, 5495, 5631, 5620, 5705, 5663, 5541, 5616, 5291, 5444, 5375, 5467, 5402, 5498, 5315, 5708, 5637, 5326, 5715, 5463, 5321, 5320, 5662, 5578, 5503, 5431, 5720, 5560, 5687, 5478, 5573, 5271, 5502, 5659, 5574, 5550, 5676, 5660, 5484, 5266, 5510, 5262, 5563, 5678, 5292,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5311, 5436, 5261, 5476, 5422, 5473, 5280, 5513, 5565, 5540, 5491, 5427, 5508, 5313, 5253, 5694, 5546, 5636, 5613, 5462, 5428, 5707, 5472, 5310, 5511, 5519, 5480, 5367, 5665, 5405, 5673, 5479, 5410, 5386, 5362, 5535, 5301, 5580, 5596, 5485, 5566, 5369, 5464, 5675, 5468, 5618, 5342 (10 hits) (01/20/2012 03:33:02 PM)
81	9	1.0	333.0	Yes	5321.0MHz, -64.0dBm	Hop sequence: 5655, 5648, 5326, 5468, 5356, 5322, 5646, 5505, 5567, 5288, 5330, 5266, 5254, 5658, 5630, 5485, 5640, 5608, 5409, 5412, 5299, 5627, 5573, 5717, 5529, 5284, 5541, 5353, 5528, 5346, 5483, 5681, 5473, 5538, 5694, 5295, 5682, 5645, 5280, 5530, 5419, 5705, 5689, 5488, 5430, 5472, 5636, 5370, 5367, 5420, 5301, 5508, 5560, 5319, 5619, 5562, 5725, 5624, 5365, 5477, 5384, 5566, 5456, 5406, 5307, 5447, 5273, 5670, 5480, 5382, 5460, 5277, 5461, 5276, 5355, 5454, 5413, 5687, 5570, 5385, 5392, 5587, 5527, 5593, 5314, 5325, 5565, 5612, 5251, 5334, 5605, 5297, 5668, 5599, 5484, 5713, 5309, 5517, 5278, 5653 (13 hits) (01/20/2012 03:33:18 PM)
82	9	1.0	333.0	Yes	5322.0MHz, -64.0dBm	Hop sequence: 5668, 5561, 5369, 5269, 5412, 5328, 5679, 5378, 5376, 5638, 5462, 5445, 5535, 5362, 5722, 5464, 5383, 5352, 5556, 5507, 5701, 5446, 5574, 5557, 5597, 5550, 5408, 5554, 5396, 5417, 5254, 5539, 5334, 5481, 5711, 5604, 5397, 5608, 5331, 5382, 5510, 5386, 5465, 5525, 5255, 5576, 5280, 5288, 5570, 5420, 5677, 5322, 5577, 5720, 5276, 5317, 5620, 5372, 5458, 5544, 5370, 5589, 5457, 5300, 5618, 5265, 5361, 5312, 5292, 5726, 5252, 5466, 5451, 5423, 5623, 5342, 5682, 5406, 5723, 5359, 5319, 5526, 5436, 5279, 5494, 5595, 5649, 5456, 5332, 5262, 5398, 5482, 5614, 5662, 5268, 5660, 5716, 5346, 5562, 5615 (10 hits) (01/20/2012 03:33:30 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
83	9	1.0	333.0	Yes	5323.0MHz, -64.0dBm	Hop sequence: 5322, 5354, 5366, 5323, 5573, 5525, 5544, 5555, 5405, 5395, 5258, 5593, 5689, 5330, 5251, 5518, 5661, 5311, 5373, 5616, 5505, 5280, 5424, 5540, 5582, 5265, 5652, 5686, 5374, 5491, 5475, 5406, 5282, 5708, 5715, 5371, 5296, 5695, 5380, 5615, 5321, 5594, 5520, 5571, 5688, 5564, 5437, 5720, 5664, 5462, 5660, 5256, 5507, 5494, 5360, 5575, 5476, 5568, 5578, 5697, 5465, 5410, 5648, 5328, 5300, 5470, 5717, 5331, 5552, 5306, 5604, 5515, 5262, 5672, 5496, 5292, 5403, 5702, 5266, 5416, 5349, 5591, 5278, 5629, 5275, 5626, 5641, 5634, 5313, 5408, 5636, 5441, 5285, 5529, 5678, 5653, 5693, 5506, 5364, 5428 (12 hits) (01/20/2012 03:33:43 PM)
84	9	1.0	333.0	Yes	5324.0MHz, -64.0dBm	Hop sequence: 5448, 5362, 5431, 5481, 5399, 5603, 5450, 5616, 5259, 5626, 5292, 5396, 5332, 5722, 5538, 5685, 5340, 5261, 5464, 5411, 5602, 5665, 5661, 5574, 5502, 5321, 5593, 5470, 5421, 5637, 5451, 5597, 5483, 5419, 5646, 5415, 5480, 5658, 5360, 5684, 5609, 5648, 5494, 5433, 5461, 5522, 5625, 5539, 5670, 5266, 5370, 5556, 5251, 5303, 5681, 5405, 5282, 5435, 5339, 5466, 5428, 5643, 5641, 5453, 5581, 5631, 5274, 5498, 5482, 5465, 5552, 5629, 5413, 5331, 5312, 5443, 5624, 5330, 5650, 5338, 5638, 5723, 5534, 5598, 5677, 5319, 5537, 5445, 5573, 5373, 5286, 5682, 5374, 5444, 5554, 5565, 5280, 5601, 5262, 5512 (8 hits) (01/20/2012 03:33:53 PM)
85	9	1.0	333.0	Yes	5325.0MHz, -64.0dBm	Hop sequence: 5469, 5584, 5480, 5604, 5635, 5648, 5529, 5255, 5696, 5545, 5640, 5378, 5302, 5267, 5668, 5559, 5490, 5536, 5481, 5651, 5665, 5577, 5680, 5476, 5532, 5708, 5594, 5606, 5636, 5409, 5266, 5725, 5478, 5515, 5645, 5454, 5523, 5411, 5345, 5273, 5289, 5531, 5612, 5693, 5310, 5692, 5590, 5630, 5265, 5510, 5333, 5643, 5655,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5626, 5554, 5388, 5453, 5419, 5625, 5516, 5424, 5575, 5602, 5439, 5702, 5504, 5329, 5716, 5397, 5461, 5335, 5252, 5288, 5583, 5360, 5415, 5422, 5386, 5263, 5393, 5357, 5399, 5429, 5505, 5706, 5251, 5294, 5356, 5723, 5407, 5470, 5658, 5511, 5298, 5525, 5343, 5557, 5663, 5704, 5619 (7 hits) (01/20/2012 03:34:03 PM)
86	9	1.0	333.0	Yes	5326.0MHz, -64.0dBm	Hop sequence: 5453, 5483, 5557, 5563, 5488, 5518, 5341, 5360, 5719, 5568, 5436, 5578, 5658, 5430, 5721, 5634, 5558, 5375, 5275, 5258, 5567, 5704, 5703, 5371, 5306, 5717, 5398, 5313, 5391, 5280, 5697, 5616, 5495, 5309, 5501, 5405, 5647, 5485, 5400, 5673, 5321, 5446, 5725, 5611, 5711, 5615, 5639, 5684, 5544, 5462, 5412, 5381, 5432, 5532, 5720, 5324, 5577, 5264, 5386, 5267, 5415, 5659, 5585, 5671, 5352, 5509, 5402, 5631, 5620, 5695, 5367, 5540, 5594, 5449, 5559, 5399, 5252, 5709, 5579, 5302, 5652, 5598, 5553, 5348, 5420, 5596, 5460, 5282, 5262, 5641, 5660, 5316, 5521, 5407, 5635, 5512, 5438, 5554, 5326, 5700 (8 hits) (01/20/2012 03:34:14 PM)
87	9	1.0	333.0	Yes	5327.0MHz, -64.0dBm	Hop sequence: 5712, 5448, 5629, 5665, 5699, 5357, 5721, 5348, 5624, 5368, 5255, 5580, 5541, 5688, 5379, 5416, 5459, 5587, 5603, 5582, 5672, 5284, 5654, 5399, 5273, 5691, 5521, 5553, 5501, 5523, 5647, 5724, 5274, 5432, 5355, 5298, 5252, 5525, 5469, 5320, 5563, 5253, 5693, 5645, 5395, 5406, 5601, 5511, 5713, 5321, 5383, 5322, 5375, 5403, 5547, 5326, 5484, 5505, 5440, 5460, 5638, 5545, 5299, 5498, 5679, 5426, 5650, 5304, 5513, 5573, 5268, 5354, 5455, 5646, 5457, 5575, 5311, 5578, 5428, 5444, 5627, 5319, 5669, 5306, 5365, 5569, 5468, 5514, 5405, 5702, 5470, 5533, 5554, 5313, 5704, 5492, 5364, 5433, 5290, 5300 (13 hits) (01/20/2012 03:34:25 PM)

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
88	9	1.0	333.0	Yes	5328.0MHz, -64.0dBm	Hop sequence: 5601, 5612, 5678, 5726, 5530, 5620, 5510, 5498, 5308, 5262, 5293, 5564, 5343, 5491, 5410, 5646, 5660, 5626, 5507, 5475, 5427, 5352, 5480, 5265, 5279, 5513, 5702, 5408, 5353, 5303, 5696, 5360, 5456, 5523, 5425, 5461, 5719, 5528, 5589, 5707, 5585, 5598, 5502, 5547, 5317, 5366, 5641, 5474, 5580, 5359, 5334, 5378, 5617, 5282, 5651, 5302, 5399, 5595, 5584, 5481, 5668, 5588, 5285, 5565, 5407, 5545, 5561, 5478, 5557, 5653, 5306, 5512, 5482, 5669, 5379, 5511, 5532, 5505, 5291, 5558, 5553, 5417, 5370, 5677, 5687, 5371, 5422, 5393, 5403, 5624, 5250, 5519, 5337, 5627, 5590, 5434, 5593, 5268, 5555, 5309 (8 hits) (01/20/2012 03:34:41 PM)
89	9	1.0	333.0	Yes	5329.0MHz, -64.0dBm	Hop sequence: 5295, 5457, 5354, 5342, 5365, 5523, 5710, 5575, 5485, 5341, 5462, 5556, 5369, 5374, 5327, 5273, 5506, 5497, 5292, 5288, 5452, 5667, 5705, 5587, 5689, 5609, 5423, 5713, 5463, 5306, 5574, 5433, 5566, 5465, 5688, 5400, 5379, 5357, 5591, 5470, 5701, 5482, 5326, 5348, 5491, 5694, 5405, 5504, 5655, 5593, 5653, 5467, 5561, 5474, 5419, 5267, 5595, 5283, 5544, 5367, 5386, 5675, 5708, 5654, 5612, 5528, 5321, 5338, 5723, 5709, 5305, 5337, 5518, 5581, 5524, 5620, 5311, 5535, 5678, 5322, 5253, 5503, 5594, 5275, 5553, 5364, 5274, 5505, 5478, 5380, 5344, 5549, 5712, 5681, 5260, 5436, 5487, 5339, 5416, 5456 (10 hits) (01/20/2012 03:34:54 PM)
90	9	1.0	333.0	Yes	5330.0MHz, -64.0dBm	Hop sequence: 5262, 5474, 5253, 5465, 5411, 5382, 5334, 5554, 5636, 5312, 5308, 5373, 5372, 5496, 5390, 5685, 5353, 5693, 5556, 5487, 5639, 5667, 5508, 5502, 5484, 5691, 5348, 5396, 5717, 5609, 5671, 5441, 5659, 5303, 5342, 5470, 5421, 5509, 5518, 5687, 5603, 5617, 5400, 5700, 5590, 5296, 5260, 5417, 5655, 5566, 5376, 5463, 5269,

Table 8 - FCC frequency hopping radar (Type 6) Results HT40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5510, 5598, 5275, 5567, 5393, 5585, 5268, 5315, 5706, 5584, 5654, 5413, 5254, 5660, 5573, 5686, 5476, 5676, 5614, 5661, 5408, 5404, 5284, 5302, 5426, 5391, 5527, 5621, 5542, 5692, 5410, 5519, 5326, 5656, 5451, 5708, 5587, 5388, 5299, 5599, 5559, 5473, 5536, 5583, 5608, 5364, 5521 (8 hits) (01/20/2012 03:36:55 PM)

Table 9 - HT5Detection Bandwidth Measurements (Bandwidth: +2MHz /-3MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5591.00 MHz	0	3	0
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5592.00 MHz	10	0	100
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5593.00 MHz	10	0	100
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5594.00 MHz	10	0	100
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5595.00 MHz	10	0	100
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5596.00 MHz	10	0	100
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5597.00 MHz	10	0	100
5595.00 MHz	FCC Short Pulse Radar (Type 1)	5598.00 MHz	3	3	50

Table 10 - Summary of All Results - HT5				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	98.9 %	80.0 %	90	PASSED
Long Sequence	83.3 %	80.0 %	30	PASSED

Table 11 - FCC Short Pulse Radar (Type 1) Results HT5						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:04:15 PM)
2	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:04:24 PM)
3	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:04:33 PM)
4	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:04:43 PM)
5	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:05:48 PM)
6	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:05:57 PM)
7	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:06:07 PM)
8	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:06:14 PM)
9	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:06:23 PM)
10	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:06:30 PM)
11	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:06:41 PM)
12	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:06:52 PM)
13	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:07:02 PM)
14	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:07:13 PM)
15	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:07:24 PM)
16	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:07:33 PM)
17	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:07:45 PM)
18	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:08:28 PM)
19	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:08:40 PM)
20	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:08:51 PM)

