

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): BelAir20E and AP6120*

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FCC ID: RAR-40015001

COMPANY: Ericsson WiFi Inc.
6300 Legacy Drive
Plano, TX, 75024

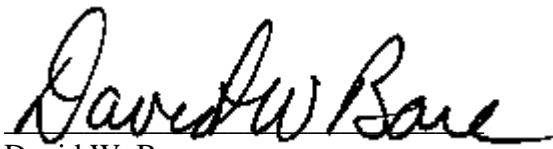
TEST SITE: National Technical Systems - Silicon Valley
41039 Boyce Road
Fremont, CA 94538

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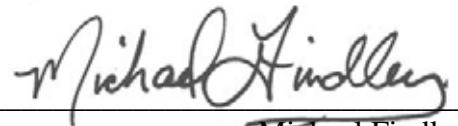
TEST ENGINEER: Michael Findley

PROGRAM MGR /
TECHNICAL REVIEWER:



David W. Bare
Chief Engineer

QUALITY ASSURANCE DELEGATE /
FINAL REPORT PREPARER:



Michael Findley
Senior Engineer



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REVISION HISTORY

Rev #	Date	Comments	Modified By
-	04-25-2013	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 BelAir20E and therefore apply only to the tested sample. The sample was selected and prepared by Ryan Greer 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 BelAir20E complied with the DFS requirements of FCC Part 15.407(h)(2) and 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						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5660	67	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 1	5520	-64dBm	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5660 HT20 5510 HT40	-64 dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Varies	23 MHz HT20 39 MHz HT40	80% of the 99% BW	Appendix B	Pass
Channel closing transmission time	Type 1 Type 5 Type 1 Type 5	5560 5540 (HT20)	2.44 0.0 2.40 0.0	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5 Type 1 Type 5	5500 5670 (HT40)	0.48 s -5.66 s 0.50 s -7.43 s	≤ 10s	Appendix C	Pass
Non-occupancy period	-		> 30 Minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 4 dBi. The limit is based on an eirp of more than 23 dBm.

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. model BelAir20E is a 2x2 802.11abgn wireless access point. Since the EUT is intended for tabletop 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 sample was received on March 15, 2013 and tested on March 22, 2013. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number	FCC ID
Ericsson WiFi Inc.	BelAir20E / AP6120	Wireless Access Point	BA124905158	RAR-40015001

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)	4.0	4.0
Highest Antenna Gain (dBi)	4.0	4.0
EIRP Output Power (dBm)	> 23 dBm	> 23 dBm

- Power can exceed 200mW eirp

Channel Protocol

- IP Based

ENCLOSURE

The EUT enclosure measures approximately 17 by 17 by 4 centimeters. It is primarily constructed of uncoated plastic.

MODIFICATIONS

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

SUPPORT EQUIPMENT

The following equipment was used as support equipment for testing:

Manufacturer	Model	Description	Serial Number	FCC ID
PowerDsine	3501G	POE Adapter	C1215655500000153	-
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 Network 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. The software 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 2 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 3 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 4 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.

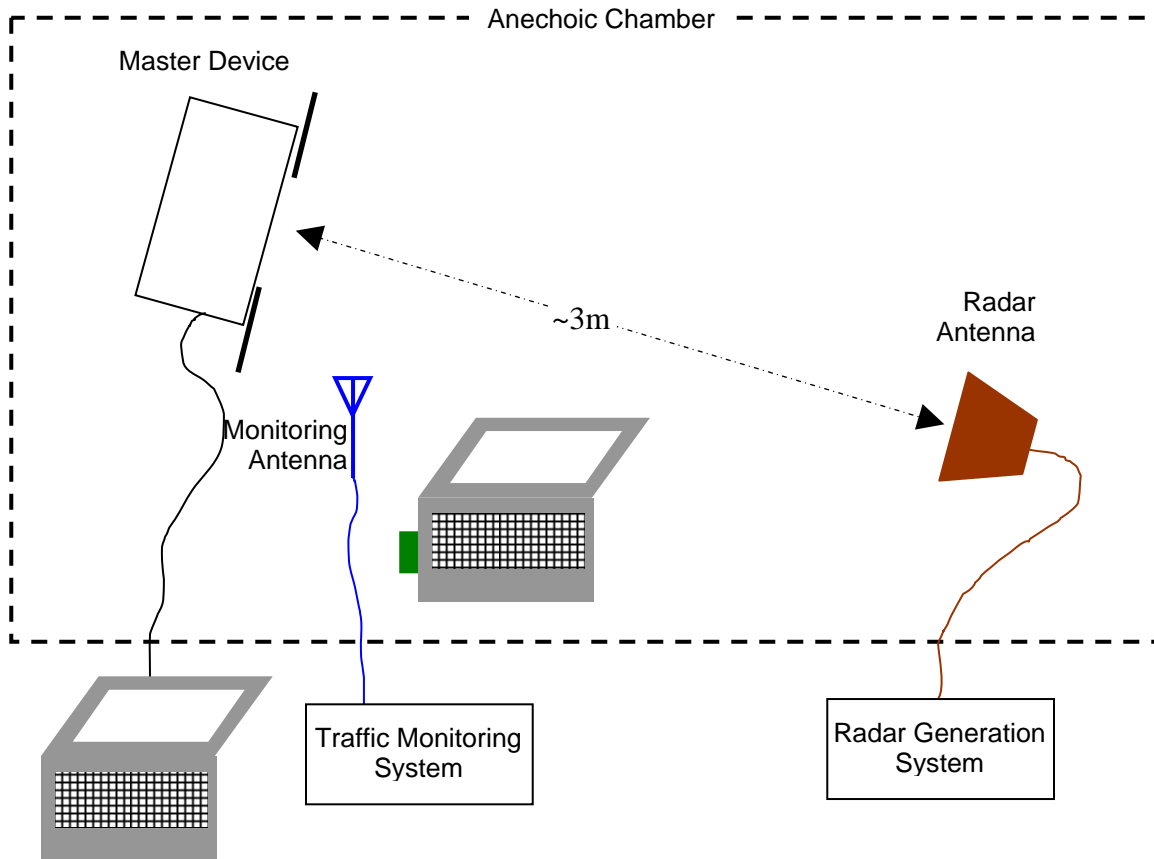


Figure 1 Test Configuration for radiated Measurement Method

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 5 - 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	0	3	0
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	0	3	0

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	93.3 %	60.0 %	30	PASSED
Aggregate of above results	92.5 %	80.0 %	120	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	94.9 %	70.0 %	39	PASSED

