

TEST REPORT

Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF

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

**Ericsson WiFi Inc.
Model(s): AP 5113 and AP 5114**

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FCC ID: RAR80005111

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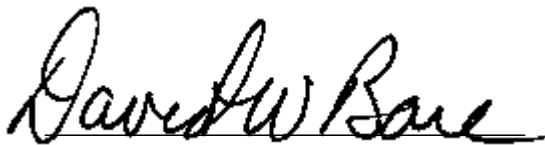
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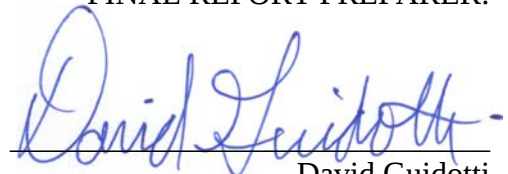
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REVISION HISTORY

Rev #	Date	Comments	Modified By
-	September 8, 2014	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 Local Area Network Devices.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Ericsson WiFi Inc. model AP 5115 and therefore apply only to the tested sample. The sample was selected and prepared by Andrew Scott of Ericsson WiFi Inc..

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested sample of the Ericsson WiFi Inc. model AP 5115 complied with the DFS requirements of FCC Part 15.407(h)(2), RSS-210 Annex 9.3.

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

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

TEST RESULTS**TEST RESULTS SUMMARY – FCC Part 15, MASTER DEVICE**

Table 1 FCC Part 15 Subpart E Master Device Test Result Summary (HT20)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5540	67.8	$\geq 60s$	Appendix D	Pass
CAC Detection Threshold	Type 1	5500 5520	-64dBm	-63dBm (note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5540	-64 dBm (note 2)	-63dBm (note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	5660	23 MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5500 5540	2.04ms 0 ms	$\leq 260ms$	Appendix C	Pass
Channel move time	Type 1 Type 5	5500 5540	470 ms 0 ms	$\leq 10s$	Appendix C	Pass
Non-occupancy period	-	5500	More than 30 min	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 4 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.						

Table 2 FCC Part 15 Subpart E Master Device Test Result Summary (HT40)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5550	-64 dBm (note 2)	-63dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	5550	41 MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5550 5670	2.4ms 0 ms	$\leq 260ms$	Appendix C	Pass
Channel move time	Type 1 Type 5	5550 5670	474 ms 0 ms	$\leq 10s$	Appendix C	Pass
Non-occupancy period	-	5550	More than 30 min	> 30 minutes	Appendix C	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 4 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.and detection probability measurements were made with the device operating in the 5500-5700 MHz band.						

MEASUREMENT UNCERTAINTIES

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

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

EQUIPMENT UNDER TEST (EUT) DETAILS**GENERAL**

The Ericsson WiFi Inc. models AP 5113 and AP5114 are 2x2 802.11abgn wireless access points. Since the EUT could be placed in any position during use, the EUT was treated as tabletop equipment during testing to simulate the end-user environment. The electrical rating of the EUT is 48 Volts, 0.35 Amps Max. The difference between models in the series is the type of antennas used and the location of the antennas (internal or external). The AP 5115 model employs the lowest gain antennas and thus was selected for DFS testing.

The sample was received on March 15, 2013 and tested on March 21-27, 2013. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number	FCC ID
Ericsson WiFi	BelAir20EO / AP 5115	Outdoor Access Point	BA122500057	RAR80005111

Testing performed on the AP 5115 was considered representative of the AP 511X series. The following models are in the AP 511X series:

Configuration / Model	Model Variant	Number of antennas, gain and type
BelAir20EO-11A	AP 5115	2 x 6.7 dBi, internal omnidirectional
BelAir20EO-11B	AP 5116	2 x 11.5 dBi, internal directional
BelAir20EO-11C	AP 5117	2 x 11.5 dBi, external directional
BelAir20EO-11D	AP 5118	2 x 11.5 dBi, internal directional
BelAir20EO-11E	AP 5119	2 x 12.0 dBi, internal directional
-	AP 5113	2 x 12.0 dBi, internal directional
-	AP 5114	2 x 12.0 dBi, internal directional

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

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

- ☐ Master Device 5250-5350 MHz
- ☒ Master Device 5470-5725 MHz (excluding 5600-5650 MHz)

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	-	4
Highest Antenna Gain (dBi)	-	4
EIRP Output Power (dBm)	-	More than 23

- ☒ Power can exceed 200mW eirp

Channel Protocol

- ☒ IP Based

ENCLOSURE

The EUT enclosure measures approximately 20 by 9 by 34 centimeters. It is primarily constructed of plastic with a metal alloy heat sink.

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
PowerDsine	3501G	POE Adapter	C12156555000000153	-
Dell	Latitude D610	Laptop	HN0MQ91	-
<i>Dell</i>	<i>Latitude E6420</i>	<i>Laptop</i>	<i>29S56Q1</i>	-
<i>Linksys</i>	<i>WUSB600N</i>	<i>Wireless Adapter</i>	<i>None</i>	<i>Q87-WUSB600N</i>

The italicized device was the client device.

EUT INTERFACE PORTS

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

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
POE	POE Adapter	Cat 5	Unshielded	1.0
POE Ethernet	Remote Laptop	Cat 5	Unshielded	15.0
POE AC Power	AC Mains	Three wire	Unshielded	2.0

EUT OPERATION

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

Master Device: AP 13.2.0.D.2013.03.14.16.33 (r42331)

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

The start of the Channel Availability Check was the instant the command to change channel was sent.

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

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

RADAR WAVEFORMS

Table 3 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 4 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 5 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

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.

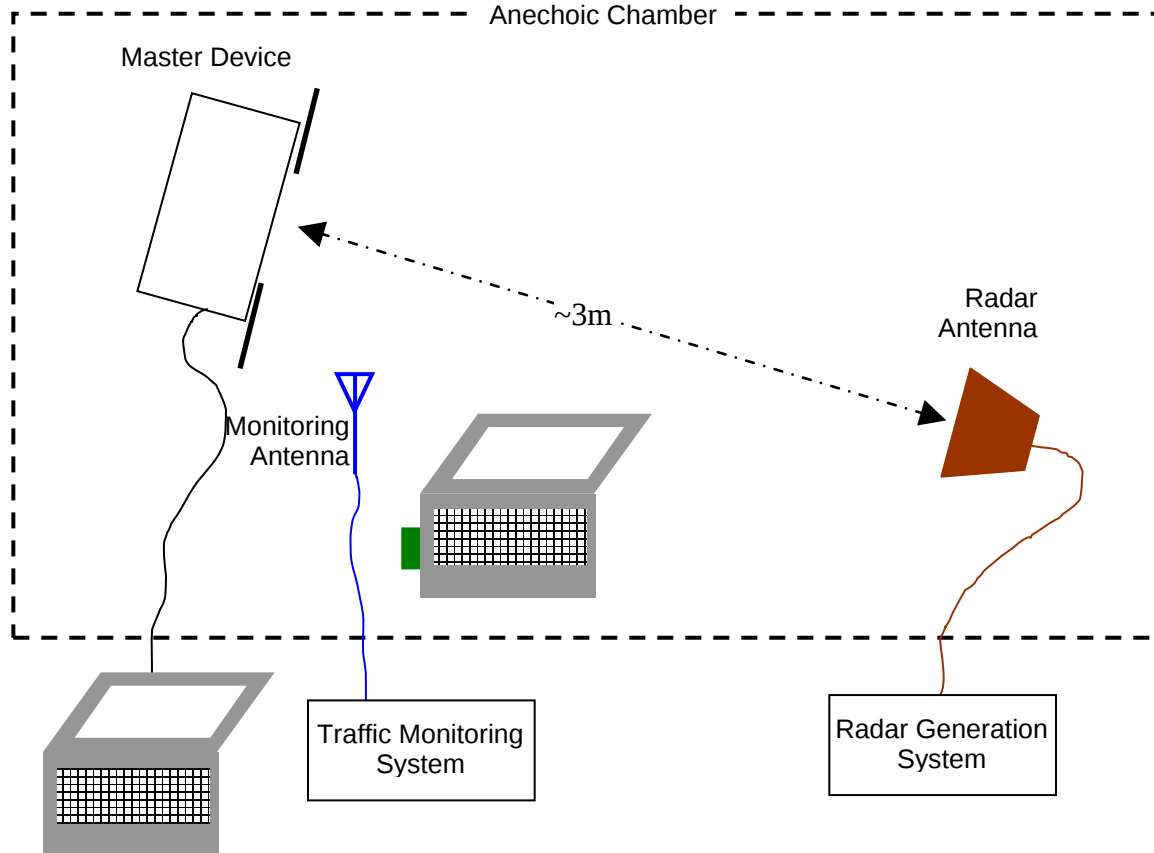


Figure 1 Test Configuration for radiated Measurement Method

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 NTS Silicon Valley 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

<u>Manufacturer</u>	<u>Description</u>	<u>Model #</u>	<u>Asset #</u>	<u>Cal Due</u>
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	787	28-Aug-13
EMCO	Antenna, Horn, 1-18 GHz	3117	1662	25-May-14
Agilent	PSG Vector Signal Generator (250kHz - 20GHz)	E8267C	1877	11-May-13
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	22-Oct-13

Appendix B Test Data Tables for Radar Detection Probability

Table 6 - HT 20 Detection Bandwidth Measurements (Bandwidth: +11MHz /-11MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5648.00 MHz	8	2	80
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5649.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5650.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5651.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5652.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5653.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5654.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5655.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5656.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5657.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5658.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5659.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5660.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5661.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5662.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5663.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5664.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5665.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5666.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5667.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5668.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5669.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5670.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5671.00 MHz	10	0	100
5660.00 MHz	FCC Short Pulse Radar (Type 1)	5672.00 MHz	4	3	57

Table 7 - Summary of All Results - HT 20				
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)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	80.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	93.3 %	60.0 %	30	PASSED
Aggregate of above results	90.8 %	80.0 %	120	PASSED
Long Sequence	90.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	46	PASSED

Table 8 - FCC Short Pulse Radar (Type 1) Results HT 20						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:35:02 PM)
2	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:36:22 PM)
3	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:37:03 PM)

Table 8 - FCC Short Pulse Radar (Type 1) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:37.39 PM)
5	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:38.13 PM)
6	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:38.46 PM)
7	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:39.25 PM)
8	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:40.08 PM)
9	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:40.48 PM)
10	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:41.30 PM)
11	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:42.11 PM)
12	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:42.48 PM)
13	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:43.29 PM)
14	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:43.56 PM)
15	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:44.33 PM)
16	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:45.01 PM)
17	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:45.42 PM)
18	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:46.07 PM)
19	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:46.44 PM)
20	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:47.12 PM)
21	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:47.51 PM)
22	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:48.24 PM)
23	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:48.49 PM)
24	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:49.23 PM)
25	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:49.57 PM)
26	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:50:37 PM)
27	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:51:10 PM)
28	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:51:52 PM)
29	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:52:21 PM)
30	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:52:55 PM)

Table 9 - FCC Short Pulse Radar (Type 2) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	24	2.0	226.0	No	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:13:25 PM)
2	27	4.0	173.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:13:51 PM)
3	25	4.6	226.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:15:55 PM)
4	26	3.7	180.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:16:56 PM)
5	24	4.5	225.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:17:21 PM)
6	28	4.6	198.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:19:24 PM)
7	24	2.0	212.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:20:20 PM)
8	24	4.5	180.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:21:27 PM)
9	25	3.6	172.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:22:48 PM)
10	24	3.4	201.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:23:31 PM)
11	27	2.1	208.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:24:03 PM)
12	29	4.4	150.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:25:33 PM)
13	27	1.2	168.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:26:02 PM)
14	27	3.1	209.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:26:26 PM)
15	23	2.9	181.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:27:22 PM)
16	29	2.4	217.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:28:13 PM)
17	25	1.2	156.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:29:31 PM)
18	27	3.1	193.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:30:10 PM)
19	27	1.9	220.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:30:52 PM)
20	24	2.6	200.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:31:25 PM)
21	28	4.5	186.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:31:45 PM)
22	24	3.3	160.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:32:08 PM)
23	29	2.8	185.0	No	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:32:33 PM)
24	28	3.4	188.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:32:55 PM)
25	27	4.9	200.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:33:37 PM)
26	25	1.7	199.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:34:46 PM)
27	25	2.2	221.0	Yes	5545.0MHz,	Single burst (03/27/2013 01:35:14 PM)

Table 9 - FCC Short Pulse Radar (Type 2) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	PM)
28	28	4.7	152.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:35:36 PM)
29	23	4.8	211.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:36:16 PM)
30	27	1.1	216.0	No	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:37:11 PM)

Table 10 - FCC Short Pulse Radar (Type 3) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	6.8	226.0	No	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:38:08 PM)
2	16	8.6	290.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:38:39 PM)
3	17	8.5	331.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:39:51 PM)
4	16	6.0	419.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:40:10 PM)
5	17	8.6	382.0	No	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:40:42 PM)
6	16	6.0	463.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:43:46 PM)
7	18	6.8	340.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:45:33 PM)
8	17	7.3	497.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:47:05 PM)
9	17	8.4	221.0	No	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:48:24 PM)
10	17	9.9	229.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:48:55 PM)
11	17	6.1	338.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:49:34 PM)
12	17	8.1	328.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:50:26 PM)
13	18	8.9	459.0	No	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:51:21 PM)
14	17	7.2	470.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:51:59 PM)
15	17	8.6	353.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:52:58 PM)
16	16	7.7	359.0	No	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:54:20 PM)
17	18	6.8	265.0	No	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:54:41 PM)
18	17	8.9	238.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:55:59 PM)
19	16	9.2	346.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:56:22 PM)
20	17	9.6	388.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:57:10 PM)
21	18	7.0	250.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:57:31 PM)

Table 10 - FCC Short Pulse Radar (Type 3) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
22	17	9.6	469.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:57:55 PM)
23	17	6.1	470.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 01:58:21 PM)
24	17	8.3	373.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 01:58:41 PM)
25	17	9.5	266.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 01:59:52 PM)
26	16	9.4	476.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:00:34 PM)
27	16	7.0	341.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:01:00 PM)
28	16	8.3	330.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:03:11 PM)
29	18	9.2	319.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:03:33 PM)
30	18	6.7	473.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:03:53 PM)

Table 11 - FCC Short Pulse Radar (Type 4) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	13.2	243.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:04:49 PM)
2	16	19.3	355.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:05:27 PM)
3	14	16.6	371.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:05:48 PM)
4	12	18.1	267.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:06:20 PM)
5	14	12.5	311.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:06:43 PM)
6	15	18.5	320.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:07:18 PM)
7	13	11.3	398.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:07:55 PM)
8	15	14.1	303.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:08:30 PM)
9	14	18.4	469.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:08:55 PM)
10	14	16.6	476.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:09:13 PM)
11	14	19.3	310.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:10:01 PM)
12	14	12.9	334.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:11:53 PM)
13	13	11.7	276.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:12:51 PM)
14	12	14.9	491.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:13:33 PM)
15	15	11.4	352.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:13:56 PM)

Table 11 - FCC Short Pulse Radar (Type 4) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
16	15	16.3	449.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:14:26 PM)
17	13	15.6	485.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:14:53 PM)
18	13	11.8	336.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:15:39 PM)
19	15	19.1	351.0	No	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:16:17 PM)
20	15	18.0	414.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:16:33 PM)
21	14	12.3	221.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:16:56 PM)
22	15	14.7	379.0	No	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:17:30 PM)
23	15	11.2	425.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:17:47 PM)
24	15	14.3	462.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:18:25 PM)
25	13	17.9	403.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:19:02 PM)
26	15	19.8	220.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:19:22 PM)
27	12	16.2	264.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:20:19 PM)
28	14	18.7	482.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/27/2013 02:20:45 PM)
29	14	12.4	394.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/27/2013 02:21:07 PM)
30	13	16.8	349.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/27/2013 02:21:37 PM)

Table 12 - Long Sequence Waveform Summary HT 20

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5540.0MHz, -64.0dBm
Trial #2	Detected	5535.0MHz, -64.0dBm
Trial #3	Detected	5545.0MHz, -64.0dBm
Trial #4	Detected	5540.0MHz, -64.0dBm
Trial #5	Detected	5535.0MHz, -64.0dBm
Trial #6	Detected	5545.0MHz, -64.0dBm
Trial #7	Detected	5540.0MHz, -64.0dBm
Trial #8	Detected	5535.0MHz, -64.0dBm
Trial #9	Detected	5545.0MHz, -64.0dBm
Trial #10	Detected	5540.0MHz, -64.0dBm

Table 12 - Long Sequence Waveform Summary HT 20

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #11	Detected	5535.0MHz, -64.0dBm
Trial #12	Detected	5545.0MHz, -64.0dBm
Trial #13	Detected	5540.0MHz, -64.0dBm
Trial #14	Detected	5535.0MHz, -64.0dBm
Trial #15	Detected	5545.0MHz, -64.0dBm
Trial #16	Detected	5540.0MHz, -64.0dBm
Trial #17	NOT Detected	5535.0MHz, -64.0dBm
Trial #18	Detected	5545.0MHz, -64.0dBm
Trial #19	Detected	5540.0MHz, -64.0dBm
Trial #20	NOT Detected	5535.0MHz, -64.0dBm
Trial #21	Detected	5545.0MHz, -64.0dBm
Trial #22	Detected	5540.0MHz, -64.0dBm
Trial #23	Detected	5535.0MHz, -64.0dBm
Trial #24	Detected	5545.0MHz, -64.0dBm
Trial #25	Detected	5540.0MHz, -64.0dBm
Trial #26	NOT Detected	5535.0MHz, -64.0dBm
Trial #27	Detected	5545.0MHz, -64.0dBm
Trial #28	Detected	5540.0MHz, -64.0dBm
Trial #29	Detected	5535.0MHz, -64.0dBm
Trial #30	Detected	5545.0MHz, -64.0dBm

Table 13 - HT 20 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 (s)
1	3	94.1	13	1058.0	1321.0	0.163448
2	2	75.0	11	1706.0	-	1.796471
3	2	96.8	15	1139.0	-	1.875304
4	3	66.3	17	1160.0	1741.0	3.068318
5	2	68.1	14	1468.0	-	4.275500
6	1	71.6	19	-	-	5.235272
7	2	63.6	11	1247.0	-	5.980604
8	3	81.5	19	1778.0	1830.0	6.497436
9	1	52.3	13	-	-	8.273803

Table 13 - HT 20 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 (s)
10	1	88.3	7	-	-	8.403372
11	2	52.4	18	1340.0	-	10.032332
12	3	76.8	11	1584.0	1886.0	10.623956
13	3	81.1	20	1340.0	1599.0	11.385041

Table 14 - HT 20 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 (s)
1	2	71.9	6	1881.0	-	0.442938
2	1	99.8	16	-	-	1.317978
3	1	89.1	6	-	-	2.680573
4	3	61.3	8	1993.0	1564.0	3.558411
5	3	51.3	10	1477.0	1011.0	4.293256
6	1	88.4	7	-	-	5.218527
7	2	98.4	14	1190.0	-	5.943394
8	1	92.8	19	-	-	7.046825
9	1	61.8	11	-	-	7.727546
10	2	80.0	9	1467.0	-	8.625089
11	2	74.6	13	1036.0	-	9.585953
12	2	91.9	11	1266.0	-	10.243774
13	3	59.5	6	1908.0	1219.0	11.693557

Table 15 - HT 20 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 (s)
1	2	71.6	10	1440.0	-	0.262028
2	1	65.0	6	-	-	0.816668
3	2	67.7	7	1154.0	-	1.907629
4	3	54.9	20	1929.0	1174.0	2.478918
5	2	83.7	10	1547.0	-	3.618777
6	1	53.8	13	-	-	3.962357
7	1	51.5	12	-	-	5.147023
8	3	73.0	20	1221.0	1829.0	5.638395
9	1	99.0	17	-	-	6.201814
10	1	50.0	14	-	-	7.157330
11	3	53.9	6	1025.0	1051.0	7.577322
12	1	75.7	20	-	-	8.797690
13	2	82.1	11	1826.0	-	9.744867
14	2	61.1	12	1679.0	-	10.459497
15	1	92.9	13	-	-	11.078838
16	1	62.2	19	-	-	11.347413

Table 16 - HT 20 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 (s)
1	1	68.8	12	-	-	0.584383
2	2	95.0	11	1375.0	-	1.161060
3	2	58.6	11	1528.0	-	1.785964
4	2	98.8	17	1410.0	-	2.570036

Table 16 - HT 20 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 (s)
5	3	57.0	7	1591.0	1242.0	2.811778
6	3	88.4	12	1271.0	1490.0	3.496223
7	3	93.1	6	1291.0	1296.0	4.081149
8	3	57.2	10	1451.0	1062.0	5.220984
9	2	71.8	5	1611.0	-	5.559775
10	1	65.2	19	-	-	6.350143
11	2	97.5	15	1551.0	-	7.326447
12	2	77.5	18	1580.0	-	7.366993
13	1	67.6	15	-	-	8.057809
14	2	68.0	13	1118.0	-	8.944029
15	3	94.8	17	1638.0	1717.0	9.680966
16	1	99.1	10	-	-	10.270602
17	2	54.8	14	1950.0	-	10.701213
18	2	72.7	5	1083.0	-	11.735609

Table 17 - HT 20 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 (s)
1	3	54.3	13	1848.0	1995.0	0.639532
2	2	84.2	16	1607.0	-	0.920983
3	3	99.2	6	1208.0	1778.0	2.039504
4	3	52.0	8	1185.0	1660.0	3.369449
5	2	97.1	18	1815.0	-	3.513167
6	2	56.7	17	1711.0	-	4.605315
7	1	74.2	15	-	-	5.889128
8	1	97.8	18	-	-	6.659331
9	1	64.9	9	-	-	7.448861
10	3	61.5	7	1916.0	1635.0	8.079140
11	1	53.6	11	-	-	8.754084
12	3	82.9	17	1241.0	1910.0	10.166478
13	3	57.4	14	1106.0	1890.0	10.297154
14	1	77.8	8	-	-	11.337254

Table 18 - HT 20 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 (s)
1	2	73.5	19	1775.0	-	0.348150
2	3	82.2	11	1138.0	1074.0	2.032918
3	1	62.8	19	-	-	3.394756
4	3	67.4	16	1350.0	1995.0	4.561090
5	3	75.0	15	1641.0	1176.0	6.337374
6	2	88.4	11	1263.0	-	7.224061
7	3	89.6	9	1515.0	1795.0	8.348491
8	3	68.1	15	1867.0	1686.0	10.455808
9	1	53.6	18	-	-	11.290048

Table 19 - HT 20 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 (s)
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Table 19 - HT 20 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 (s)
1	2	86.2	14	1904.0	-	0.555694
2	3	58.7	13	1278.0	1761.0	1.393834
3	1	97.3	16	-	-	2.835245
4	2	59.6	16	1474.0	-	4.597140
5	2	59.7	5	1069.0	-	6.605385
6	2	68.4	17	1388.0	-	7.474512
7	2	70.3	17	1375.0	-	8.596316
8	3	98.1	15	1738.0	1613.0	9.794912
9	1	96.3	9	-	-	10.902316

Table 20 - HT 20 Long Sequence Waveform Trial#8 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.5	14	1129.0	-	0.577468
2	3	70.2	7	1984.0	1760.0	0.693787
3	2	63.6	14	1421.0	-	1.710334
4	2	60.9	8	1808.0	-	2.456844
5	1	55.7	10	-	-	3.317784
6	3	55.4	17	1912.0	1943.0	3.758477
7	2	94.8	9	1490.0	-	4.407544
8	1	68.1	5	-	-	5.036930
9	2	81.9	15	1089.0	-	5.927017
10	1	59.0	16	-	-	6.167608
11	2	99.3	11	1112.0	-	6.794910
12	2	99.4	20	1057.0	-	7.504940
13	2	66.0	19	1860.0	-	8.355314
14	2	54.9	12	1304.0	-	9.054157
15	1	94.8	17	-	-	9.848628
16	1	53.3	12	-	-	10.347081
17	2	60.8	7	1898.0	-	11.250375
18	2	72.4	14	1262.0	-	11.883524

Table 21 - HT 20 Long Sequence Waveform Trial#9 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	78.4	17	1772.0	-	1.132863
2	1	73.1	15	-	-	2.158771
3	2	71.8	7	1800.0	-	3.462863
4	1	80.2	20	-	-	5.170304
5	1	67.6	7	-	-	6.322653
6	3	69.5	8	1886.0	1509.0	7.680482
7	2	90.3	11	1241.0	-	9.948506
8	3	57.5	12	1979.0	1879.0	11.490303

Table 22 - HT 20 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 (s)
1	2	56.6	5	1014.0	-	0.978553
2	2	68.6	19	1836.0	-	1.772541

Table 22 - HT 20 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 (s)
3	1	85.1	11	-	-	2.891822
4	1	89.0	8	-	-	4.128371
5	2	92.0	14	1712.0	-	5.305750
6	3	95.5	18	1508.0	1348.0	6.490200
7	1	62.9	14	-	-	8.109943
8	2	65.3	5	1643.0	-	8.926600
9	2	57.1	13	1137.0	-	10.798779
10	2	94.7	5	1366.0	-	11.425647

Table 23 - HT 20 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 (s)
1	1	83.9	9	-	-	0.493916
2	2	62.8	18	1503.0	-	0.984319
3	3	89.0	15	1853.0	1986.0	1.843720
4	3	87.0	12	1352.0	1966.0	2.387870
5	2	71.2	16	1499.0	-	2.716718
6	2	59.6	13	1116.0	-	3.196669
7	2	99.9	13	1403.0	-	4.327579
8	1	69.9	13	-	-	4.679742
9	2	61.8	10	1944.0	-	5.530378
10	1	56.5	14	-	-	6.206205
11	3	96.8	15	1177.0	1063.0	6.785352
12	3	96.2	19	1442.0	1961.0	7.113709
13	3	84.7	16	1492.0	1402.0	8.158528
14	2	74.3	18	1062.0	-	8.660848
15	2	56.8	9	1180.0	-	9.247652
16	2	55.8	7	1835.0	-	9.761590
17	2	84.7	7	1101.0	-	10.676407
18	2	81.7	18	1678.0	-	11.169123
19	1	55.3	8	-	-	11.663415

Table 24 - HT 20 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 (s)
1	2	98.5	9	1942.0	-	0.042273
2	1	55.5	7	-	-	0.923951
3	1	70.7	17	-	-	1.909224
4	3	82.2	16	1278.0	1092.0	2.046642
5	2	77.6	14	1732.0	-	3.043720
6	1	64.6	20	-	-	3.586464
7	3	75.8	9	1356.0	1161.0	4.382896
8	1	63.5	18	-	-	4.745993
9	1	51.6	19	-	-	5.774129
10	1	78.0	14	-	-	6.013949
11	2	52.9	14	1845.0	-	7.028260
12	2	64.1	12	1283.0	-	7.941495
13	2	54.0	16	1007.0	-	8.118005
14	2	91.1	11	1534.0	-	8.673458
15	2	87.2	8	1068.0	-	9.421253

Table 24 - HT 20 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 (s)
16	2	87.8	19	1805.0	-	10.041491
17	1	81.7	17	-	-	10.777188
18	2	93.7	13	1255.0	-	11.509686