Table 11 - FCC Short Pulse Radar (Type 1) Results HT5						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:09:04 PM)
22	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:09:35 PM)
23	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:09:48 PM)
24	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:09:58 PM)
25	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:10:10 PM)
26	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:10:20 PM)
27	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:10:31 PM)
28	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:11:31 PM)
29	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:11:41 PM)
30	18	1.0	1428.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:11:50 PM)

Table 12 - FCC Short Pulse Radar (Type 2) Results HT5						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	29	3.5	204.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:13:02 PM)
2	28	3.3	210.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:13:11 PM)
3	26	1.7	194.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:13:20 PM)
4	26	4.3	212.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:13:28 PM)
5	28	2.3	171.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:13:36 PM)
6	24	1.9	207.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:13:45 PM)
7	27	1.4	193.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:13:54 PM)
8	29	2.8	193.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:14:02 PM)
9	26	1.5	223.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:14:11 PM)
10	24	1.6	210.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:14:21 PM)
11	26	1.6	180.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:14:32 PM)
12	24	1.7	167.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:14:58 PM)
13	27	4.3	219.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:15:05 PM)
14	27	3.6	168.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:15:14 PM)

Table 12 - FCC Short Pulse Radar (Type 2) Results HT5						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
15	25	1.5	217.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:15:21 PM)
16	23	4.6	175.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:15:30 PM)
17	24	2.5	191.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:15:38 PM)
18	28	2.6	211.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:15:45 PM)
19	28	1.1	168.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:15:54 PM)
20	24	1.1	177.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:16:06 PM)
21	28	1.9	188.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:16:13 PM)
22	24	3.8	201.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:16:20 PM)
23	24	3.9	195.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:16:29 PM)
24	26	3.8	164.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:16:38 PM)
25	29	3.2	170.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:16:48 PM)
26	23	4.7	195.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:16:56 PM)
27	27	3.0	161.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:17:05 PM)
28	28	3.9	164.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:17:15 PM)
29	25	4.1	163.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:17:29 PM)
30	26	4.1	154.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:17:40 PM)

Table 13 - FCC Short Pulse Radar (Type 4) Results HT5						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	15.2	368.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:18:20 PM)
2	16	19.1	328.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:18:30 PM)
3	16	13.4	299.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:18:39 PM)
4	13	15.3	284.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:18:46 PM)
5	13	18.8	358.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:18:55 PM)
6	16	15.0	494.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:21:40 PM)
7	16	12.6	462.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:22:02 PM)
8	14	18.1	470.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:22:13 PM)
9	14	18.0	242.0	Yes	5595.0MHz,	Single burst (01/26/2012 02:22:21

Table 13 - FCC Short Pulse Radar (Type 4) Results HT5						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	PM)
10	15	11.5	258.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:22:29 PM)
11	14	11.8	257.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:25:24 PM)
12	13	18.9	354.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:25:36 PM)
13	14	11.1	274.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:25:44 PM)
14	14	17.3	437.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:28:44 PM)
15	14	11.2	270.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:28:54 PM)
16	16	13.3	203.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:29:01 PM)
17	16	12.9	494.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:29:11 PM)
18	13	16.5	311.0	No	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:29:20 PM)
19	13	14.2	398.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:29:32 PM)
20	13	19.0	360.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:29:42 PM)
21	12	19.1	381.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:29:53 PM)
22	13	17.1	402.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:30:04 PM)
23	13	14.7	467.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:30:14 PM)
24	13	14.4	204.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:30:22 PM)
25	16	14.8	318.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:30:33 PM)
26	14	18.4	404.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:30:41 PM)
27	12	19.4	424.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:30:50 PM)
28	14	13.0	338.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:31:01 PM)
29	15	13.7	228.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:31:11 PM)
30	13	16.4	461.0	Yes	5595.0MHz, -64.0dBm	Single burst (01/26/2012 02:31:22 PM)

Table 14 - Long Sequence Waveform Summary HT5		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5595.0MHz, -64.0dBm
Trial #2	Detected	5595.0MHz, -64.0dBm
Trial #3	Detected	5595.0MHz, -64.0dBm
Trial #4	Detected	5595.0MHz, -64.0dBm
Trial #5	Detected	5595.0MHz, -64.0dBm
Trial #6	Detected	5595.0MHz, -64.0dBm
Trial #7	Detected	5595.0MHz, -64.0dBm
Trial #8	NOT Detected	5595.0MHz, -64.0dBm
Trial #9	NOT Detected	5595.0MHz, -64.0dBm
Trial #10	Detected	5595.0MHz, -64.0dBm
Trial #11	Detected	5595.0MHz, -64.0dBm
Trial #12	Detected	5595.0MHz, -64.0dBm
Trial #13	Detected	5595.0MHz, -64.0dBm
Trial #14	NOT Detected	5595.0MHz, -64.0dBm
Trial #15	Detected	5595.0MHz, -64.0dBm
Trial #16	Detected	5595.0MHz, -64.0dBm
Trial #17	Detected	5595.0MHz, -64.0dBm
Trial #18	Detected	5595.0MHz, -64.0dBm
Trial #19	Detected	5595.0MHz, -64.0dBm
Trial #20	Detected	5595.0MHz, -64.0dBm
Trial #21	Detected	5595.0MHz, -64.0dBm
Trial #22	Detected	5595.0MHz, -64.0dBm
Trial #23	Detected	5595.0MHz, -64.0dBm
Trial #24	Detected	5595.0MHz, -64.0dBm
Trial #25	Detected	5595.0MHz, -64.0dBm
Trial #26	Detected	5595.0MHz, -64.0dBm
Trial #27	Detected	5595.0MHz, -64.0dBm

Table 14 - Long Sequence Waveform Summary HT5		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #28	Detected	5595.0MHz, -64.0dBm
Trial #29	NOT Detected	5595.0MHz, -64.0dBm
Trial #30	NOT Detected	5595.0MHz, -64.0dBm

Table 15 - HT5 Long Sequence Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	60.4	16	-	-	0.516236
2	3	54.3	7	1549.0	1302.0	0.651518
3	3	51.2	17	1702.0	1144.0	1.364738
4	3	72.6	5	1330.0	1910.0	1.995463
5	1	69.2	7	-	-	2.590614
6	3	72.0	9	1524.0	1853.0	3.419611
7	2	88.2	11	1313.0	-	3.678867
8	2	58.0	8	1524.0	-	4.526727
9	1	50.3	9	-	-	5.028014
10	1	95.0	13	-	-	5.487211
11	2	82.9	7	1930.0	-	6.359121
12	1	87.5	12	-	-	6.614811
13	1	70.6	10	-	-	7.668846
14	2	53.5	20	1579.0	-	8.342317
15	2	71.4	16	1696.0	-	8.886980
16	2	99.8	10	1201.0	-	9.373033
17	1	57.6	7	-	-	10.112468
18	2	61.3	8	1605.0	-	10.747133
19	1	81.9	7	-	-	11.091516
20	1	84.0	15	-	-	11.682870

Table 16 - HT5 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	95.6	8	-	-	0.373704
2	1	58.5	14	-	-	1.038938
3	2	86.0	12	1197.0	-	2.485808
4	1	66.2	20	-	-	2.864285
5	3	72.2	14	1733.0	1974.0	3.475962
6	1	91.6	19	-	-	4.481652
7	3	60.1	12	1260.0	1302.0	5.279943
8	1	70.2	13	-	-	6.745770
9	3	52.8	17	1676.0	1996.0	6.944787
10	3	61.7	10	1738.0	1375.0	8.319772
11	3	75.0	18	1698.0	1753.0	8.989498
12	2	90.7	16	1626.0	-	10.058769
13	3	69.4	10	1124.0	1423.0	10.635768
14	2	72.1	7	1653.0	-	11.483078

Table 17 - HT5 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	61.9	18	-	-	0.781223
2	1	63.6	9	-	-	1.411954
3	2	54.7	7	1152.0	-	2.698530
4	2	82.2	6	1913.0	-	4.443082
5	1	64.2	11	-	-	6.606617
6	2	77.2	5	1227.0	-	7.777143
7	1	67.6	11	-	-	8.130260
8	2	97.0	16	1093.0	-	9.889912
9	2	94.9	6	1098.0	-	10.712387

Table 18 - HT5 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	92.0	6	1922.0	1001.0	0.453825
2	3	82.1	12	1488.0	1060.0	1.787668
3	2	97.2	15	1258.0	-	2.937242
4	2	72.3	6	1784.0	-	3.316430
5	3	57.8	7	1647.0	1010.0	4.926218
6	2	54.1	16	1113.0	-	5.376271
7	1	71.8	8	-	-	6.845776
8	2	83.8	17	1375.0	-	7.299768
9	1	96.6	7	-	-	8.104507
10	2	85.2	12	1303.0	-	9.052899
11	1	68.5	9	-	-	10.362827
12	1	72.4	11	-	-	11.695880

Table 19 - HT5 Long Sequence Waveform Trial#5 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	84.8	19	1202.0	-	0.439534
2	2	62.2	8	1322.0	-	1.095959
3	2	97.4	12	1027.0	-	2.270626
4	2	97.4	9	1476.0	-	2.762829
5	3	65.1	9	1048.0	1838.0	3.267982
6	3	86.9	14	1442.0	1251.0	4.271474
7	3	91.7	19	1995.0	1060.0	4.900315
8	2	71.0	18	1377.0	-	5.823425
9	2	91.9	11	1624.0	-	7.173472
10	2	78.7	15	1210.0	-	7.911618
11	1	74.3	13	-	-	8.352310
12	3	74.3	18	1790.0	1046.0	9.173557
13	2	81.0	13	1924.0	-	10.391196
14	2	83.1	17	1816.0	-	11.182298
15	2	76.7	8	1497.0	-	11.471886

Table 20 - HT5 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	91.0	10	1946.0	1447.0	0.757316
2	2	63.1	14	1037.0	-	1.712932
3	2	92.5	11	1991.0	-	2.502953

Table 20 - HT5 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)
4	2	55.2	15	1213.0	-	3.487421
5	3	64.5	6	1979.0	1244.0	3.738274
6	1	85.0	7	-	-	4.922393
7	2	99.4	13	1898.0	-	5.891525
8	2	72.1	17	1610.0	-	6.547256
9	1	93.8	6	-	-	7.869560
10	2	83.0	15	1773.0	-	9.206618
11	1	60.1	9	-	-	9.834991
12	3	57.5	16	1514.0	1914.0	10.568210
13	2	95.9	18	1263.0	-	11.189181

Table 21 - HT5 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	61.9	14	1443.0	-	0.124217
2	1	78.6	13	-	-	0.834251
3	2	64.6	13	1417.0	-	1.597357
4	2	67.3	19	1411.0	-	2.799337
5	2	80.7	20	1877.0	-	3.084344
6	2	77.0	10	1581.0	-	3.824394
7	2	68.9	18	1499.0	-	4.796513
8	2	75.4	9	1993.0	-	5.819676
9	1	79.3	6	-	-	6.187069
10	3	71.6	8	1710.0	1764.0	7.363104
11	2	62.3	8	1567.0	-	7.863168
12	2	60.2	9	1691.0	-	8.846069
13	2	53.8	7	1318.0	-	9.455575
14	1	97.4	7	-	-	9.840418
15	1	67.9	16	-	-	11.195803
16	2	86.4	11	1296.0	-	11.775951

Table 22 - HT5 Long Sequence Waveform Trial#8 (NOT 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	8	-	-	0.425083
2	1	75.6	11	-	-	1.065634
3	3	89.5	11	1275.0	1016.0	2.683403
4	2	88.7	7	1378.0	-	3.737898
5	1	54.7	9	-	-	4.595384
6	2	88.3	19	1480.0	-	5.962520
7	2	86.9	19	1095.0	-	6.888900
8	3	76.0	13	1406.0	1581.0	7.011753
9	2	66.3	18	1261.0	-	8.128606
10	3	51.5	15	1525.0	1305.0	9.683237
11	2	53.3	12	1381.0	-	10.714041
12	3	91.3	10	1686.0	1319.0	11.937462

Table 23 - HT5 Long Sequence Waveform Trial#9 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	79.4	5	-	-	0.191975
2	1	55.0	13	-	-	2.167326
3	1	63.4	10	-	-	2.986693
4	1	87.7	10	-	-	5.187283
5	3	94.3	17	1565.0	1149.0	5.682318
6	2	96.9	9	1586.0	-	6.735078
7	2	57.7	16	1001.0	-	8.370276
8	3	51.9	14	1591.0	1626.0	9.355123
9	2	83.2	17	1528.0	-	11.061595

Table 24 - HT5 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	93.4	13	1064.0	-	0.965271
2	3	65.2	10	1586.0	1809.0	1.218065
3	3	85.1	16	1440.0	1156.0	2.593916
4	3	65.7	5	1522.0	1501.0	3.626293
5	2	51.1	17	1050.0	-	4.408001
6	2	51.7	13	1238.0	-	5.390754
7	1	95.3	19	-	-	6.177854
8	2	82.3	18	1810.0	-	7.553527
9	2	79.5	20	1637.0	-	8.265248
10	3	80.2	14	1906.0	1754.0	9.263718
11	1	81.1	13	-	-	10.546181
12	1	75.0	5	-	-	11.732486