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 06:33:40 PM)
2	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 06:35:01 PM)
3	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 06:35:43 PM)
4	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 06:36:21 PM)
5	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 06:37:23 PM)
6	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 06:38:15 PM)
7	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 06:38:41 PM)
8	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 06:40:16 PM)
9	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 06:41:04 PM)
10	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 06:42:24 PM)
11	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 06:43:06 PM)
12	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 06:43:44 PM)
13	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 06:44:23 PM)
14	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 06:44:44 PM)
15	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 06:46:52 PM)
16	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 06:47:17 PM)
17	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 06:59:45 PM)
18	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:00:16 PM)
19	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:00:46 PM)
20	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:01:09 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:03:10 PM)
22	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:04:00 PM)
23	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:04:56 PM)
24	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:05:28 PM)
25	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:06:12 PM)
26	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:06:42 PM)
27	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:07:20 PM)
28	18	1.0	1428.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:07:47 PM)
29	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:08:17 PM)
30	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:08:46 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	4.2	157.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:10:52 PM)
2	29	1.6	175.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:11:56 PM)
3	28	4.4	194.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:12:32 PM)
4	29	4.7	177.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:13:35 PM)
5	24	1.2	172.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:14:00 PM)
6	25	1.3	227.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:15:18 PM)
7	23	1.5	155.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:16:09 PM)
8	25	1.5	170.0	No	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:16:29 PM)
9	26	4.7	226.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:16:59 PM)
10	25	1.5	216.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:17:49 PM)
11	28	4.7	198.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:18:13 PM)
12	25	2.3	213.0	No	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:18:41 PM)
13	25	3.0	223.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:19:09 PM)
14	26	4.0	211.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:19:54 PM)

Table 8 - 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
15	28	3.1	195.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:20:43 PM)
16	24	3.8	167.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:22:07 PM)
17	28	1.8	221.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:22:38 PM)
18	26	2.1	195.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:23:07 PM)
19	26	1.9	204.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:23:37 PM)
20	25	2.6	154.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:23:58 PM)
21	24	4.4	225.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:24:43 PM)
22	28	1.4	163.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:26:52 PM)
23	27	3.8	211.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:27:32 PM)
24	28	2.0	204.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:28:06 PM)
25	27	3.3	179.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:28:50 PM)
26	25	1.1	202.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:29:16 PM)
27	29	2.0	185.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:30:21 PM)
28	27	1.6	225.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:30:44 PM)
29	27	4.1	190.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:31:11 PM)
30	23	4.8	193.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:31:33 PM)

Table 9 - 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	17	7.5	347.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:57:40 PM)
2	18	8.6	391.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:58:04 PM)
3	18	8.5	289.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:58:49 PM)
4	18	8.4	403.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:59:46 PM)
5	16	8.7	477.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:00:14 PM)
6	17	9.0	209.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:00:47 PM)
7	18	9.4	461.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:01:37 PM)
8	17	8.4	231.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:02:26 PM)

Table 9 - 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
9	17	7.3	389.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:03:02 PM)
10	18	9.7	467.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:03:40 PM)
11	16	8.6	357.0	No	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:04:42 PM)
12	16	7.4	297.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:05:03 PM)
13	16	7.6	367.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:09:01 PM)
14	18	8.8	272.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:09:55 PM)
15	16	7.1	417.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:10:49 PM)
16	17	9.8	266.0	No	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:11:16 PM)
17	17	9.0	247.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:11:38 PM)
18	17	7.1	469.0	No	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:12:57 PM)
19	17	7.2	257.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:13:14 PM)
20	17	7.4	203.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:14:00 PM)
21	17	7.1	410.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:14:43 PM)
22	17	8.5	359.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:15:00 PM)
23	17	9.9	461.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:15:27 PM)
24	17	9.6	439.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:16:41 PM)
25	16	8.6	362.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:20:25 PM)
26	16	9.9	272.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:35:09 PM)
27	17	9.5	384.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:35:45 PM)
28	17	8.3	404.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:36:16 PM)
29	17	7.4	209.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:36:51 PM)
30	16	6.4	284.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:37:50 PM)

Table 10 - 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	12	12.7	394.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:38:54 PM)
2	13	18.6	355.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:39:33 PM)

Table 10 - 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
3	14	14.3	289.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:40:22 PM)
4	14	17.2	489.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:41:07 PM)
5	16	18.3	308.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:43:14 PM)
6	13	16.1	475.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:43:46 PM)
7	14	14.2	317.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:44:25 PM)
8	16	18.9	205.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:45:01 PM)
9	13	17.2	360.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:46:04 PM)
10	14	13.0	317.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:46:35 PM)
11	14	15.4	432.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:47:13 PM)
12	12	18.9	354.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:47:41 PM)
13	15	13.4	334.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:48:16 PM)
14	14	16.9	274.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:48:51 PM)
15	15	18.5	223.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:49:10 PM)
16	14	18.6	444.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:49:53 PM)
17	14	19.0	470.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:50:23 PM)
18	13	18.0	224.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:50:56 PM)
19	14	16.5	471.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:51:21 PM)
20	13	17.6	341.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:51:55 PM)
21	14	19.0	484.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:53:34 PM)
22	13	13.5	468.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:54:04 PM)
23	14	19.0	236.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:54:25 PM)
24	13	14.8	221.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:54:53 PM)
25	14	16.0	489.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:55:21 PM)
26	13	17.2	479.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:56:37 PM)
27	15	18.5	424.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:57:05 PM)
28	14	13.9	358.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:57:38 PM)
29	12	11.4	473.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:58:26 PM)

Table 10 - 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
30	14	15.6	423.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:58:50 PM)

Table 11 - Long Sequence Waveform Summary HT 20		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -64.0dBm
Trial #2	Detected	5505.0MHz, -64.0dBm
Trial #3	Detected	5500.0MHz, -64.0dBm
Trial #4	Detected	5495.0MHz, -64.0dBm
Trial #5	Detected	5525.0MHz, -64.0dBm
Trial #6	Detected	5520.0MHz, -64.0dBm
Trial #7	Detected	5515.0MHz, -64.0dBm
Trial #8	Detected	5510.0MHz, -64.0dBm
Trial #9	Detected	5505.0MHz, -64.0dBm
Trial #10	NOT Detected	5500.0MHz, -64.0dBm
Trial #11	Detected	5495.0MHz, -64.0dBm
Trial #12	Detected	5525.0MHz, -64.0dBm
Trial #13	Detected	5520.0MHz, -64.0dBm
Trial #14	Detected	5515.0MHz, -64.0dBm
Trial #15	Detected	5510.0MHz, -64.0dBm
Trial #16	Detected	5505.0MHz, -64.0dBm
Trial #17	Detected	5500.0MHz, -64.0dBm
Trial #18	Detected	5495.0MHz, -64.0dBm
Trial #19	Detected	5525.0MHz, -64.0dBm
Trial #20	Detected	5520.0MHz, -64.0dBm
Trial #21	Detected	5515.0MHz, -64.0dBm
Trial #22	Detected	5510.0MHz, -64.0dBm
Trial #23	Detected	5505.0MHz, -64.0dBm
Trial #24	Detected	5500.0MHz, -64.0dBm