Table 25 - HT 20 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 (s)
1	1	58.2	6	-	-	1.224212
2	1	88.4	14	-	-	1.584720
3	2	54.3	18	1344.0	-	4.467637
4	2	56.4	12	1227.0	-	5.480007
5	2	62.9	15	1020.0	-	7.386056
6	2	80.4	12	1001.0	-	8.121637
7	2	55.2	14	1324.0	-	9.921727
8	3	74.1	6	1531.0	1137.0	11.598836

Table 26 - HT 20 Long Sequence Waveform Trial#14 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	84.3	7	-	-	0.368280
2	2	58.6	7	1531.0	-	1.365522
3	3	63.0	16	1305.0	1121.0	2.046973
4	1	63.4	19	-	-	3.385431
5	1	60.7	9	-	-	4.683671
6	2	84.6	14	1455.0	-	5.724154
7	3	73.0	18	1689.0	1269.0	6.987567
8	2	61.9	18	1951.0	-	7.397477
9	2	89.7	8	1362.0	-	8.682431
10	2	54.0	15	1994.0	-	9.903349
11	1	73.3	9	-	-	10.282307
12	3	80.9	8	1850.0	1955.0	11.853751

Table 27 - HT 20 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 (s)
1	2	88.5	15	1342.0	-	0.004442
2	1	92.0	18	-	-	1.084903
3	1	97.8	15	-	-	1.545993
4	2	85.0	6	1320.0	-	2.016302
5	3	57.8	10	1190.0	1330.0	2.512930
6	3	64.1	14	1415.0	1151.0	3.066348
7	2	64.1	12	1928.0	-	3.878362
8	3	97.5	9	1570.0	1347.0	4.477123
9	2	75.8	9	1368.0	-	4.943276
10	3	53.1	9	1494.0	1496.0	5.948838
11	3	78.8	17	1419.0	1496.0	6.312084
12	1	93.5	6	-	-	6.865606
13	2	61.9	17	1462.0	-	7.225256
14	2	77.0	16	1148.0	-	8.168100

Table 27 - HT 20 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 (s)
15	2	99.1	17	1128.0	-	8.554402
16	2	80.2	17	1671.0	-	9.530796
17	2	79.0	7	1350.0	-	10.157455
18	1	64.5	7	-	-	10.753476
19	2	75.0	6	1379.0	-	11.097223
20	2	80.7	18	1759.0	-	11.986906

Table 28 - HT 20 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 (s)
1	1	92.6	15	-	-	0.304966
2	2	62.7	6	1611.0	-	1.632681
3	2	67.9	7	1845.0	-	2.275694
4	1	78.6	16	-	-	3.350995
5	2	90.8	9	1589.0	-	3.953341
6	2	87.7	13	1728.0	-	4.700713
7	3	71.5	16	1992.0	1329.0	5.810664
8	1	89.7	15	-	-	6.272774
9	2	90.7	17	1826.0	-	7.231253
10	2	86.6	7	1925.0	-	8.200932
11	1	62.2	20	-	-	8.610403
12	1	51.0	12	-	-	10.133710
13	2	99.9	19	1047.0	-	10.507581
14	2	51.4	13	1766.0	-	11.337998

Table 29 - HT 20 Long Sequence Waveform Trial#17 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.3	18	1926.0	-	0.086394
2	2	85.2	16	1244.0	-	0.855185
3	2	76.3	18	1257.0	-	1.908193
4	1	90.6	13	-	-	2.339085
5	3	59.2	12	1266.0	1589.0	2.916027
6	3	82.4	11	1325.0	1037.0	3.425938
7	3	50.3	9	1621.0	1065.0	4.286578
8	1	92.6	17	-	-	5.080580
9	2	83.0	11	1836.0	-	5.744319
10	2	65.3	19	1015.0	-	6.643443
11	2	96.6	14	1154.0	-	6.746958
12	2	69.3	8	1341.0	-	7.674398
13	3	78.2	14	1118.0	1379.0	8.623295
14	1	55.8	14	-	-	8.832473
15	1	97.6	15	-	-	9.541291
16	1	72.6	7	-	-	10.626318
17	2	76.1	7	1257.0	-	11.249870
18	2	63.4	19	1367.0	-	11.590509

Table 30 - HT 20 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 (s)
1	3	83.4	15	1394.0	1190.0	1.238436
2	2	94.2	9	1116.0	-	1.644776
3	1	96.9	11	-	-	3.100505
4	1	92.3	14	-	-	4.172013
5	3	91.2	6	1338.0	1546.0	6.146188
6	2	94.3	18	1285.0	-	7.842818
7	2	100.0	15	1880.0	-	8.320502
8	1	87.4	17	-	-	9.617786
9	2	77.0	18	1415.0	-	11.699738

Table 31 - HT 20 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 (s)
1	3	98.1	8	1267.0	1515.0	0.197165
2	2	78.8	15	1161.0	-	1.039418
3	2	80.1	5	1396.0	-	1.572475
4	1	55.3	12	-	-	2.433362
5	1	63.7	20	-	-	3.175338
6	2	94.0	17	1064.0	-	4.217249
7	1	72.5	7	-	-	4.679271
8	2	92.8	16	1898.0	-	5.488897
9	2	85.2	5	1468.0	-	6.346490
10	2	52.5	7	1296.0	-	6.861846
11	2	92.7	12	1210.0	-	7.684733
12	2	95.9	12	1042.0	-	8.647406
13	2	73.5	15	1291.0	-	9.629487
14	3	62.5	19	1314.0	1295.0	10.453620
15	3	95.3	12	1941.0	1767.0	10.728399
16	3	54.2	19	1500.0	1813.0	11.458488

Table 32 - HT 20 Long Sequence Waveform Trial#20 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.2	14	-	-	1.095537
2	2	76.5	15	1897.0	-	1.944161
3	3	61.0	9	1345.0	1070.0	3.177009
4	1	74.4	12	-	-	4.629670
5	1	96.2	14	-	-	5.825798
6	2	59.6	19	1984.0	-	6.271676
7	2	53.2	14	1496.0	-	8.299792
8	3	61.6	12	1449.0	1166.0	9.420157
9	2	63.0	19	1542.0	-	10.039590
10	3	50.5	7	1747.0	1649.0	10.801020

Table 33 - HT 20 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 (s)
1	2	54.8	17	1318.0	-	0.375224
2	2	54.3	11	1504.0	-	1.244961
3	3	89.4	15	1388.0	1723.0	2.059319
4	2	73.4	8	1200.0	-	2.717435

Table 33 - HT 20 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 (s)
5	2	90.1	8	1491.0	-	3.398359
6	3	72.8	19	1097.0	1949.0	4.272703
7	3	51.1	9	1245.0	1929.0	4.510606
8	2	56.7	9	1722.0	-	5.944925
9	2	52.2	19	1689.0	-	6.351944
10	2	89.2	12	1037.0	-	7.010676
11	2	89.8	14	1371.0	-	7.650876
12	2	55.3	16	1721.0	-	8.749798
13	2	50.4	5	1803.0	-	9.515404
14	3	50.4	20	1927.0	1973.0	10.206479
15	3	94.7	19	1438.0	1005.0	10.660801
16	2	73.1	11	1281.0	-	11.435379

Table 34 - HT 20 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 (s)
1	2	56.2	16	1792.0	-	0.618135
2	1	81.6	10	-	-	1.429900
3	2	62.5	10	1943.0	-	2.169176
4	3	98.0	19	1354.0	1691.0	2.765059
5	2	99.9	19	1669.0	-	3.978781
6	2	81.3	7	1319.0	-	4.058281
7	1	62.8	16	-	-	5.332449
8	2	80.5	13	1832.0	-	6.189009
9	2	77.1	12	1784.0	-	6.740719
10	3	97.6	17	1614.0	1740.0	7.678738
11	2	57.5	13	1410.0	-	8.370428
12	2	82.3	8	1794.0	-	9.171219
13	2	68.0	13	1034.0	-	9.656444
14	2	91.3	9	1126.0	-	10.710786
15	1	93.4	9	-	-	11.336661

Table 35 - HT 20 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 (s)
1	3	74.7	18	1190.0	1528.0	0.198978
2	3	74.7	5	1146.0	1471.0	0.693174
3	2	93.8	5	1556.0	-	1.848109
4	1	67.2	11	-	-	2.373883
5	3	76.3	8	1819.0	1311.0	2.813454
6	1	72.4	7	-	-	3.556653
7	2	90.5	9	1584.0	-	4.222884
8	1	85.9	8	-	-	5.239568
9	2	98.4	12	1903.0	-	5.977244
10	3	60.3	16	1151.0	1343.0	6.484255
11	2	90.3	8	1151.0	-	6.923041
12	2	58.4	14	1791.0	-	7.930614
13	3	75.2	20	1483.0	1679.0	8.185100
14	2	75.7	8	1659.0	-	9.277412
15	1	93.0	16	-	-	9.462108

Table 35 - HT 20 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 (s)
16	2	95.0	10	1963.0	-	10.559988
17	3	66.3	11	1872.0	1846.0	10.967294
18	2	56.0	14	1622.0	-	11.787352

Table 36 - HT 20 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 (s)
1	3	70.5	14	1687.0	1574.0	0.511119
2	1	67.7	18	-	-	1.231649
3	2	51.1	11	1660.0	-	1.741841
4	2	72.6	15	1957.0	-	2.583440
5	2	95.8	10	1683.0	-	2.718819
6	1	96.3	9	-	-	3.479007
7	2	66.6	11	1569.0	-	4.222900
8	3	87.0	7	1894.0	1341.0	5.205295
9	3	57.4	18	1420.0	1777.0	5.954213
10	1	92.7	6	-	-	6.634736
11	3	60.6	18	1209.0	1613.0	7.324332
12	3	64.8	13	1257.0	1148.0	7.379240
13	2	96.2	10	1007.0	-	8.366706
14	1	86.6	8	-	-	8.947984
15	1	82.5	14	-	-	9.622034
16	2	65.4	11	1215.0	-	10.318539
17	1	95.0	13	-	-	10.721326
18	2	86.0	8	1438.0	-	11.478121

Table 37 - HT 20 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 (s)
1	1	65.8	9	-	-	0.351668
2	2	83.8	12	1154.0	-	1.222103
3	3	50.6	11	1810.0	1234.0	2.562597
4	3	98.0	10	1343.0	1514.0	4.169224
5	3	59.3	15	1840.0	1557.0	5.919697
6	2	65.5	10	1444.0	-	6.283578
7	3	51.9	16	1735.0	1770.0	8.133539
8	2	59.4	13	1359.0	-	8.416178
9	3	86.7	20	1340.0	1692.0	9.847611
10	2	74.3	13	1165.0	-	11.588007

Table 38 - HT 20 Long Sequence Waveform Trial#26 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	89.8	17	1736.0	-	0.178940
2	1	89.5	10	-	-	0.730420
3	2	65.7	9	1279.0	-	1.679071
4	3	78.5	12	1405.0	1388.0	2.246129
5	1	93.6	14	-	-	3.500229
6	2	56.5	10	1424.0	-	4.136544

Table 38 - HT 20 Long Sequence Waveform Trial#26 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
7	2	56.5	14	1655.0	-	4.599776
8	2	50.5	19	1784.0	-	5.378471
9	2	89.0	16	1666.0	-	6.202012
10	3	93.1	8	1337.0	1739.0	6.423565
11	2	91.6	15	1401.0	-	7.742836
12	2	98.2	5	1181.0	-	8.003208
13	2	98.2	11	1996.0	-	8.618678
14	2	86.4	17	1877.0	-	9.737719
15	1	51.2	8	-	-	10.268255
16	3	88.9	5	1461.0	1277.0	10.684814
17	1	56.1	6	-	-	11.806661

Table 39 - HT 20 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 (s)
1	1	80.7	10	-	-	0.443731
2	2	80.6	17	1392.0	-	1.064893
3	2	77.1	7	1333.0	-	2.186395
4	3	60.2	18	1177.0	1582.0	2.671785
5	3	85.5	15	1026.0	1948.0	3.449527
6	3	56.8	8	1640.0	1722.0	4.238599
7	2	66.4	15	1448.0	-	4.809632
8	2	56.6	8	1584.0	-	5.382265
9	3	94.7	9	1900.0	1847.0	6.159242
10	2	76.0	5	1107.0	-	7.322166
11	3	93.2	12	1438.0	1249.0	8.003612
12	3	61.0	18	1524.0	1048.0	8.629772
13	1	51.0	9	-	-	9.120930
14	2	89.6	13	1293.0	-	9.841849
15	1	79.3	5	-	-	10.658091
16	2	97.8	6	1905.0	-	11.995005

Table 40 - HT 20 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 (s)
1	1	71.8	7	-	-	0.655725
2	2	60.2	18	1226.0	-	0.814990
3	3	56.1	8	1899.0	1400.0	1.868431
4	2	99.3	8	1102.0	-	2.848599
5	1	75.6	17	-	-	3.610140
6	2	98.0	9	1740.0	-	3.923173
7	1	97.4	7	-	-	5.191696
8	2	95.9	11	1173.0	-	5.297101
9	2	99.0	16	1663.0	-	6.111195
10	3	99.8	6	1783.0	1271.0	7.141117
11	2	81.7	13	1687.0	-	7.961796
12	2	89.2	19	1549.0	-	8.955595
13	2	81.4	6	1922.0	-	9.097084
14	2	76.6	6	1360.0	-	10.346414
15	1	60.0	18	-	-	10.595207

Table 40 - HT 20 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 (s)
16	3	81.8	20	1915.0	1172.0	11.403807

Table 41 - HT 20 Long Sequence Waveform Trial#29 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	88.9	10	1491.0	1505.0	0.540249
2	1	98.0	7	-	-	1.004833
3	2	74.7	15	1456.0	-	1.624627
4	3	79.7	9	1018.0	1932.0	2.685157
5	2	90.2	20	1004.0	-	3.563650
6	3	79.4	11	1462.0	1153.0	3.930552
7	1	64.3	13	-	-	4.598986
8	2	73.5	20	1271.0	-	5.789560
9	2	77.1	11	1644.0	-	6.610580
10	1	97.5	20	-	-	6.947898
11	2	83.4	10	1295.0	-	7.973097
12	2	63.3	20	1504.0	-	8.791714
13	2	52.3	11	1651.0	-	9.330326
14	3	54.4	6	1382.0	1225.0	10.196983
15	3	64.7	14	1826.0	1991.0	10.942320
16	1	99.4	17	-	-	11.403569

Table 42 - HT 20 Long Sequence Waveform Trial#30 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	96.4	13	1764.0	1356.0	0.172823
2	3	59.3	12	1586.0	1391.0	1.452131
3	1	54.0	13	-	-	1.783868
4	1	82.3	11	-	-	2.615908
5	1	81.2	17	-	-	3.584283
6	1	66.7	8	-	-	4.326501
7	2	70.7	14	1268.0	-	5.391339
8	2	58.7	6	1239.0	-	5.831983
9	2	64.7	14	1217.0	-	6.483556
10	2	77.7	15	1103.0	-	7.687390
11	3	78.6	14	1974.0	1922.0	8.096478
12	3	59.0	16	1768.0	1956.0	9.099294
13	2	53.7	15	1699.0	-	9.815722
14	2	87.2	12	1515.0	-	10.866054
15	2	91.0	13	1546.0	-	11.596704