Table 25 - HT5 Long Sequence Waveform Trial#11 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	93.3	17	1493.0	-	0.698254
2	2	64.3	19	1547.0	-	0.715421
3	2	92.7	11	1600.0	-	1.975584
4	2	98.9	11	1252.0	-	2.381154
5	2	79.9	15	1237.0	-	2.976914
6	3	78.2	13	1329.0	1593.0	3.649243
7	3	62.0	17	1447.0	1977.0	4.295776
8	1	89.2	17	-	-	5.255643
9	2	58.8	18	1377.0	-	5.812915
10	2	96.3	9	1321.0	-	6.991125
11	2	58.2	5	1642.0	-	7.291313
12	1	63.8	13	-	-	8.198943
13	2	63.3	10	1931.0	-	8.641102
14	3	68.5	19	1375.0	1804.0	9.183759
15	3	85.7	19	1887.0	1557.0	10.008999
16	3	70.3	15	1203.0	1885.0	10.643410
17	3	89.2	17	1327.0	1424.0	11.923436

Table 26 - HT5 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	19	1338.0	1533.0	0.214321

Table 26 - HT5 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)
2	1	85.9	14	-	-	2.011471
3	1	84.7	17	-	-	2.207362
4	1	69.9	6	-	-	3.875340
5	2	77.6	12	1556.0	-	4.410226
6	3	92.3	8	1191.0	1895.0	6.253817
7	3	85.7	10	1493.0	1709.0	6.559418
8	3	79.8	13	1767.0	1658.0	8.418892
9	3	86.0	12	1198.0	1766.0	9.561829
10	2	77.6	13	1803.0	-	10.228789
11	2	72.3	16	1753.0	-	11.798393

Table 27 - HT5 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	99.6	6	1472.0	-	0.697787
2	2	98.3	11	1725.0	-	1.191932
3	2	88.2	13	1226.0	-	1.480749
4	3	70.4	8	1262.0	1042.0	2.228247
5	1	86.5	6	-	-	2.963734
6	3	79.4	8	1333.0	1574.0	3.821150
7	2	87.6	14	1747.0	-	4.349872
8	1	72.0	13	-	-	5.042591
9	1	73.2	8	-	-	6.172539
10	2	64.7	8	1977.0	-	6.833197
11	3	92.3	19	1688.0	1371.0	7.313585
12	3	82.0	20	1471.0	1255.0	8.222456
13	2	67.8	16	1217.0	-	8.922457
14	3	98.7	13	1734.0	1239.0	9.401209
15	2	96.7	8	1547.0	-	10.339274
16	2	86.5	15	1801.0	-	11.265301
17	2	72.6	19	1355.0	-	11.924313

Table 28 - HT5 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	90.8	13	1027.0	-	0.487558
2	2	93.7	13	1880.0	-	1.056157
3	2	78.9	17	1254.0	-	2.036758
4	1	83.1	17	-	-	2.716813
5	2	60.0	14	1657.0	-	3.271764
6	1	87.3	6	-	-	3.901802
7	1	86.9	17	-	-	5.088591
8	2	50.3	16	1634.0	-	5.726516
9	2	70.2	15	1582.0	-	6.574957
10	3	82.2	12	1696.0	1550.0	6.775403
11	2	55.2	14	1338.0	-	7.743147
12	3	52.9	13	1241.0	1945.0	8.842035
13	3	98.1	11	1461.0	1172.0	9.010671
14	2	82.0	7	1868.0	-	10.092190
15	1	94.2	16	-	-	11.041491

Table 28 - HT5 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)
16	1	73.3	18	-	-	11.293561

Table 29 - HT5 Long Sequence Waveform Trial#15 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	83.1	13	1765.0	-	0.048331
2	2	61.9	5	1847.0	-	1.302318
3	2	95.4	15	1009.0	-	2.214260
4	3	55.1	15	1147.0	1124.0	3.011448
5	2	61.6	10	1385.0	-	3.477558
6	2	93.9	16	1141.0	-	4.136348
7	2	67.7	9	1932.0	-	4.937234
8	1	87.2	16	-	-	5.649701
9	3	92.5	11	1430.0	1975.0	6.578061
10	2	60.7	12	1744.0	-	7.763867
11	1	98.5	12	-	-	8.352218
12	2	71.3	17	1462.0	-	9.513735
13	3	57.3	6	1298.0	1827.0	10.302693
14	1	60.1	12	-	-	10.554612
15	2	97.1	13	1727.0	-	11.556470

Table 30 - HT5 Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	67.4	9	1649.0	-	0.704276
2	2	68.2	12	1668.0	-	1.335574
3	2	98.0	13	1954.0	-	2.225561
4	2	51.0	14	1622.0	-	3.566807
5	2	78.0	7	1349.0	-	4.816191
6	1	55.8	17	-	-	5.021536
7	2	85.7	13	1164.0	-	6.360542
8	2	98.6	6	1822.0	-	7.098665
9	2	55.9	13	1377.0	-	8.334427
10	2	91.2	13	1538.0	-	9.751291
11	2	55.9	6	1786.0	-	10.253235
12	1	63.9	16	-	-	11.773421

Table 31 - HT5 Long Sequence Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	99.6	12	-	-	0.073257
2	2	60.5	20	1397.0	-	0.803195
3	3	87.0	11	1631.0	1587.0	1.964917
4	2	95.6	7	1697.0	-	2.397400
5	3	91.4	16	1532.0	1074.0	3.027977
6	2	68.6	18	1671.0	-	3.861105
7	3	94.4	13	1367.0	1747.0	4.301217
8	2	98.9	6	1675.0	-	5.074136
9	2	61.3	7	1751.0	-	5.341701

Table 31 - HT5 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)
10	2	58.7	6	1753.0	-	6.207870
11	1	97.4	18	-	-	6.681377
12	3	74.9	6	1293.0	1723.0	7.495919
13	1	57.8	17	-	-	8.044266
14	2	79.1	9	1030.0	-	9.030059
15	1	59.6	8	-	-	9.718057
16	2	59.2	19	1884.0	-	10.256493
17	2	63.3	9	1306.0	-	11.237935
18	1	78.3	18	-	-	11.986848

Table 32 - HT5 Long Sequence Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	56.3	19	1052.0	-	0.462047
2	2	86.0	15	1081.0	-	1.473265
3	3	98.9	11	1244.0	1205.0	1.639885
4	3	84.8	18	1860.0	1417.0	3.123083
5	2	53.9	7	1806.0	-	3.469319
6	2	69.3	8	1579.0	-	4.153721
7	1	84.3	19	-	-	5.185464
8	1	67.5	18	-	-	5.903095
9	3	93.3	14	1025.0	1021.0	6.610400
10	2	97.7	6	1219.0	-	7.326832
11	3	83.1	17	1862.0	1223.0	8.441527
12	2	55.6	8	1498.0	-	9.388009
13	2	63.0	12	1418.0	-	10.292772
14	3	57.5	13	1765.0	1274.0	10.597663
15	1	99.5	18	-	-	11.238364

Table 33 - HT5 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	90.6	17	1775.0	1800.0	0.278315
2	2	52.0	13	1158.0	-	0.900679
3	3	56.7	18	1094.0	1977.0	1.929569
4	2	50.5	16	1323.0	-	2.264549
5	2	80.6	8	1266.0	-	3.126461
6	2	90.0	6	1240.0	-	4.142585
7	2	82.7	7	1033.0	-	4.321154
8	2	69.4	9	1690.0	-	5.350030
9	3	59.9	12	1059.0	1189.0	6.271078
10	3	69.7	12	1439.0	1945.0	6.829006
11	1	52.6	12	-	-	7.729931
12	2	92.8	8	1234.0	-	8.340471
13	1	62.0	13	-	-	9.001350
14	3	81.9	9	1613.0	1453.0	9.355425
15	2	96.2	5	1759.0	-	9.886308
16	1	70.1	17	-	-	10.983961
17	1	55.2	10	-	-	11.870280

Table 34 - HT5 Long Sequence Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	95.2	15	1516.0	-	0.387135
2	1	66.0	16	-	-	1.464114
3	3	63.1	8	1587.0	1265.0	1.810143
4	3	58.7	18	1425.0	1895.0	2.284484
5	2	81.6	14	1664.0	-	3.093553
6	2	79.3	16	1718.0	-	4.301937
7	2	85.4	19	1440.0	-	4.830137
8	2	52.5	12	1540.0	-	5.852513
9	1	87.6	7	-	-	6.010077
10	2	55.6	9	1869.0	-	6.956966
11	2	56.6	6	1958.0	-	7.990956
12	3	79.5	11	1337.0	1821.0	8.783186
13	1	82.2	14	-	-	9.500209
14	3	94.0	9	1032.0	1249.0	10.451782
15	3	87.2	5	1694.0	1507.0	10.833525
16	2	65.0	13	1874.0	-	11.733857

Table 35 - HT5 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	67.6	10	1013.0	-	0.112158
2	2	60.3	11	1710.0	-	1.258181
3	2	68.0	18	1795.0	-	1.487019
4	1	75.2	18	-	-	2.572802
5	2	85.2	13	1682.0	-	3.001508
6	2	64.6	15	1107.0	-	3.812159
7	3	60.8	19	1545.0	1336.0	4.262949
8	1	73.2	6	-	-	5.530980
9	2	64.9	19	1630.0	-	5.862157
10	1	54.3	19	-	-	7.014723
11	1	96.2	8	-	-	7.377605
12	1	58.3	7	-	-	7.770427
13	2	54.5	12	1787.0	-	8.876484
14	1	91.3	9	-	-	9.477677
15	2	93.1	11	1172.0	-	9.951027
16	2	59.2	20	1824.0	-	10.673455
17	3	97.8	7	1563.0	1424.0	11.667769

Table 36 - HT5 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	98.3	13	-	-	0.441290
2	2	74.9	8	1514.0	-	1.089923
3	3	93.7	10	1190.0	1375.0	1.863525
4	3	97.3	5	1638.0	1916.0	2.969116
5	1	89.2	11	-	-	3.520066
6	1	79.2	19	-	-	4.389830
7	1	66.3	12	-	-	5.192865
8	1	89.9	16	-	-	6.743858
9	2	79.1	7	1032.0	-	6.989850

Table 36 - HT5 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)
10	3	63.4	18	1193.0	1627.0	8.406949
11	2	80.0	16	1725.0	-	9.305240
12	1	87.1	15	-	-	10.047062
13	1	93.5	18	-	-	10.615721
14	2	88.5	6	1679.0	-	11.752085

Table 37 - HT5 Long Sequence Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	98.5	13	-	-	0.427305
2	3	58.6	11	1254.0	1477.0	1.600635
3	1	69.7	17	-	-	2.647952
4	2	87.8	12	1157.0	-	3.970764
5	2	93.8	13	1049.0	-	5.153203
6	2	96.3	9	1660.0	-	6.277378
7	2	70.9	17	1801.0	-	7.913809
8	3	96.0	11	1182.0	1281.0	8.501939
9	2	74.4	11	1829.0	-	10.072543
10	2	50.8	15	1405.0	-	11.860494

Table 38 - HT5 Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	77.0	14	1662.0	-	0.656269
2	3	66.1	9	1452.0	1915.0	0.736293
3	3	79.9	17	1426.0	1846.0	1.416563
4	1	95.5	20	-	-	2.763848
5	2	84.8	15	1381.0	-	3.348648
6	2	54.5	15	1099.0	-	3.913401
7	1	77.3	7	-	-	4.793817
8	3	56.0	9	1757.0	1993.0	5.623249
9	2	87.9	12	1832.0	-	5.768817
10	2	70.9	12	1448.0	-	6.468513
11	2	86.9	8	1354.0	-	7.239154
12	1	64.6	11	-	-	8.026528
13	3	71.4	8	1213.0	1657.0	8.699384
14	3	90.3	10	1599.0	1958.0	9.523745
15	2	58.3	5	1959.0	-	10.124137
16	2	85.5	5	1220.0	-	11.083782
17	1	97.7	17	-	-	11.408716

Table 39 - HT5 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	61.9	9	1648.0	-	0.444174
2	2	82.1	11	1542.0	-	0.893386
3	2	59.0	7	1826.0	-	1.679036
4	2	52.1	15	1173.0	-	2.394461
5	1	99.5	6	-	-	2.727933

Table 39 - HT5 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)
6	1	64.2	9	-	-	3.694473
7	2	76.6	14	1408.0	-	4.345346
8	1	80.1	17	-	-	4.890221
9	2	54.3	17	1779.0	-	5.424429
10	2	51.2	7	1956.0	-	6.477035
11	2	70.0	10	1060.0	-	7.008374
12	2	75.4	6	1558.0	-	7.356306
13	3	57.1	12	1139.0	1503.0	8.009952
14	2	79.9	20	1571.0	-	9.128512
15	1	72.8	7	-	-	9.430483
16	2	93.6	7	1187.0	-	10.216831
17	1	53.8	15	-	-	11.311540
18	1	61.0	8	-	-	11.710003

Table 40 - HT5 Long Sequence Waveform Trial#26 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	62.6	9	-	-	0.993682
2	2	76.7	10	1377.0	-	1.757707
3	2	56.0	10	1327.0	-	2.531009
4	2	92.9	6	1651.0	-	4.385591
5	3	50.7	13	1807.0	1703.0	5.722463
6	3	54.9	18	1920.0	1089.0	6.045235
7	3	79.9	16	1366.0	1532.0	7.276262
8	1	65.7	6	-	-	9.277269
9	3	75.9	15	1450.0	1529.0	10.654180
10	2	52.2	8	1231.0	-	11.135447