Table 11 - Long Sequence Waveform Summary HT 20		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #25	Detected	5495.0MHz, -64.0dBm
Trial #26	Detected	5525.0MHz, -64.0dBm
Trial #27	Detected	5520.0MHz, -64.0dBm
Trial #28	Detected	5515.0MHz, -64.0dBm
Trial #29	Detected	5510.0MHz, -64.0dBm
Trial #30	Detected	5505.0MHz, -64.0dBm

Table 12 - 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	52.7	15	1768.0	1915.0	0.144244
2	2	83.3	9	1268.0	-	1.581608
3	2	57.0	19	1664.0	-	2.441717
4	2	69.1	11	1629.0	-	3.216976
5	3	54.9	15	1950.0	1972.0	3.951807
6	2	77.0	18	1846.0	-	4.909306
7	2	85.9	13	1349.0	-	5.593507
8	2	82.2	6	1077.0	-	6.479236
9	2	60.3	19	1043.0	-	7.979954
10	1	91.8	6	-	-	8.557612
11	1	79.3	5	-	-	9.341694
12	3	99.7	17	2000.0	1692.0	10.489546
13	2	58.0	19	1695.0	-	11.379059

Table 13 - 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	78.9	7	1349.0	-	0.074594
2	2	84.4	8	1348.0	-	0.998879
3	2	96.3	19	1554.0	-	1.657530
4	3	86.8	9	1890.0	1425.0	2.502999
5	3	95.7	15	1794.0	1374.0	2.997871
6	2	61.3	18	1984.0	-	3.192293
7	3	73.3	12	1749.0	1802.0	3.840328
8	2	97.1	11	1592.0	-	4.740134
9	1	77.0	11	-	-	5.366618
10	2	58.7	6	1082.0	-	5.905494
11	3	52.0	6	1635.0	1086.0	6.801285
12	2	55.5	10	1138.0	-	7.372764
13	1	91.9	17	-	-	7.715128
14	3	86.4	10	1240.0	1297.0	8.411434
15	2	68.4	13	1753.0	-	8.877106
16	1	71.1	12	-	-	9.558880
17	1	98.5	16	-	-	10.361511
18	2	52.7	16	1358.0	-	11.189968
19	2	80.2	13	1625.0	-	11.820948

Table 14 - 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	1	85.6	20	-	-	0.290849
2	3	54.1	7	1546.0	1788.0	0.878827
3	2	95.6	15	1009.0	-	2.072652
4	1	78.9	17	-	-	2.584649
5	2	93.6	16	1654.0	-	3.272322
6	2	65.5	18	1849.0	-	4.579871
7	2	96.7	20	1107.0	-	5.344125
8	3	85.0	10	1428.0	1620.0	6.168179
9	2	62.0	16	1636.0	-	6.998544
10	2	80.7	12	1810.0	-	7.484028
11	1	67.9	13	-	-	8.106925
12	2	99.6	15	1405.0	-	9.518351
13	2	68.4	19	1085.0	-	10.306386
14	2	69.9	19	1939.0	-	10.963220
15	2	59.1	13	1382.0	-	11.237770

Table 15 - 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	58.7	17	-	-	0.627923
2	3	70.3	12	1047.0	1722.0	1.292990
3	2	86.6	6	1886.0	-	1.777762
4	2	56.3	16	1336.0	-	3.071016
5	1	56.9	5	-	-	3.489711
6	2	99.0	13	1189.0	-	4.453186
7	1	74.2	6	-	-	5.421417
8	3	66.1	20	1721.0	1869.0	6.556654
9	2	61.9	11	1257.0	-	7.324112
10	3	71.7	17	1763.0	1687.0	8.321423
11	2	51.8	19	1676.0	-	8.596401
12	3	81.3	11	1071.0	1618.0	9.622160
13	2	50.7	11	1377.0	-	10.877015
14	3	69.1	16	1663.0	1502.0	11.944807

Table 16 - 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	2	63.0	6	1793.0	-	0.037029
2	2	50.1	9	1780.0	-	1.592574
3	2	75.4	20	1279.0	-	2.186603
4	1	79.1	18	-	-	2.837505
5	2	55.6	16	1352.0	-	3.569781
6	2	72.9	6	1629.0	-	4.581885
7	2	83.9	8	1327.0	-	5.521731
8	1	98.1	5	-	-	6.476935
9	2	90.7	16	1992.0	-	7.287833
10	1	96.6	18	-	-	7.868460
11	2	60.2	16	1373.0	-	9.285002
12	2	99.9	17	1719.0	-	10.237109

Table 16 - 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)
13	2	89.6	12	1479.0	-	11.116157
14	1	55.0	12	-	-	11.250562

Table 17 - 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	53.2	11	1799.0	-	0.077709
2	2	79.7	17	1614.0	-	1.085135
3	2	90.1	8	1837.0	-	2.012967
4	3	64.2	19	1373.0	1360.0	3.915783
5	1	51.3	18	-	-	4.372465
6	3	67.5	18	1398.0	1373.0	5.275378
7	2	91.6	16	1232.0	-	6.207782
8	3	96.6	17	1728.0	1444.0	7.408842
9	2	87.5	18	1807.0	-	8.629858
10	2	81.6	12	1305.0	-	9.744168
11	3	91.0	5	1117.0	1987.0	10.689182
12	2	91.4	16	1061.0	-	11.588234

Table 18 - 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	69.4	15	1372.0	-	0.389378
2	2	91.1	17	1687.0	-	1.934437
3	2	84.6	8	1524.0	-	2.577563
4	2	82.8	8	1516.0	-	3.638762
5	1	93.8	20	-	-	4.661480
6	3	57.4	19	1384.0	1080.0	5.744054
7	3	78.1	6	1532.0	1666.0	6.960929
8	2	70.5	15	1996.0	-	7.363077
9	3	94.6	13	1112.0	1501.0	8.661340
10	2	51.1	13	1078.0	-	9.564223
11	2	53.0	9	1449.0	-	10.486943
12	2	65.0	10	1723.0	-	11.535195

Table 19 - 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	84.8	11	1440.0	-	0.655539
2	2	50.2	5	1431.0	-	1.509405
3	2	85.2	7	1435.0	-	3.216916
4	2	72.5	18	1225.0	-	4.091509
5	2	82.9	14	1153.0	-	5.748895
6	2	91.8	8	1419.0	-	6.358098
7	2	62.7	5	1266.0	-	7.672643
8	3	68.4	15	1770.0	1670.0	9.451679
9	2	93.9	14	1379.0	-	10.008668
10	1	97.8	13	-	-	11.637363