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
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Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5550.0MHz, -64.0dBm	Hop sequence: 5638, 5347, 5578, 5451, 5379, 5337, 5317, 5310, 5303, 5713, 5390, 5709, 5504, 5719, 5416, 5278, 5548, 5408, 5701, 5299, 5646, 5573, 5319, 5467, 5482, 5610, 5405, 5513, 5266, 5365, 5328, 5376, 5355, 5645, 5718, 5277, 5258, 5641, 5475, 5574, 5693, 5251, 5708, 5452, 5415, 5254, 5273, 5486, 5609, 5399, 5279, 5700, 5264, 5357, 5554, 5715, 5333, 5515, 5344, 5684, 5437, 5556, 5472, 5677, 5663, 5296, 5628, 5479, 5373, 5370, 5563, 5271, 5380, 5603, 5362, 5320, 5419, 5445, 5594, 5290, 5422, 5597, 5512, 5301, 5681, 5723, 5687, 5699, 5441, 5359, 5374, 5471, 5383, 5647, 5593, 5633, 5453, 5705, 5353, 5608 (1 hits) (03/27/2013 02:57:44 PM)
2	9	1.0	333.0	Yes	5551.0MHz, -64.0dBm	Hop sequence: 5465, 5713, 5262, 5429, 5367, 5510, 5292, 5340, 5701, 5404, 5633, 5481, 5535, 5475, 5714, 5264, 5384, 5428, 5655, 5724, 5338, 5437, 5463, 5363, 5511, 5725, 5455, 5568, 5666, 5505, 5399, 5388, 5477, 5672, 5294, 5433, 5370, 5268, 5544, 5331, 5693, 5351, 5551, 5580, 5603, 5253, 5285, 5377, 5497, 5602, 5599, 5345, 5293, 5317, 5306, 5335, 5584, 5622, 5604, 5308, 5528, 5372, 5667, 5256, 5591, 5312, 5337, 5643, 5654, 5711, 5590, 5679, 5459, 5618, 5390, 5669, 5578, 5556, 5476, 5553, 5689, 5443, 5682, 5304, 5287, 5329, 5567, 5352, 5412, 5570, 5466, 5366, 5426, 5417, 5362, 5452, 5565, 5506, 5425, 5457 (3 hits) (03/27/2013 02:58:35 PM)
3	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5468, 5277, 5698, 5644, 5494, 5708, 5511, 5448, 5478, 5296, 5402, 5639, 5537, 5404, 5583, 5317, 5276, 5414, 5469, 5373, 5480, 5479, 5325, 5512, 5651, 5546, 5444, 5309, 5683, 5633, 5262, 5635, 5420, 5682, 5435, 5319, 5560, 5327, 5652, 5419, 5532, 5320, 5662, 5292, 5714, 5518, 5703, 5666, 5516, 5705, 5385, 5589, 5510,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5392, 5648, 5466, 5564, 5485, 5488, 5643, 5538, 5482, 5330, 5367, 5690, 5499, 5461, 5331, 5268, 5692, 5531, 5552, 5313, 5470, 5473, 5409, 5441, 5584, 5294, 5646, 5493, 5425, 5335, 5305, 5334, 5283, 5534, 5411, 5257, 5614, 5622, 5341, 5568, 5574, 5492, 5553, 5286, 5642, 5555, 5357 (6 hits) (03/27/2013 02:59:30 PM)
4	9	1.0	333.0	Yes	5530.0MHz, -64.0dBm	Hop sequence: 5707, 5668, 5330, 5518, 5448, 5503, 5379, 5704, 5266, 5333, 5279, 5416, 5657, 5676, 5595, 5693, 5300, 5511, 5661, 5277, 5309, 5515, 5599, 5686, 5682, 5654, 5387, 5455, 5444, 5391, 5406, 5262, 5384, 5252, 5514, 5528, 5421, 5289, 5477, 5636, 5423, 5600, 5268, 5311, 5393, 5642, 5399, 5336, 5573, 5467, 5522, 5557, 5356, 5355, 5539, 5617, 5646, 5505, 5722, 5585, 5547, 5633, 5254, 5282, 5313, 5340, 5517, 5446, 5482, 5618, 5265, 5549, 5627, 5566, 5436, 5570, 5577, 5370, 5435, 5714, 5357, 5533, 5663, 5554, 5402, 5260, 5302, 5531, 5624, 5699, 5717, 5542, 5631, 5432, 5565, 5637, 5449, 5548, 5276, 5481 (7 hits) (03/27/2013 02:59:50 PM)
5	9	1.0	333.0	Yes	5531.0MHz, -64.0dBm	Hop sequence: 5690, 5291, 5376, 5693, 5459, 5471, 5656, 5328, 5721, 5341, 5451, 5535, 5585, 5488, 5574, 5722, 5494, 5282, 5684, 5399, 5473, 5573, 5704, 5654, 5365, 5718, 5466, 5294, 5711, 5599, 5613, 5592, 5387, 5638, 5691, 5664, 5391, 5710, 5600, 5320, 5317, 5525, 5334, 5345, 5375, 5377, 5267, 5708, 5587, 5526, 5625, 5635, 5384, 5443, 5301, 5428, 5636, 5527, 5304, 5645, 5452, 5566, 5441, 5472, 5707, 5430, 5627, 5530, 5617, 5299, 5510, 5435, 5484, 5577, 5650, 5580, 5644, 5284, 5367, 5616, 5507, 5692, 5336, 5312, 5338, 5614, 5337, 5483, 5565, 5542, 5662, 5263, 5522, 5532, 5358, 5321, 5394, 5505, 5335, 5602 (4 hits) (03/27/2013 03:00:38 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
6	9	1.0	333.0	Yes	5532.0MHz, -64.0dBm	Hop sequence: 5344, 5440, 5469, 5490, 5715, 5373, 5591, 5290, 5385, 5630, 5588, 5509, 5495, 5334, 5677, 5392, 5475, 5585, 5369, 5665, 5689, 5678, 5448, 5649, 5255, 5686, 5361, 5356, 5315, 5379, 5565, 5647, 5653, 5341, 5374, 5690, 5595, 5581, 5363, 5549, 5366, 5489, 5360, 5606, 5335, 5528, 5596, 5254, 5544, 5326, 5646, 5716, 5576, 5521, 5312, 5405, 5274, 5612, 5471, 5429, 5577, 5592, 5286, 5556, 5372, 5449, 5578, 5262, 5543, 5616, 5313, 5569, 5293, 5412, 5515, 5579, 5478, 5397, 5393, 5401, 5648, 5428, 5626, 5481, 5662, 5621, 5714, 5531, 5492, 5493, 5289, 5458, 5447, 5636, 5427, 5253, 5682, 5548, 5331, 5343 (5 hits) (03/27/2013 03:02:21 PM)
7	9	1.0	333.0	Yes	5533.0MHz, -64.0dBm	Hop sequence: 5679, 5398, 5674, 5715, 5537, 5630, 5499, 5369, 5334, 5446, 5693, 5395, 5261, 5374, 5484, 5377, 5521, 5281, 5372, 5539, 5705, 5437, 5592, 5554, 5507, 5393, 5496, 5288, 5528, 5698, 5594, 5453, 5262, 5531, 5641, 5264, 5363, 5403, 5337, 5432, 5461, 5333, 5270, 5703, 5526, 5289, 5361, 5317, 5583, 5388, 5356, 5669, 5689, 5389, 5633, 5405, 5258, 5513, 5515, 5607, 5321, 5613, 5545, 5529, 5272, 5538, 5429, 5652, 5718, 5292, 5571, 5595, 5480, 5700, 5500, 5481, 5504, 5427, 5567, 5712, 5488, 5380, 5297, 5302, 5622, 5419, 5534, 5640, 5564, 5664, 5324, 5293, 5627, 5343, 5485, 5647, 5687, 5260, 5625, 5271 (7 hits) (03/27/2013 03:03:16 PM)
8	9	1.0	333.0	Yes	5534.0MHz, -64.0dBm	Hop sequence: 5674, 5356, 5422, 5415, 5364, 5256, 5290, 5270, 5464, 5693, 5496, 5667, 5682, 5388, 5539, 5462, 5638, 5534, 5458, 5321, 5386, 5326, 5510, 5308, 5272, 5318, 5320, 5509, 5399, 5502, 5550, 5439, 5577, 5614, 5635, 5424, 5576, 5296, 5488, 5331, 5673, 5428, 5500, 5467, 5328, 5556, 5265, 5392, 5567, 5540, 5583, 5332, 5337,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5305, 5421, 5722, 5690, 5653, 5310, 5297, 5418, 5626, 5340, 5450, 5519, 5280, 5511, 5494, 5636, 5291, 5579, 5416, 5447, 5463, 5602, 5329, 5352, 5692, 5269, 5365, 5605, 5610, 5624, 5651, 5568, 5607, 5279, 5357, 5363, 5268, 5344, 5252, 5517, 5285, 5713, 5334, 5622, 5448, 5433, 5528 (4 hits) (03/27/2013 03:04:17 PM)
9	9	1.0	333.0	Yes	5535.0MHz, -64.0dBm	Hop sequence: 5547, 5609, 5649, 5558, 5692, 5699, 5259, 5634, 5427, 5515, 5452, 5273, 5336, 5368, 5566, 5642, 5486, 5535, 5342, 5614, 5394, 5313, 5685, 5484, 5366, 5318, 5665, 5640, 5701, 5628, 5641, 5673, 5691, 5266, 5346, 5661, 5714, 5454, 5538, 5475, 5610, 5584, 5567, 5340, 5646, 5523, 5461, 5343, 5603, 5521, 5459, 5684, 5591, 5557, 5466, 5458, 5662, 5429, 5365, 5545, 5532, 5653, 5543, 5500, 5271, 5398, 5520, 5668, 5464, 5608, 5327, 5524, 5554, 5658, 5379, 5647, 5450, 5712, 5267, 5355, 5650, 5713, 5697, 5479, 5613, 5284, 5264, 5294, 5276, 5315, 5577, 5448, 5676, 5481, 5392, 5345, 5410, 5378, 5495, 5393 (6 hits) (03/27/2013 03:04:50 PM)
10	9	1.0	333.0	Yes	5536.0MHz, -64.0dBm	Hop sequence: 5500, 5461, 5551, 5715, 5617, 5489, 5649, 5505, 5726, 5417, 5312, 5585, 5547, 5511, 5524, 5254, 5412, 5597, 5386, 5288, 5267, 5319, 5560, 5464, 5473, 5555, 5712, 5456, 5515, 5303, 5436, 5647, 5379, 5581, 5493, 5311, 5612, 5545, 5618, 5632, 5364, 5338, 5460, 5281, 5299, 5611, 5528, 5698, 5665, 5257, 5683, 5330, 5346, 5418, 5427, 5608, 5314, 5708, 5664, 5562, 5368, 5465, 5333, 5457, 5282, 5352, 5509, 5310, 5717, 5541, 5355, 5440, 5522, 5252, 5350, 5716, 5702, 5651, 5446, 5292, 5566, 5486, 5613, 5280, 5497, 5703, 5284, 5595, 5387, 5477, 5675, 5679, 5394, 5428, 5714, 5393, 5354, 5705, 5332, 5583 (4 hits) (03/27/2013 03:05:14 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
11	9	1.0	333.0	Yes	5537.0MHz, -64.0dBm	Hop sequence: 5257, 5651, 5339, 5288, 5621, 5367, 5450, 5451, 5255, 5432, 5388, 5500, 5327, 5606, 5639, 5278, 5682, 5261, 5260, 5678, 5520, 5593, 5250, 5532, 5583, 5632, 5389, 5696, 5624, 5427, 5612, 5679, 5320, 5672, 5348, 5664, 5540, 5464, 5647, 5408, 5661, 5517, 5360, 5496, 5373, 5311, 5589, 5702, 5391, 5576, 5562, 5458, 5669, 5372, 5637, 5445, 5269, 5439, 5374, 5518, 5723, 5628, 5634, 5631, 5626, 5595, 5508, 5316, 5654, 5701, 5253, 5600, 5564, 5340, 5476, 5715, 5588, 5426, 5271, 5716, 5308, 5313, 5640, 5382, 5328, 5571, 5582, 5275, 5557, 5455, 5670, 5717, 5385, 5256, 5687, 5441, 5683, 5473, 5505, 5477 (2 hits) (03/27/2013 03:05:34 PM)
12	9	1.0	333.0	Yes	5538.0MHz, -64.0dBm	Hop sequence: 5428, 5259, 5287, 5266, 5362, 5401, 5403, 5654, 5565, 5677, 5258, 5475, 5469, 5467, 5477, 5445, 5559, 5627, 5326, 5451, 5518, 5574, 5665, 5514, 5332, 5374, 5364, 5398, 5679, 5322, 5278, 5471, 5269, 5692, 5604, 5320, 5253, 5534, 5505, 5584, 5628, 5317, 5619, 5610, 5472, 5553, 5515, 5523, 5379, 5279, 5341, 5691, 5348, 5511, 5690, 5498, 5643, 5598, 5547, 5413, 5280, 5533, 5308, 5452, 5722, 5424, 5402, 5489, 5680, 5550, 5314, 5408, 5251, 5454, 5555, 5470, 5378, 5645, 5414, 5558, 5639, 5524, 5343, 5520, 5632, 5296, 5564, 5703, 5666, 5521, 5526, 5545, 5406, 5268, 5714, 5633, 5635, 5663, 5288, 5638 (5 hits) (03/27/2013 03:05:59 PM)
13	9	1.0	333.0	Yes	5539.0MHz, -64.0dBm	Hop sequence: 5357, 5540, 5379, 5339, 5343, 5277, 5306, 5626, 5484, 5267, 5482, 5718, 5331, 5499, 5352, 5703, 5643, 5675, 5657, 5351, 5580, 5584, 5556, 5407, 5525, 5625, 5261, 5520, 5302, 5587, 5375, 5345, 5581, 5526, 5697, 5400, 5311, 5434, 5485, 5494, 5637, 5578, 5372, 5337, 5665, 5700, 5395, 5312, 5683, 5698, 5492, 5439, 5524,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5396, 5527, 5693, 5469, 5338, 5489, 5316, 5709, 5390, 5690, 5632, 5260, 5568, 5635, 5273, 5251, 5254, 5411, 5593, 5694, 5505, 5506, 5459, 5707, 5549, 5487, 5691, 5620, 5381, 5269, 5417, 5673, 5336, 5705, 5350, 5449, 5536, 5609, 5532, 5613, 5687, 5725, 5320, 5391, 5570, 5721, 5553 (4 hits) (03/27/2013 03:07:17 PM)
14	9	1.0	333.0	Yes	5540.0MHz, -64.0dBm	Hop sequence: 5668, 5304, 5542, 5382, 5388, 5663, 5687, 5495, 5327, 5654, 5713, 5424, 5645, 5504, 5432, 5383, 5321, 5251, 5711, 5341, 5430, 5624, 5653, 5438, 5307, 5587, 5286, 5553, 5650, 5389, 5703, 5450, 5296, 5415, 5644, 5306, 5352, 5331, 5268, 5506, 5436, 5503, 5420, 5358, 5615, 5675, 5395, 5510, 5317, 5401, 5476, 5462, 5269, 5413, 5377, 5680, 5721, 5601, 5481, 5485, 5622, 5677, 5309, 5421, 5704, 5509, 5272, 5487, 5445, 5724, 5469, 5252, 5609, 5656, 5396, 5425, 5640, 5339, 5612, 5562, 5660, 5545, 5502, 5287, 5585, 5291, 5456, 5688, 5610, 5336, 5565, 5697, 5422, 5276, 5474, 5253, 5340, 5285, 5486, 5717 (2 hits) (03/27/2013 03:07:59 PM)
15	9	1.0	333.0	Yes	5541.0MHz, -64.0dBm	Hop sequence: 5553, 5529, 5663, 5505, 5613, 5532, 5667, 5666, 5427, 5523, 5583, 5643, 5707, 5281, 5450, 5514, 5347, 5453, 5516, 5592, 5310, 5522, 5550, 5539, 5513, 5459, 5370, 5542, 5685, 5375, 5332, 5344, 5587, 5341, 5507, 5593, 5672, 5517, 5390, 5697, 5673, 5253, 5326, 5482, 5304, 5681, 5454, 5395, 5668, 5409, 5377, 5622, 5535, 5335, 5692, 5703, 5512, 5716, 5725, 5471, 5262, 5421, 5394, 5596, 5373, 5296, 5432, 5490, 5695, 5544, 5603, 5606, 5287, 5321, 5547, 5576, 5430, 5330, 5464, 5676, 5418, 5683, 5641, 5497, 5678, 5425, 5564, 5461, 5680, 5499, 5508, 5684, 5546, 5405, 5379, 5400, 5396, 5263, 5257, 5621 (9 hits) (03/27/2013 03:08:17 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
16	9	1.0	333.0	Yes	5542.0MHz, -64.0dBm	Hop sequence: 5350, 5333, 5549, 5343, 5609, 5362, 5560, 5692, 5527, 5515, 5644, 5359, 5404, 5552, 5470, 5293, 5612, 5255, 5663, 5553, 5496, 5537, 5615, 5652, 5629, 5712, 5323, 5468, 5402, 5340, 5528, 5449, 5403, 5533, 5526, 5493, 5666, 5443, 5613, 5693, 5357, 5696, 5620, 5637, 5522, 5298, 5336, 5257, 5555, 5592, 5619, 5682, 5482, 5570, 5672, 5651, 5501, 5314, 5445, 5262, 5397, 5277, 5452, 5722, 5503, 5342, 5446, 5346, 5497, 5598, 5387, 5575, 5639, 5393, 5408, 5381, 5669, 5318, 5310, 5431, 5715, 5349, 5642, 5636, 5424, 5341, 5513, 5591, 5281, 5440, 5450, 5414, 5514, 5671, 5500, 5288, 5344, 5278, 5252, 5664 (3 hits) (03/27/2013 03:08:42 PM)
17	9	1.0	333.0	Yes	5543.0MHz, -64.0dBm	Hop sequence: 5697, 5285, 5279, 5476, 5493, 5684, 5702, 5665, 5276, 5424, 5485, 5705, 5634, 5371, 5615, 5722, 5621, 5453, 5288, 5596, 5474, 5669, 5536, 5498, 5660, 5272, 5712, 5319, 5497, 5549, 5295, 5436, 5459, 5595, 5327, 5394, 5564, 5619, 5471, 5567, 5395, 5569, 5262, 5353, 5653, 5571, 5338, 5298, 5685, 5555, 5617, 5448, 5397, 5654, 5591, 5503, 5458, 5644, 5328, 5494, 5292, 5585, 5576, 5373, 5627, 5588, 5444, 5434, 5367, 5252, 5326, 5457, 5546, 5559, 5260, 5388, 5293, 5314, 5580, 5639, 5489, 5467, 5566, 5625, 5385, 5325, 5522, 5401, 5362, 5586, 5604, 5607, 5518, 5355, 5306, 5426, 5718, 5719, 5461, 5427 (3 hits) (03/27/2013 03:09:21 PM)
18	9	1.0	333.0	Yes	5544.0MHz, -64.0dBm	Hop sequence: 5426, 5498, 5575, 5489, 5365, 5434, 5451, 5603, 5483, 5510, 5433, 5709, 5608, 5618, 5584, 5389, 5715, 5617, 5692, 5619, 5568, 5658, 5317, 5335, 5392, 5501, 5547, 5403, 5304, 5696, 5513, 5313, 5557, 5560, 5624, 5459, 5404, 5487, 5326, 5314, 5525, 5718, 5664, 5604, 5391, 5359, 5595, 5508, 5330, 5610, 5690, 5491, 5324,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5488, 5406, 5409, 5697, 5370, 5423, 5543, 5502, 5441, 5340, 5293, 5416, 5467, 5450, 5592, 5398, 5551, 5691, 5281, 5272, 5644, 5656, 5411, 5673, 5352, 5394, 5332, 5252, 5594, 5634, 5396, 5582, 5712, 5449, 5325, 5388, 5705, 5687, 5318, 5504, 5474, 5312, 5676, 5642, 5457, 5427, 5412 (3 hits) (03/27/2013 03:09:47 PM)
19	9	1.0	333.0	Yes	5545.0MHz, -64.0dBm	Hop sequence: 5597, 5420, 5699, 5514, 5496, 5673, 5289, 5468, 5378, 5339, 5564, 5509, 5434, 5397, 5403, 5473, 5367, 5717, 5605, 5611, 5697, 5695, 5321, 5354, 5259, 5376, 5540, 5417, 5396, 5628, 5382, 5516, 5600, 5283, 5492, 5640, 5594, 5488, 5294, 5262, 5525, 5407, 5253, 5604, 5369, 5292, 5633, 5705, 5448, 5609, 5489, 5286, 5712, 5485, 5538, 5629, 5670, 5477, 5724, 5436, 5452, 5642, 5357, 5327, 5501, 5709, 5707, 5466, 5372, 5641, 5678, 5439, 5675, 5498, 5363, 5711, 5660, 5437, 5655, 5657, 5424, 5493, 5677, 5410, 5572, 5621, 5515, 5554, 5315, 5476, 5461, 5630, 5720, 5511, 5610, 5406, 5311, 5635, 5390, 5425 (2 hits) (03/27/2013 03:10:07 PM)
20	9	1.0	333.0	Yes	5546.0MHz, -64.0dBm	Hop sequence: 5507, 5405, 5701, 5609, 5588, 5494, 5437, 5723, 5634, 5679, 5640, 5429, 5579, 5666, 5642, 5518, 5529, 5421, 5257, 5628, 5472, 5536, 5441, 5514, 5500, 5651, 5320, 5301, 5348, 5706, 5670, 5708, 5406, 5255, 5315, 5392, 5682, 5496, 5322, 5333, 5499, 5356, 5378, 5350, 5681, 5541, 5556, 5265, 5321, 5600, 5299, 5521, 5397, 5486, 5548, 5452, 5438, 5268, 5477, 5401, 5271, 5274, 5709, 5363, 5288, 5448, 5336, 5374, 5525, 5347, 5256, 5671, 5258, 5252, 5554, 5580, 5306, 5380, 5360, 5326, 5663, 5485, 5520, 5611, 5638, 5505, 5707, 5603, 5538, 5351, 5273, 5303, 5612, 5422, 5644, 5450, 5491, 5696, 5343, 5582 (5 hits) (03/27/2013 03:10:31 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	9	1.0	333.0	Yes	5547.0MHz, -64.0dBm	Hop sequence: 5557, 5578, 5257, 5620, 5535, 5262, 5404, 5549, 5491, 5497, 5682, 5702, 5705, 5555, 5547, 5440, 5309, 5536, 5329, 5400, 5354, 5661, 5671, 5651, 5430, 5608, 5721, 5478, 5616, 5344, 5313, 5560, 5588, 5274, 5475, 5352, 5498, 5590, 5357, 5472, 5436, 5387, 5359, 5334, 5468, 5450, 5402, 5602, 5366, 5474, 5278, 5323, 5476, 5513, 5509, 5289, 5526, 5390, 5378, 5609, 5556, 5432, 5435, 5573, 5361, 5416, 5632, 5542, 5553, 5439, 5662, 5287, 5351, 5582, 5548, 5603, 5349, 5422, 5623, 5592, 5417, 5622, 5385, 5600, 5724, 5660, 5504, 5562, 5593, 5538, 5567, 5643, 5505, 5529, 5252, 5266, 5273, 5594, 5297, 5646 (8 hits) (03/27/2013 03:11:03 PM)
22	9	1.0	333.0	Yes	5548.0MHz, -64.0dBm	Hop sequence: 5477, 5394, 5439, 5601, 5284, 5536, 5387, 5335, 5560, 5336, 5561, 5429, 5307, 5721, 5329, 5493, 5713, 5252, 5649, 5253, 5261, 5479, 5349, 5615, 5486, 5709, 5622, 5380, 5583, 5699, 5290, 5460, 5523, 5540, 5389, 5457, 5681, 5505, 5572, 5370, 5513, 5469, 5657, 5495, 5378, 5310, 5326, 5276, 5342, 5464, 5706, 5563, 5448, 5660, 5431, 5444, 5691, 5475, 5262, 5517, 5491, 5614, 5352, 5565, 5390, 5544, 5451, 5453, 5701, 5678, 5424, 5597, 5470, 5708, 5672, 5611, 5500, 5717, 5564, 5296, 5634, 5607, 5435, 5418, 5554, 5653, 5314, 5629, 5496, 5468, 5603, 5428, 5300, 5350, 5323, 5711, 5271, 5662, 5562, 5506 (3 hits) (03/27/2013 03:11:24 PM)
23	9	1.0	333.0	Yes	5549.0MHz, -64.0dBm	Hop sequence: 5544, 5437, 5410, 5426, 5300, 5261, 5664, 5562, 5349, 5585, 5319, 5578, 5295, 5253, 5588, 5670, 5635, 5353, 5506, 5671, 5545, 5376, 5291, 5427, 5529, 5363, 5709, 5587, 5380, 5505, 5423, 5694, 5458, 5286, 5341, 5282, 5395, 5375, 5535, 5391, 5365, 5276, 5632, 5413, 5572, 5619, 5633, 5710, 5532, 5514, 5346, 5386, 5549,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5620, 5381, 5515, 5612, 5409, 5682, 5534, 5355, 5327, 5521, 5590, 5277, 5470, 5308, 5435, 5576, 5500, 5344, 5347, 5284, 5324, 5477, 5713, 5528, 5315, 5290, 5647, 5638, 5431, 5553, 5265, 5326, 5429, 5684, 5335, 5724, 5526, 5257, 5385, 5703, 5309, 5356, 5403, 5571, 5548, 5482, 5463 (8 hits) (03/27/2013 03:11:55 PM)
24	9	1.0	333.0	Yes	5550.0MHz, -64.0dBm	Hop sequence: 5286, 5503, 5444, 5253, 5291, 5724, 5677, 5467, 5435, 5415, 5635, 5476, 5569, 5260, 5395, 5651, 5620, 5505, 5297, 5685, 5302, 5687, 5370, 5447, 5658, 5541, 5722, 5689, 5510, 5593, 5643, 5682, 5461, 5683, 5712, 5263, 5624, 5343, 5523, 5698, 5704, 5477, 5304, 5708, 5425, 5400, 5485, 5457, 5313, 5283, 5623, 5519, 5668, 5362, 5591, 5626, 5579, 5502, 5361, 5545, 5694, 5306, 5287, 5661, 5458, 5542, 5690, 5524, 5417, 5387, 5606, 5529, 5358, 5272, 5588, 5258, 5664, 5478, 5320, 5271, 5321, 5414, 5672, 5344, 5700, 5577, 5277, 5382, 5600, 5365, 5497, 5640, 5618, 5565, 5667, 5333, 5334, 5409, 5472, 5259 (4 hits) (03/27/2013 03:12:18 PM)
25	9	1.0	333.0	Yes	5551.0MHz, -64.0dBm	Hop sequence: 5298, 5543, 5441, 5633, 5256, 5352, 5390, 5650, 5535, 5666, 5412, 5348, 5398, 5652, 5648, 5498, 5692, 5424, 5575, 5392, 5591, 5405, 5485, 5698, 5540, 5632, 5593, 5545, 5554, 5509, 5571, 5325, 5502, 5534, 5559, 5542, 5278, 5442, 5402, 5482, 5705, 5273, 5347, 5319, 5476, 5479, 5380, 5684, 5404, 5435, 5365, 5439, 5526, 5305, 5260, 5261, 5355, 5720, 5518, 5624, 5481, 5379, 5344, 5276, 5717, 5536, 5324, 5642, 5385, 5465, 5431, 5313, 5722, 5308, 5523, 5332, 5311, 5294, 5314, 5588, 5489, 5579, 5337, 5373, 5410, 5436, 5503, 5626, 5451, 5576, 5574, 5462, 5375, 5607, 5492, 5464, 5669, 5289, 5459, 5486 (7 hits) (03/27/2013 03:12:48 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
26	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5671, 5577, 5253, 5664, 5478, 5677, 5622, 5521, 5456, 5422, 5430, 5614, 5256, 5641, 5665, 5305, 5660, 5366, 5718, 5520, 5601, 5385, 5432, 5689, 5625, 5523, 5479, 5700, 5404, 5263, 5418, 5326, 5533, 5613, 5559, 5546, 5280, 5415, 5270, 5288, 5395, 5547, 5399, 5408, 5339, 5686, 5300, 5487, 5391, 5650, 5466, 5528, 5633, 5374, 5449, 5717, 5631, 5349, 5669, 5392, 5268, 5468, 5298, 5365, 5662, 5328, 5296, 5551, 5460, 5412, 5554, 5526, 5350, 5545, 5644, 5316, 5572, 5680, 5501, 5502, 5626, 5517, 5715, 5387, 5648, 5629, 5690, 5474, 5538, 5673, 5413, 5620, 5500, 5448, 5483, 5575, 5530, 5489, 5670, 5495 (7 hits) (03/27/2013 03:13:10 PM)
27	9	1.0	333.0	Yes	5530.0MHz, -64.0dBm	Hop sequence: 5350, 5456, 5533, 5690, 5321, 5560, 5287, 5566, 5515, 5486, 5484, 5323, 5430, 5392, 5384, 5674, 5428, 5687, 5600, 5367, 5562, 5622, 5289, 5298, 5334, 5441, 5507, 5535, 5618, 5352, 5498, 5663, 5726, 5719, 5610, 5605, 5569, 5487, 5318, 5525, 5360, 5694, 5410, 5400, 5461, 5282, 5613, 5650, 5642, 5257, 5381, 5478, 5724, 5460, 5328, 5532, 5623, 5480, 5531, 5551, 5347, 5286, 5721, 5345, 5294, 5688, 5571, 5556, 5414, 5479, 5398, 5319, 5378, 5251, 5383, 5678, 5578, 5495, 5725, 5608, 5594, 5405, 5607, 5290, 5689, 5563, 5374, 5355, 5712, 5444, 5346, 5438, 5470, 5654, 5427, 5434, 5437, 5264, 5574, 5717 (5 hits) (03/27/2013 03:13:34 PM)
28	9	1.0	333.0	Yes	5531.0MHz, -64.0dBm	Hop sequence: 5444, 5709, 5456, 5370, 5428, 5636, 5676, 5396, 5262, 5510, 5660, 5297, 5337, 5305, 5360, 5449, 5384, 5629, 5321, 5252, 5400, 5489, 5674, 5586, 5300, 5406, 5482, 5565, 5496, 5517, 5389, 5693, 5432, 5399, 5367, 5670, 5538, 5610, 5696, 5310, 5433, 5574, 5302, 5655, 5369, 5328, 5683, 5304, 5619, 5259, 5651, 5534, 5476,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5544, 5689, 5624, 5695, 5539, 5423, 5254, 5291, 5441, 5410, 5597, 5711, 5506, 5311, 5298, 5391, 5348, 5603, 5537, 5467, 5398, 5600, 5635, 5457, 5478, 5549, 5502, 5500, 5595, 5712, 5350, 5590, 5654, 5545, 5315, 5509, 5562, 5454, 5497, 5494, 5687, 5569, 5626, 5288, 5251, 5474, 5412 (7 hits) (03/27/2013 03:13:55 PM)
29	9	1.0	333.0	Yes	5532.0MHz, -64.0dBm	Hop sequence: 5383, 5530, 5309, 5303, 5340, 5475, 5359, 5518, 5595, 5694, 5441, 5701, 5353, 5294, 5491, 5479, 5482, 5377, 5715, 5291, 5640, 5686, 5361, 5481, 5725, 5710, 5311, 5384, 5266, 5562, 5306, 5466, 5698, 5477, 5320, 5504, 5675, 5706, 5271, 5510, 5714, 5647, 5443, 5493, 5286, 5681, 5533, 5326, 5268, 5490, 5532, 5432, 5695, 5427, 5536, 5393, 5653, 5302, 5409, 5331, 5614, 5372, 5492, 5434, 5310, 5527, 5545, 5370, 5650, 5636, 5287, 5274, 5556, 5708, 5565, 5317, 5278, 5624, 5308, 5313, 5657, 5405, 5419, 5509, 5713, 5258, 5315, 5591, 5329, 5262, 5318, 5486, 5483, 5371, 5672, 5645, 5380, 5703, 5639, 5637 (5 hits) (03/27/2013 03:14:16 PM)
30	9	1.0	333.0	Yes	5533.0MHz, -64.0dBm	Hop sequence: 5530, 5667, 5413, 5305, 5525, 5386, 5416, 5263, 5345, 5710, 5704, 5684, 5352, 5626, 5558, 5347, 5346, 5629, 5561, 5406, 5266, 5529, 5472, 5431, 5285, 5469, 5366, 5395, 5623, 5323, 5474, 5404, 5600, 5292, 5573, 5426, 5451, 5662, 5441, 5656, 5342, 5418, 5689, 5643, 5672, 5490, 5536, 5507, 5666, 5543, 5254, 5374, 5711, 5348, 5289, 5615, 5457, 5302, 5669, 5409, 5670, 5534, 5351, 5267, 5481, 5663, 5638, 5681, 5405, 5270, 5511, 5627, 5286, 5298, 5547, 5370, 5488, 5391, 5665, 5650, 5262, 5326, 5648, 5253, 5527, 5312, 5392, 5255, 5552, 5390, 5371, 5429, 5287, 5283, 5687, 5331, 5652, 5489, 5269, 5450 (6 hits) (03/27/2013 03:14:46 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
31	9	1.0	333.0	Yes	5534.0MHz, -64.0dBm	Hop sequence: 5651, 5593, 5415, 5694, 5726, 5311, 5320, 5355, 5721, 5579, 5298, 5538, 5585, 5343, 5606, 5550, 5564, 5449, 5457, 5422, 5581, 5624, 5615, 5370, 5318, 5608, 5462, 5688, 5652, 5399, 5254, 5468, 5630, 5434, 5512, 5492, 5708, 5592, 5598, 5339, 5428, 5445, 5435, 5494, 5284, 5384, 5560, 5309, 5587, 5438, 5723, 5461, 5541, 5489, 5717, 5409, 5568, 5391, 5390, 5425, 5321, 5361, 5493, 5699, 5666, 5711, 5622, 5599, 5706, 5679, 5604, 5484, 5259, 5565, 5417, 5372, 5346, 5266, 5509, 5641, 5363, 5611, 5613, 5375, 5549, 5388, 5469, 5432, 5657, 5327, 5286, 5676, 5642, 5482, 5437, 5459, 5578, 5275, 5316, 5426 (4 hits) (03/27/2013 03:15:04 PM)
32	9	1.0	333.0	Yes	5535.0MHz, -64.0dBm	Hop sequence: 5358, 5553, 5645, 5459, 5275, 5615, 5276, 5474, 5309, 5329, 5489, 5686, 5581, 5251, 5703, 5649, 5495, 5534, 5494, 5701, 5677, 5513, 5532, 5663, 5670, 5305, 5327, 5382, 5343, 5550, 5634, 5477, 5482, 5724, 5599, 5394, 5413, 5285, 5272, 5450, 5673, 5512, 5338, 5572, 5564, 5436, 5573, 5566, 5319, 5322, 5719, 5451, 5380, 5256, 5296, 5519, 5595, 5531, 5301, 5472, 5465, 5560, 5700, 5648, 5333, 5630, 5538, 5715, 5449, 5563, 5435, 5492, 5391, 5672, 5425, 5342, 5363, 5292, 5608, 5286, 5264, 5633, 5610, 5392, 5576, 5429, 5443, 5467, 5622, 5283, 5687, 5638, 5621, 5502, 5650, 5546, 5278, 5289, 5401, 5676 (6 hits) (03/27/2013 03:15:23 PM)
33	9	1.0	333.0	Yes	5536.0MHz, -64.0dBm	Hop sequence: 5439, 5602, 5270, 5380, 5409, 5368, 5399, 5495, 5662, 5607, 5461, 5680, 5411, 5459, 5679, 5258, 5391, 5634, 5609, 5292, 5407, 5527, 5555, 5349, 5647, 5283, 5560, 5615, 5388, 5445, 5372, 5612, 5611, 5520, 5532, 5474, 5580, 5710, 5658, 5619, 5590, 5273, 5463, 5521, 5676, 5265, 5339, 5343, 5659, 5622, 5513, 5449, 5355,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5257, 5289, 5577, 5314, 5405, 5592, 5525, 5667, 5544, 5255, 5600, 5281, 5656, 5593, 5376, 5443, 5430, 5301, 5466, 5341, 5484, 5269, 5365, 5334, 5422, 5259, 5267, 5444, 5354, 5493, 5456, 5623, 5440, 5298, 5599, 5579, 5670, 5251, 5262, 5496, 5302, 5725, 5282, 5637, 5299, 5501, 5526 (2 hits) (03/27/2013 03:15:45 PM)
34	9	1.0	333.0	Yes	5537.0MHz, -64.0dBm	Hop sequence: 5531, 5590, 5681, 5370, 5490, 5654, 5387, 5500, 5480, 5678, 5310, 5615, 5338, 5540, 5716, 5542, 5463, 5684, 5315, 5535, 5256, 5362, 5386, 5300, 5525, 5578, 5457, 5489, 5503, 5472, 5282, 5610, 5557, 5422, 5672, 5667, 5623, 5391, 5598, 5661, 5712, 5680, 5439, 5719, 5486, 5421, 5462, 5304, 5363, 5333, 5709, 5303, 5512, 5660, 5577, 5604, 5639, 5622, 5357, 5449, 5548, 5701, 5298, 5302, 5375, 5686, 5637, 5466, 5518, 5602, 5389, 5673, 5628, 5521, 5272, 5406, 5325, 5621, 5334, 5706, 5280, 5626, 5286, 5629, 5485, 5426, 5608, 5265, 5321, 5679, 5440, 5587, 5332, 5562, 5297, 5655, 5419, 5618, 5320, 5522 (5 hits) (03/27/2013 03:16:49 PM)
35	9	1.0	333.0	Yes	5538.0MHz, -64.0dBm	Hop sequence: 5622, 5652, 5528, 5406, 5306, 5466, 5384, 5718, 5642, 5285, 5510, 5493, 5716, 5320, 5700, 5264, 5356, 5425, 5676, 5301, 5508, 5710, 5344, 5646, 5314, 5633, 5709, 5725, 5618, 5456, 5590, 5395, 5706, 5396, 5482, 5593, 5450, 5678, 5446, 5581, 5697, 5283, 5695, 5707, 5578, 5371, 5589, 5376, 5544, 5644, 5297, 5315, 5422, 5432, 5398, 5379, 5713, 5268, 5630, 5374, 5290, 5442, 5667, 5389, 5485, 5524, 5325, 5597, 5533, 5595, 5625, 5708, 5669, 5542, 5557, 5445, 5348, 5521, 5569, 5536, 5535, 5337, 5606, 5473, 5517, 5724, 5680, 5479, 5343, 5427, 5323, 5394, 5291, 5256, 5405, 5407, 5689, 5421, 5408, 5577 (5 hits) (03/27/2013 03:17:12 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
36	9	1.0	333.0	Yes	5539.0MHz, -64.0dBm	Hop sequence: 5609, 5285, 5674, 5288, 5584, 5711, 5564, 5604, 5610, 5606, 5328, 5427, 5315, 5573, 5550, 5599, 5637, 5627, 5356, 5269, 5644, 5295, 5625, 5256, 5600, 5545, 5661, 5651, 5340, 5441, 5276, 5650, 5290, 5359, 5624, 5511, 5694, 5443, 5298, 5541, 5474, 5483, 5578, 5673, 5453, 5509, 5358, 5553, 5472, 5682, 5308, 5608, 5457, 5505, 5502, 5636, 5485, 5319, 5458, 5676, 5411, 5581, 5419, 5522, 5684, 5516, 5619, 5456, 5616, 5403, 5393, 5699, 5645, 5554, 5696, 5716, 5296, 5318, 5514, 5726, 5361, 5470, 5528, 5670, 5701, 5406, 5679, 5415, 5677, 5476, 5628, 5322, 5620, 5633, 5579, 5652, 5293, 5433, 5660, 5416 (3 hits) (03/27/2013 03:17:45 PM)
37	9	1.0	333.0	Yes	5540.0MHz, -64.0dBm	Hop sequence: 5690, 5474, 5675, 5424, 5523, 5303, 5692, 5258, 5682, 5586, 5711, 5450, 5593, 5540, 5601, 5676, 5638, 5463, 5405, 5488, 5411, 5439, 5698, 5444, 5626, 5392, 5619, 5324, 5357, 5275, 5297, 5281, 5400, 5645, 5473, 5657, 5550, 5713, 5718, 5462, 5366, 5388, 5584, 5262, 5332, 5373, 5375, 5543, 5562, 5528, 5259, 5722, 5430, 5304, 5512, 5289, 5590, 5436, 5421, 5257, 5326, 5420, 5251, 5307, 5591, 5652, 5595, 5267, 5608, 5691, 5397, 5478, 5563, 5419, 5556, 5627, 5665, 5646, 5687, 5492, 5684, 5637, 5720, 5285, 5553, 5656, 5667, 5416, 5339, 5609, 5468, 5361, 5686, 5471, 5714, 5298, 5614, 5681, 5633, 5531 (4 hits) (03/27/2013 03:18:00 PM)
38	9	1.0	333.0	Yes	5541.0MHz, -64.0dBm	Hop sequence: 5267, 5676, 5716, 5658, 5622, 5506, 5469, 5414, 5717, 5395, 5363, 5511, 5283, 5459, 5321, 5280, 5629, 5669, 5594, 5364, 5403, 5331, 5366, 5627, 5436, 5410, 5384, 5467, 5401, 5590, 5528, 5537, 5489, 5656, 5468, 5552, 5494, 5647, 5532, 5424, 5544, 5673, 5561, 5397, 5421, 5287, 5353, 5611, 5663, 5722, 5379, 5284, 5549,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5487, 5643, 5311, 5588, 5682, 5383, 5416, 5613, 5399, 5296, 5278, 5688, 5292, 5681, 5462, 5703, 5639, 5689, 5486, 5686, 5589, 5457, 5505, 5445, 5325, 5423, 5434, 5687, 5294, 5593, 5632, 5692, 5711, 5529, 5340, 5440, 5517, 5302, 5585, 5337, 5493, 5254, 5710, 5497, 5418, 5565, 5286 (5 hits) (03/27/2013 03:18:20 PM)
39	9	1.0	333.0	Yes	5542.0MHz, -64.0dBm	Hop sequence: 5434, 5442, 5506, 5537, 5440, 5270, 5331, 5269, 5560, 5312, 5407, 5386, 5253, 5257, 5355, 5365, 5586, 5687, 5722, 5400, 5472, 5716, 5348, 5367, 5453, 5464, 5277, 5631, 5282, 5465, 5546, 5559, 5518, 5461, 5421, 5596, 5705, 5436, 5478, 5471, 5612, 5408, 5460, 5425, 5450, 5639, 5346, 5684, 5258, 5702, 5364, 5602, 5650, 5418, 5552, 5578, 5590, 5699, 5279, 5372, 5399, 5458, 5435, 5601, 5634, 5300, 5610, 5274, 5581, 5629, 5490, 5374, 5424, 5647, 5558, 5603, 5354, 5584, 5543, 5665, 5294, 5273, 5268, 5457, 5573, 5359, 5433, 5256, 5470, 5567, 5357, 5718, 5533, 5497, 5663, 5350, 5712, 5508, 5609, 5703 (4 hits) (03/27/2013 03:18:40 PM)
40	9	1.0	333.0	Yes	5543.0MHz, -64.0dBm	Hop sequence: 5317, 5650, 5391, 5721, 5540, 5677, 5332, 5306, 5631, 5608, 5402, 5342, 5349, 5448, 5700, 5255, 5628, 5446, 5389, 5546, 5351, 5659, 5298, 5547, 5557, 5684, 5353, 5484, 5641, 5568, 5723, 5563, 5699, 5260, 5286, 5350, 5304, 5525, 5447, 5275, 5357, 5686, 5697, 5545, 5394, 5461, 5482, 5666, 5577, 5315, 5430, 5696, 5322, 5710, 5441, 5438, 5428, 5383, 5503, 5626, 5718, 5621, 5388, 5595, 5519, 5458, 5423, 5362, 5251, 5395, 5520, 5704, 5250, 5314, 5711, 5627, 5311, 5412, 5488, 5511, 5451, 5426, 5600, 5575, 5552, 5374, 5290, 5265, 5648, 5537, 5459, 5355, 5645, 5494, 5632, 5444, 5726, 5263, 5652, 5384 (5 hits) (03/27/2013 03:19:01 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
41	9	1.0	333.0	Yes	5544.0MHz, -64.0dBm	Hop sequence: 5425, 5666, 5279, 5284, 5433, 5334, 5479, 5633, 5408, 5554, 5401, 5627, 5459, 5507, 5311, 5657, 5426, 5386, 5445, 5539, 5449, 5604, 5641, 5488, 5513, 5616, 5360, 5469, 5508, 5588, 5317, 5355, 5564, 5549, 5661, 5592, 5283, 5721, 5253, 5486, 5566, 5676, 5708, 5369, 5307, 5429, 5690, 5352, 5689, 5667, 5343, 5625, 5707, 5254, 5504, 5335, 5674, 5346, 5573, 5359, 5309, 5374, 5605, 5543, 5531, 5591, 5572, 5364, 5412, 5358, 5468, 5333, 5717, 5424, 5437, 5688, 5595, 5318, 5496, 5377, 5556, 5326, 5681, 5287, 5295, 5700, 5702, 5261, 5361, 5301, 5316, 5715, 5565, 5476, 5584, 5723, 5370, 5608, 5599, 5683 (4 hits) (03/27/2013 03:19:20 PM)
42	9	1.0	333.0	Yes	5545.0MHz, -64.0dBm	Hop sequence: 5283, 5327, 5576, 5568, 5382, 5360, 5525, 5293, 5328, 5688, 5446, 5707, 5708, 5655, 5436, 5516, 5429, 5617, 5417, 5427, 5584, 5533, 5520, 5594, 5608, 5444, 5334, 5299, 5656, 5596, 5672, 5296, 5569, 5638, 5598, 5421, 5565, 5714, 5345, 5266, 5317, 5437, 5526, 5718, 5354, 5705, 5480, 5549, 5676, 5556, 5443, 5716, 5566, 5250, 5573, 5379, 5669, 5342, 5288, 5528, 5307, 5615, 5570, 5405, 5704, 5506, 5286, 5653, 5265, 5357, 5352, 5629, 5275, 5291, 5664, 5372, 5614, 5403, 5503, 5313, 5474, 5274, 5281, 5591, 5580, 5321, 5521, 5496, 5527, 5255, 5507, 5432, 5530, 5335, 5690, 5582, 5509, 5289, 5365, 5561 (3 hits) (03/27/2013 03:19:40 PM)
43	9	1.0	333.0	Yes	5546.0MHz, -64.0dBm	Hop sequence: 5357, 5600, 5257, 5576, 5509, 5702, 5380, 5548, 5455, 5264, 5497, 5552, 5275, 5329, 5709, 5704, 5452, 5470, 5399, 5686, 5627, 5511, 5420, 5377, 5389, 5288, 5519, 5570, 5384, 5564, 5584, 5400, 5253, 5655, 5461, 5507, 5555, 5687, 5547, 5673, 5306, 5649, 5262, 5368, 5303, 5620, 5544, 5385, 5459, 5475, 5560, 5290, 5436,