Table 41 - HT5 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	91.9	9	1467.0	1884.0	0.057538
2	2	74.3	12	1841.0	-	2.117271
3	2	89.2	12	1190.0	-	2.664756
4	3	61.1	15	1196.0	1226.0	4.193465
5	2	62.9	14	1290.0	-	5.227834
6	1	69.2	19	-	-	5.916271
7	2	73.0	14	1514.0	-	7.131845
8	2	63.6	18	1953.0	-	8.398028
9	1	59.5	17	-	-	9.382728
10	1	61.4	6	-	-	9.870923
11	2	61.2	20	1804.0	-	11.395420

Table 42 - HT5 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	83.1	12	1680.0	-	0.993469
2	2	82.0	15	1954.0	-	1.633182
3	1	75.4	14	-	-	2.789336

Table 42 - HT5 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)
4	2	75.6	18	1471.0	-	5.203135
5	3	73.3	19	1668.0	1297.0	5.627035
6	1	72.3	10	-	-	7.728039
7	2	56.3	7	1392.0	-	8.700114
8	1	71.3	16	-	-	10.081176
9	3	92.3	15	1872.0	1090.0	11.324028

Table 43 - HT5 Long Sequence Waveform Trial#29 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	95.6	14	1003.0	-	0.563970
2	1	66.2	18	-	-	1.143982
3	1	97.1	17	-	-	2.019156
4	3	97.9	19	1016.0	1283.0	2.579969
5	2	97.3	14	1628.0	-	3.258621
6	1	89.4	17	-	-	4.440388
7	2	78.2	13	1329.0	-	5.547071
8	3	71.5	9	1330.0	1339.0	5.641364
9	1	83.9	12	-	-	6.784196
10	2	64.8	11	1666.0	-	7.723452
11	3	87.7	13	1591.0	1016.0	8.570711
12	2	50.3	16	1470.0	-	9.012813
13	2	73.2	14	1750.0	-	10.039774
14	2	83.2	10	1251.0	-	11.031259
15	3	92.9	13	1399.0	1940.0	11.684313

Table 44 - HT5 Long Sequence Waveform Trial#30 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	53.2	8	1010.0	-	1.073338
2	2	74.1	17	1299.0	-	1.675419
3	3	78.7	17	1326.0	1043.0	2.767049
4	1	88.2	17	-	-	4.110160
5	2	60.0	8	1168.0	-	5.806073
6	2	60.7	13	1417.0	-	7.181831
7	2	71.8	9	1090.0	-	8.341256
8	2	90.4	14	1062.0	-	9.503646
9	2	71.5	7	1946.0	-	10.295633
10	3	87.7	13	1452.0	1525.0	10.815603

Table 45 - Summary of All Results - HT20				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED

Table 46 - FCC Short Pulse Radar (Type 3) Results HT20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	9.3	207.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:55:38 PM)
2	17	9.9	228.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:55:52 PM)
3	16	7.0	257.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:56:04 PM)
4	17	7.9	430.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:56:26 PM)
5	17	8.1	268.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:56:33 PM)
6	18	8.7	267.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:56:41 PM)
7	17	10.0	404.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:56:48 PM)
8	17	8.6	457.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:56:58 PM)
9	17	8.9	278.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:57:07 PM)
10	18	6.2	427.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:57:23 PM)
11	17	7.9	233.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:57:31 PM)
12	18	6.8	238.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:57:40 PM)
13	18	8.0	444.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:57:50 PM)
14	18	8.6	408.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:58:08 PM)
15	17	8.1	384.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:58:20 PM)
16	17	6.2	493.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:58:27 PM)
17	17	8.9	239.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:58:38 PM)
18	18	6.7	340.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:58:49 PM)
19	18	7.8	234.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:58:58 PM)
20	17	9.3	356.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:59:06 PM)
21	18	7.6	473.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:59:17 PM)
22	17	9.8	373.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:59:26 PM)
23	17	9.7	435.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 02:59:34 PM)

Table 46 - FCC Short Pulse Radar (Type 3) Results HT20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
24	17	7.8	310.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 02:59:42 PM)
25	16	9.5	250.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 02:59:52 PM)
26	17	6.2	266.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 03:00:01 PM)
27	18	8.3	440.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 03:00:10 PM)
28	17	8.3	294.0	Yes	5305.0MHz, -64.0dBm	Single burst (01/26/2012 03:00:19 PM)
29	17	8.1	275.0	Yes	5300.0MHz, -64.0dBm	Single burst (01/26/2012 03:00:26 PM)
30	17	7.5	288.0	Yes	5310.0MHz, -64.0dBm	Single burst (01/26/2012 03:00:38 PM)

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 47 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, HT5, AP	6.6 ms	60 ms	4.72 s	10 s	Pass
Radar Type 5, HT5, AP	0 ms	60 ms	-6.589 s	10 s	Pass
Radar Type 1, HT40, AP	3.8 ms	60 ms	4.55 s	10 s	Pass
Radar Type 5, HT40, AP	0 ms	60 ms	-6.576 s	10 s	Pass
Radar Type 1, HT5, Station	1.4ms	60 ms	495ms	10 s	Pass
Radar Type 1, HT20, Station	5.14ms	60 ms	437ms	10 s	Pass
Radar Type 1, HT40, Station	0.92ms	60 ms	451 ms	10 s	Pass

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

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

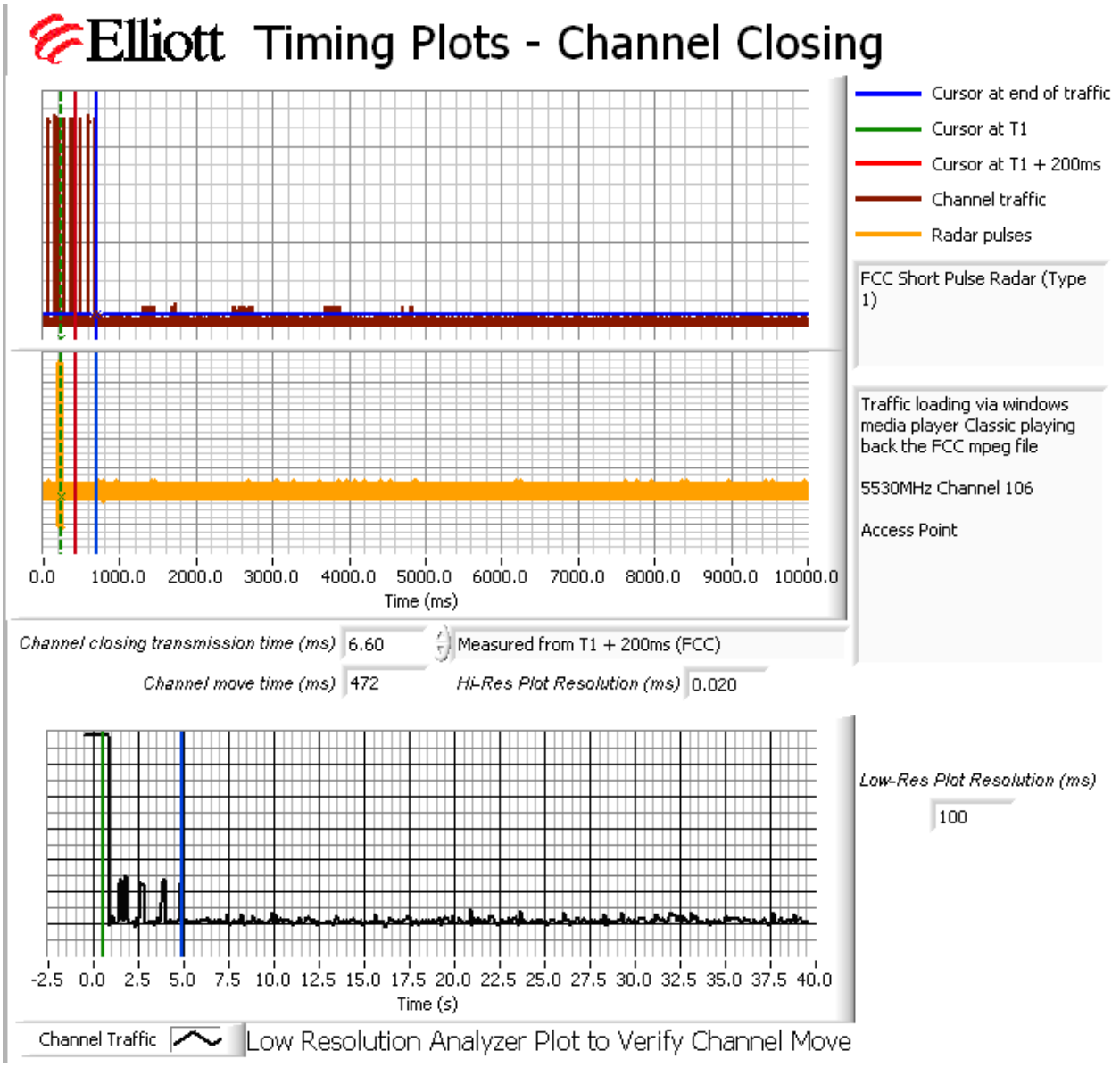


Figure 2 Channel Closing Time and Channel Move Time – 40 second plot, HT5, Type 1