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.8	17	1790.0	-	0.545521
2	1	67.1	14	-	-	1.289097
3	2	95.0	12	1922.0	-	2.234593
4	2	99.8	13	1160.0	-	2.713972
5	2	67.3	20	1988.0	-	3.883993
6	3	80.5	8	1913.0	1770.0	5.090591
7	3	59.1	11	1168.0	1560.0	5.545421
8	1	71.4	16	-	-	6.360325
9	1	86.7	14	-	-	7.677720
10	2	72.6	15	1886.0	-	8.542590
11	1	99.7	10	-	-	8.597585
12	1	71.9	11	-	-	9.655662
13	2	52.6	10	1664.0	-	10.702085
14	2	100.0	18	1395.0	-	11.535545

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	89.3	13	1637.0	-	0.597213
2	2	62.2	6	1127.0	-	1.208712
3	2	74.2	12	1731.0	-	1.511265
4	2	92.1	8	1664.0	-	1.906276
5	2	89.3	16	1993.0	-	2.950821
6	3	83.6	20	1574.0	1890.0	3.639467
7	2	97.5	11	1055.0	-	4.021240
8	2	77.6	8	1006.0	-	4.515401
9	3	55.8	17	1751.0	1686.0	5.345316
10	2	97.7	6	1318.0	-	6.007504
11	3	79.6	14	1015.0	1703.0	6.892898
12	1	89.7	6	-	-	7.363030
13	3	85.9	16	1102.0	1383.0	7.868418
14	3	69.6	6	1296.0	1390.0	8.408759
15	1	100.0	10	-	-	9.423657
16	2	71.8	11	1047.0	-	9.634388
17	3	63.6	8	1140.0	1043.0	10.258535
18	2	74.5	11	1466.0	-	10.769771
19	2	77.6	8	1371.0	-	11.551569

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.8	6	1581.0	1916.0	0.618252
2	3	82.2	10	1660.0	1903.0	1.164072
3	2	54.9	10	1061.0	-	3.149081
4	2	72.6	14	1172.0	-	3.452706
5	2	79.0	15	1126.0	-	4.902987
6	3	52.1	18	1051.0	1409.0	5.774727
7	2	83.1	16	1857.0	-	6.997345
8	2	60.2	13	1006.0	-	8.315669
9	3	69.7	14	1455.0	1011.0	8.822641

Table 22 - 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)
10	3	63.3	11	1325.0	1976.0	10.805246
11	2	65.9	8	1202.0	-	11.642034

Table 23 - 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	81.8	16	1583.0	-	0.769594
2	2	62.0	13	1125.0	-	1.426339
3	2	62.1	18	1467.0	-	2.108255
4	2	76.3	14	1613.0	-	3.279881
5	3	95.4	19	1571.0	1707.0	4.289117
6	1	74.2	11	-	-	5.190139
7	2	89.8	15	1967.0	-	6.541790
8	2	85.0	10	1408.0	-	7.967964
9	3	92.1	6	1411.0	1249.0	8.738818
10	1	87.1	10	-	-	9.947843
11	1	99.4	6	-	-	10.592394
12	3	51.5	13	1030.0	1405.0	11.694899

Table 24 - 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	2	92.7	5	1996.0	-	0.355383
2	2	62.2	8	1319.0	-	1.894541
3	1	89.8	15	-	-	2.890386
4	2	66.6	20	1487.0	-	4.849400
5	3	63.8	12	1837.0	1519.0	6.367431
6	2	64.4	6	1653.0	-	7.634072
7	2	70.1	11	1908.0	-	9.004233
8	2	87.4	7	1554.0	-	9.533679
9	2	83.6	17	1103.0	-	11.914199

Table 25 - 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	91.3	8	-	-	0.148244
2	2	83.1	19	1902.0	-	2.845208
3	1	75.3	17	-	-	3.089681
4	3	59.4	16	1686.0	1137.0	5.258756
5	2	90.4	7	1786.0	-	7.096490
6	3	97.1	16	1068.0	1921.0	8.557750
7	2	72.2	17	1252.0	-	10.091080
8	2	75.6	14	1349.0	-	11.028705

Table 26 - 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	79.1	17	1330.0	-	1.157257

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
2	1	83.2	18	-	-	1.776084
3	2	89.7	10	1679.0	-	3.536096
4	2	64.0	17	1048.0	-	4.187218
5	1	76.6	13	-	-	6.334379
6	3	99.3	7	1570.0	1316.0	6.704244
7	2	65.0	6	1913.0	-	8.334505
8	3	89.4	16	1618.0	1746.0	10.583291
9	2	66.3	17	1064.0	-	10.789346

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	88.4	12	-	-	0.494154
2	2	89.2	13	1650.0	-	1.259404
3	2	98.7	11	1134.0	-	1.519340
4	2	93.3	18	1266.0	-	2.431390
5	3	77.0	15	1955.0	1612.0	3.201979
6	2	55.6	6	1885.0	-	3.771399
7	2	93.6	16	1852.0	-	4.444881
8	2	90.4	7	1609.0	-	4.717959
9	2	55.1	8	1810.0	-	5.968802
10	3	90.9	12	1347.0	1485.0	6.350142
11	3	96.0	20	1961.0	1829.0	6.675905
12	1	79.0	9	-	-	7.823015
13	3	96.0	10	1903.0	1207.0	8.081257
14	2	66.1	10	1052.0	-	9.108764
15	2	88.2	12	1735.0	-	9.973387
16	2	54.5	8	1721.0	-	10.661893
17	2	96.8	16	1943.0	-	10.781320
18	1	81.7	6	-	-	11.483849

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	64.1	5	-	-	0.387340
2	1	81.9	13	-	-	0.880327
3	2	97.2	14	1738.0	-	1.602039
4	3	84.9	17	1985.0	1920.0	2.116354
5	2	66.5	16	1034.0	-	2.686220
6	3	55.2	6	1345.0	1106.0	3.476926
7	2	99.5	19	1100.0	-	4.066017
8	2	56.9	15	1512.0	-	4.937536
9	2	84.2	6	1600.0	-	5.422455
10	3	69.7	11	1255.0	1617.0	6.059025
11	2	52.4	19	1010.0	-	6.825081
12	2	86.8	6	1657.0	-	7.443805
13	2	73.5	6	1196.0	-	7.701180
14	2	53.4	13	1914.0	-	8.673862
15	2	90.9	8	1345.0	-	9.075457
16	2	76.8	7	1527.0	-	9.486699

Table 28 - HT 20 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)
17	3	94.2	14	1489.0	1986.0	10.163146
18	2	94.6	16	1166.0	-	11.273493
19	2	95.2	19	1240.0	-	11.950523