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5715, 5626, 5603, 5276, 5508, 5453, 5490, 5267, 5534, 5258, 5324, 5642, 5498, 5550, 5661, 5663, 5476, 5622, 5269, 5333, 5281, 5339, 5479, 5688, 5681, 5602, 5545, 5651, 5289, 5454, 5319, 5460, 5643, 5568, 5422, 5342, 5395, 5330, 5350, 5386, 5514, 5391, 5254, 5573, 5592, 5699, 5347 (6 hits) (03/27/2013 03:20:07 PM)
44	9	1.0	333.0	Yes	5547.0MHz, -64.0dBm	Hop sequence: 5332, 5278, 5323, 5322, 5480, 5501, 5462, 5609, 5254, 5468, 5376, 5677, 5686, 5412, 5385, 5269, 5534, 5304, 5408, 5607, 5701, 5692, 5358, 5702, 5568, 5725, 5360, 5610, 5302, 5444, 5524, 5661, 5668, 5478, 5650, 5391, 5629, 5453, 5479, 5601, 5550, 5598, 5439, 5579, 5387, 5666, 5393, 5694, 5327, 5559, 5554, 5599, 5715, 5560, 5350, 5555, 5483, 5373, 5271, 5703, 5429, 5265, 5293, 5466, 5625, 5299, 5689, 5300, 5352, 5541, 5704, 5494, 5710, 5463, 5561, 5432, 5351, 5548, 5590, 5421, 5606, 5285, 5310, 5640, 5520, 5342, 5602, 5504, 5464, 5492, 5512, 5531, 5267, 5378, 5633, 5684, 5369, 5588, 5634, 5418 (5 hits) (03/27/2013 03:20:25 PM)
45	9	1.0	333.0	Yes	5548.0MHz, -64.0dBm	Hop sequence: 5344, 5357, 5309, 5375, 5600, 5555, 5367, 5380, 5405, 5455, 5652, 5268, 5558, 5608, 5362, 5391, 5256, 5671, 5370, 5707, 5426, 5262, 5483, 5462, 5446, 5612, 5443, 5702, 5724, 5251, 5710, 5456, 5395, 5393, 5575, 5679, 5711, 5565, 5315, 5620, 5568, 5411, 5496, 5717, 5682, 5258, 5431, 5273, 5470, 5306, 5301, 5416, 5360, 5636, 5442, 5656, 5294, 5311, 5339, 5323, 5417, 5270, 5676, 5340, 5333, 5369, 5666, 5429, 5515, 5458, 5495, 5346, 5253, 5355, 5537, 5673, 5502, 5594, 5394, 5623, 5641, 5422, 5719, 5430, 5412, 5297, 5365, 5714, 5324, 5434, 5280, 5642, 5598, 5376, 5488, 5665, 5348, 5648, 5463, 5282 (1 hits) (03/27/2013 03:21:00 PM)

Table 43 - FCC frequency hopping radar (Type 6) Results HT 20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
46	9	1.0	333.0	Yes	5549.0MHz, -64.0dBm	Hop sequence: 5291, 5362, 5678, 5255, 5568, 5317, 5429, 5712, 5639, 5333, 5339, 5610, 5307, 5433, 5519, 5615, 5708, 5267, 5584, 5337, 5393, 5520, 5619, 5326, 5434, 5667, 5628, 5498, 5583, 5477, 5601, 5549, 5451, 5571, 5279, 5683, 5453, 5703, 5358, 5257, 5714, 5624, 5707, 5561, 5621, 5428, 5322, 5418, 5251, 5581, 5669, 5622, 5605, 5449, 5379, 5623, 5427, 5627, 5356, 5319, 5507, 5705, 5290, 5268, 5720, 5647, 5275, 5564, 5576, 5273, 5672, 5590, 5658, 5484, 5656, 5430, 5646, 5673, 5548, 5677, 5481, 5315, 5529, 5569, 5261, 5722, 5671, 5464, 5682, 5578, 5377, 5363, 5664, 5396, 5566, 5721, 5398, 5606, 5691, 5518 (3 hits) (03/27/2013 03:21:32 PM)

Table 44 - HT40Detection Bandwidth Measurements (Bandwidth: +20MHz /-20MHz)

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5529.00 MHz	0	3	0
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5530.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5531.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5532.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5533.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5534.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5535.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5536.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5537.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5538.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5539.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5540.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5541.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5542.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5543.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5544.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5545.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5546.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5547.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5548.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5549.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5550.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5551.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5552.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5553.00 MHz	10	0	100

Table 44 - HT40Detection Bandwidth Measurements (Bandwidth: +20MHz /-20MHz)

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5554.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5555.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5556.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5557.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5558.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5559.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5560.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5561.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5562.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5563.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5564.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5565.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5566.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5567.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5568.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5569.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5570.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5571.00 MHz	0	3	0

Table 45 - Summary of All Results - HT 40

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)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	95.8 %	80.0 %	120	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	41	PASSED

Table 46 - FCC Short Pulse Radar (Type 1) Results HT 40

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 08:51:03 PM)
2	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 08:51:55 PM)
3	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 08:52:25 PM)
4	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 08:52:50 PM)
5	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 08:53:24 PM)
6	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 08:54:14 PM)
7	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 08:55:10 PM)
8	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 08:55:39 PM)
9	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 08:56:51 PM)

Table 46 - FCC Short Pulse Radar (Type 1) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 08:57:48 PM)
11	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 08:59:48 PM)
12	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:02:02 PM)
13	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:02:36 PM)
14	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:03:19 PM)
15	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:14:32 PM)
16	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:14:53 PM)
17	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:15:24 PM)
18	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:15:45 PM)
19	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:16:25 PM)
20	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:17:28 PM)
21	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:18:25 PM)
22	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:19:14 PM)
23	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:19:37 PM)
24	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:20:04 PM)
25	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:20:56 PM)
26	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:21:16 PM)
27	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:21:29 PM)
28	18	1.0	1428.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 09:21:48 PM)
29	18	1.0	1428.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 09:22:07 PM)
30	18	1.0	1428.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 09:22:21 PM)

Table 47 - FCC Short Pulse Radar (Type 2) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	28	1.0	226.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:06:38 PM)
2	23	2.8	206.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:07:42 PM)
3	23	1.7	173.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:08:06 PM)

Table 47 - FCC Short Pulse Radar (Type 2) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	27	3.8	178.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 06:08:37 PM)
5	24	1.5	202.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 06:08:51 PM)
6	27	3.6	154.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 06:09:24 PM)
7	26	4.3	219.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 06:20:12 PM)
8	28	3.7	158.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:21:53 PM)
9	25	2.9	222.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:22:19 PM)
10	26	4.5	221.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:22:59 PM)
11	27	2.3	177.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 06:23:43 PM)
12	29	3.0	204.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 06:24:20 PM)
13	27	3.7	156.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 06:25:40 PM)
14	23	2.2	196.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 06:26:19 PM)
15	28	4.0	213.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:26:44 PM)
16	28	3.8	227.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:27:31 PM)
17	27	2.5	222.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:27:56 PM)
18	28	3.5	162.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 06:28:22 PM)
19	23	3.1	203.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 06:28:56 PM)
20	28	4.1	219.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 06:29:14 PM)
21	26	2.7	219.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 06:29:32 PM)
22	25	2.5	168.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:30:56 PM)
23	27	1.4	163.0	No	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:31:23 PM)
24	27	4.7	188.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:31:47 PM)
25	23	3.2	151.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 06:32:43 PM)
26	24	3.0	178.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 06:33:09 PM)
27	23	2.8	198.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 06:33:30 PM)
28	26	4.8	220.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 06:34:02 PM)
29	26	4.5	165.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:34:23 PM)
30	28	3.5	151.0	No	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:34:48 PM)

Table 48 - FCC Short Pulse Radar (Type 3) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	7.2	363.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:36:27 PM)
2	17	6.7	497.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:36:42 PM)
3	17	6.4	498.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:37:11 PM)
4	17	8.8	274.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 06:37:44 PM)
5	17	10.0	249.0	No	5565.0MHz, -64.0dBm	Single burst (03/26/2013 06:37:56 PM)
6	16	9.3	346.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 06:38:29 PM)
7	18	6.3	343.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 06:38:53 PM)
8	18	8.8	477.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:39:21 PM)
9	17	6.4	277.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:39:47 PM)
10	16	6.7	411.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:40:17 PM)
11	16	8.6	314.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 06:40:35 PM)
12	17	9.5	331.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 06:40:54 PM)
13	17	6.3	421.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 06:42:07 PM)
14	18	6.7	375.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 06:42:32 PM)
15	16	7.3	497.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:43:04 PM)
16	17	9.7	401.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:43:21 PM)
17	17	7.9	398.0	No	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:53:56 PM)
18	17	7.4	289.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 06:54:14 PM)
19	16	8.9	462.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 06:56:14 PM)
20	18	6.7	349.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 06:56:51 PM)
21	18	9.5	401.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 06:57:14 PM)
22	17	8.1	267.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 06:57:40 PM)
23	18	8.1	447.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 06:58:46 PM)
24	16	8.2	346.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 06:59:22 PM)
25	18	7.0	239.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 07:00:05 PM)
26	17	9.7	485.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 07:00:17 PM)
27	17	9.4	387.0	Yes	5560.0MHz,	Single burst (03/26/2013 07:00:40 PM)

Table 48 - FCC Short Pulse Radar (Type 3) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	PM)
28	17	8.8	440.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 07:01:00 PM)
29	18	7.8	351.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 07:01:24 PM)
30	16	9.2	366.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 07:01:51 PM)

Table 49 - FCC Short Pulse Radar (Type 4) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	12	19.8	456.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 07:03:08 PM)
2	16	17.6	223.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 07:03:25 PM)
3	14	11.5	215.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 07:03:54 PM)
4	14	19.5	291.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 07:04:55 PM)
5	13	15.5	419.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 07:05:23 PM)
6	16	14.7	226.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 07:05:50 PM)
7	15	18.6	411.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 07:06:08 PM)
8	14	12.7	279.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 07:06:43 PM)
9	12	18.0	376.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 07:07:26 PM)
10	14	13.7	481.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 07:07:45 PM)
11	13	15.6	265.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 07:08:06 PM)
12	16	18.8	408.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 07:08:35 PM)
13	16	11.0	217.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 07:08:51 PM)
14	14	11.8	442.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 07:09:14 PM)
15	12	16.5	311.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 07:09:58 PM)
16	14	13.4	289.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 07:10:55 PM)
17	15	15.6	245.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 07:12:13 PM)
18	13	16.8	466.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 07:12:32 PM)
19	14	17.7	323.0	No	5565.0MHz, -64.0dBm	Single burst (03/26/2013 07:12:48 PM)
20	12	19.5	433.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 07:13:03 PM)
21	13	18.4	329.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 07:54:02 PM)

Table 49 - FCC Short Pulse Radar (Type 4) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
22	13	17.5	278.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 07:54:20 PM)
23	15	12.4	441.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 07:54:45 PM)
24	15	14.5	273.0	Yes	5540.0MHz, -64.0dBm	Single burst (03/26/2013 07:55:11 PM)
25	16	17.3	211.0	Yes	5535.0MHz, -64.0dBm	Single burst (03/26/2013 07:55:42 PM)
26	14	11.3	381.0	Yes	5565.0MHz, -64.0dBm	Single burst (03/26/2013 07:56:14 PM)
27	13	12.2	375.0	Yes	5560.0MHz, -64.0dBm	Single burst (03/26/2013 07:56:27 PM)
28	16	12.5	387.0	Yes	5555.0MHz, -64.0dBm	Single burst (03/26/2013 07:56:41 PM)
29	14	11.5	450.0	Yes	5550.0MHz, -64.0dBm	Single burst (03/26/2013 07:56:56 PM)
30	16	18.8	249.0	Yes	5545.0MHz, -64.0dBm	Single burst (03/26/2013 07:57:21 PM)

Table 50 - Long Sequence Waveform Summary HT 40

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5550.0MHz, -64.0dBm
Trial #2	Detected	5545.0MHz, -64.0dBm
Trial #3	Detected	5540.0MHz, -64.0dBm
Trial #4	Detected	5535.0MHz, -64.0dBm
Trial #5	Detected	5565.0MHz, -64.0dBm
Trial #6	Detected	5560.0MHz, -64.0dBm
Trial #7	Detected	5555.0MHz, -64.0dBm
Trial #8	Detected	5550.0MHz, -64.0dBm
Trial #9	Detected	5545.0MHz, -64.0dBm
Trial #10	Detected	5540.0MHz, -64.0dBm
Trial #11	Detected	5535.0MHz, -64.0dBm
Trial #12	Detected	5565.0MHz, -64.0dBm
Trial #13	Detected	5560.0MHz, -64.0dBm
Trial #14	Detected	5555.0MHz, -64.0dBm
Trial #15	Detected	5550.0MHz, -64.0dBm
Trial #16	Detected	5545.0MHz, -64.0dBm

Table 50 - Long Sequence Waveform Summary HT 40

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #17	Detected	5540.0MHz, -64.0dBm
Trial #18	Detected	5535.0MHz, -64.0dBm
Trial #19	Detected	5565.0MHz, -64.0dBm
Trial #20	Detected	5560.0MHz, -64.0dBm
Trial #21	Detected	5555.0MHz, -64.0dBm
Trial #22	Detected	5550.0MHz, -64.0dBm
Trial #23	Detected	5545.0MHz, -64.0dBm
Trial #24	Detected	5540.0MHz, -64.0dBm
Trial #25	Detected	5535.0MHz, -64.0dBm
Trial #26	Detected	5565.0MHz, -64.0dBm
Trial #27	Detected	5560.0MHz, -64.0dBm
Trial #28	Detected	5555.0MHz, -64.0dBm
Trial #29	Detected	5550.0MHz, -64.0dBm
Trial #30	Detected	5545.0MHz, -64.0dBm

Table 51 - HT 40 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 (s)
1	2	93.8	14	1468.0	-	0.144993
2	1	86.7	9	-	-	1.688776
3	2	63.1	20	1450.0	-	2.280423
4	2	79.1	17	1688.0	-	3.175578
5	2	64.5	15	1390.0	-	4.3567
6	2	94.5	13	1085.0	-	5.107545
7	1	77.6	5	-	-	5.45457
8	2	53.5	16	1689.0	-	6.627707
9	2	87.4	14	1626.0	-	6.963312
10	2	91.1	12	1879.0	-	8.530261
11	2	52	17	1309.0	-	9.479609
12	1	52.4	19	-	-	9.82902
13	2	88.7	7	1710.0	-	10.904496
14	2	85.5	16	1671.0	-	11.479382

Table 52 - HT 40 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 (s)
1	2	75.4	9	1265.0	-	0.371666
2	2	74.3	7	1371.0	-	1.646081

Table 52 - HT 40 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 (s)
3	2	64.2	18	1568.0	-	2.512502
4	1	93.4	6	-	-	4.058052
5	2	64.5	18	1299.0	-	5.463831
6	2	62.8	6	1538.0	-	6.413073
7	1	80.6	14	-	-	6.86645
8	2	59.6	14	1382.0	-	8.736037
9	2	57.5	16	1833.0	-	9.298649
10	3	67.4	12	1172.0	1873.0	10.881071
11	2	66.1	9	1538.0	-	11.829328

Table 53 - HT 40 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 (s)
1	1	72.7	7	-	-	0.209818
2	1	51.5	8	-	-	2.852553
3	1	98.3	10	-	-	4.201984
4	2	58.7	19	1155.0	-	5.306124
5	3	62.0	18	1964.0	1195.0	6.544489
6	3	92.9	16	1620.0	1315.0	8.808218
7	1	86.8	19	-	-	10.117477
8	2	94.6	5	1755.0	-	10.780693

Table 54 - HT 40 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 (s)
1	2	96.7	11	1006.0	-	0.622925
2	1	79.4	18	-	-	1.203733
3	3	80.9	19	1997.0	1064.0	1.893534
4	2	70.9	12	1209.0	-	2.859122
5	1	78.4	12	-	-	3.560476
6	1	62.2	14	-	-	4.707268
7	2	82.0	13	1515.0	-	5.086367
8	2	85.9	13	1952.0	-	6.139087
9	3	56.5	8	1360.0	1085.0	6.953316
10	1	86.8	9	-	-	7.704568
11	2	63.5	18	1166.0	-	8.213234
12	3	56.6	5	1340.0	1057.0	9.358223
13	2	69.5	9	1521.0	-	9.93025
14	3	70.8	15	1435.0	1445.0	11.044405
15	2	59.8	18	1024.0	-	11.609831

Table 55 - HT 40 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 (s)
1	2	83.6	18	1090.0	-	0.346486
2	1	63.4	10	-	-	1.740891
3	2	94.9	7	1345.0	-	2.523877
4	1	60.2	11	-	-	3.523687
5	3	73.5	14	1785.0	1946.0	

Table 55 - HT 40 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 (s)
6	2	90.3	10	1718.0	-	
7	1	74.5	16	-	-	
8	3	56.9	17	1646.0	1756.0	
9	2	96.5	17	1034.0	-	
10	2	63.8	12	1603.0	-	
11	1	95.7	14	-	-	
12	2	59.0	15	1881.0	-	

Table 56 - HT 40 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 (s)
1	2	62.0	18	1822.0	-	0.133157
2	2	55.7	11	1184.0	-	1.497498
3	1	95.8	6	-	-	2.034159
4	2	72.0	11	1371.0	-	2.939425
5	2	79.7	17	1306.0	-	3.803692
6	3	91.3	8	1061.0	1878.0	4.670221
7	3	98.5	16	1118.0	1586.0	5.028282
8	3	71.8	9	1658.0	1780.0	5.769233
9	2	69.9	6	1845.0	-	6.913769
10	2	71.3	6	1898.0	-	7.354384
11	1	95.5	6	-	-	8.368825
12	2	89.4	13	1900.0	-	9.352712
13	2	95.9	12	1738.0	-	9.884313
14	3	83.9	12	1109.0	1128.0	11.171169
15	2	57.7	9	1972.0	-	11.733771

Table 57 - HT 40 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 (s)
1	3	51.6	15	1875.0	1482.0	0.641267
2	1	56.5	9	-	-	1.107544
3	2	53.0	6	1166.0	-	1.677329
4	3	81.8	12	1842.0	1386.0	2.934182
5	2	52.0	20	1746.0	-	3.751707
6	2	98.9	9	1764.0	-	4.036527
7	1	53.3	8	-	-	5.048145
8	2	50.9	10	1491.0	-	6.070727
9	3	76.0	13	1519.0	1333.0	6.381238
10	1	93.0	15	-	-	7.127392
11	2	90.0	13	1964.0	-	7.880797
12	2	51.0	5	1688.0	-	8.575385
13	2	68.1	17	1197.0	-	9.107934
14	2	87.9	9	1080.0	-	10.411395
15	2	71.0	18	1059.0	-	10.943883
16	2	81.6	11	1846.0	-	11.389364

Table 58 - HT 40 Long Sequence Waveform Trial#8 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.0	13	-	-	0.167168
2	2	72.5	11	1110.0	-	1.286129
3	1	51.4	20	-	-	1.532344
4	1	74.2	7	-	-	2.735046
5	2	85.8	16	1701.0	-	3.34331
6	2	96.4	6	1758.0	-	3.747424
7	3	73.9	19	1739.0	1009.0	4.121008
8	3	93.5	13	1507.0	1786.0	5.1222
9	2	86.7	16	1663.0	-	5.935952
10	3	63.3	10	1568.0	1970.0	6.486069
11	2	82.7	18	1151.0	-	7.409707
12	2	89.1	15	1505.0	-	7.876393
13	2	98.2	8	1554.0	-	8.618903
14	2	76.1	8	1945.0	-	9.122783
15	2	57.3	10	1474.0	-	9.683951
16	3	70.2	13	1663.0	1579.0	10.367071
17	1	88.0	15	-	-	11.050998
18	1	57.5	7	-	-	11.751222