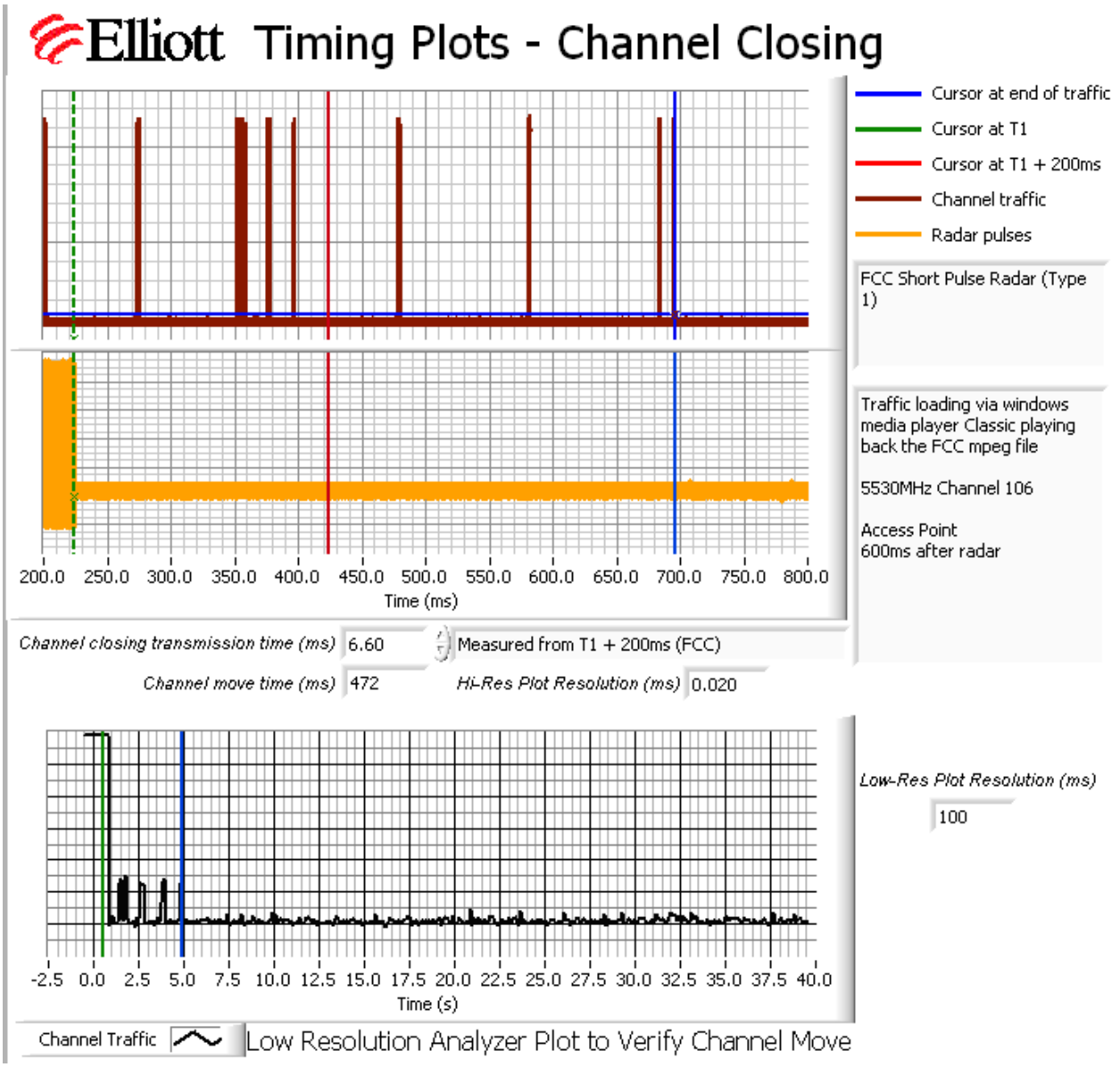


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, HT5 Type 1

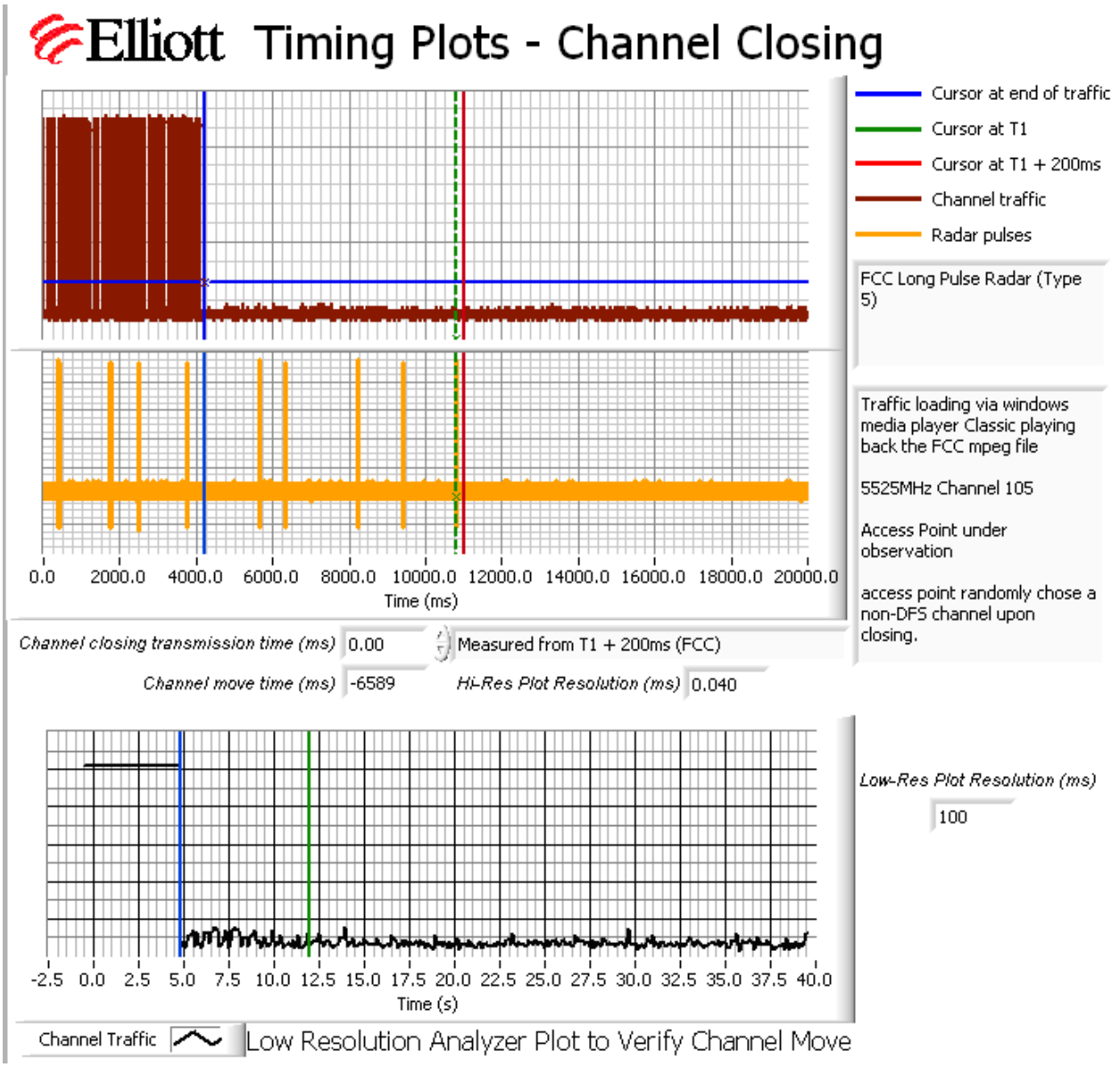


Figure 4 Channel Closing Time and Channel Move Time – 40 second plot, HT5 Type 5

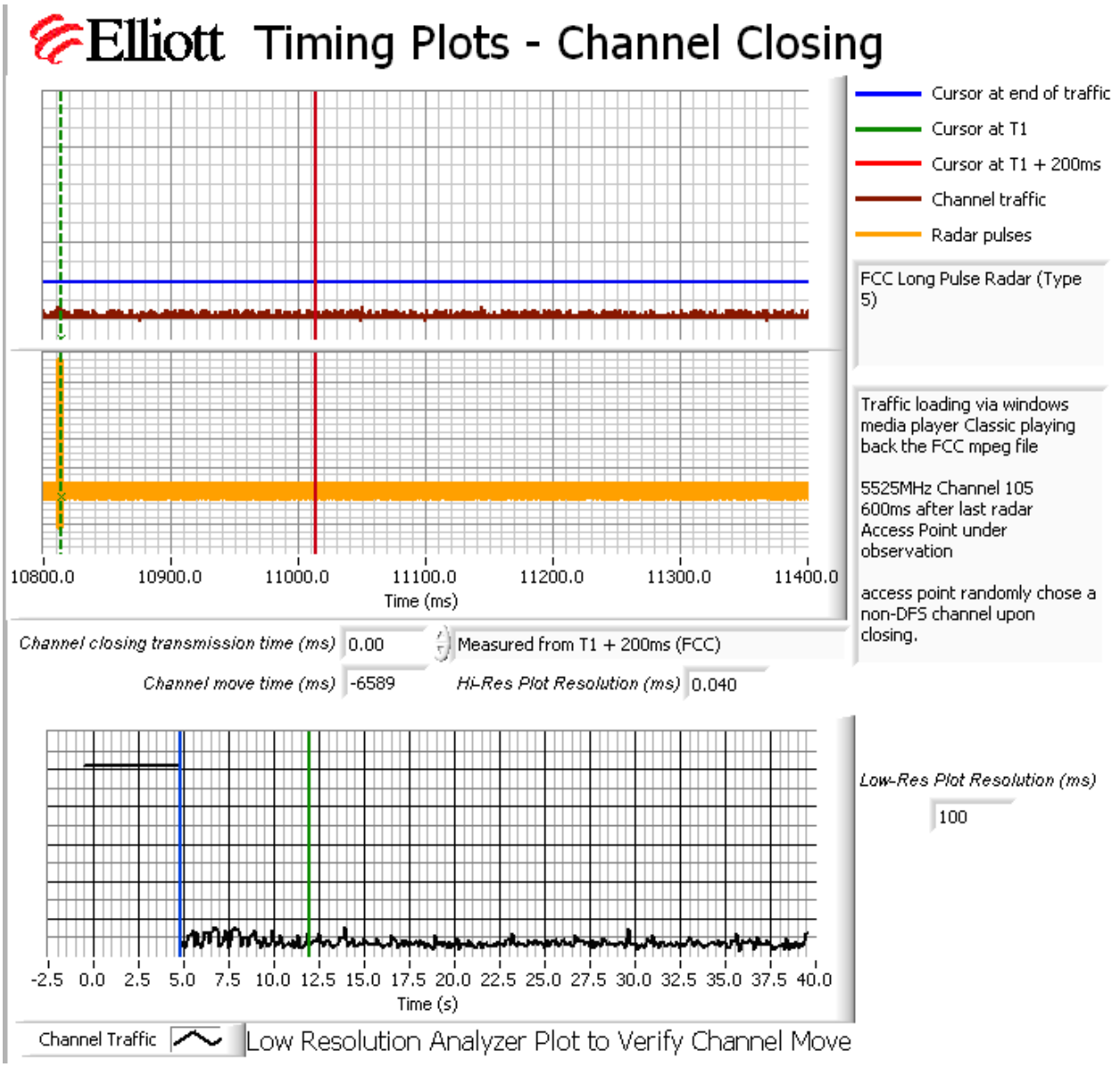


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, HT5 Type 5

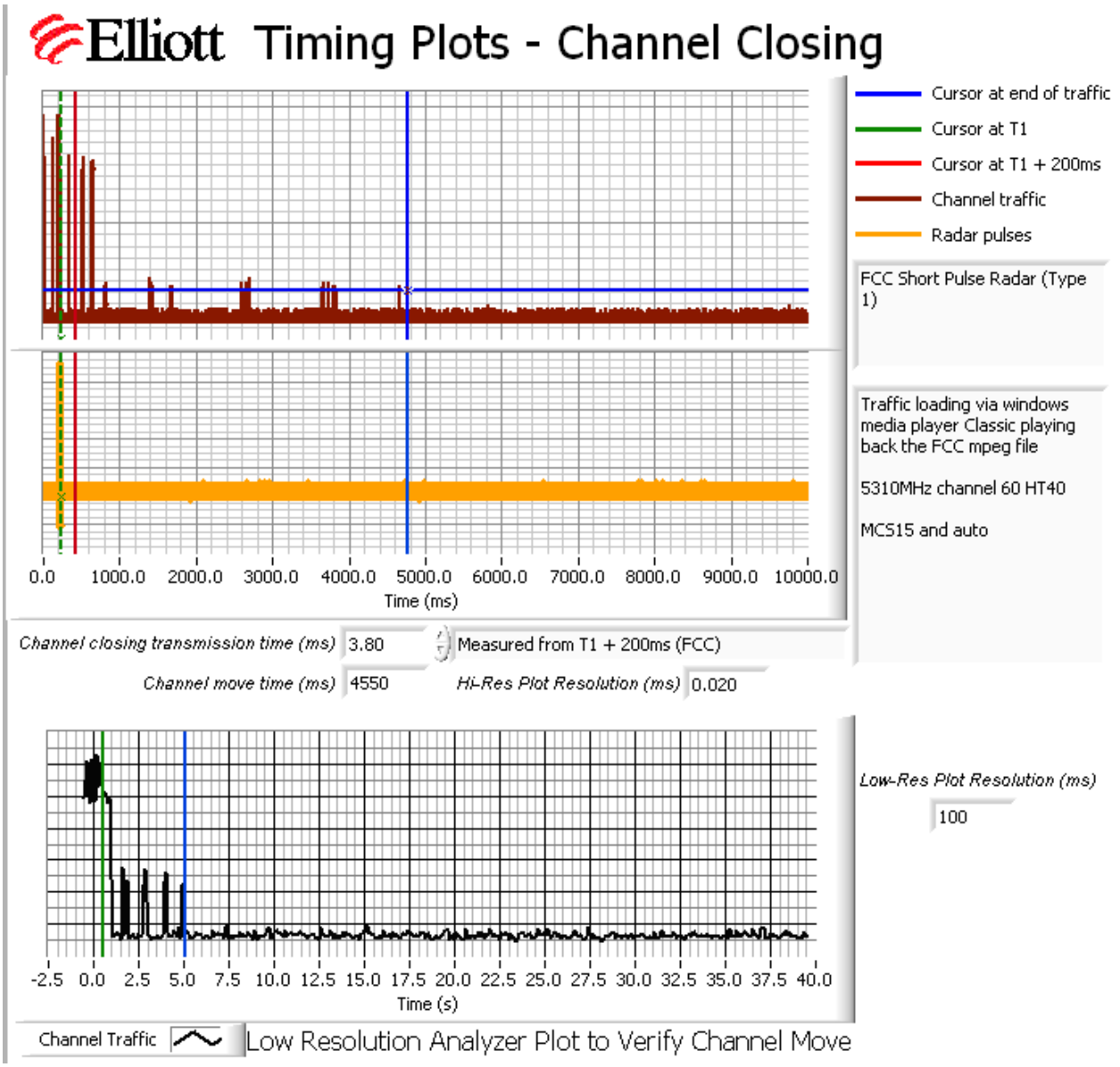


Figure 6 Channel Closing Time and Channel Move Time – 40 second plot, HT40, Type 1