Table 29 - 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	1	83.8	10	-	-	0.350092
2	1	64.0	20	-	-	1.464625
3	2	94.6	19	1808.0	-	2.534522
4	3	80.1	13	1652.0	1401.0	2.741913
5	2	93.7	17	1239.0	-	3.848187
6	1	89.8	10	-	-	4.762283
7	3	61.2	16	1998.0	1591.0	5.488880
8	2	51.1	18	1959.0	-	6.424727
9	2	57.8	16	1283.0	-	7.656744
10	3	53.2	8	1886.0	1939.0	8.398654
11	3	62.2	10	1345.0	1509.0	9.082621
12	2	58.2	5	1645.0	-	9.535032
13	2	62.4	14	1080.0	-	10.567230
14	1	95.7	16	-	-	11.313290

Table 30 - 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	2	86.8	9	1435.0	-	0.432639
2	2	95.1	7	1539.0	-	0.803848
3	1	96.3	11	-	-	1.304680
4	1	61.3	12	-	-	2.383048
5	2	80.3	17	1172.0	-	2.820028
6	1	93.3	14	-	-	3.505523
7	2	50.2	15	1314.0	-	3.911654
8	2	65.5	7	2000.0	-	4.956149
9	1	55.8	10	-	-	5.240887
10	3	83.7	14	1170.0	1809.0	5.788021
11	2	70.0	18	1159.0	-	6.869165
12	2	78.8	8	1420.0	-	7.541807
13	2	80.7	17	1954.0	-	7.782195
14	1	89.7	10	-	-	8.269100
15	3	65.1	5	1843.0	1954.0	9.136275
16	2	66.2	12	1884.0	-	10.049867
17	2	96.6	10	1623.0	-	10.246887
18	2	89.9	5	1966.0	-	11.085515
19	1	72.7	11	-	-	11.467689

Table 31 - HT 20 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	1	77.9	18	-	-	0.342238

Table 31 - HT 20 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)
2	2	72.3	12	1177.0	-	1.690756
3	2	93.8	6	1345.0	-	2.456426
4	2	56.8	15	1423.0	-	3.749382
5	2	98.9	20	1394.0	-	4.345204
6	2	66.2	18	1509.0	-	5.110612
7	2	59.1	15	1095.0	-	6.776155
8	2	53.3	14	1804.0	-	7.184619
9	1	70.3	14	-	-	8.970616
10	2	88.5	8	1413.0	-	9.269659
11	3	77.3	6	1634.0	1140.0	10.408288
12	2	83.7	10	1615.0	-	11.389117

Table 32 - 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	3	57.2	11	1183.0	1356.0	0.514298
2	2	86.9	6	1315.0	-	1.323103
3	2	95.8	15	1083.0	-	1.861385
4	1	85.1	12	-	-	2.299937
5	3	61.7	17	1045.0	1902.0	3.415354
6	1	80.9	19	-	-	4.024077
7	1	99.9	19	-	-	4.386463
8	1	66.4	10	-	-	5.615126
9	2	96.6	8	1669.0	-	5.876479
10	2	60.9	5	1083.0	-	7.031484
11	2	70.5	20	1295.0	-	7.759607
12	2	76.1	16	1362.0	-	7.977826
13	2	61.2	11	1441.0	-	8.989865
14	2	79.2	9	1392.0	-	9.722267
15	3	80.2	16	1644.0	1703.0	10.198805
16	2	53.6	7	1033.0	-	10.991433
17	2	50.7	15	1850.0	-	11.830231

Table 33 - 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	3	90.4	20	1041.0	1299.0	0.173865
2	2	75.1	15	1860.0	-	1.496138
3	2	89.7	6	1016.0	-	3.469541
4	2	51.2	13	1406.0	-	3.984615
5	2	63.4	11	1704.0	-	5.227656
6	2	67.9	16	1677.0	-	6.320821
7	3	79.2	20	1399.0	1384.0	7.296201
8	2	71.1	10	1674.0	-	9.571691
9	1	98.3	15	-	-	9.961372
10	2	56.9	10	1825.0	-	11.330076

Table 34 - HT 20 Long Sequence Waveform Trial#23 (Detected)						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.6	16	1859.0	1094.0	1.206579
2	2	78.5	10	1354.0	-	2.143662
3	3	84.8	17	1997.0	1703.0	3.446641
4	2	72.5	8	1390.0	-	4.041781
5	1	54.6	14	-	-	5.537062
6	3	52.0	14	1368.0	1264.0	6.892567
7	1	65.4	18	-	-	9.243034
8	1	69.7	7	-	-	10.245175
9	3	71.5	15	1402.0	1997.0	11.834607

Table 35 - 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	1	62.0	9	-	-	0.272952
2	1	53.2	8	-	-	0.930593
3	2	62.6	19	1667.0	-	2.077816
4	3	94.2	13	1309.0	1142.0	3.439333
5	2	74.1	10	1048.0	-	4.057952
6	2	73.1	9	1469.0	-	5.239878
7	2	89.4	19	1953.0	-	5.578315
8	2	83.3	17	1963.0	-	6.645765
9	3	84.2	20	1134.0	1067.0	8.264289
10	2	95.2	7	1288.0	-	8.359642
11	3	58.7	13	1645.0	1030.0	9.899330
12	1	55.7	14	-	-	10.681371
13	2	75.6	6	1661.0	-	11.680688

Table 36 - 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	86.3	12	-	-	0.337611
2	2	66.0	15	1942.0	-	0.645267
3	2	81.1	9	1020.0	-	1.202603
4	1	80.4	7	-	-	1.983655
5	2	90.7	10	1018.0	-	2.945399
6	1	63.2	8	-	-	3.150573
7	2	76.4	14	1244.0	-	4.126237
8	2	68.3	19	1616.0	-	4.484638
9	2	75.7	16	1482.0	-	5.069727
10	2	64.0	13	1916.0	-	5.658516
11	2	62.1	17	1094.0	-	6.146441
12	2	51.5	18	1451.0	-	6.789910
13	3	56.2	14	1315.0	1501.0	7.761940
14	1	58.5	17	-	-	8.124882
15	3	62.6	6	1004.0	1079.0	8.417047
16	3	85.0	18	1139.0	1177.0	9.590002
17	2	58.4	8	1991.0	-	9.771161
18	1	54.0	14	-	-	10.758677
19	1	56.9	13	-	-	11.083865
20	1	53.6	10	-	-	11.789268

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	65.3	12	1176.0	-	0.444066
2	3	98.2	16	1909.0	1033.0	1.770168
3	2	66.7	12	1780.0	-	2.868432
4	2	67.5	11	1471.0	-	4.319721
5	1	94.2	19	-	-	4.855541
6	2	70.4	12	1044.0	-	6.828516
7	1	91.5	17	-	-	8.188788
8	2	58.6	13	1560.0	-	9.594800
9	2	55.2	17	1230.0	-	10.342177
10	1	80.4	8	-	-	11.644788