Table 59 - HT 40 Long Sequence Waveform Trial#9 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	69.2	7	-	-	0.447985
2	2	52.1	6	1948.0	-	1.255654
3	1	95.5	6	-	-	1.759869
4	2	53.8	16	1735.0	-	2.503441
5	2	84.4	16	1902.0	-	4.096291
6	1	78.4	13	-	-	4.566176
7	1	53.1	14	-	-	5.111045
8	2	94.3	9	1726.0	-	6.06442
9	2	86.4	8	1313.0	-	6.566167
10	1	58.0	10	-	-	7.506311
11	2	95.9	10	1591.0	-	8.685192
12	1	85.7	9	-	-	9.333929
13	2	97.5	18	1840.0	-	10.1389
14	1	55.0	17	-	-	10.951843
15	1	93.3	16	-	-	11.618253

Table 60 - HT 40 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 (s)
1	2	54.9	9	1309.0	-	0.436807
2	2	86.2	6	1385.0	-	1.466792
3	2	79.2	7	1076.0	-	2.885398
4	2	84.8	9	1231.0	-	3.870347
5	3	62.4	8	1737.0	1902.0	4.807225
6	2	99.3	14	1409.0	-	5.561792
7	2	50.3	12	1771.0	-	6.882026
8	3	76.7	16	1803.0	1181.0	7.676362
9	2	81.7	12	1172.0	-	8.787667
10	1	80.8	8	-	-	9.189416
11	3	55.6	5	1738.0	1135.0	10.255592

Table 60 - HT 40 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 (s)
12	2	58.5	18	1911.0	-	11.11617

Table 61 - HT 40 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 (s)
1	2	53.0	7	1712.0	-	1.090419
2	2	80.5	17	1549.0	-	1.950639
3	3	51.1	13	1218.0	1170.0	3.06858
4	2	93.5	17	1889.0	-	3.366266
5	2	54.5	9	1026.0	-	4.144575
6	2	97.4	15	1933.0	-	5.367482
7	1	63.3	6	-	-	6.126675
8	3	56.4	6	1049.0	1988.0	7.455992
9	1	77.6	8	-	-	8.228846
10	2	52.4	16	1040.0	-	9.651127
11	3	54.4	6	1258.0	1312.0	10.951243
12	2	65.4	7	1083.0	-	11.917164

Table 62 - HT 40 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 (s)
1	2	97.4	11	1493.0	-	0.49306
2	1	94.5	19	-	-	1.231673
3	2	93.8	11	1113.0	-	1.990397
4	2	92.0	9	1330.0	-	2.127976
5	3	60.4	20	1578.0	1407.0	3.087388
6	2	82.9	5	1776.0	-	3.736598
7	3	56.4	16	1521.0	1199.0	4.020495
8	2	73.9	6	1279.0	-	4.721345
9	2	51.1	9	1757.0	-	5.739529
10	3	68.5	12	1274.0	1261.0	6.046517
11	2	85.8	14	1127.0	-	6.883636
12	3	91.9	11	1050.0	1325.0	7.15091
13	1	84.5	17	-	-	7.701546
14	2	61.2	19	1382.0	-	8.745791
15	2	97.1	14	1597.0	-	9.02735
16	3	70.6	6	1003.0	1666.0	9.706344
17	2	59.2	6	1716.0	-	10.793626
18	3	60.6	9	1516.0	1577.0	10.927592
19	2	52.8	11	1026.0	-	11.547063

Table 63 - HT 40 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 (s)
1	2	74.1	12	1242.0	-	0.415227
2	2	64.6	12	1791.0	-	1.15907
3	3	98.9	14	1661.0	1451.0	1.565026
4	2	78.6	16	1407.0	-	2.119897
5	2	80.5	19	1622.0	-	3.015488

Table 63 - HT 40 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 (s)
6	1	83.3	16	-	-	4.015088
7	2	99.7	15	1065.0	-	4.290837
8	2	68.0	10	1136.0	-	4.807349
9	1	69.3	16	-	-	6.046878
10	1	72.9	11	-	-	6.327627
11	2	93.9	7	1090.0	-	7.185293
12	2	98.5	15	1777.0	-	7.559985
13	1	91.7	11	-	-	8.635441
14	2	74.0	20	1824.0	-	9.215651
15	2	63.0	14	1106.0	-	9.501018
16	1	91.1	17	-	-	10.590354
17	2	94.7	17	1116.0	-	10.935622
18	2	51.3	8	1043.0	-	11.895505

Table 64 - HT 40 Long Sequence Waveform Trial#14 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.6	14	1296.0	-	0.479042
2	3	67.3	12	1506.0	1026.0	0.82009
3	3	83.4	17	1453.0	1810.0	1.847006
4	2	54.6	7	1892.0	-	2.167362
5	3	83.6	8	1521.0	1325.0	2.629587
6	2	97.2	17	1679.0	-	3.492184
7	1	85.2	18	-	-	3.803765
8	1	64.9	7	-	-	4.356567
9	2	50.8	6	1835.0	-	5.425425
10	2	77.2	7	1478.0	-	5.828856
11	1	72.4	19	-	-	6.377755
12	2	63.3	5	1640.0	-	7.047102
13	1	64.6	17	-	-	7.380689
14	1	86.2	15	-	-	8.485937
15	2	79.2	17	1012.0	-	8.738188
16	2	96.0	5	1702.0	-	9.54431
17	1	82.2	15	-	-	9.928193
18	2	97.8	20	1623.0	-	10.676084
19	2	88.7	20	1144.0	-	11.091657
20	2	96.5	10	1590.0	-	11.933529

Table 65 - HT 40 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 (s)
1	2	79.9	12	1620.0	-	0.301712
2	1	96.2	7	-	-	1.541347
3	2	74.4	10	1418.0	-	3.181545
4	2	79.9	7	1218.0	-	3.408475
5	2	61.2	10	1949.0	-	4.648505
6	3	91.4	7	1142.0	1892.0	6.392252
7	2	56.7	8	1495.0	-	7.530761
8	2	66.0	5	1523.0	-	8.747908
9	1	61.4	15	-	-	9.063233

Table 65 - HT 40 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 (s)
10	2	63.4	8	1107.0	-	10.219263
11	3	56.8	19	1345.0		11.355961

Table 66 - HT 40 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 (s)
1	2	58.8	10	1568.0	-	0.740411
2	3	98.9	16	1083.0	1555.0	1.21835
3	2	63.8	10	1632.0	-	2.444495
4	3	95.2	13	1259.0	1277.0	2.784042
5	3	81.1	16	1718.0	1974.0	3.928379
6	3	52.9	11	1382.0	1714.0	4.656907
7	2	88.6	12	1282.0	-	5.246223
8	1	93.0	17	-	-	5.983344
9	2	52.3	20	1966.0	-	7.193286
10	3	51.8	15	1072.0	1901.0	7.573705
11	2	85.7	5	1913.0	-	8.720271
12	1	70.2	14	-	-	9.456744
13	1	60.0	7	-	-	10.49169
14	1	67.6	17	-	-	10.974414
15	3	89.9	10	1593.0	1905.0	11.495445

Table 67 - HT 40 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 (s)
1	1	83.8	12	-	-	0.834499
2	1	60.9	10	-	-	1.687411
3	3	70.5	12	1471.0	1421.0	2.807051
4	2	61.4	6	1388.0	-	4.378662
5	1	66.6	11	-	-	6.0705
6	2	58.3	9	1409.0	-	6.426454
7	2	66.9	13	1366.0	-	8.492179
8	2	53.1	13	1212.0	-	9.152806
9	2	85.9	10	1017.0	-	10.892896
10	2	52.5	7	1286.0	-	11.624445

Table 68 - HT 40 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 (s)
1	2	65.2	19	1760.0	-	0.14249
2	2	95.0	7	1038.0	-	1.839514
3	2	74.6	11	1665.0	-	2.157058
4	2	67.2	17	1414.0	-	3.280418
5	2	93.9	19	1629.0	-	3.927573
6	1	59.8	13	-	-	5.454122
7	1	56.4	11	-	-	5.737379
8	2	82.3	17	1924.0	-	6.737373
9	2	76.0	16	1719.0	-	7.668795
10	2	96.3	19	1477.0	-	8.422853

Table 68 - HT 40 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 (s)
11	2	52.6	8	1196.0	-	9.482533
12	2	95.9	18	1251.0	-	10.386912
13	2	72.0	9	1920.0		11.871735

Table 69 - HT 40 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 (s)
1	3	86.2	9	1222.0	1729.0	0.480783
2	2	70.0	9	1700.0	-	1.03846
3	1	98.2	13	-	-	1.843374
4	3	88.3	15	1156.0	1420.0	2.868254
5	1	99.3	10	-	-	3.423253
6	3	73.2	7	1584.0	1425.0	4.411796
7	3	76.6	9	1090.0	1322.0	5.209149
8	1	52.7	12	-	-	6.075232
9	2	65.7	11	1194.0	-	6.529505
10	1	56.5	5	-	-	7.158717
11	2	92.0	18	1342.0	-	7.760083
12	3	72.2	14	1530.0	1618.0	8.649237
13	3	76.3	11	1380.0	1809.0	9.59119
14	2	89.4	15	1292.0	-	10.346089
15	2	92.3	11	1788.0	-	10.764044
16	2	75.4	9	1905.0	-	11.407431

Table 70 - HT 40 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 (s)
1	3	92.2	14	1516.0	1877.0	0.111357
2	2	90.9	6	1088.0	-	1.068601
3	1	91.3	7	-	-	1.966171
4	2	90.1	10	1962.0	-	2.890479
5	2	54.3	16	1253.0	-	3.437447
6	1	88.8	8	-	-	4.488503
7	1	53.8	15	-	-	5.169701
8	3	71.7	7	1618.0	1436.0	5.909329
9	1	64.3	18	-	-	6.806108
10	2	95.3	14	1335.0	-	7.879096
11	2	51.4	15	1120.0	-	8.881721
12	2	53.0	16	1239.0	-	9.18399
13	2	66.1	8	1852.0	-	9.995652
14	2	99.7	18	1343.0	-	10.803041
15	1	51.1	15	-	-	11.477945

Table 71 - HT 40 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 (s)
1	1	79.9	9	-	-	0.891883
2	1	90.5	9	-	-	1.80617
3	3	93.9	7	1845.0	1252.0	2.572199

Table 71 - HT 40 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 (s)
4	3	51.1	6	1472.0	1431.0	3.430348
5	2	72.3	17	1787.0	-	4.443891
6	2	54.0	6	1967.0	-	5.206723
7	3	96.2	12	1546.0	1901.0	5.762511
8	2	93.8	9	1481.0	-	7.386287
9	2	87.4	13	1532.0	-	7.685771
10	1	79.3	6	-	-	8.503462
11	2	55.9	11	1559.0	-	9.371501
12	2	60.2	17	1986.0	-	10.762736
13	2	81.5	7	1639.0	-	11.858879

Table 72 - HT 40 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 (s)
1	2	78.7	18	1987.0	-	0.140378
2	2	57.3	20	1866.0	-	2.282314
3	3	62.8	10	1028.0	1507.0	3.413114
4	1	79.2	15	-	-	4.727797
5	3	77.7	9	1309.0	1629.0	5.441807
6	2	95.1	12	1871.0	-	6.352018
7	2	96.6	14	1426.0	-	7.755395
8	2	63.4	16	1780.0	-	9.220769
9	1	92.9	20	-	-	10.637825
10	2	82.1	16	1262.0	-	12.091055

Table 73 - HT 40 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 (s)
1	2	72.6	5	1942.0	-	0.290434
2	3	82.6	19	1862.0	1955.0	1.385052
3	2	58.4	11	1585.0	-	2.444647
4	2	70.8	7	1180.0	-	3.017434
5	2	79.9	14	1270.0	-	3.869755
6	1	97.0	18	-	-	4.813556
7	2	50.4	11	1132.0	-	4.956644
8	3	76.1	7	1785.0	1782.0	6.103979
9	1	81.4	7	-	-	6.633504
10	1	61.0	14	-	-	7.966884
11	1	88.1	7	-	-	8.323503
12	2	91.2	11	1523.0	-	9.299183
13	2	82.4	6	1687.0	-	10.13855
14	2	61.5	17	1877.0	-	10.603239
15	1	97.0	8	-	-	11.458064

Table 74 - HT 40 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 (s)
1	3	57.4	5	1335.0	1366.0	0.801049
2	1	95.8	12	-	-	1.645978

Table 74 - HT 40 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 (s)
3	2	79.4	17	1070.0	-	3.81901
4	2	53.2	12	1904.0	-	5.504733
5	2	58.9	12	1628.0	-	7.569327
6	1	79.6	7	-	-	8.744104
7	2	61.5	11	1219.0	-	10.133278
8	2	77.5	13	1381.0	-	10.94928

Table 75 - HT 40 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 (s)
1	2	55.7	15	1441.0	-	0.274129
2	1	84.1	12	-	-	1.200214
3	1	69.6	18	-	-	2.469315
4	1	57.2	15	-	-	3.140609
5	3	69.4	12	1703.0	1171.0	4.816799
6	1	54.3	9	-	-	5.234853
7	2	81.8	6	1820.0	-	6.75167
8	1	56.3	9	-	-	7.50728
9	2	82.8	11	1673.0	-	8.307303
10	1	79.8	5	-	-	9.211363
11	1	55.9	8	-	-	10.50787
12	1	62.2	17	-	-	11.720843

Table 76 - HT 40 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 (s)
1	2	61.6	14	1794.0	-	0.187684
2	3	77.9	14	1643.0	1837.0	1.29381
3	2	70.4	7	1330.0	-	2.629382
4	2	90.1	13	1436.0	-	3.03437
5	2	67.9	6	1251.0	-	3.84956
6	2	97.6	18	1233.0	-	5.358701
7	1	67.7	15	-	-	5.666539
8	1	63.0	18	-	-	7.411298
9	2	61.5	6	1094.0	-	8.405484
10	2	80.6	7	1868.0	-	8.410792
11	3	93.2	19	1074.0	1466.0	9.567282
12	1	65.2	18	-	-	10.785583
13	1	83.3	11	-	-	11.228474

Table 77 - HT 40 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 (s)
1	2	93.8	7	1641.0	-	0.108282
2	2	53.7	19	1887.0	-	1.940449
3	2	83.6	14	1157.0	-	2.335593
4	3	65.6	18	1739.0	1976.0	4.056027
5	2	85.6	15	1159.0	-	5.094412
6	2	58.1	8	1203.0	-	6.034156

Table 77 - HT 40 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 (s)
7	2	60.2	14	1130.0	-	7.530815
8	2	87.8	7	1850.0	-	8.060025
9	2	94.1	12	1114.0	-	8.87637
10	1	83.0	6	-	-	10.917869
11	1	94.3	6	-	-	11.602697

Table 78 - HT 40 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 (s)
1	3	59.1	19	1495.0	1609.0	0.470033
2	1	56.2	10	-	-	1.982181
3	2	53.6	19	1920.0	-	3.22686
4	3	52.4	8	1442.0	1498.0	4.67316
5	2	96.7	6	1219.0	-	6.351568
6	2	97.3	11	1365.0	-	7.999063
7	1	78.4	9	-	-	9.332745
8	3	89.7	11	1171.0	1166.0	10.232155
9	1	84.5	15	-	-	11.062225

Table 79 - HT 40 Long Sequence Waveform Trial#29 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.5	11	1332.0	-	0.898106
2	2	75.1	17	1761.0	-	1.280082
3	3	92.7	9	1950.0	1876.0	2.381872
4	2	94.8	14	1133.0	-	3.573388
5	2	59.4	11	1691.0	-	5.057378
6	1	52.4	19	-	-	6.636609
7	2	92.4	6	1638.0	-	6.723779
8	2	82.0	17	1553.0	-	7.759364
9	1	69.1	14	-	-	9.569257
10	1	54.2	18	-	-	10.209856
11	2	75.6	6	1726.0	-	11.491562

Table 80 - HT 40 Long Sequence Waveform Trial#30 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	56.7	10	1556.0	-	0.659881
2	3	72.0	11	1047.0	1970.0	1.337953
3	1	91.0	9	-	-	2.650236
4	2	64.9	16	1373.0	-	3.513385
5	2	61.2	8	1288.0	-	3.933688
6	2	67.8	10	1906.0	-	4.676206
7	2	97.3	9	1343.0	-	5.650533
8	1	70.4	15	-	-	6.228484
9	3	71.4	19	1894.0	1991.0	7.260619
10	2	50.3	18	1767.0	-	8.281583
11	2	75.2	6	1449.0	-	8.803856
12	3	51.5	12	1244.0	1228.0	10.302075

Table 80 - HT 40 Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
13	3	83.2	15	1439.0	1150.0	10.963573
14	2	83.6	10	1958.0	-	11.320073