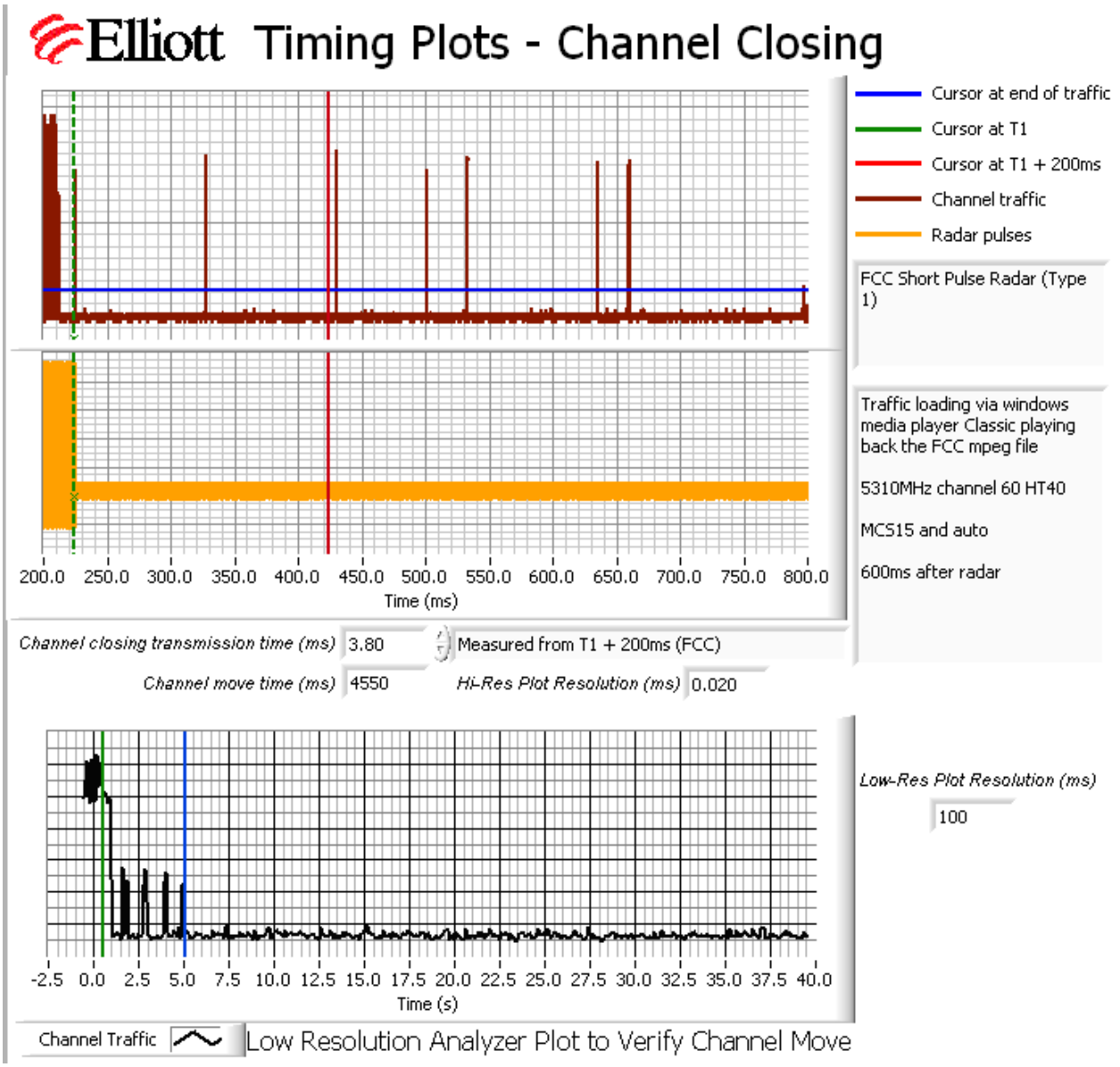


Figure 7 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, HT40, Type 1

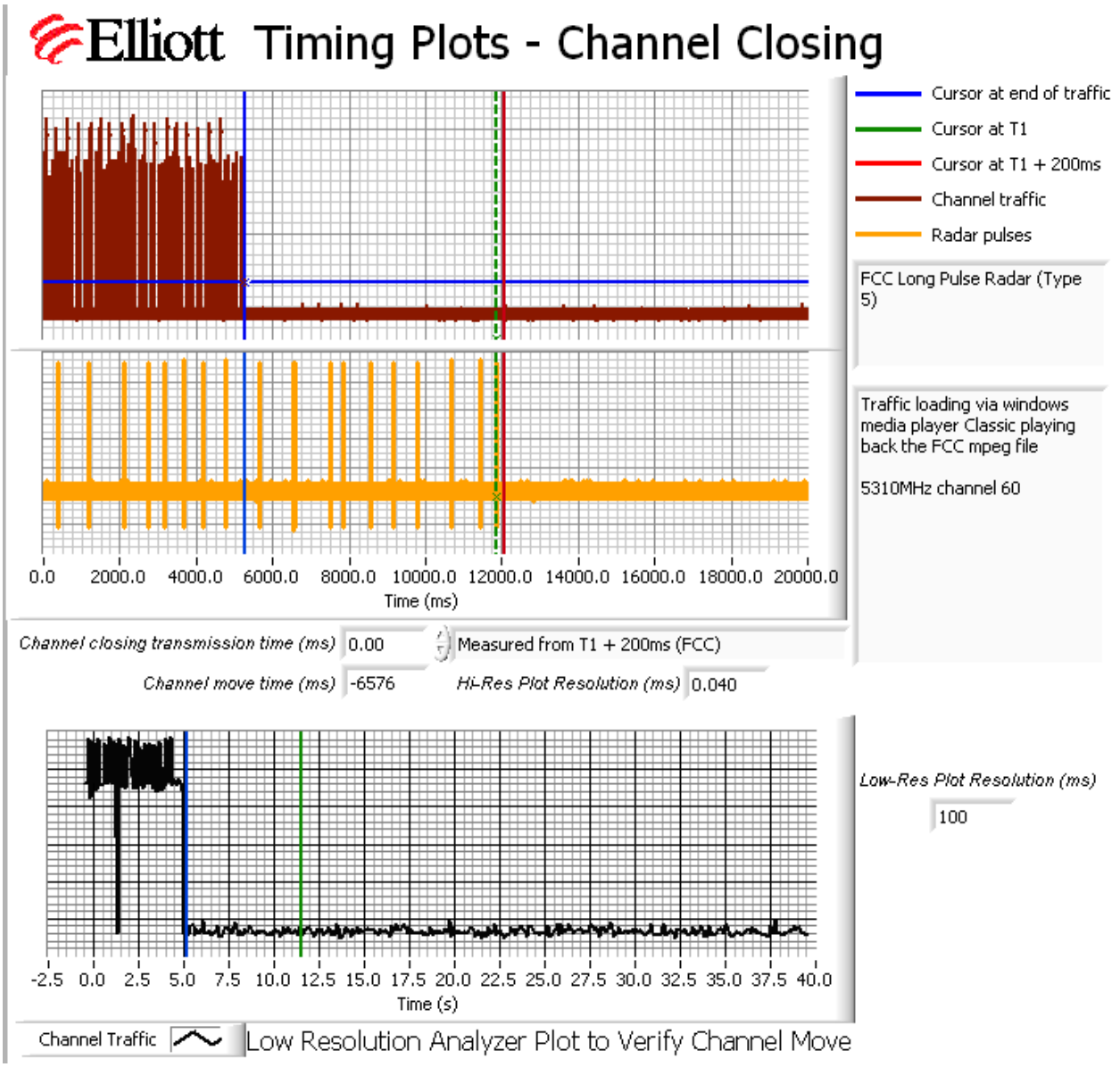


Figure 8 Channel Closing Time and Channel Move Time – 40 second plot, HT40, Type 5

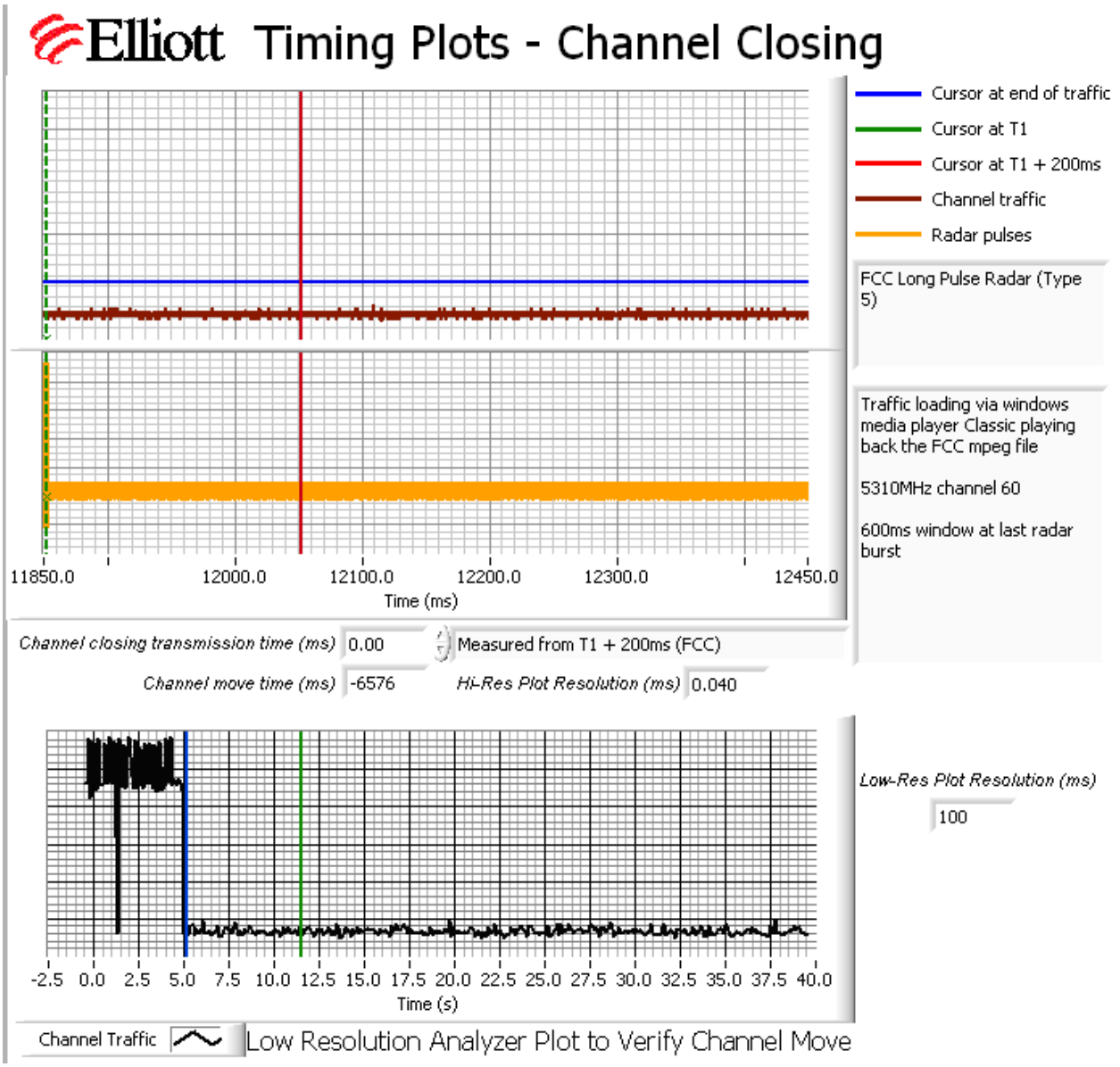


Figure 9 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, HT40, Type 5

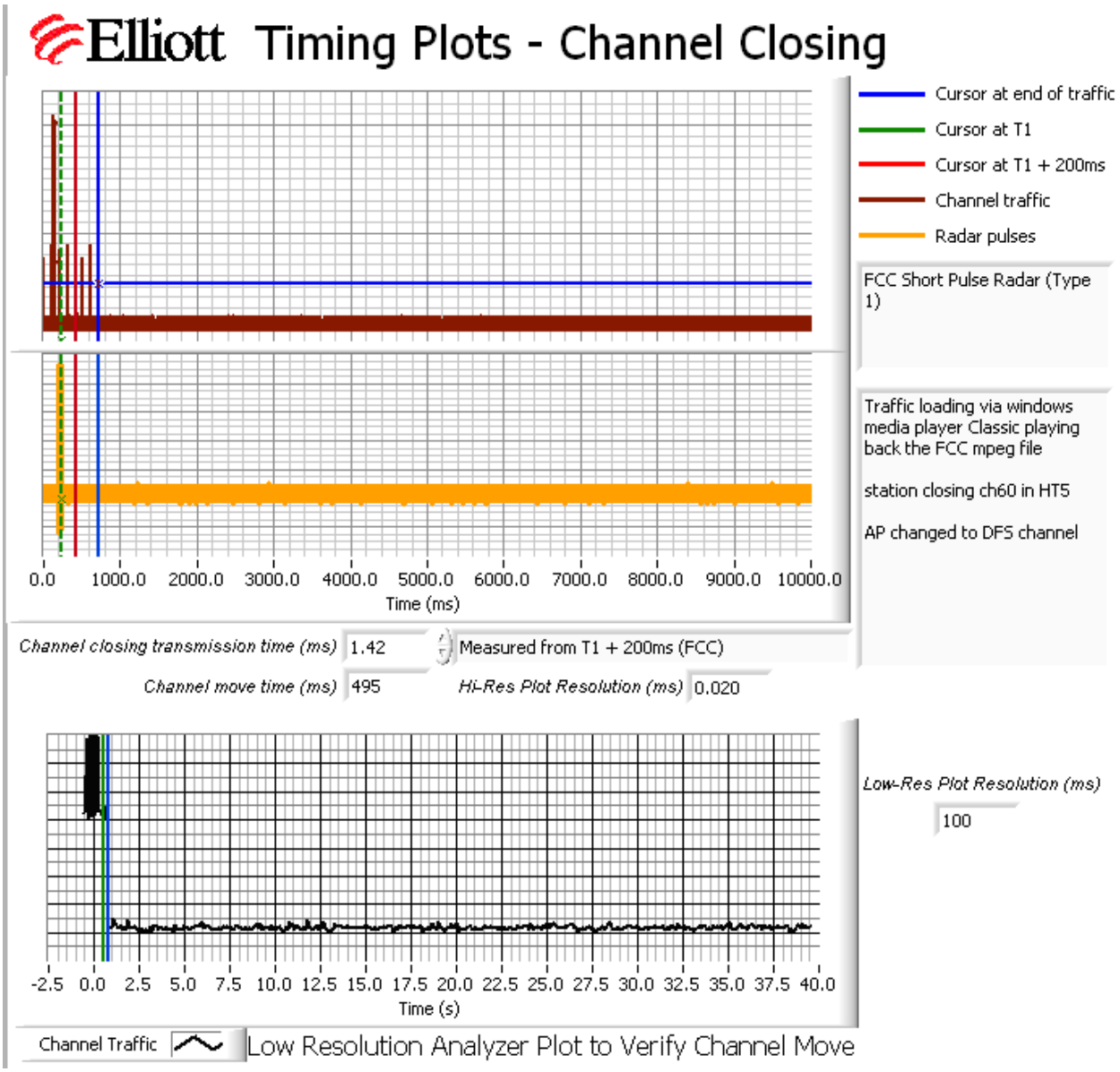


Figure 10 Channel Closing Time and Channel Move Time – 40 second plot, Station HT5