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	79.3	10	1926.0	1586.0	1.490499
2	1	90.9	19	-	-	2.794513
3	2	57.7	8	1919.0	-	4.380118
4	2	50.8	15	1573.0	-	5.076191
5	2	61.4	9	1443.0	-	7.395164
6	2	98.5	6	1278.0	-	7.909307
7	1	71.2	16	-	-	9.333958
8	3	83.5	13	1040.0	1429.0	10.927642

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.7	11	-	-	0.239215
2	2	83.9	9	1059.0	-	1.394822
3	1	64.8	5	-	-	2.610548
4	2	60.9	6	1967.0	-	4.353890
5	3	61.4	13	1844.0	1339.0	5.180317
6	1	61.8	7	-	-	6.137422
7	2	54.8	16	1102.0	-	7.569277
8	1	58.6	13	-	-	8.604019
9	3	58.7	11	1855.0	1515.0	9.177735
10	2	58.9	20	1202.0	-	10.671967
11	3	63.4	12	1887.0	1665.0	11.589377

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	62.7	7	-	-	0.619052
2	2	80.0	14	1931.0	-	0.682925
3	1	64.1	18	-	-	1.714070
4	2	51.6	5	1243.0	-	1.903569
5	2	53.0	8	1662.0	-	2.926006
6	1	61.5	11	-	-	3.172371
7	2	81.2	16	1151.0	-	4.328240
8	2	77.2	6	1971.0	-	4.822764

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
9	3	61.6	15	1343.0	1994.0	5.341194
10	3	90.5	11	1675.0	1906.0	5.776394
11	2	76.3	11	1718.0	-	6.656525
12	1	80.5	16	-	-	7.358067
13	1	63.9	15	-	-	8.101366
14	1	50.1	8	-	-	8.741796
15	2	63.7	13	1778.0	-	8.848528
16	2	64.6	16	1700.0	-	9.857931
17	3	67.5	17	1027.0	1876.0	10.617296
18	2	78.4	15	1763.0	-	10.860896
19	2	60.1	7	1673.0	-	11.990639

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.4	9	-	-	0.373795
2	3	63.9	16	1378.0	1396.0	1.039106
3	1	59.4	8	-	-	2.437054
4	3	96.4	17	1014.0	1498.0	3.030436
5	1	62.0	15	-	-	3.895712
6	2	68.4	15	1112.0	-	4.346914
7	2	83.9	13	1518.0	-	5.467513
8	3	77.3	8	1023.0	1657.0	6.575939
9	3	60.1	7	1878.0	1535.0	7.670065
10	3	52.8	15	1944.0	1683.0	8.097876
11	2	79.0	16	1698.0	-	9.236438
12	3	69.4	14	1951.0	1077.0	10.112084
13	2	88.5	12	1437.0	-	10.914452
14	3	60.4	8	1641.0	1253.0	11.197709

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
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Table 42 - 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	5528.0MHz, -64.0dBm	Hop sequence: 5328, 5471, 5606, 5392, 5330, 5674, 5317, 5278, 5639, 5301, 5615, 5449, 5432, 5703, 5696, 5682, 5292, 5726, 5378, 5516, 5344, 5632, 5589, 5480, 5310, 5306, 5570, 5364, 5479, 5563, 5389, 5532, 5338, 5443, 5561, 5613, 5382, 5518, 5379, 5342, 5332, 5460, 5708, 5545, 5722, 5509, 5343, 5542, 5456, 5669, 5414, 5623, 5341, 5657, 5635, 5410, 5252, 5442, 5409, 5624, 5501, 5608, 5371, 5603, 5702, 5337, 5385, 5268, 5552, 5254, 5451, 5576, 5256, 5461, 5704, 5293, 5473, 5630, 5496, 5670, 5705, 5498, 5269, 5485, 5444, 5714, 5277, 5283, 5321, 5587, 5566, 5348, 5544, 5528, 5448, 5416, 5433, 5347, 5686, 5422 (7 hits) (03/25/2013 09:07:32 PM)
2	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5322, 5606, 5261, 5624, 5701, 5332, 5453, 5625, 5532, 5522, 5707, 5468, 5426, 5273, 5315, 5502, 5306, 5672, 5670, 5346, 5419, 5348, 5681, 5590, 5317, 5457, 5427, 5684, 5392, 5712, 5694, 5505, 5486, 5388, 5540, 5280, 5359, 5551, 5434, 5463, 5395, 5524, 5490, 5474, 5720, 5257, 5352, 5562, 5336, 5303, 5603, 5477, 5678, 5356, 5347, 5552, 5605, 5437, 5279, 5334, 5287, 5253, 5290, 5641, 5659, 5645, 5725, 5635, 5444, 5576, 5296, 5630, 5663, 5650, 5305, 5275, 5454, 5629, 5722, 5558, 5515, 5516, 5497, 5547, 5267, 5259, 5489, 5709, 5572, 5637, 5304, 5298, 5721, 5391, 5286, 5617, 5318, 5582, 5266, 5328 (7 hits) (03/25/2013 09:07:39 PM)
3	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5656, 5379, 5681, 5654, 5544, 5465, 5599, 5427, 5595, 5440, 5424, 5666, 5522, 5382, 5337, 5268, 5430, 5278, 5458, 5442, 5658, 5627, 5630, 5696, 5331, 5343, 5594, 5334, 5447, 5525, 5609, 5452, 5706, 5356, 5568, 5480, 5680, 5253, 5705, 5533, 5717, 5590, 5642, 5629, 5702, 5703, 5371, 5615, 5673, 5411, 5679, 5318, 5479,