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5569.0MHz, -64.0dBm	Hop sequence: 5721, 5689, 5661, 5412, 5480, 5699, 5511, 5305, 5493, 5442, 5576, 5369, 5611, 5377, 5315, 5387, 5625, 5438, 5353, 5252, 5366, 5490, 5298, 5596, 5608, 5552, 5381, 5536, 5717, 5388, 5529, 5653, 5368, 5494, 5629, 5352, 5496, 5450, 5408, 5617, 5452, 5600, 5404, 5570, 5270, 5272, 5589, 5424, 5395, 5432, 5505, 5467, 5446, 5597, 5286, 5427, 5470, 5378, 5275, 5348, 5443, 5497, 5683, 5472, 5654, 5384, 5399, 5332, 5463, 5355, 5701, 5707, 5253, 5337, 5595, 5694, 5687, 5714, 5279, 5303, 5302, 5328, 5258, 5473, 5517, 5541, 5640, 5460, 5626, 5325, 5507, 5531, 5722, 5326, 5601, 5264, 5471, 5664, 5569, 5281 (6 hits) (03/26/2013 08:16:46 PM)
2	9	1.0	333.0	Yes	5570.0MHz, -64.0dBm	Hop sequence: 5481, 5408, 5300, 5627, 5500, 5282, 5591, 5273, 5603, 5712, 5513, 5668, 5702, 5352, 5681, 5431, 5563, 5535, 5602, 5650, 5635, 5389, 5377, 5653, 5338, 5647, 5471, 5269, 5711, 5621, 5259, 5316, 5545, 5639, 5498, 5434, 5262, 5362, 5581, 5412, 5345, 5458, 5688, 5598, 5634, 5350, 5636, 5716, 5557, 5539, 5265, 5590, 5374, 5410, 5624, 5401, 5312, 5255, 5260, 5439, 5490, 5700, 5599, 5619, 5503, 5258, 5354, 5703, 5372, 5532, 5556, 5333, 5277, 5348, 5493, 5435, 5438, 5293, 5704, 5578, 5464, 5669, 5278, 5426, 5630, 5319, 5457, 5593, 5251, 5329, 5343, 5533, 5678, 5257, 5570, 5604, 5296, 5318, 5349, 5680 (9 hits) (03/26/2013 08:17:26 PM)
3	9	1.0	333.0	Yes	5530.0MHz, -64.0dBm	Hop sequence: 5381, 5650, 5475, 5396, 5678, 5546, 5340, 5282, 5491, 5455, 5482, 5701, 5562, 5508, 5694, 5673, 5260, 5622, 5289, 5457, 5293, 5474, 5505, 5291, 5507, 5253, 5404, 5501, 5386, 5665, 5574, 5364, 5659, 5309, 5644, 5591, 5374, 5509, 5280, 5498, 5499, 5616, 5360, 5356, 5575, 5321, 5316, 5392,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5709, 5365, 5489, 5428, 5542, 5257, 5675, 5720, 5411, 5688, 5586, 5560, 5693, 5578, 5716, 5318, 5496, 5487, 5718, 5725, 5679, 5573, 5511, 5594, 5724, 5451, 5531, 5518, 5476, 5583, 5598, 5329, 5464, 5279, 5561, 5382, 5371, 5541, 5660, 5296, 5553, 5311, 5596, 5711, 5308, 5390, 5399, 5326, 5333, 5577, 5263, 5277 (8 hits) (03/26/2013 08:17:39 PM)
4	9	1.0	333.0	Yes	5531.0MHz, -64.0dBm	Hop sequence: 5697, 5591, 5599, 5434, 5560, 5691, 5587, 5353, 5723, 5576, 5690, 5685, 5706, 5626, 5595, 5681, 5426, 5613, 5479, 5602, 5614, 5302, 5435, 5504, 5389, 5694, 5265, 5385, 5687, 5645, 5464, 5584, 5251, 5411, 5412, 5678, 5413, 5552, 5646, 5616, 5561, 5406, 5449, 5671, 5408, 5379, 5492, 5344, 5600, 5381, 5285, 5470, 5711, 5460, 5655, 5501, 5696, 5467, 5289, 5291, 5652, 5668, 5371, 5398, 5674, 5439, 5719, 5361, 5547, 5630, 5589, 5357, 5582, 5571, 5496, 5420, 5305, 5368, 5686, 5260, 5520, 5395, 5534, 5585, 5523, 5554, 5538, 5541, 5660, 5396, 5513, 5292, 5531, 5279, 5454, 5352, 5325, 5675, 5654, 5367 (9 hits) (03/26/2013 08:17:56 PM)
5	9	1.0	333.0	Yes	5532.0MHz, -64.0dBm	Hop sequence: 5632, 5295, 5662, 5267, 5510, 5273, 5568, 5532, 5303, 5581, 5563, 5680, 5409, 5292, 5432, 5657, 5561, 5379, 5719, 5344, 5452, 5467, 5708, 5327, 5666, 5698, 5437, 5558, 5507, 5559, 5364, 5361, 5496, 5449, 5607, 5434, 5392, 5509, 5410, 5298, 5706, 5374, 5281, 5471, 5325, 5519, 5423, 5600, 5323, 5404, 5556, 5310, 5579, 5697, 5597, 5513, 5580, 5521, 5268, 5648, 5445, 5470, 5469, 5454, 5703, 5552, 5343, 5589, 5592, 5399, 5547, 5640, 5274, 5358, 5604, 5305, 5313, 5649, 5518, 5536, 5656, 5661, 5715, 5440, 5314, 5523, 5294, 5424, 5492, 5676, 5670, 5368, 5634, 5253, 5286, 5329, 5626, 5413, 5403, 5408 (10 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:36:45 PM)
6	9	1.0	333.0	Yes	5533.0MHz, -64.0dBm	Hop sequence: 5344, 5440, 5469, 5490, 5715, 5373, 5591, 5290, 5385, 5630, 5588, 5509, 5495, 5334, 5677, 5392, 5475, 5585, 5369, 5665, 5689, 5678, 5448, 5649, 5255, 5686, 5361, 5356, 5315, 5379, 5565, 5647, 5653, 5341, 5374, 5690, 5595, 5581, 5363, 5549, 5366, 5489, 5360, 5606, 5335, 5528, 5596, 5254, 5544, 5326, 5646, 5716, 5576, 5521, 5312, 5405, 5274, 5612, 5471, 5429, 5577, 5592, 5286, 5556, 5372, 5449, 5578, 5262, 5543, 5616, 5313, 5569, 5293, 5412, 5515, 5579, 5478, 5397, 5393, 5401, 5648, 5428, 5626, 5481, 5662, 5621, 5714, 5531, 5492, 5493, 5289, 5458, 5447, 5636, 5427, 5253, 5682, 5548, 5331, 5343 (9 hits) (03/26/2013 08:37:00 PM)
7	9	1.0	333.0	Yes	5534.0MHz, -64.0dBm	Hop sequence: 5679, 5398, 5674, 5715, 5537, 5630, 5499, 5369, 5334, 5446, 5693, 5395, 5261, 5374, 5484, 5377, 5521, 5281, 5372, 5539, 5705, 5437, 5592, 5554, 5507, 5393, 5496, 5288, 5528, 5698, 5594, 5453, 5262, 5531, 5641, 5264, 5363, 5403, 5337, 5432, 5461, 5333, 5270, 5703, 5526, 5289, 5361, 5317, 5583, 5388, 5356, 5669, 5689, 5389, 5633, 5405, 5258, 5513, 5515, 5607, 5321, 5613, 5545, 5529, 5272, 5538, 5429, 5652, 5718, 5292, 5571, 5595, 5480, 5700, 5500, 5481, 5504, 5427, 5567, 5712, 5488, 5380, 5297, 5302, 5622, 5419, 5534, 5640, 5564, 5664, 5324, 5293, 5627, 5343, 5485, 5647, 5687, 5260, 5625, 5271 (4 hits) (03/26/2013 08:37:13 PM)
8	9	1.0	333.0	Yes	5535.0MHz, -64.0dBm	Hop sequence: 5674, 5356, 5422, 5415, 5364, 5256, 5290, 5270, 5464, 5693, 5496, 5667, 5682, 5388, 5539, 5462, 5638, 5534, 5458, 5321, 5386, 5326, 5510, 5308, 5272, 5318, 5320, 5509, 5399, 5502, 5550, 5439, 5577, 5614, 5635, 5424, 5576, 5296, 5488, 5331, 5673, 5428, 5500, 5467, 5328, 5556, 5265, 5392,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5567, 5540, 5583, 5332, 5337, 5305, 5421, 5722, 5690, 5653, 5310, 5297, 5418, 5626, 5340, 5450, 5519, 5280, 5511, 5494, 5636, 5291, 5579, 5416, 5447, 5463, 5602, 5329, 5352, 5692, 5269, 5365, 5605, 5610, 5624, 5651, 5568, 5607, 5279, 5357, 5363, 5268, 5344, 5252, 5517, 5285, 5713, 5334, 5622, 5448, 5433, 5528 (11 hits) (03/26/2013 08:37:31 PM)
9	9	1.0	333.0	Yes	5536.0MHz, -64.0dBm	Hop sequence: 5547, 5609, 5649, 5558, 5692, 5699, 5259, 5634, 5427, 5515, 5452, 5273, 5336, 5368, 5566, 5642, 5486, 5535, 5342, 5614, 5394, 5313, 5685, 5484, 5366, 5318, 5665, 5640, 5701, 5628, 5641, 5673, 5691, 5266, 5346, 5661, 5714, 5454, 5538, 5475, 5610, 5584, 5567, 5340, 5646, 5523, 5461, 5343, 5603, 5521, 5459, 5684, 5591, 5557, 5466, 5458, 5662, 5429, 5365, 5545, 5532, 5653, 5543, 5500, 5271, 5398, 5520, 5668, 5464, 5608, 5327, 5524, 5554, 5658, 5379, 5647, 5450, 5712, 5267, 5355, 5650, 5713, 5697, 5479, 5613, 5284, 5264, 5294, 5276, 5315, 5577, 5448, 5676, 5481, 5392, 5345, 5410, 5378, 5495, 5393 (9 hits) (03/26/2013 08:37:51 PM)
10	9	1.0	333.0	Yes	5537.0MHz, -64.0dBm	Hop sequence: 5500, 5461, 5551, 5715, 5617, 5489, 5649, 5505, 5726, 5417, 5312, 5585, 5547, 5511, 5524, 5254, 5412, 5597, 5386, 5288, 5267, 5319, 5560, 5464, 5473, 5555, 5712, 5456, 5515, 5303, 5436, 5647, 5379, 5581, 5493, 5311, 5612, 5545, 5618, 5632, 5364, 5338, 5460, 5281, 5299, 5611, 5528, 5698, 5665, 5257, 5683, 5330, 5346, 5418, 5427, 5608, 5314, 5708, 5664, 5562, 5368, 5465, 5333, 5457, 5282, 5352, 5509, 5310, 5717, 5541, 5355, 5440, 5522, 5252, 5350, 5716, 5702, 5651, 5446, 5292, 5566, 5486, 5613, 5280, 5497, 5703, 5284, 5595, 5387, 5477, 5675, 5679, 5394, 5428, 5714, 5393, 5354, 5705, 5332, 5583 (9 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:38:16 PM)
11	9	1.0	333.0	Yes	5538.0MHz, -64.0dBm	Hop sequence: 5257, 5651, 5339, 5288, 5621, 5367, 5450, 5451, 5255, 5432, 5388, 5500, 5327, 5606, 5639, 5278, 5682, 5261, 5260, 5678, 5520, 5593, 5250, 5532, 5583, 5632, 5389, 5696, 5624, 5427, 5612, 5679, 5320, 5672, 5348, 5664, 5540, 5464, 5647, 5408, 5661, 5517, 5360, 5496, 5373, 5311, 5589, 5702, 5391, 5576, 5562, 5458, 5669, 5372, 5637, 5445, 5269, 5439, 5374, 5518, 5723, 5628, 5634, 5631, 5626, 5595, 5508, 5316, 5654, 5701, 5253, 5600, 5564, 5340, 5476, 5715, 5588, 5426, 5271, 5716, 5308, 5313, 5640, 5382, 5328, 5571, 5582, 5275, 5557, 5455, 5670, 5717, 5385, 5256, 5687, 5441, 5683, 5473, 5505, 5477 (13 hits) (03/26/2013 08:38:29 PM)
12	9	1.0	333.0	Yes	5539.0MHz, -64.0dBm	Hop sequence: 5428, 5259, 5287, 5266, 5362, 5401, 5403, 5654, 5565, 5677, 5258, 5475, 5469, 5467, 5477, 5445, 5559, 5627, 5326, 5451, 5518, 5574, 5665, 5514, 5332, 5374, 5364, 5398, 5679, 5322, 5278, 5471, 5269, 5692, 5604, 5320, 5253, 5534, 5505, 5584, 5628, 5317, 5619, 5610, 5472, 5553, 5515, 5523, 5379, 5279, 5341, 5691, 5348, 5511, 5690, 5498, 5643, 5598, 5547, 5413, 5280, 5533, 5308, 5452, 5722, 5424, 5402, 5489, 5680, 5550, 5314, 5408, 5251, 5454, 5555, 5470, 5378, 5645, 5414, 5558, 5639, 5524, 5343, 5520, 5632, 5296, 5564, 5703, 5666, 5521, 5526, 5545, 5406, 5268, 5714, 5633, 5635, 5663, 5288, 5638 (11 hits) (03/26/2013 08:38:44 PM)
13	9	1.0	333.0	Yes	5540.0MHz, -64.0dBm	Hop sequence: 5357, 5540, 5379, 5339, 5343, 5277, 5306, 5626, 5484, 5267, 5482, 5718, 5331, 5499, 5352, 5703, 5643, 5675, 5657, 5351, 5580, 5584, 5556, 5407, 5525, 5625, 5261, 5520, 5302, 5587, 5375, 5345, 5581, 5526, 5697, 5400, 5311, 5434, 5485, 5494, 5637, 5578, 5372, 5337, 5665, 5700, 5395, 5312,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5683, 5698, 5492, 5439, 5524, 5396, 5527, 5693, 5469, 5338, 5489, 5316, 5709, 5390, 5690, 5632, 5260, 5568, 5635, 5273, 5251, 5254, 5411, 5593, 5694, 5505, 5506, 5459, 5707, 5549, 5487, 5691, 5620, 5381, 5269, 5417, 5673, 5336, 5705, 5350, 5449, 5536, 5609, 5532, 5613, 5687, 5725, 5320, 5391, 5570, 5721, 5553 (9 hits) (03/26/2013 08:39:01 PM)
14	9	1.0	333.0	Yes	5541.0MHz, -64.0dBm	Hop sequence: 5668, 5304, 5542, 5382, 5388, 5663, 5687, 5495, 5327, 5654, 5713, 5424, 5645, 5504, 5432, 5383, 5321, 5251, 5711, 5341, 5430, 5624, 5653, 5438, 5307, 5587, 5286, 5553, 5650, 5389, 5703, 5450, 5296, 5415, 5644, 5306, 5352, 5331, 5268, 5506, 5436, 5503, 5420, 5358, 5615, 5675, 5395, 5510, 5317, 5401, 5476, 5462, 5269, 5413, 5377, 5680, 5721, 5601, 5481, 5485, 5622, 5677, 5309, 5421, 5704, 5509, 5272, 5487, 5445, 5724, 5469, 5252, 5609, 5656, 5396, 5425, 5640, 5339, 5612, 5562, 5660, 5545, 5502, 5287, 5585, 5291, 5456, 5688, 5610, 5336, 5565, 5697, 5422, 5276, 5474, 5253, 5340, 5285, 5486, 5717 (12 hits) (03/26/2013 08:39:24 PM)
15	9	1.0	333.0	Yes	5542.0MHz, -64.0dBm	Hop sequence: 5553, 5529, 5663, 5505, 5613, 5532, 5667, 5666, 5427, 5523, 5583, 5643, 5707, 5281, 5450, 5514, 5347, 5453, 5516, 5592, 5310, 5522, 5550, 5539, 5513, 5459, 5370, 5542, 5685, 5375, 5332, 5344, 5587, 5341, 5507, 5593, 5672, 5517, 5390, 5697, 5673, 5253, 5326, 5482, 5304, 5681, 5454, 5395, 5668, 5409, 5377, 5622, 5535, 5335, 5692, 5703, 5512, 5716, 5725, 5471, 5262, 5421, 5394, 5596, 5373, 5296, 5432, 5490, 5695, 5544, 5603, 5606, 5287, 5321, 5547, 5576, 5430, 5330, 5464, 5676, 5418, 5683, 5641, 5497, 5678, 5425, 5564, 5461, 5680, 5499, 5508, 5684, 5546, 5405, 5379, 5400, 5396, 5263, 5257, 5621 (8 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:39:37 PM)
16	9	1.0	333.0	Yes	5543.0MHz, -64.0dBm	Hop sequence: 5350, 5333, 5549, 5343, 5609, 5362, 5560, 5692, 5527, 5515, 5644, 5359, 5404, 5552, 5470, 5293, 5612, 5255, 5663, 5553, 5496, 5537, 5615, 5652, 5629, 5712, 5323, 5468, 5402, 5340, 5528, 5449, 5403, 5533, 5526, 5493, 5666, 5443, 5613, 5693, 5357, 5696, 5620, 5637, 5522, 5298, 5336, 5257, 5555, 5592, 5619, 5682, 5482, 5570, 5672, 5651, 5501, 5314, 5445, 5262, 5397, 5277, 5452, 5722, 5503, 5342, 5446, 5346, 5497, 5598, 5387, 5575, 5639, 5393, 5408, 5381, 5669, 5318, 5310, 5431, 5715, 5349, 5642, 5636, 5424, 5341, 5513, 5591, 5281, 5440, 5450, 5414, 5514, 5671, 5500, 5288, 5344, 5278, 5252, 5664 (12 hits) (03/26/2013 08:39:50 PM)
17	9	1.0	333.0	Yes	5544.0MHz, -64.0dBm	Hop sequence: 5697, 5285, 5279, 5476, 5493, 5684, 5702, 5665, 5276, 5424, 5485, 5705, 5634, 5371, 5615, 5722, 5621, 5453, 5288, 5596, 5474, 5669, 5536, 5498, 5660, 5272, 5712, 5319, 5497, 5549, 5295, 5436, 5459, 5595, 5327, 5394, 5564, 5619, 5471, 5567, 5395, 5569, 5262, 5353, 5653, 5571, 5338, 5298, 5685, 5555, 5617, 5448, 5397, 5654, 5591, 5503, 5458, 5644, 5328, 5494, 5292, 5585, 5576, 5373, 5627, 5588, 5444, 5434, 5367, 5252, 5326, 5457, 5546, 5559, 5260, 5388, 5293, 5314, 5580, 5639, 5489, 5467, 5566, 5625, 5385, 5325, 5522, 5401, 5362, 5586, 5604, 5607, 5518, 5355, 5306, 5426, 5718, 5719, 5461, 5427 (10 hits) (03/26/2013 08:40:07 PM)
18	9	1.0	333.0	Yes	5545.0MHz, -64.0dBm	Hop sequence: 5426, 5498, 5575, 5489, 5365, 5434, 5451, 5603, 5483, 5510, 5433, 5709, 5608, 5618, 5584, 5389, 5715, 5617, 5692, 5619, 5568, 5658, 5317, 5335, 5392, 5501, 5547, 5403, 5304, 5696, 5513, 5313, 5557, 5560, 5624, 5459, 5404, 5487, 5326, 5314, 5525, 5718, 5664, 5604, 5391, 5359, 5595, 5508,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5330, 5610, 5690, 5491, 5324, 5488, 5406, 5409, 5697, 5370, 5423, 5543, 5502, 5441, 5340, 5293, 5416, 5467, 5450, 5592, 5398, 5551, 5691, 5281, 5272, 5644, 5656, 5411, 5673, 5352, 5394, 5332, 5252, 5594, 5634, 5396, 5582, 5712, 5449, 5325, 5388, 5705, 5687, 5318, 5504, 5474, 5312, 5676, 5642, 5457, 5427, 5412 (10 hits) (03/26/2013 08:40:20 PM)
19	9	1.0	333.0	Yes	5546.0MHz, -64.0dBm	Hop sequence: 5597, 5420, 5699, 5514, 5496, 5673, 5289, 5468, 5378, 5339, 5564, 5509, 5434, 5397, 5403, 5473, 5367, 5717, 5605, 5611, 5697, 5695, 5321, 5354, 5259, 5376, 5540, 5417, 5396, 5628, 5382, 5516, 5600, 5283, 5492, 5640, 5594, 5488, 5294, 5262, 5525, 5407, 5253, 5604, 5369, 5292, 5633, 5705, 5448, 5609, 5489, 5286, 5712, 5485, 5538, 5629, 5670, 5477, 5724, 5436, 5452, 5642, 5357, 5327, 5501, 5709, 5707, 5466, 5372, 5641, 5678, 5439, 5675, 5498, 5363, 5711, 5660, 5437, 5655, 5657, 5424, 5493, 5677, 5410, 5572, 5621, 5515, 5554, 5315, 5476, 5461, 5630, 5720, 5511, 5610, 5406, 5311, 5635, 5390, 5425 (3 hits) (03/26/2013 08:40:35 PM)
20	9	1.0	333.0	Yes	5547.0MHz, -64.0dBm	Hop sequence: 5507, 5405, 5701, 5609, 5588, 5494, 5437, 5723, 5634, 5679, 5640, 5429, 5579, 5666, 5642, 5518, 5529, 5421, 5257, 5628, 5472, 5536, 5441, 5514, 5500, 5651, 5320, 5301, 5348, 5706, 5670, 5708, 5406, 5255, 5315, 5392, 5682, 5496, 5322, 5333, 5499, 5356, 5378, 5350, 5681, 5541, 5556, 5265, 5321, 5600, 5299, 5521, 5397, 5486, 5548, 5452, 5438, 5268, 5477, 5401, 5271, 5274, 5709, 5363, 5288, 5448, 5336, 5374, 5525, 5347, 5256, 5671, 5258, 5252, 5554, 5580, 5306, 5380, 5360, 5326, 5663, 5485, 5520, 5611, 5638, 5505, 5707, 5603, 5538, 5351, 5273, 5303, 5612, 5422, 5644, 5450, 5491, 5696, 5343, 5582 (4 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:40:47 PM)
21	9	1.0	333.0	Yes	5548.0MHz, -64.0dBm	Hop sequence: 5557, 5578, 5257, 5620, 5535, 5262, 5404, 5549, 5491, 5497, 5682, 5702, 5705, 5555, 5547, 5440, 5309, 5536, 5329, 5400, 5354, 5661, 5671, 5651, 5430, 5608, 5721, 5478, 5616, 5344, 5313, 5560, 5588, 5274, 5475, 5352, 5498, 5590, 5357, 5472, 5436, 5387, 5359, 5334, 5468, 5450, 5402, 5602, 5366, 5474, 5278, 5323, 5476, 5513, 5509, 5289, 5526, 5390, 5378, 5609, 5556, 5432, 5435, 5573, 5361, 5416, 5632, 5542, 5553, 5439, 5662, 5287, 5351, 5582, 5548, 5603, 5349, 5422, 5623, 5592, 5417, 5622, 5385, 5600, 5724, 5660, 5504, 5562, 5593, 5538, 5567, 5643, 5505, 5529, 5252, 5266, 5273, 5594, 5297, 5646 (10 hits) (03/26/2013 08:41:06 PM)
22	9	1.0	333.0	Yes	5549.0MHz, -64.0dBm	Hop sequence: 5477, 5394, 5439, 5601, 5284, 5536, 5387, 5335, 5560, 5336, 5561, 5429, 5307, 5721, 5329, 5493, 5713, 5252, 5649, 5253, 5261, 5479, 5349, 5615, 5486, 5709, 5622, 5380, 5583, 5699, 5290, 5460, 5523, 5540, 5389, 5457, 5681, 5505, 5572, 5370, 5513, 5469, 5657, 5495, 5378, 5310, 5326, 5276, 5342, 5464, 5706, 5563, 5448, 5660, 5431, 5444, 5691, 5475, 5262, 5517, 5491, 5614, 5352, 5565, 5390, 5544, 5451, 5453, 5701, 5678, 5424, 5597, 5470, 5708, 5672, 5611, 5500, 5717, 5564, 5296, 5634, 5607, 5435, 5418, 5554, 5653, 5314, 5629, 5496, 5468, 5603, 5428, 5300, 5350, 5323, 5711, 5271, 5662, 5562, 5506 (4 hits) (03/26/2013 08:41:24 PM)
23	9	1.0	333.0	Yes	5550.0MHz, -64.0dBm	Hop sequence: 5544, 5437, 5410, 5426, 5300, 5261, 5664, 5562, 5349, 5585, 5319, 5578, 5295, 5253, 5588, 5670, 5635, 5353, 5506, 5671, 5545, 5376, 5291, 5427, 5529, 5363, 5709, 5587, 5380, 5505, 5423, 5694, 5458, 5286, 5341, 5282, 5395, 5375, 5535, 5391, 5365, 5276, 5632, 5413, 5572, 5619, 5633, 5710,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5532, 5514, 5346, 5386, 5549, 5620, 5381, 5515, 5612, 5409, 5682, 5534, 5355, 5327, 5521, 5590, 5277, 5470, 5308, 5435, 5576, 5500, 5344, 5347, 5284, 5324, 5477, 5713, 5528, 5315, 5290, 5647, 5638, 5431, 5553, 5265, 5326, 5429, 5684, 5335, 5724, 5526, 5257, 5385, 5703, 5309, 5356, 5403, 5571, 5548, 5482, 5463 (11 hits) (03/26/2013 08:41:39 PM)
24	9	1.0	333.0	Yes	5551.0MHz, -64.0dBm	Hop sequence: 5286, 5503, 5444, 5253, 5291, 5724, 5677, 5467, 5435, 5415, 5635, 5476, 5569, 5260, 5395, 5651, 5620, 5505, 5297, 5685, 5302, 5687, 5370, 5447, 5658, 5541, 5722, 5689, 5510, 5593, 5643, 5682, 5461, 5683, 5712, 5263, 5624, 5343, 5523, 5698, 5704, 5477, 5304, 5708, 5425, 5400, 5485, 5457, 5313, 5283, 5623, 5519, 5668, 5362, 5591, 5626, 5579, 5502, 5361, 5545, 5694, 5306, 5287, 5661, 5458, 5542, 5690, 5524, 5417, 5387, 5606, 5529, 5358, 5272, 5588, 5258, 5664, 5478, 5320, 5271, 5321, 5414, 5672, 5344, 5700, 5577, 5277, 5382, 5600, 5365, 5497, 5640, 5618, 5565, 5667, 5333, 5334, 5409, 5472, 5259 (7 hits) (03/26/2013 08:41:57 PM)
25	9	1.0	333.0	Yes	5552.0MHz, -64.0dBm	Hop sequence: 5298, 5543, 5441, 5633, 5256, 5352, 5390, 5650, 5535, 5666, 5412, 5348, 5398, 5652, 5648, 5498, 5692, 5424, 5575, 5392, 5591, 5405, 5485, 5698, 5540, 5632, 5593, 5545, 5554, 5509, 5571, 5325, 5502, 5534, 5559, 5542, 5278, 5442, 5402, 5482, 5705, 5273, 5347, 5319, 5476, 5479, 5380, 5684, 5404, 5435, 5365, 5439, 5526, 5305, 5260, 5261, 5355, 5720, 5518, 5624, 5481, 5379, 5344, 5276, 5717, 5536, 5324, 5642, 5385, 5465, 5431, 5313, 5722, 5308, 5523, 5332, 5311, 5294, 5314, 5588, 5489, 5579, 5337, 5373, 5410, 5436, 5503, 5626, 5451, 5576, 5574, 5462, 5375, 5607, 5492, 5464, 5669, 5289, 5459, 5486 (7 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:42:15 PM)
26	9	1.0	333.0	Yes	5553.0MHz, -64.0dBm	Hop sequence: 5671, 5577, 5253, 5664, 5478, 5677, 5622, 5521, 5456, 5422, 5430, 5614, 5256, 5641, 5665, 5305, 5660, 5366, 5718, 5520, 5601, 5385, 5432, 5689, 5625, 5523, 5479, 5700, 5404, 5263, 5418, 5326, 5533, 5613, 5559, 5546, 5280, 5415, 5270, 5288, 5395, 5547, 5399, 5408, 5339, 5686, 5300, 5487, 5391, 5650, 5466, 5528, 5633, 5374, 5449, 5717, 5631, 5349, 5669, 5392, 5268, 5468, 5298, 5365, 5662, 5328, 5296, 5551, 5460, 5412, 5554, 5526, 5350, 5545, 5644, 5316, 5572, 5680, 5501, 5502, 5626, 5517, 5715, 5387, 5648, 5629, 5690, 5474, 5538, 5673, 5413, 5620, 5500, 5448, 5483, 5575, 5530, 5489, 5670, 5495 (12 hits) (03/26/2013 08:42:32 PM)
27	9	1.0	333.0	Yes	5554.0MHz, -64.0dBm	Hop sequence: 5350, 5456, 5533, 5690, 5321, 5560, 5287, 5566, 5515, 5486, 5484, 5323, 5430, 5392, 5384, 5674, 5428, 5687, 5600, 5367, 5562, 5622, 5289, 5298, 5334, 5441, 5507, 5535, 5618, 5352, 5498, 5663, 5726, 5719, 5610, 5605, 5569, 5487, 5318, 5525, 5360, 5694, 5410, 5400, 5461, 5282, 5613, 5650, 5642, 5257, 5381, 5478, 5724, 5460, 5328, 5532, 5623, 5480, 5531, 5551, 5347, 5286, 5721, 5345, 5294, 5688, 5571, 5556, 5414, 5479, 5398, 5319, 5378, 5251, 5383, 5678, 5578, 5495, 5725, 5608, 5594, 5405, 5607, 5290, 5689, 5563, 5374, 5355, 5712, 5444, 5346, 5438, 5470, 5654, 5427, 5434, 5437, 5264, 5574, 5717 (5 hits) (03/26/2013 08:42:45 PM)
28	9	1.0	333.0	Yes	5555.0MHz, -64.0dBm	Hop sequence: 5444, 5709, 5456, 5370, 5428, 5636, 5676, 5396, 5262, 5510, 5660, 5297, 5337, 5305, 5360, 5449, 5384, 5629, 5321, 5252, 5400, 5489, 5674, 5586, 5300, 5406, 5482, 5565, 5496, 5517, 5389, 5693, 5432, 5399, 5367, 5670, 5538, 5610, 5696, 5310, 5433, 5574, 5302, 5655, 5369, 5328, 5683, 5304,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5619, 5259, 5651, 5534, 5476, 5544, 5689, 5624, 5695, 5539, 5423, 5254, 5291, 5441, 5410, 5597, 5711, 5506, 5311, 5298, 5391, 5348, 5603, 5537, 5467, 5398, 5600, 5635, 5457, 5478, 5549, 5502, 5500, 5595, 5712, 5350, 5590, 5654, 5545, 5315, 5509, 5562, 5454, 5497, 5494, 5687, 5569, 5626, 5288, 5251, 5474, 5412 (11 hits) (03/26/2013 08:43:03 PM)
29	9	1.0	333.0	Yes	5556.0MHz, -64.0dBm	Hop sequence: 5383, 5530, 5309, 5303, 5340, 5475, 5359, 5518, 5595, 5694, 5441, 5701, 5353, 5294, 5491, 5479, 5482, 5377, 5715, 5291, 5640, 5686, 5361, 5481, 5725, 5710, 5311, 5384, 5266, 5562, 5306, 5466, 5698, 5477, 5320, 5504, 5675, 5706, 5271, 5510, 5714, 5647, 5443, 5493, 5286, 5681, 5533, 5326, 5268, 5490, 5532, 5432, 5695, 5427, 5536, 5393, 5653, 5302, 5409, 5331, 5614, 5372, 5492, 5434, 5310, 5527, 5545, 5370, 5650, 5636, 5287, 5274, 5556, 5708, 5565, 5317, 5278, 5624, 5308, 5313, 5657, 5405, 5419, 5509, 5713, 5258, 5315, 5591, 5329, 5262, 5318, 5486, 5483, 5371, 5672, 5645, 5380, 5703, 5639, 5637 (10 hits) (03/26/2013 08:43:14 PM)
30	9	1.0	333.0	Yes	5557.0MHz, -64.0dBm	Hop sequence: 5530, 5667, 5413, 5305, 5525, 5386, 5416, 5263, 5345, 5710, 5704, 5684, 5352, 5626, 5558, 5347, 5346, 5629, 5561, 5406, 5266, 5529, 5472, 5431, 5285, 5469, 5366, 5395, 5623, 5323, 5474, 5404, 5600, 5292, 5573, 5426, 5451, 5662, 5441, 5656, 5342, 5418, 5689, 5643, 5672, 5490, 5536, 5507, 5666, 5543, 5254, 5374, 5711, 5348, 5289, 5615, 5457, 5302, 5669, 5409, 5670, 5534, 5351, 5267, 5481, 5663, 5638, 5681, 5405, 5270, 5511, 5627, 5286, 5298, 5547, 5370, 5488, 5391, 5665, 5650, 5262, 5326, 5648, 5253, 5527, 5312, 5392, 5255, 5552, 5390, 5371, 5429, 5287, 5283, 5687, 5331, 5652, 5489, 5269, 5450 (6 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:43:24 PM)
31	9	1.0	333.0	Yes	5558.0MHz, -64.0dBm	Hop sequence: 5651, 5593, 5415, 5694, 5726, 5311, 5320, 5355, 5721, 5579, 5298, 5538, 5585, 5343, 5606, 5550, 5564, 5449, 5457, 5422, 5581, 5624, 5615, 5370, 5318, 5608, 5462, 5688, 5652, 5399, 5254, 5468, 5630, 5434, 5512, 5492, 5708, 5592, 5598, 5339, 5428, 5445, 5435, 5494, 5284, 5384, 5560, 5309, 5587, 5438, 5723, 5461, 5541, 5489, 5717, 5409, 5568, 5391, 5390, 5425, 5321, 5361, 5493, 5699, 5666, 5711, 5622, 5599, 5706, 5679, 5604, 5484, 5259, 5565, 5417, 5372, 5346, 5266, 5509, 5641, 5363, 5611, 5613, 5375, 5549, 5388, 5469, 5432, 5657, 5327, 5286, 5676, 5642, 5482, 5437, 5459, 5578, 5275, 5316, 5426 (7 hits) (03/26/2013 08:43:38 PM)
32	9	1.0	333.0	Yes	5559.0MHz, -64.0dBm	Hop sequence: 5358, 5553, 5645, 5459, 5275, 5615, 5276, 5474, 5309, 5329, 5489, 5686, 5581, 5251, 5703, 5649, 5495, 5534, 5494, 5701, 5677, 5513, 5532, 5663, 5670, 5305, 5327, 5382, 5343, 5550, 5634, 5477, 5482, 5724, 5599, 5394, 5413, 5285, 5272, 5450, 5673, 5512, 5338, 5572, 5564, 5436, 5573, 5566, 5319, 5322, 5719, 5451, 5380, 5256, 5296, 5519, 5595, 5531, 5301, 5472, 5465, 5560, 5700, 5648, 5333, 5630, 5538, 5715, 5449, 5563, 5435, 5492, 5391, 5672, 5425, 5342, 5363, 5292, 5608, 5286, 5264, 5633, 5610, 5392, 5576, 5429, 5443, 5467, 5622, 5283, 5687, 5638, 5621, 5502, 5650, 5546, 5278, 5289, 5401, 5676 (11 hits) (03/26/2013 08:43:49 PM)
33	9	1.0	333.0	Yes	5560.0MHz, -64.0dBm	Hop sequence: 5439, 5602, 5270, 5380, 5409, 5368, 5399, 5495, 5662, 5607, 5461, 5680, 5411, 5459, 5679, 5258, 5391, 5634, 5609, 5292, 5407, 5527, 5555, 5349, 5647, 5283, 5560, 5615, 5388, 5445, 5372, 5612, 5611, 5520, 5532, 5474, 5580, 5710, 5658, 5619, 5590, 5273, 5463, 5521, 5676, 5265, 5339, 5343,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5659, 5622, 5513, 5449, 5355, 5257, 5289, 5577, 5314, 5405, 5592, 5525, 5667, 5544, 5255, 5600, 5281, 5656, 5593, 5376, 5443, 5430, 5301, 5466, 5341, 5484, 5269, 5365, 5334, 5422, 5259, 5267, 5444, 5354, 5493, 5456, 5623, 5440, 5298, 5599, 5579, 5670, 5251, 5262, 5496, 5302, 5725, 5282, 5637, 5299, 5501, 5526 (9 hits) (03/26/2013 08:44:02 PM)
34	9	1.0	333.0	Yes	5561.0MHz, -64.0dBm	Hop sequence: 5531, 5590, 5681, 5370, 5490, 5654, 5387, 5500, 5480, 5678, 5310, 5615, 5338, 5540, 5716, 5542, 5463, 5684, 5315, 5535, 5256, 5362, 5386, 5300, 5525, 5578, 5457, 5489, 5503, 5472, 5282, 5610, 5557, 5422, 5672, 5667, 5623, 5391, 5598, 5661, 5712, 5680, 5439, 5719, 5486, 5421, 5462, 5304, 5363, 5333, 5709, 5303, 5512, 5660, 5577, 5604, 5639, 5622, 5357, 5449, 5548, 5701, 5298, 5302, 5375, 5686, 5637, 5466, 5518, 5602, 5389, 5673, 5628, 5521, 5272, 5406, 5325, 5621, 5334, 5706, 5280, 5626, 5286, 5629, 5485, 5426, 5608, 5265, 5321, 5679, 5440, 5587, 5332, 5562, 5297, 5655, 5419, 5618, 5320, 5522 (7 hits) (03/26/2013 08:44:13 PM)
35	9	1.0	333.0	Yes	5562.0MHz, -64.0dBm	Hop sequence: 5622, 5652, 5528, 5406, 5306, 5466, 5384, 5718, 5642, 5285, 5510, 5493, 5716, 5320, 5700, 5264, 5356, 5425, 5676, 5301, 5508, 5710, 5344, 5646, 5314, 5633, 5709, 5725, 5618, 5456, 5590, 5395, 5706, 5396, 5482, 5593, 5450, 5678, 5446, 5581, 5697, 5283, 5695, 5707, 5578, 5371, 5589, 5376, 5544, 5644, 5297, 5315, 5422, 5432, 5398, 5379, 5713, 5268, 5630, 5374, 5290, 5442, 5667, 5389, 5485, 5524, 5325, 5597, 5533, 5595, 5625, 5708, 5669, 5542, 5557, 5445, 5348, 5521, 5569, 5536, 5535, 5337, 5606, 5473, 5517, 5724, 5680, 5479, 5343, 5427, 5323, 5394, 5291, 5256, 5405, 5407, 5689, 5421, 5408, 5577 (11 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:44:24 PM)
36	9	1.0	333.0	Yes	5563.0MHz, -64.0dBm	Hop sequence: 5609, 5285, 5674, 5288, 5584, 5711, 5564, 5604, 5610, 5606, 5328, 5427, 5315, 5573, 5550, 5599, 5637, 5627, 5356, 5269, 5644, 5295, 5625, 5256, 5600, 5545, 5661, 5651, 5340, 5441, 5276, 5650, 5290, 5359, 5624, 5511, 5694, 5443, 5298, 5541, 5474, 5483, 5578, 5673, 5453, 5509, 5358, 5553, 5472, 5682, 5308, 5608, 5457, 5505, 5502, 5636, 5485, 5319, 5458, 5676, 5411, 5581, 5419, 5522, 5684, 5516, 5619, 5456, 5616, 5403, 5393, 5699, 5645, 5554, 5696, 5716, 5296, 5318, 5514, 5726, 5361, 5470, 5528, 5670, 5701, 5406, 5679, 5415, 5677, 5476, 5628, 5322, 5620, 5633, 5579, 5652, 5293, 5433, 5660, 5416 (11 hits) (03/26/2013 08:44:34 PM)
37	9	1.0	333.0	Yes	5564.0MHz, -64.0dBm	Hop sequence: 5690, 5474, 5675, 5424, 5523, 5303, 5692, 5258, 5682, 5586, 5711, 5450, 5593, 5540, 5601, 5676, 5638, 5463, 5405, 5488, 5411, 5439, 5698, 5444, 5626, 5392, 5619, 5324, 5357, 5275, 5297, 5281, 5400, 5645, 5473, 5657, 5550, 5713, 5718, 5462, 5366, 5388, 5584, 5262, 5332, 5373, 5375, 5543, 5562, 5528, 5259, 5722, 5430, 5304, 5512, 5289, 5590, 5436, 5421, 5257, 5326, 5420, 5251, 5307, 5591, 5652, 5595, 5267, 5608, 5691, 5397, 5478, 5563, 5419, 5556, 5627, 5665, 5646, 5687, 5492, 5684, 5637, 5720, 5285, 5553, 5656, 5667, 5416, 5339, 5609, 5468, 5361, 5686, 5471, 5714, 5298, 5614, 5681, 5633, 5531 (11 hits) (03/26/2013 08:44:44 PM)
38	9	1.0	333.0	Yes	5565.0MHz, -64.0dBm	Hop sequence: 5267, 5676, 5716, 5658, 5622, 5506, 5469, 5414, 5717, 5395, 5363, 5511, 5283, 5459, 5321, 5280, 5629, 5669, 5594, 5364, 5403, 5331, 5366, 5627, 5436, 5410, 5384, 5467, 5401, 5590, 5528, 5537, 5489, 5656, 5468, 5552, 5494, 5647, 5532, 5424, 5544, 5673, 5561, 5397, 5421, 5287, 5353, 5611,