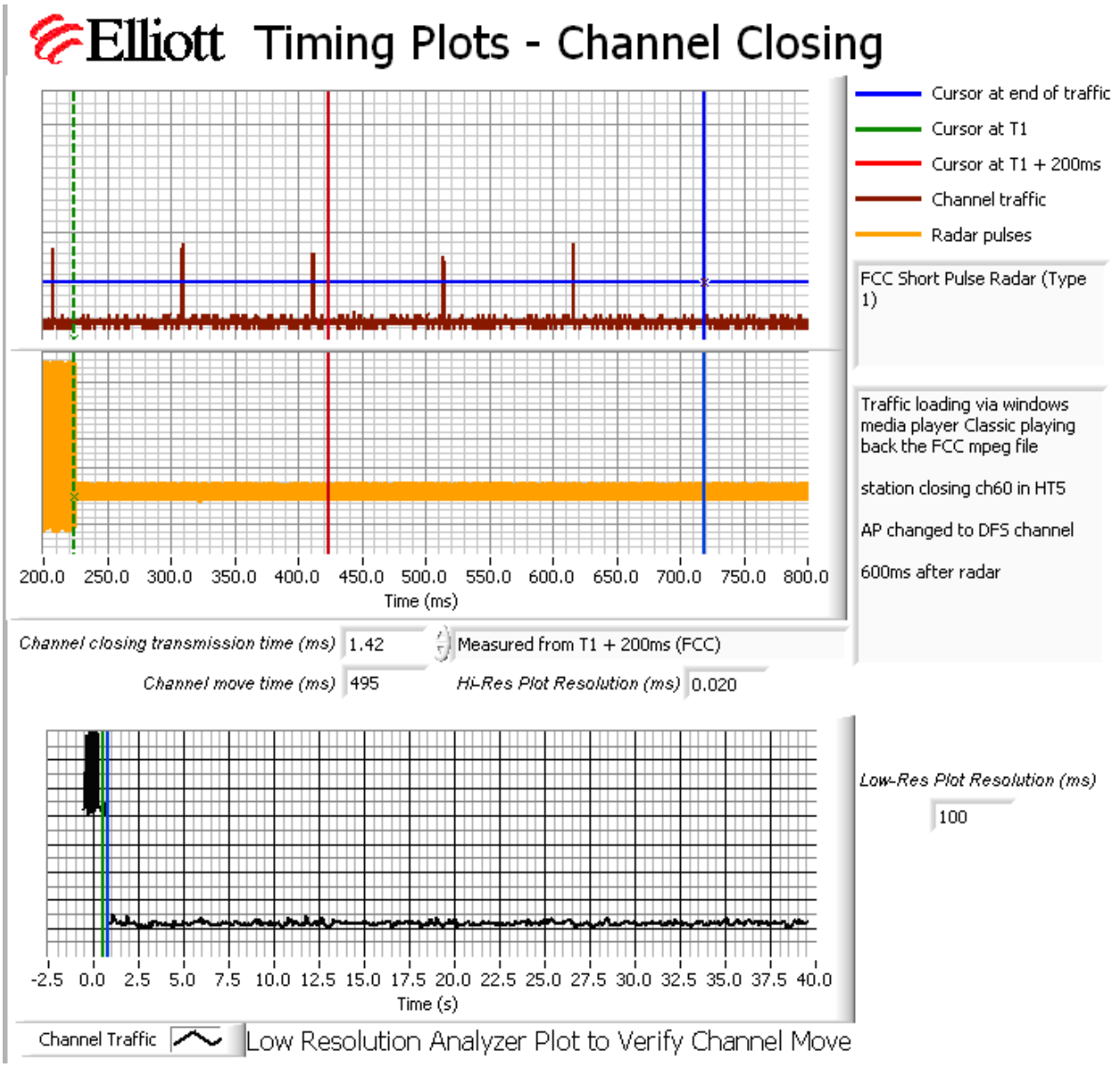


Figure 11 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Station HT5

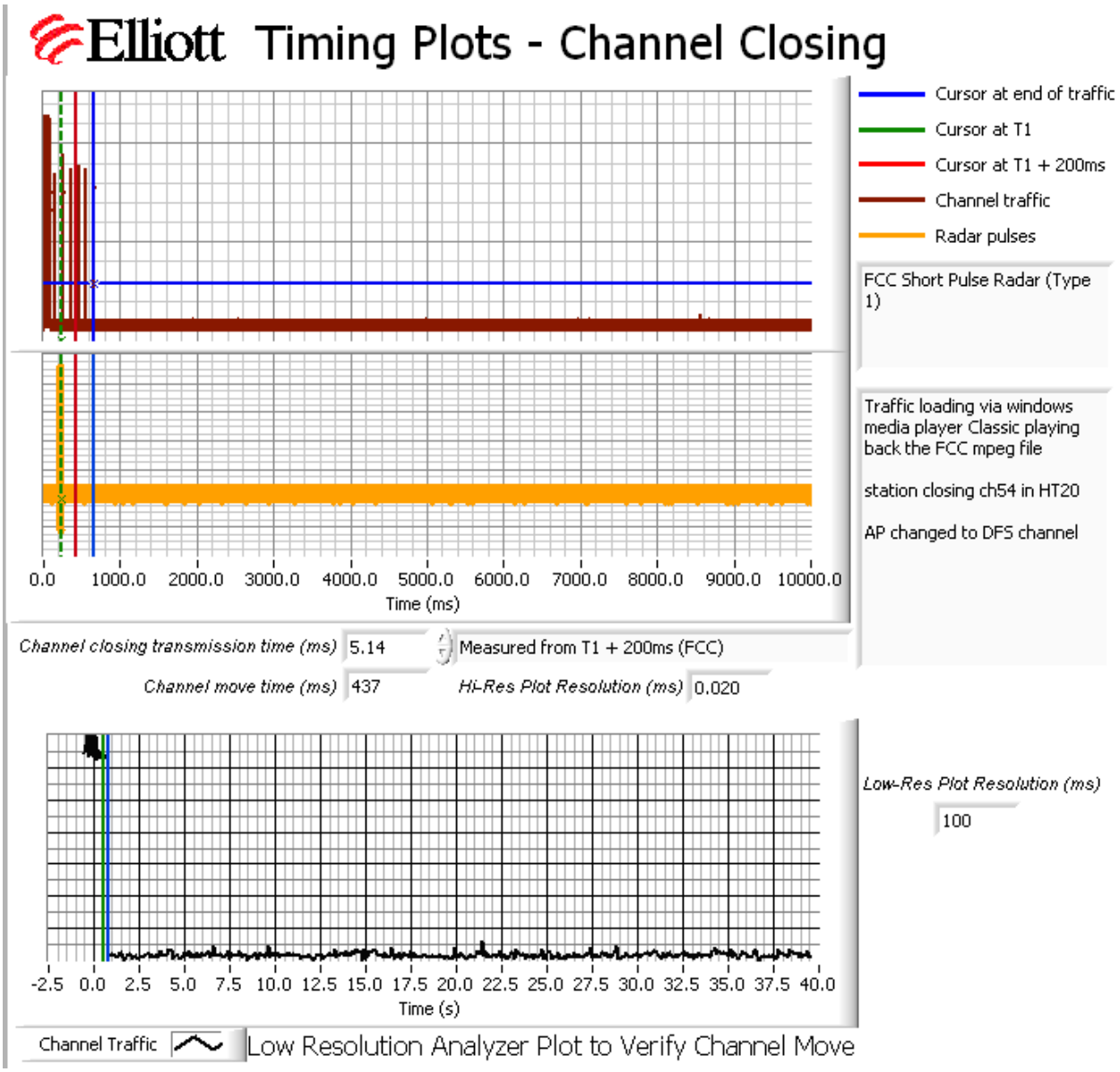


Figure 12 Channel Closing Time and Channel Move Time – 40 second plot, Station HT20

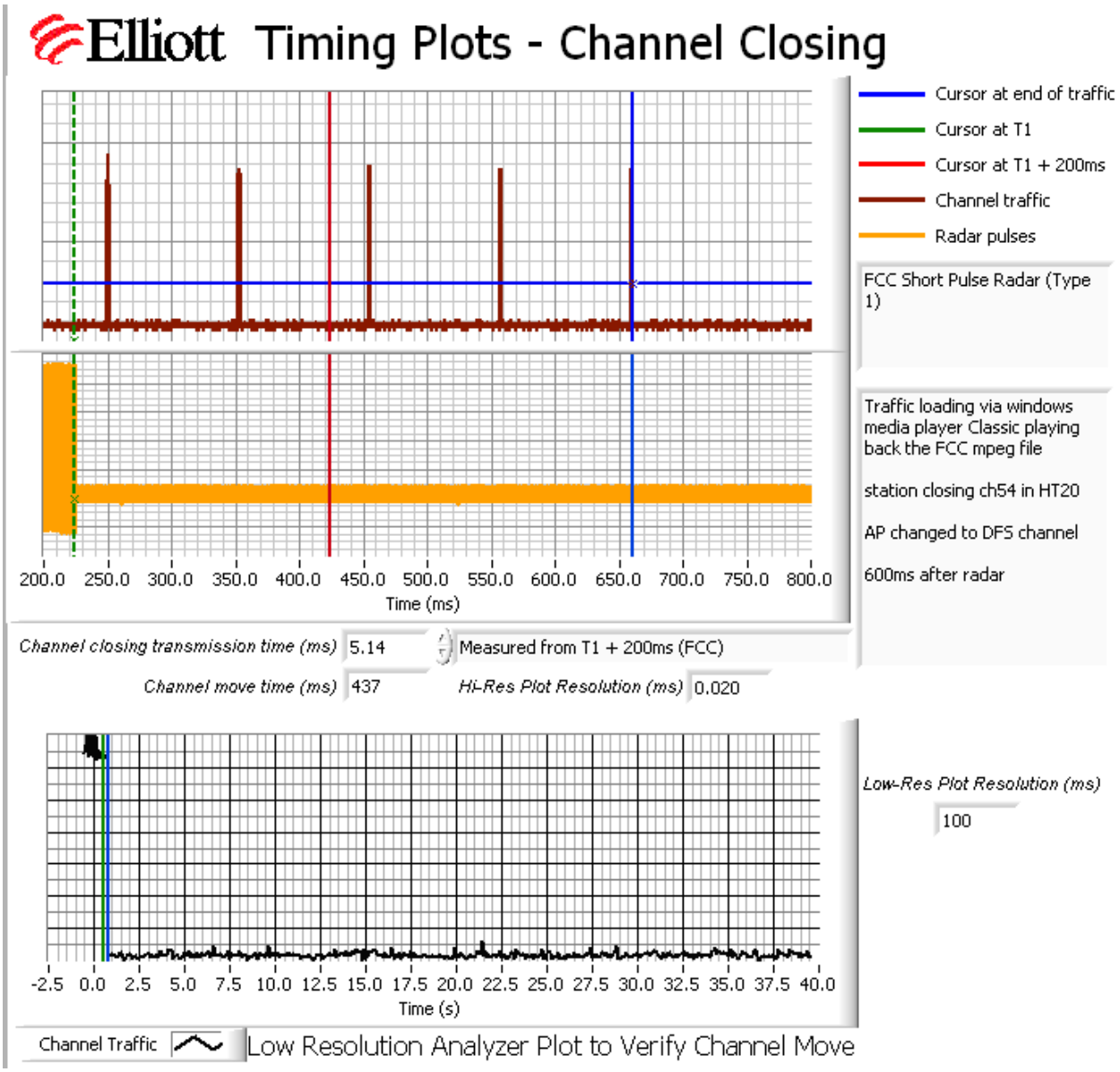


Figure 13 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Station HT20

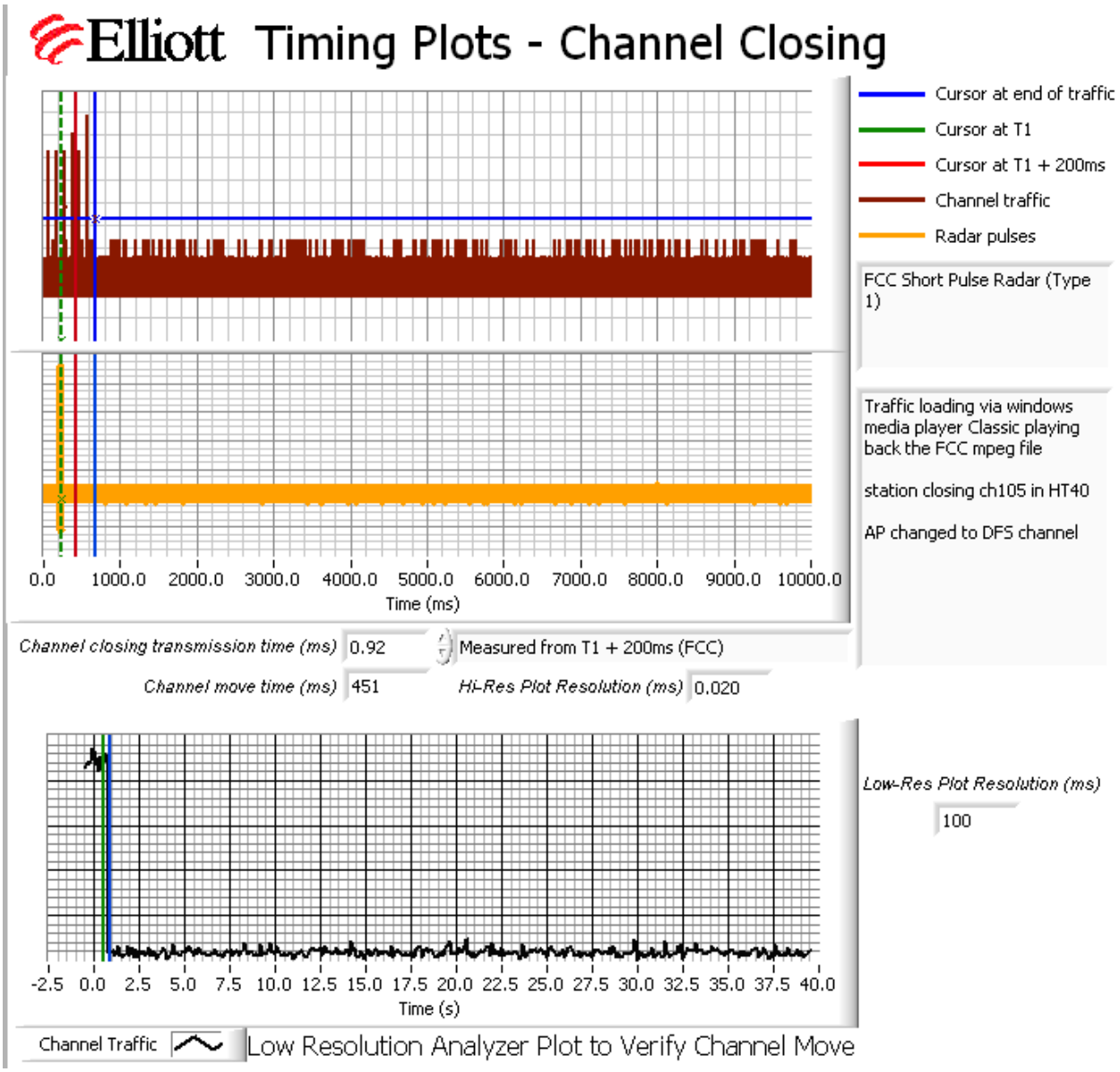


Figure 14 Channel Closing Time and Channel Move Time – 40 second plot, Station HT40