Table 42 - 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, 5564, 5632, 5381, 5416, 5400, 5600, 5719, 5650, 5359, 5667, 5520, 5546, 5640, 5403, 5560, 5267, 5257, 5252, 5669, 5366, 5339, 5486, 5583, 5346, 5312, 5467, 5531, 5389, 5327, 5326, 5435, 5316, 5506, 5571, 5494, 5684, 5271, 5603, 5541, 5310, 5394, 5499, 5272, 5539, 5495, 5369 (7 hits) (03/25/2013 09:07:48 PM)
4	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5554, 5715, 5363, 5285, 5504, 5546, 5375, 5561, 5592, 5725, 5659, 5415, 5558, 5625, 5467, 5449, 5371, 5684, 5411, 5512, 5271, 5366, 5396, 5509, 5274, 5672, 5711, 5689, 5374, 5578, 5401, 5251, 5327, 5700, 5566, 5304, 5441, 5288, 5666, 5508, 5687, 5433, 5341, 5663, 5347, 5665, 5710, 5714, 5650, 5430, 5709, 5563, 5306, 5556, 5367, 5524, 5387, 5453, 5517, 5481, 5397, 5647, 5381, 5331, 5313, 5440, 5617, 5434, 5362, 5320, 5662, 5259, 5646, 5712, 5686, 5637, 5590, 5575, 5314, 5668, 5697, 5329, 5638, 5435, 5379, 5567, 5643, 5489, 5653, 5324, 5350, 5334, 5254, 5423, 5463, 5547, 5540, 5333, 5530, 5500 (7 hits) (03/25/2013 09:07:55 PM)
5	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5385, 5693, 5479, 5487, 5263, 5319, 5702, 5261, 5412, 5256, 5287, 5298, 5279, 5562, 5697, 5604, 5329, 5289, 5387, 5460, 5430, 5514, 5723, 5564, 5673, 5496, 5647, 5260, 5284, 5617, 5382, 5713, 5623, 5724, 5285, 5636, 5252, 5690, 5714, 5451, 5306, 5659, 5710, 5529, 5537, 5704, 5684, 5353, 5265, 5384, 5352, 5547, 5416, 5666, 5445, 5621, 5667, 5681, 5639, 5656, 5582, 5677, 5301, 5519, 5567, 5692, 5375, 5268, 5440, 5504, 5425, 5503, 5508, 5396, 5381, 5483, 5444, 5431, 5455, 5718, 5276, 5406, 5459, 5453, 5701, 5632, 5610, 5670, 5502, 5685, 5625, 5585, 5577, 5454, 5555, 5482, 5362, 5448, 5614, 5380 (8 hits) (03/25/2013 09:08:01 PM)

Table 42 - 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	5494.0MHz, -64.0dBm	Hop sequence: 5364, 5492, 5498, 5579, 5488, 5624, 5539, 5444, 5331, 5281, 5359, 5505, 5659, 5599, 5344, 5383, 5296, 5685, 5572, 5428, 5313, 5384, 5485, 5677, 5529, 5523, 5569, 5311, 5639, 5404, 5635, 5632, 5695, 5390, 5515, 5591, 5580, 5343, 5320, 5360, 5544, 5479, 5353, 5564, 5705, 5628, 5283, 5446, 5338, 5607, 5595, 5689, 5621, 5381, 5314, 5349, 5506, 5676, 5673, 5680, 5375, 5412, 5481, 5490, 5533, 5258, 5582, 5477, 5666, 5567, 5429, 5340, 5336, 5557, 5648, 5293, 5407, 5482, 5525, 5548, 5322, 5691, 5642, 5437, 5663, 5290, 5298, 5655, 5597, 5678, 5551, 5570, 5596, 5308, 5430, 5284, 5449, 5517, 5559, 5270 (9 hits) (03/25/2013 09:08:10 PM)
7	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5641, 5707, 5485, 5399, 5596, 5620, 5529, 5330, 5297, 5315, 5439, 5314, 5397, 5420, 5668, 5413, 5387, 5279, 5512, 5469, 5724, 5492, 5418, 5660, 5356, 5570, 5533, 5253, 5433, 5723, 5687, 5713, 5505, 5270, 5576, 5638, 5545, 5367, 5662, 5605, 5600, 5403, 5580, 5424, 5678, 5574, 5328, 5464, 5490, 5343, 5359, 5256, 5607, 5550, 5317, 5355, 5610, 5681, 5693, 5506, 5551, 5690, 5474, 5391, 5624, 5276, 5622, 5293, 5583, 5456, 5447, 5309, 5318, 5470, 5499, 5254, 5710, 5682, 5486, 5365, 5539, 5272, 5364, 5573, 5480, 5430, 5647, 5453, 5467, 5497, 5411, 5423, 5340, 5625, 5290, 5664, 5334, 5415, 5564, 5332 (7 hits) (03/25/2013 09:08:18 PM)
8	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5720, 5460, 5410, 5325, 5276, 5416, 5640, 5384, 5402, 5633, 5333, 5296, 5637, 5470, 5452, 5319, 5521, 5661, 5631, 5513, 5295, 5330, 5489, 5586, 5632, 5382, 5315, 5357, 5362, 5721, 5347, 5497, 5343, 5667, 5263, 5660, 5310, 5326, 5301, 5658, 5559, 5373, 5568, 5508, 5260, 5350, 5278, 5480, 5715, 5599, 5515, 5538, 5709,

Table 42 - 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
						5355, 5692, 5281, 5542, 5341, 5398, 5463, 5704, 5626, 5628, 5693, 5425, 5390, 5411, 5696, 5438, 5651, 5592, 5583, 5318, 5287, 5427, 5481, 5432, 5478, 5445, 5507, 5492, 5327, 5279, 5613, 5482, 5719, 5511, 5723, 5421, 5687, 5567, 5266, 5442, 5574, 5565, 5566, 5417, 5540, 5381, 5379 (8 hits) (03/25/2013 09:08:25 PM)
9	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5426, 5574, 5262, 5472, 5482, 5334, 5527, 5368, 5275, 5526, 5350, 5602, 5578, 5404, 5356, 5261, 5565, 5559, 5371, 5669, 5704, 5699, 5552, 5610, 5428, 5393, 5452, 5320, 5257, 5657, 5410, 5392, 5313, 5645, 5305, 5379, 5486, 5455, 5492, 5684, 5271, 5724, 5518, 5586, 5387, 5324, 5311, 5416, 5473, 5618, 5673, 5522, 5674, 5549, 5260, 5299, 5337, 5429, 5369, 5513, 5373, 5464, 5310, 5349, 5417, 5521, 5598, 5419, 5650, 5327, 5658, 5300, 5270, 5254, 5571, 5583, 5715, 5591, 5398, 5682, 5666, 5344, 5543, 5507, 5679, 5346, 5321, 5505, 5298, 5614, 5375, 5664, 5459, 5622, 5576, 5604, 5676, 5296, 5655, 5316 (9 hits) (03/25/2013 09:08:36 PM)
10	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5313, 5297, 5348, 5704, 5412, 5339, 5570, 5483, 5651, 5562, 5726, 5652, 5487, 5555, 5409, 5551, 5642, 5611, 5270, 5284, 5714, 5304, 5574, 5540, 5298, 5564, 5307, 5261, 5724, 5343, 5685, 5720, 5318, 5639, 5663, 5467, 5586, 5708, 5399, 5311, 5254, 5401, 5647, 5259, 5267, 5406, 5475, 5491, 5302, 5513, 5516, 5484, 5688, 5367, 5554, 5633, 5580, 5479, 5420, 5256, 5293, 5328, 5711, 5696, 5560, 5598, 5576, 5578, 5535, 5577, 5309, 5252, 5507, 5669, 5595, 5434, 5665, 5281, 5363, 5478, 5630, 5471, 5364, 5423, 5687, 5301, 5521, 5280, 5358, 5489, 5543, 5465, 5599, 5317, 5502, 5366, 5386, 5387, 5547, 5283 (6 hits) (03/25/2013 09:08:44 PM)