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5663, 5722, 5379, 5284, 5549, 5487, 5643, 5311, 5588, 5682, 5383, 5416, 5613, 5399, 5296, 5278, 5688, 5292, 5681, 5462, 5703, 5639, 5689, 5486, 5686, 5589, 5457, 5505, 5445, 5325, 5423, 5434, 5687, 5294, 5593, 5632, 5692, 5711, 5529, 5340, 5440, 5517, 5302, 5585, 5337, 5493, 5254, 5710, 5497, 5418, 5565, 5286 (12 hits) (03/26/2013 08:44:58 PM)
39	9	1.0	333.0	Yes	5566.0MHz, -64.0dBm	Hop sequence: 5434, 5442, 5506, 5537, 5440, 5270, 5331, 5269, 5560, 5312, 5407, 5386, 5253, 5257, 5355, 5365, 5586, 5687, 5722, 5400, 5472, 5716, 5348, 5367, 5453, 5464, 5277, 5631, 5282, 5465, 5546, 5559, 5518, 5461, 5421, 5596, 5705, 5436, 5478, 5471, 5612, 5408, 5460, 5425, 5450, 5639, 5346, 5684, 5258, 5702, 5364, 5602, 5650, 5418, 5552, 5578, 5590, 5699, 5279, 5372, 5399, 5458, 5435, 5601, 5634, 5300, 5610, 5274, 5581, 5629, 5490, 5374, 5424, 5647, 5558, 5603, 5354, 5584, 5543, 5665, 5294, 5273, 5268, 5457, 5573, 5359, 5433, 5256, 5470, 5567, 5357, 5718, 5533, 5497, 5663, 5350, 5712, 5508, 5609, 5703 (13 hits) (03/26/2013 08:45:08 PM)
40	9	1.0	333.0	Yes	5567.0MHz, -64.0dBm	Hop sequence: 5317, 5650, 5391, 5721, 5540, 5677, 5332, 5306, 5631, 5608, 5402, 5342, 5349, 5448, 5700, 5255, 5628, 5446, 5389, 5546, 5351, 5659, 5298, 5547, 5557, 5684, 5353, 5484, 5641, 5568, 5723, 5563, 5699, 5260, 5286, 5350, 5304, 5525, 5447, 5275, 5357, 5686, 5697, 5545, 5394, 5461, 5482, 5666, 5577, 5315, 5430, 5696, 5322, 5710, 5441, 5438, 5428, 5383, 5503, 5626, 5718, 5621, 5388, 5595, 5519, 5458, 5423, 5362, 5251, 5395, 5520, 5704, 5250, 5314, 5711, 5627, 5311, 5412, 5488, 5511, 5451, 5426, 5600, 5575, 5552, 5374, 5290, 5265, 5648, 5537, 5459, 5355, 5645, 5494, 5632, 5444, 5726, 5263, 5652, 5384 (9 hits) (03/26/2013

Table 81 - FCC frequency hopping radar (Type 6) Results HT 40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:45:19 PM)
41	9	1.0	333.0	Yes	5568.0MHz, -64.0dBm	Hop sequence: 5425, 5666, 5279, 5284, 5433, 5334, 5479, 5633, 5408, 5554, 5401, 5627, 5459, 5507, 5311, 5657, 5426, 5386, 5445, 5539, 5449, 5604, 5641, 5488, 5513, 5616, 5360, 5469, 5508, 5588, 5317, 5355, 5564, 5549, 5661, 5592, 5283, 5721, 5253, 5486, 5566, 5676, 5708, 5369, 5307, 5429, 5690, 5352, 5689, 5667, 5343, 5625, 5707, 5254, 5504, 5335, 5674, 5346, 5573, 5359, 5309, 5374, 5605, 5543, 5531, 5591, 5572, 5364, 5412, 5358, 5468, 5333, 5717, 5424, 5437, 5688, 5595, 5318, 5496, 5377, 5556, 5326, 5681, 5287, 5295, 5700, 5702, 5261, 5361, 5301, 5316, 5715, 5565, 5476, 5584, 5723, 5370, 5608, 5599, 5683 (10 hits) (03/26/2013 08:45:34 PM)

Appendix C Test Data Tables and Plots for Channel Closing**FCC PART 15 SUBPART E Channel Closing Measurements**

Table 82 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 (HT20)	2.0 ms	60 ms	0.5 s	10 s	Pass
Radar Type 5 (HT20)	0.0 ms	60 ms	0.0 s	10 s	Pass
Radar Type 1 (HT40)	2.4 ms	60 ms	0.5 s	10 s	Pass
Radar Type 5 (HT40)	0.0 ms	60 ms	0.0 s	10 s	Pass

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

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

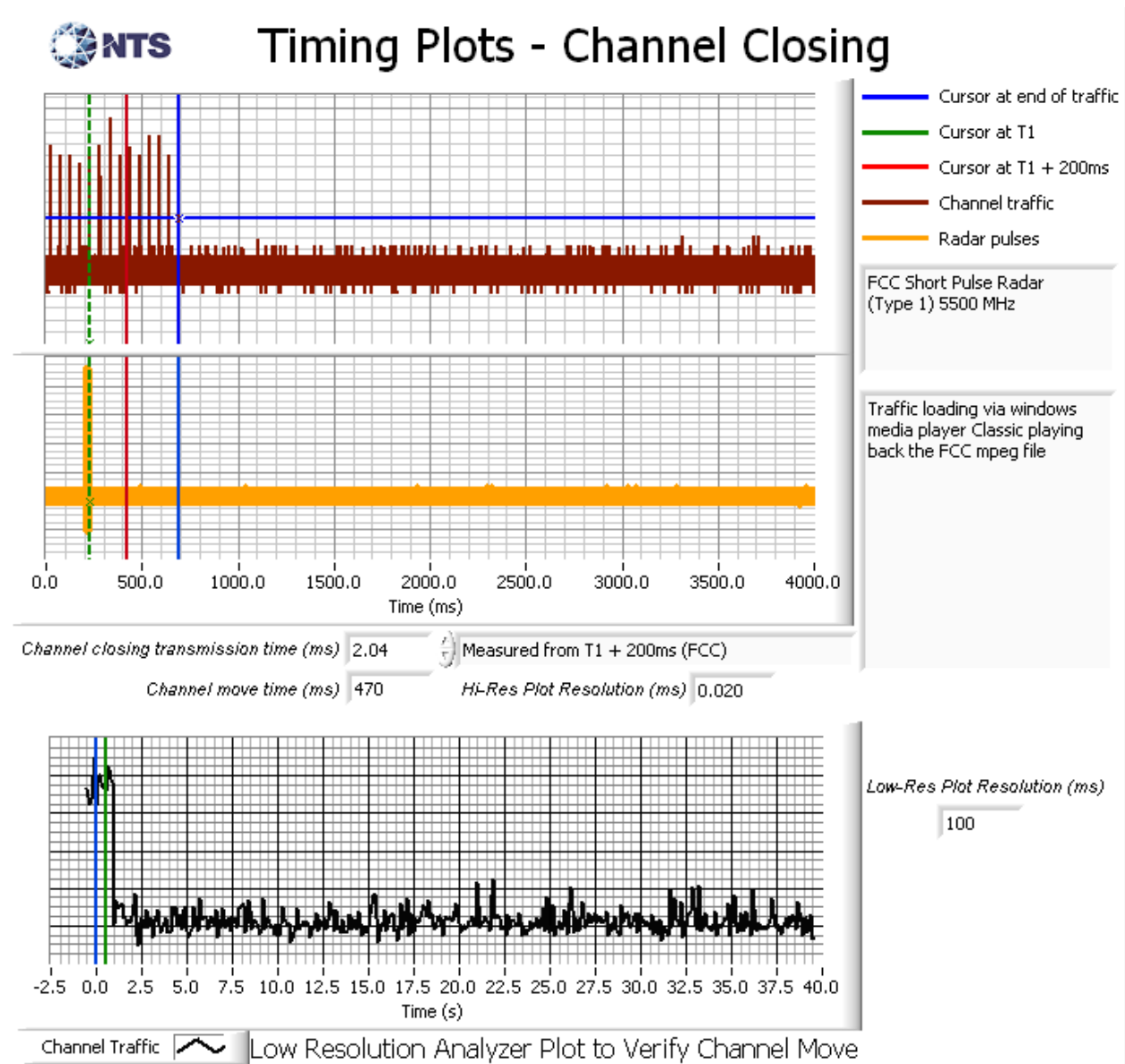


Figure 2 Channel Closing Time and Channel Move Time (HT20)– 40 second plot

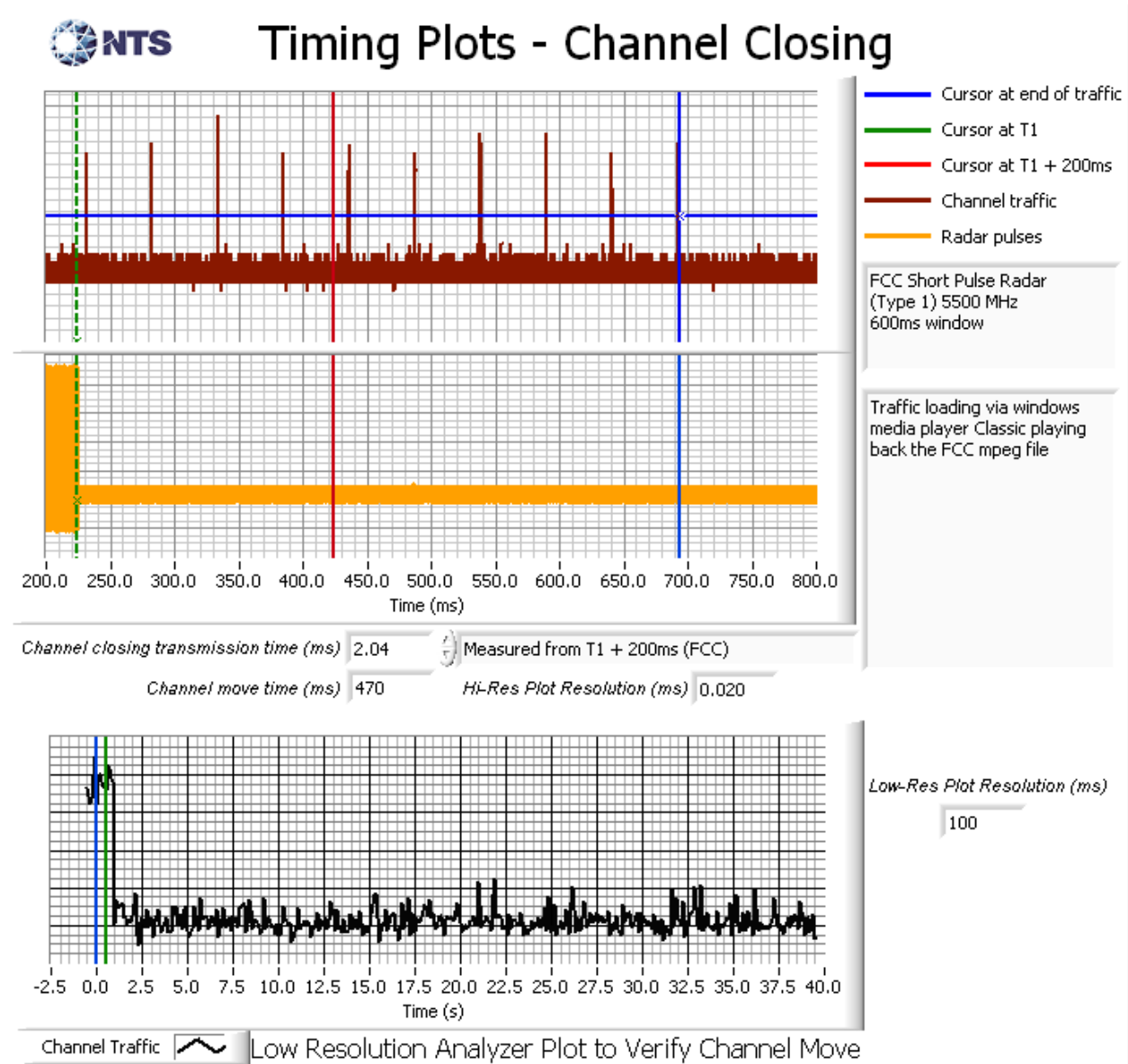
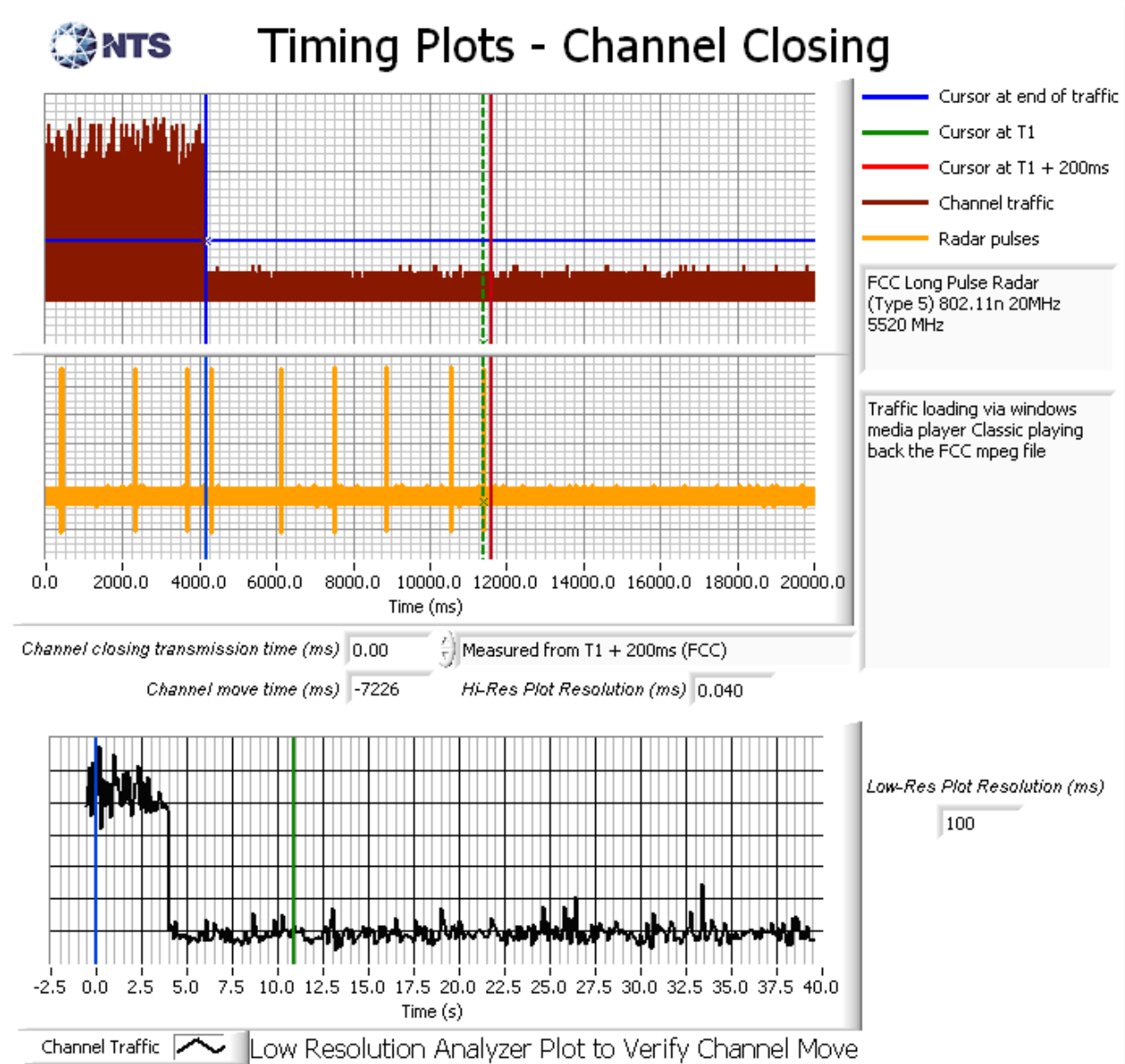


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

**Figure 4 Channel Closing Time and Channel Move Time (HT20)– 40 second plot**

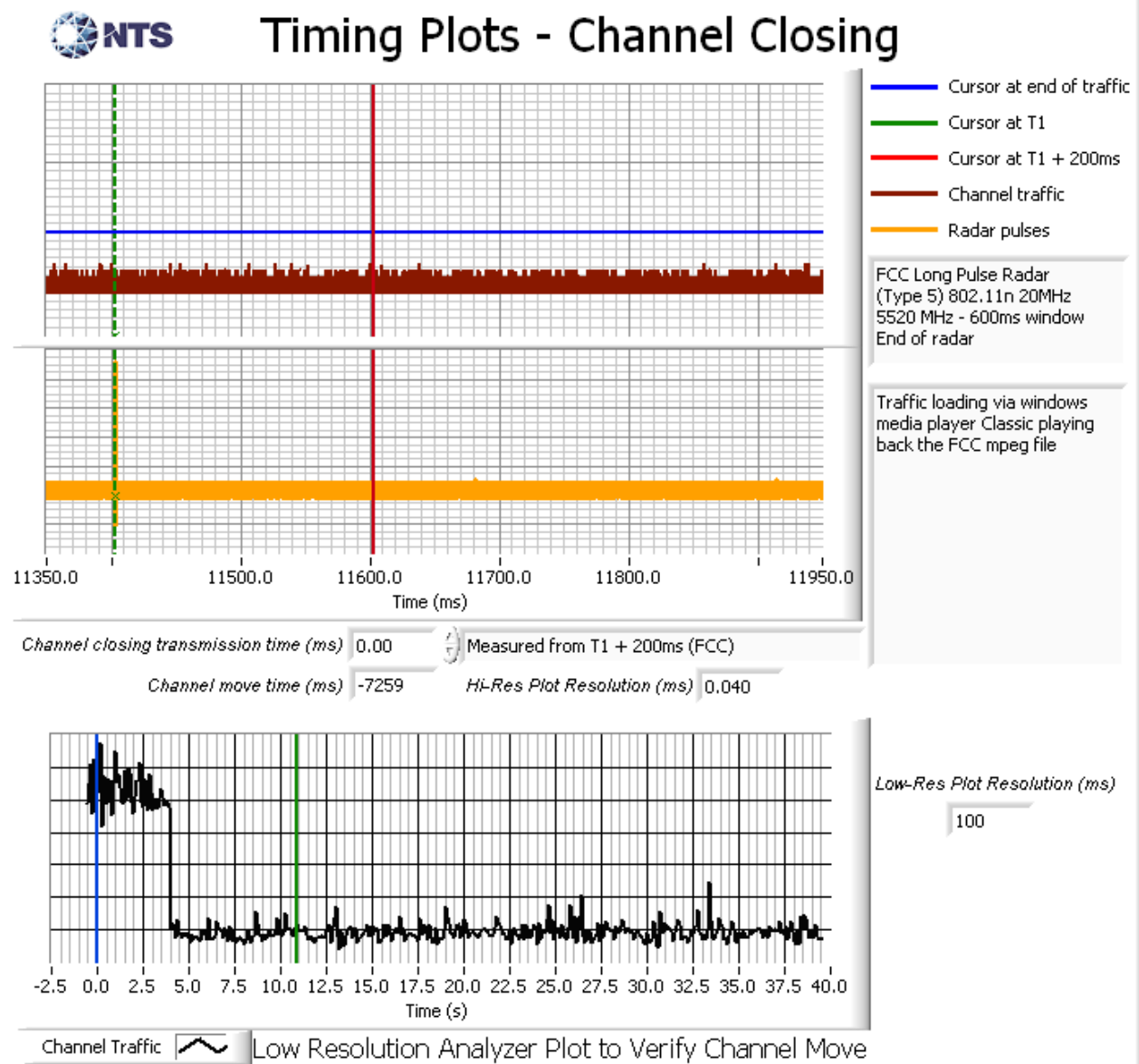
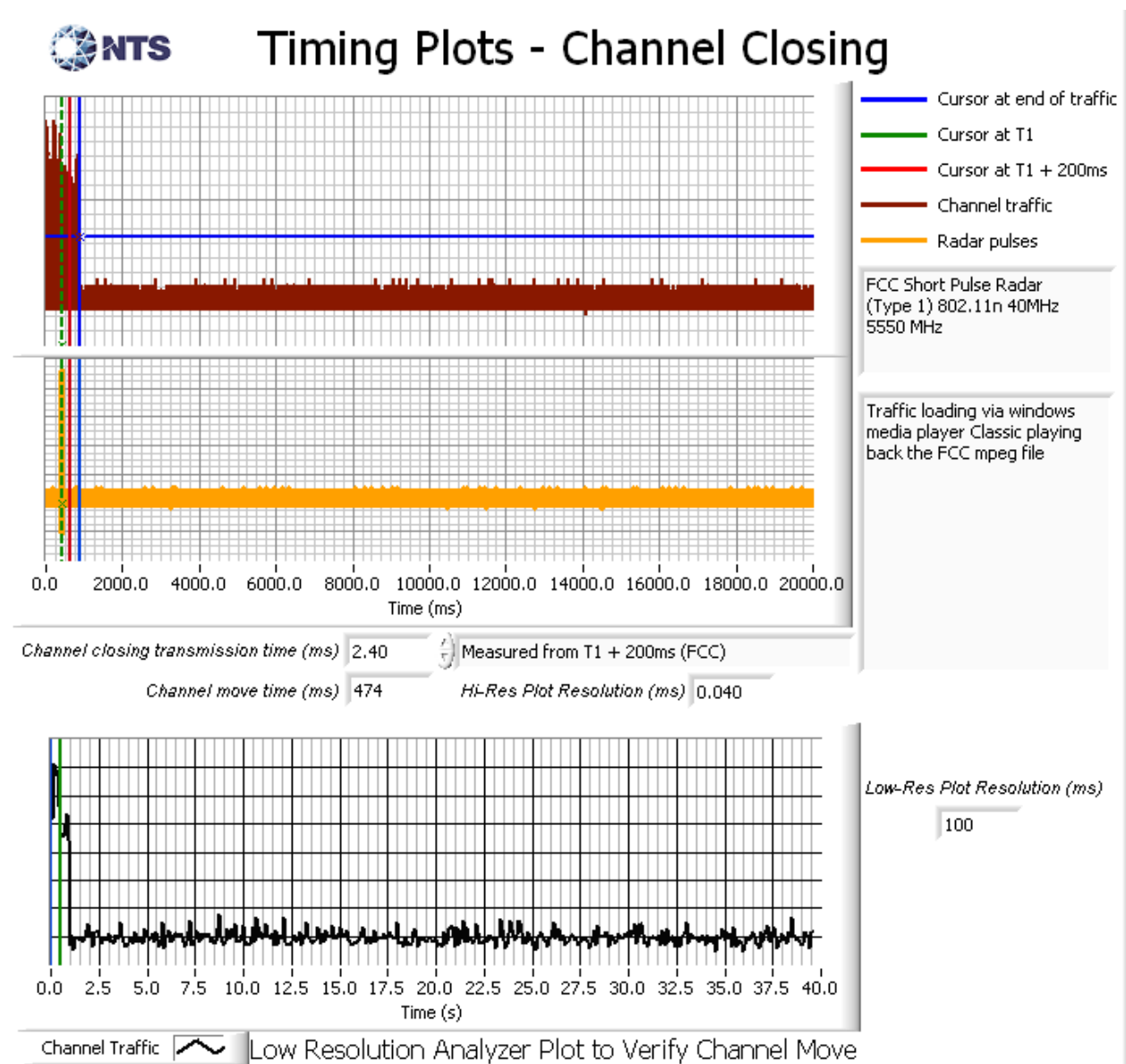
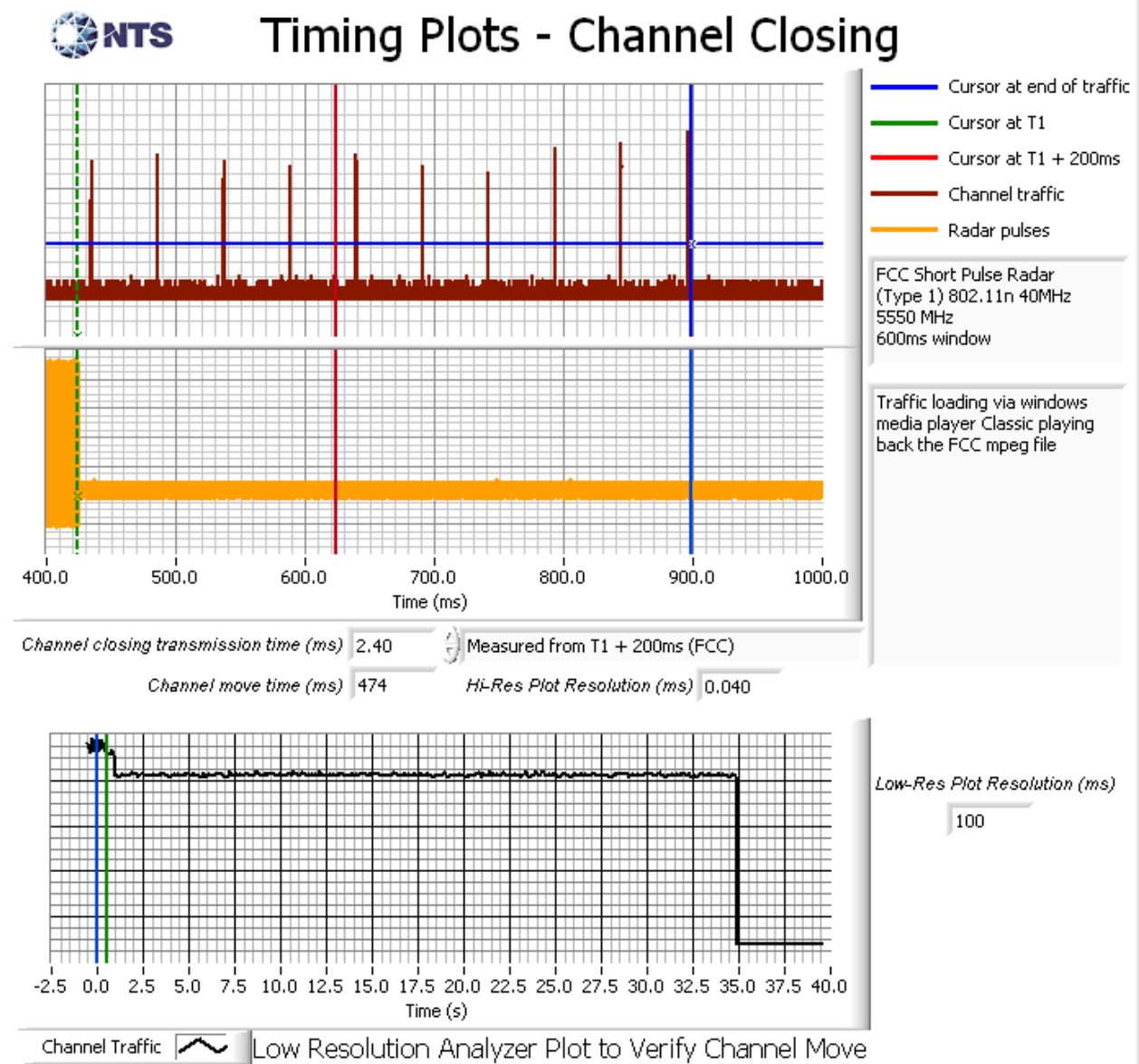
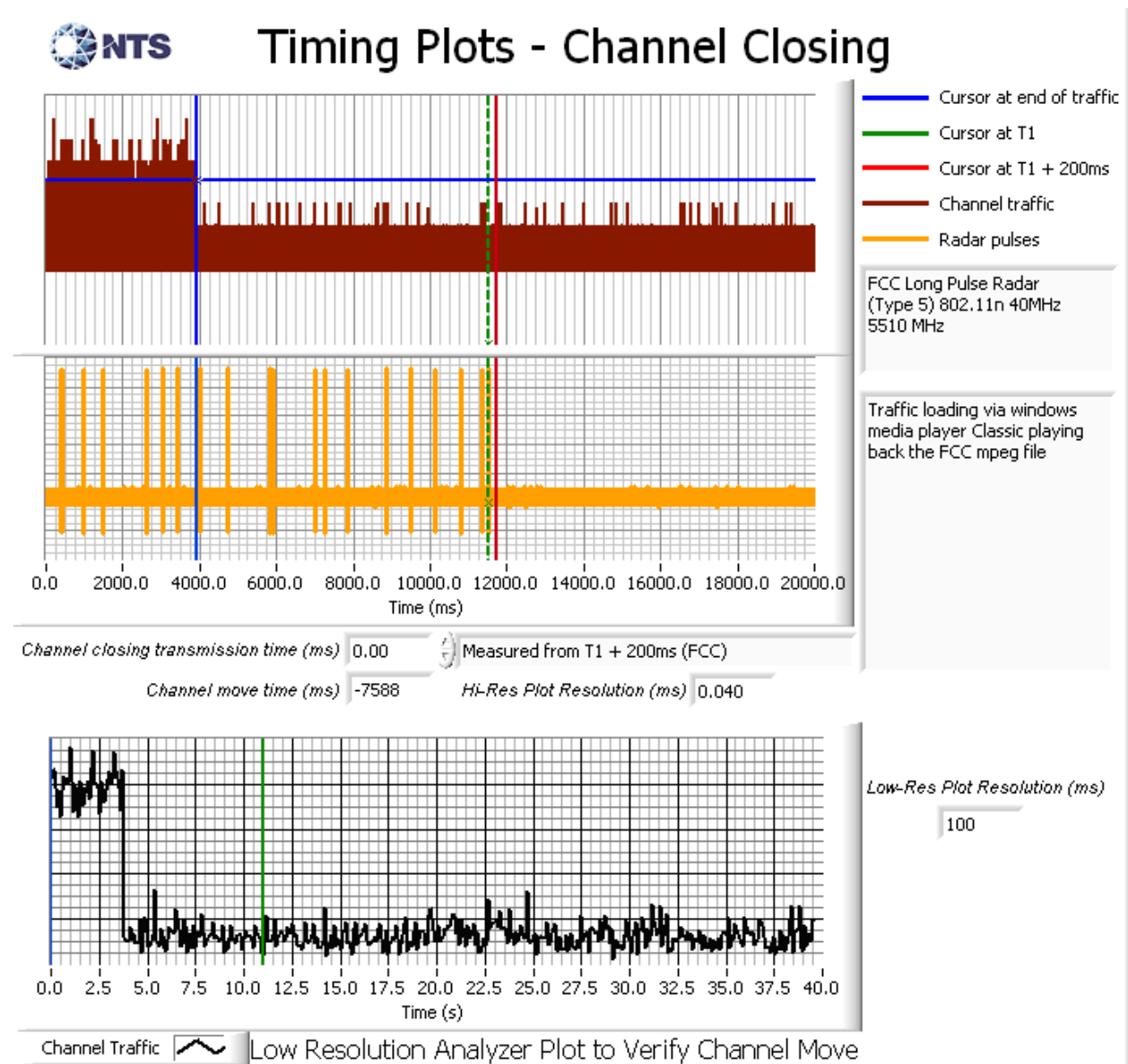