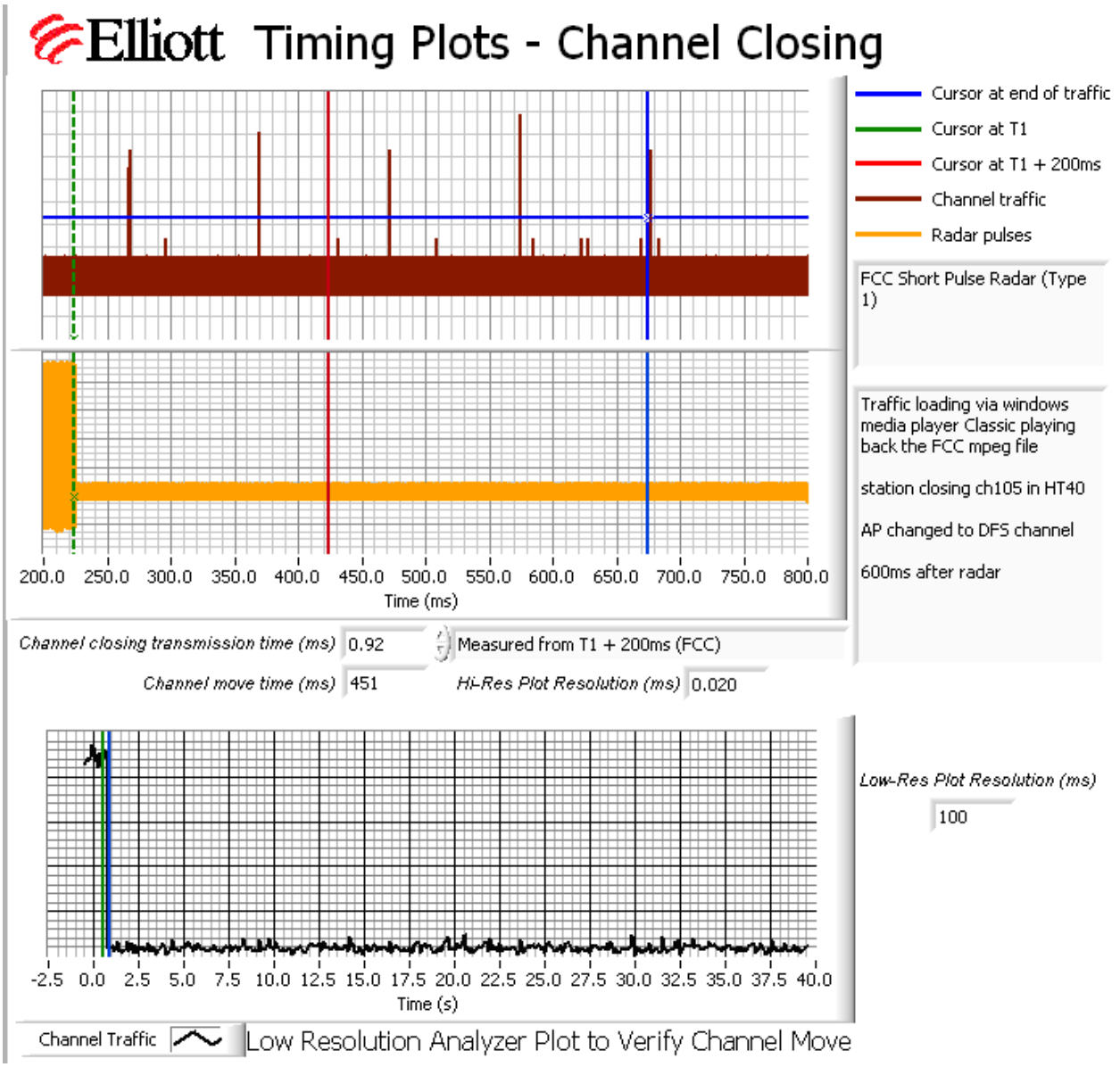


Figure 15 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Station HT40

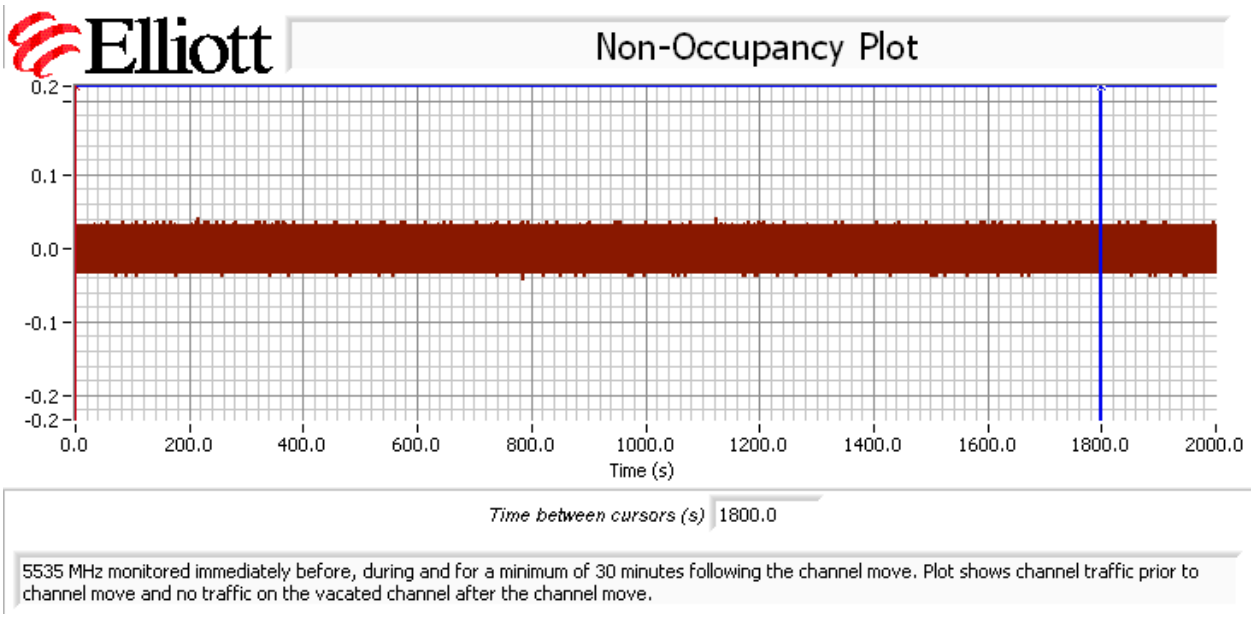


Figure 16 Radar Channel Non-Occupancy Plot (Access Point)

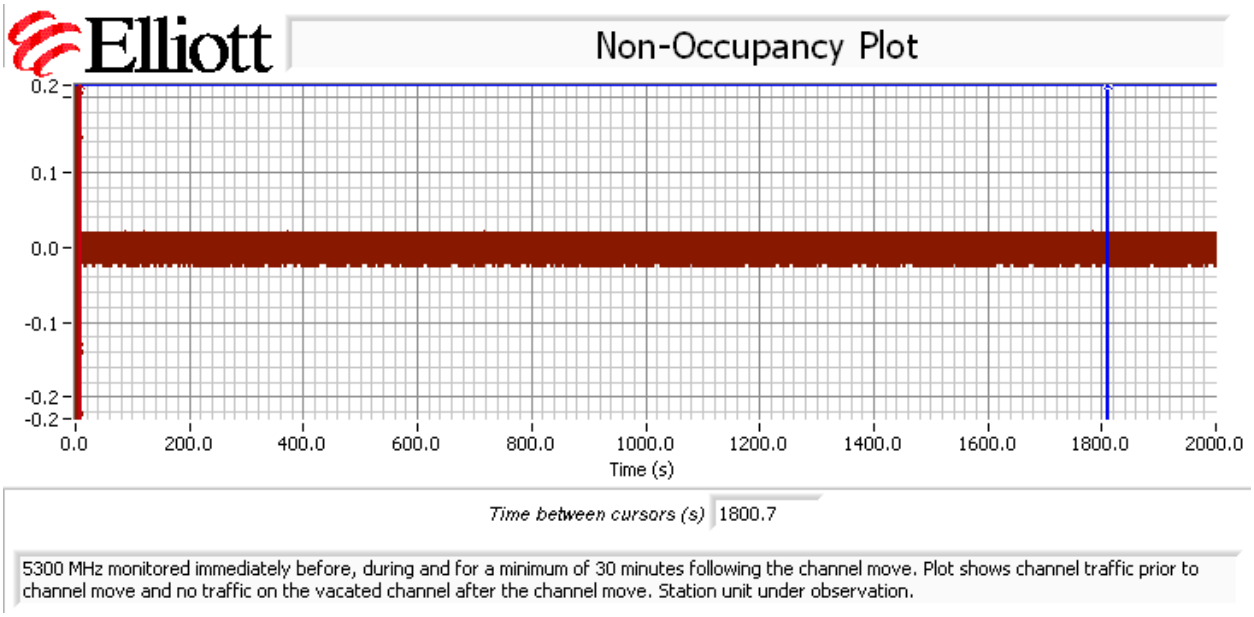


Figure 17 Radar Channel Non-Occupancy Plot (Station)

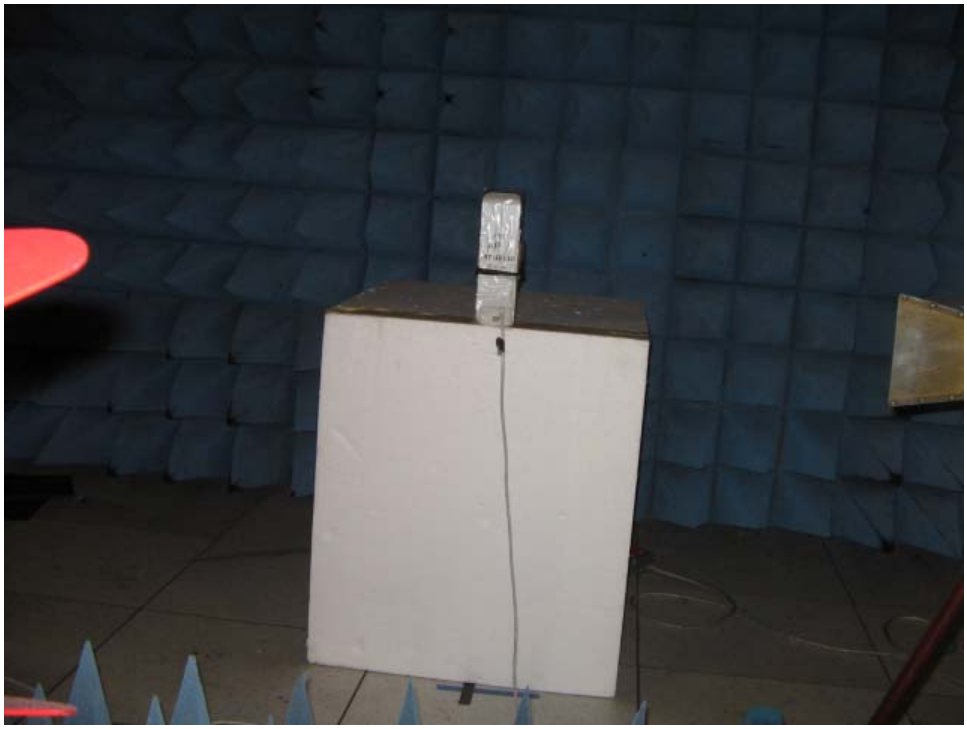
The non-occupancy plot was made over a 30-minute time period following the channel move time with the analyzer IF output connected to the scope and tuned to the vacated channel. No transmissions were observed after the channel move had been completed.

Appendix D Antenna Specification

Refer to separate Ubiquiti Networks Technical Specs/Datasheet

Appendix E Test Configuration Photograph(s)

Access Point Monitoring Set Up



Station Monitoring Set Up