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

**Figure 6 Channel Closing Time and Channel Move Time (HT40)– 40 second plot**

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

**Figure 8 Channel Closing Time and Channel Move Time (HT40)– 40 second plot**

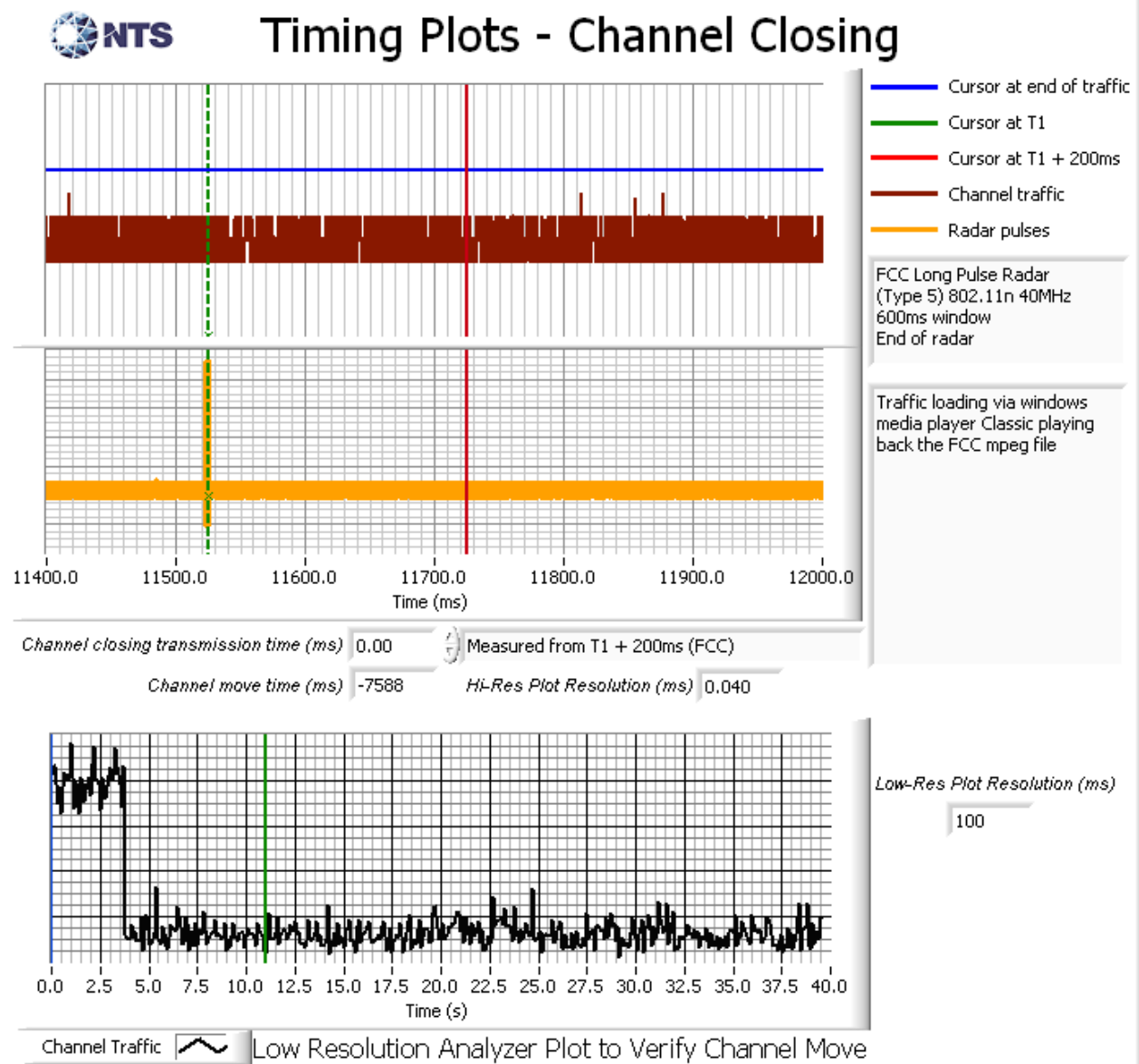
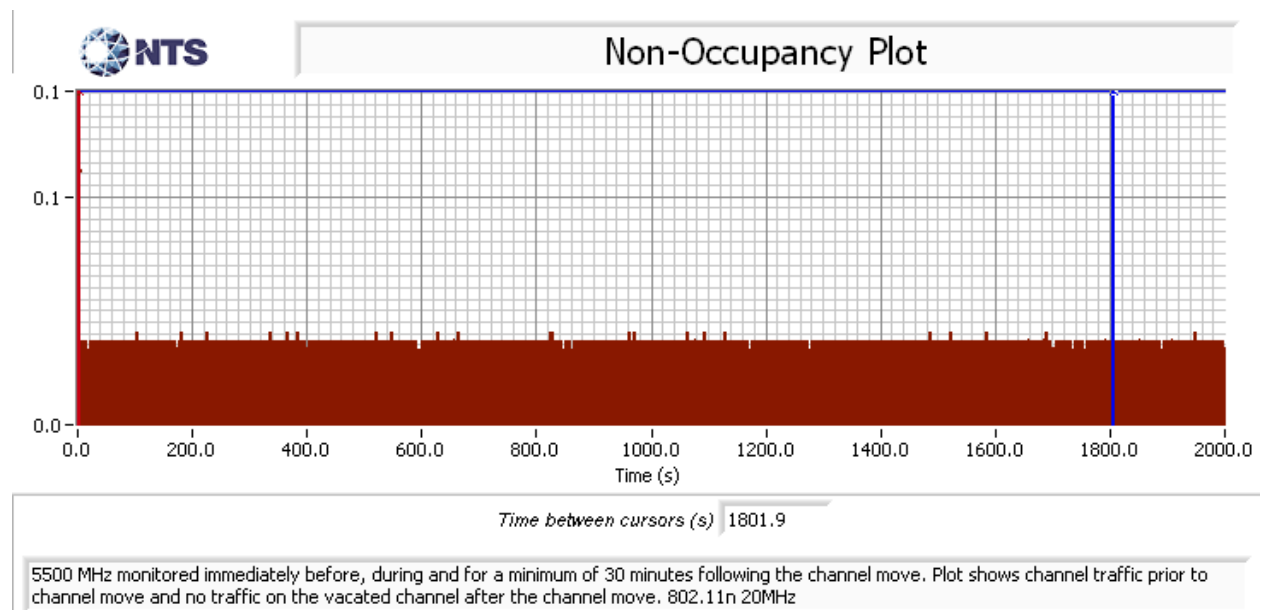
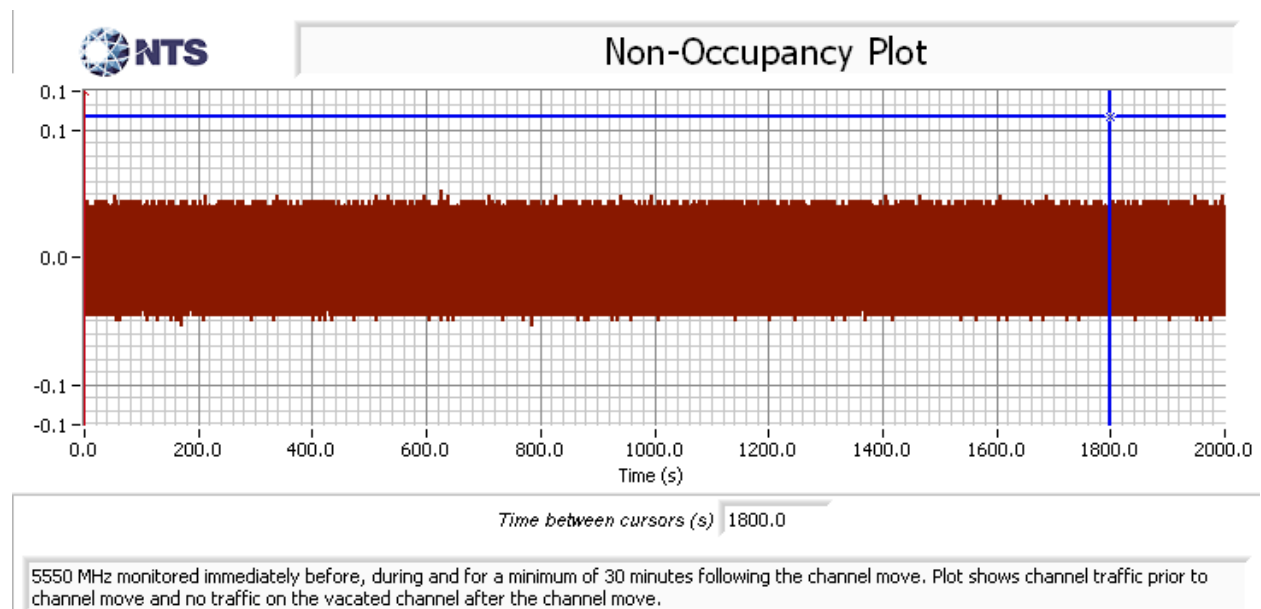


Figure 9 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

**Figure 10 Radar Channel Non-Occupancy Plot (HT20)****Figure 11 Radar Channel Non-Occupancy Plot (HT40)**

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

Appendix D Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

The first plot shows the first transmissions on a channel after restarting/power cycling the master device, with no radar applied during the CAC. The start of CAC is assumed to be 60 seconds before the first transmission as indicated by the green cursor line.

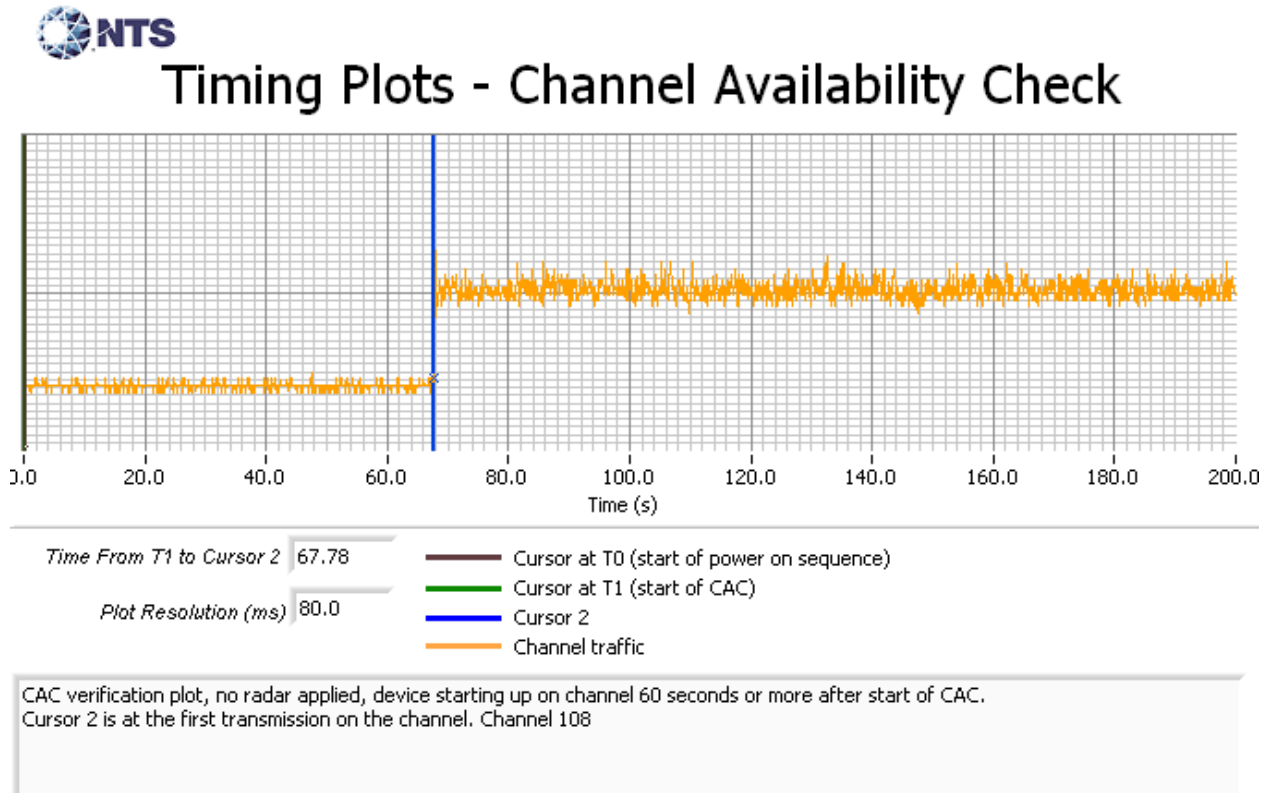


Figure 12 Plot of EUT Start-Up After CAC

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

The level of the radar signal applied was -64dBm. Measurements were made on channel 100 or 104 (5500 MHz or 5520 MHz).

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

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



Timing Plots - Channel Availability Check

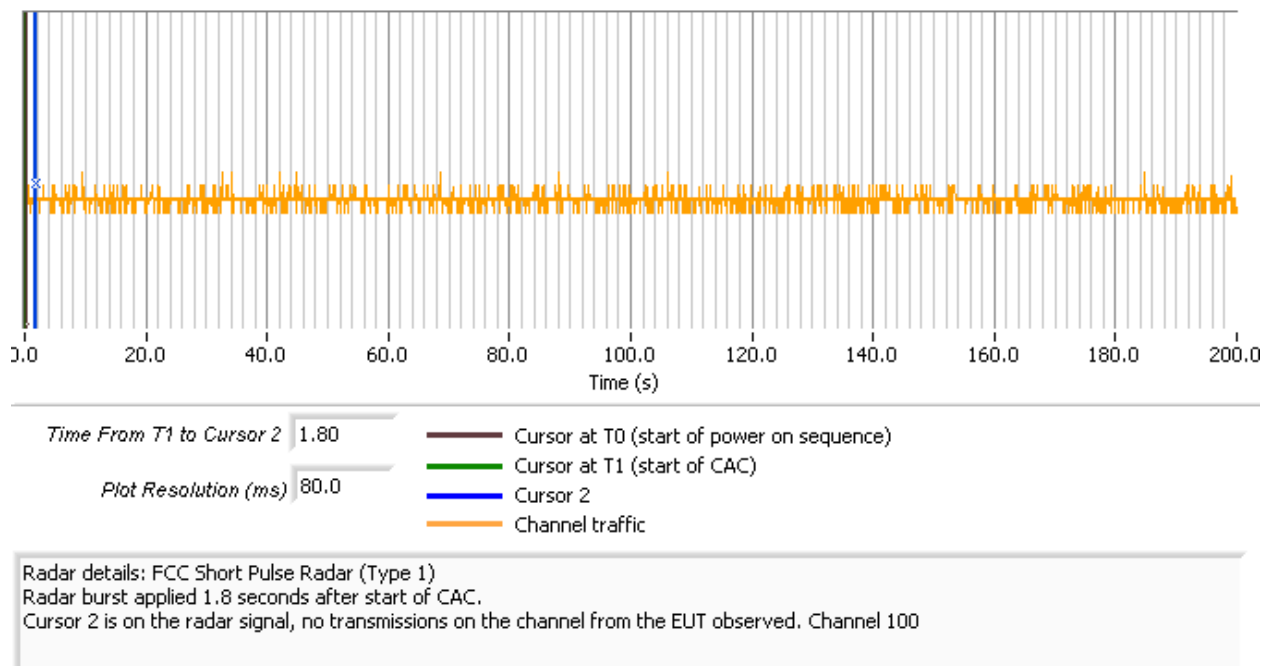


Figure 13 Radar Applied At Start of CAC



Timing Plots - Channel Availability Check

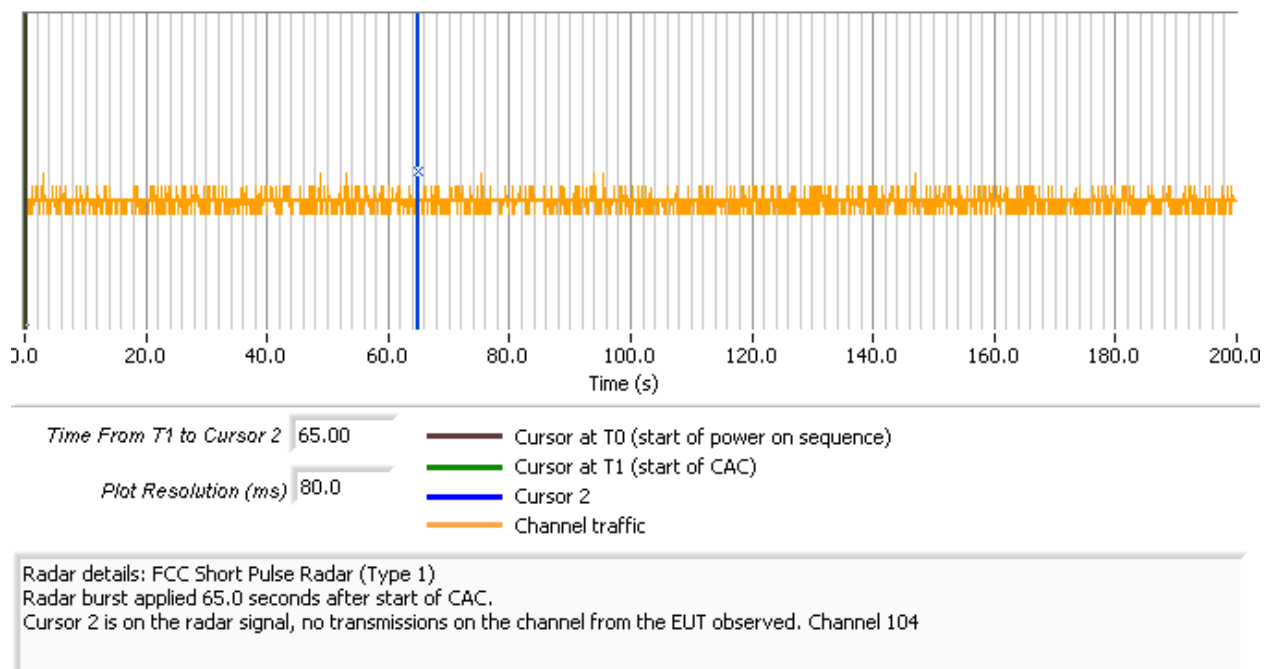


Figure 14 Radar Applied At End of CAC

Appendix E Antenna Specification

5 GHz Omnidirectional

The internal 5 GHz omnidirectional antenna applies to the following product variant:

- BelAir 20EO-11A

Characteristics of this antenna variant:

- Linear, vertical polarization
- Antenna Gain : 6.7 dBi (peak), 4.7 dBi (minimum)
- Azimuth Beamwidth: 360°
- Elevation Beamwidth: <20°
- Downtilt : None

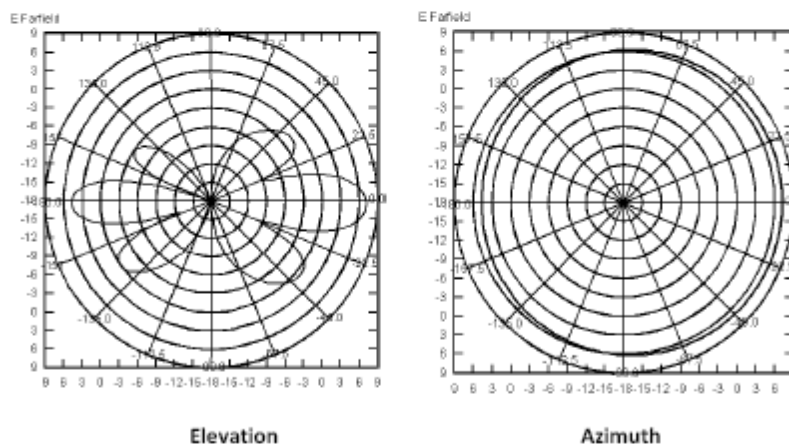


Figure 2 BelAir 20EO 5 GHz Omnidirectional Antenna Patterns

Appendix F Test Configuration Photograph(s)