Table 42 - 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	5499.0MHz, -64.0dBm	Hop sequence: 5420, 5597, 5303, 5309, 5425, 5553, 5340, 5717, 5392, 5631, 5351, 5720, 5421, 5323, 5682, 5507, 5455, 5408, 5346, 5348, 5494, 5355, 5561, 5543, 5630, 5575, 5381, 5678, 5390, 5467, 5301, 5703, 5555, 5478, 5549, 5674, 5702, 5581, 5563, 5697, 5651, 5552, 5495, 5306, 5624, 5660, 5589, 5260, 5386, 5344, 5666, 5259, 5383, 5566, 5298, 5536, 5275, 5518, 5499, 5307, 5326, 5493, 5712, 5679, 5604, 5322, 5709, 5258, 5516, 5522, 5635, 5576, 5414, 5550, 5433, 5465, 5627, 5676, 5595, 5675, 5605, 5574, 5473, 5672, 5637, 5422, 5684, 5505, 5690, 5444, 5534, 5294, 5527, 5397, 5439, 5471, 5464, 5401, 5548, 5342 (10 hits) (03/25/2013 09:08:56 PM)
12	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5404, 5278, 5632, 5450, 5420, 5718, 5538, 5439, 5658, 5642, 5648, 5707, 5275, 5565, 5436, 5425, 5530, 5575, 5363, 5696, 5342, 5630, 5484, 5460, 5448, 5360, 5625, 5295, 5416, 5480, 5321, 5588, 5435, 5257, 5274, 5399, 5337, 5622, 5459, 5510, 5650, 5673, 5428, 5597, 5713, 5519, 5657, 5709, 5253, 5263, 5377, 5438, 5504, 5701, 5683, 5562, 5558, 5449, 5697, 5609, 5441, 5369, 5587, 5549, 5444, 5367, 5487, 5536, 5457, 5515, 5483, 5598, 5286, 5634, 5308, 5431, 5378, 5297, 5531, 5481, 5411, 5652, 5524, 5366, 5507, 5649, 5396, 5691, 5685, 5477, 5542, 5351, 5273, 5316, 5603, 5717, 5670, 5688, 5596, 5393 (6 hits) (03/25/2013 09:09:04 PM)
13	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5484, 5688, 5612, 5450, 5641, 5721, 5654, 5488, 5566, 5475, 5266, 5701, 5465, 5500, 5313, 5403, 5285, 5335, 5685, 5722, 5385, 5555, 5663, 5664, 5591, 5291, 5269, 5309, 5597, 5422, 5629, 5379, 5342, 5653, 5585, 5391, 5396, 5295, 5460, 5528, 5256, 5643, 5616, 5697, 5662, 5274, 5332, 5411, 5712, 5257, 5373, 5358, 5510,

Table 42 - 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
						5482, 5392, 5290, 5523, 5321, 5526, 5557, 5259, 5265, 5541, 5586, 5532, 5539, 5398, 5606, 5463, 5302, 5270, 5436, 5296, 5713, 5331, 5625, 5645, 5495, 5458, 5341, 5535, 5277, 5292, 5415, 5255, 5441, 5497, 5451, 5512, 5310, 5276, 5487, 5251, 5447, 5275, 5669, 5349, 5491, 5456, 5372 (9 hits) (03/25/2013 09:09:12 PM)
14	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5701, 5442, 5539, 5330, 5462, 5656, 5627, 5271, 5671, 5477, 5395, 5409, 5362, 5270, 5289, 5476, 5700, 5611, 5256, 5322, 5666, 5699, 5716, 5672, 5533, 5419, 5263, 5606, 5635, 5265, 5370, 5502, 5629, 5683, 5659, 5616, 5592, 5373, 5609, 5691, 5633, 5435, 5717, 5355, 5380, 5703, 5488, 5654, 5481, 5272, 5451, 5473, 5349, 5471, 5724, 5348, 5599, 5644, 5626, 5552, 5590, 5431, 5423, 5527, 5536, 5441, 5340, 5638, 5645, 5281, 5548, 5695, 5361, 5551, 5601, 5509, 5344, 5579, 5610, 5596, 5496, 5288, 5478, 5715, 5649, 5410, 5319, 5490, 5375, 5589, 5456, 5517, 5274, 5559, 5346, 5498, 5367, 5353, 5494, 5401 (7 hits) (03/25/2013 09:09:20 PM)
15	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5435, 5608, 5697, 5443, 5257, 5586, 5449, 5495, 5395, 5375, 5614, 5321, 5259, 5413, 5365, 5720, 5299, 5711, 5343, 5704, 5336, 5372, 5406, 5303, 5675, 5512, 5516, 5535, 5653, 5539, 5524, 5578, 5612, 5481, 5397, 5424, 5555, 5681, 5520, 5270, 5526, 5569, 5585, 5699, 5387, 5291, 5713, 5335, 5671, 5479, 5394, 5632, 5313, 5507, 5638, 5631, 5497, 5475, 5623, 5691, 5613, 5615, 5316, 5466, 5682, 5379, 5319, 5528, 5455, 5362, 5527, 5694, 5442, 5584, 5432, 5292, 5349, 5453, 5383, 5275, 5717, 5550, 5606, 5597, 5405, 5546, 5568, 5616, 5698, 5477, 5646, 5315, 5391, 5637, 5622, 5502, 5456, 5562, 5417, 5357 (11 hits) (03/25/2013 09:09:28 PM)

Table 42 - 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	5504.0MHz, -64.0dBm	Hop sequence: 5675, 5349, 5566, 5311, 5356, 5512, 5460, 5323, 5355, 5594, 5539, 5289, 5681, 5474, 5657, 5673, 5369, 5720, 5458, 5453, 5395, 5519, 5685, 5663, 5332, 5329, 5687, 5534, 5270, 5263, 5708, 5452, 5617, 5530, 5713, 5538, 5275, 5701, 5467, 5292, 5689, 5642, 5417, 5386, 5495, 5393, 5436, 5499, 5623, 5372, 5374, 5580, 5408, 5492, 5636, 5266, 5609, 5572, 5258, 5524, 5410, 5256, 5304, 5384, 5644, 5510, 5260, 5695, 5532, 5591, 5376, 5411, 5528, 5459, 5522, 5649, 5359, 5431, 5493, 5346, 5497, 5711, 5319, 5483, 5336, 5715, 5593, 5382, 5620, 5584, 5320, 5303, 5445, 5535, 5586, 5315, 5614, 5660, 5468, 5426 (11 hits) (03/25/2013 09:09:38 PM)
17	9	1.0	333.0	No	5505.0MHz, -64.0dBm	Hop sequence: 5314, 5544, 5318, 5327, 5338, 5317, 5698, 5553, 5364, 5406, 5431, 5303, 5345, 5495, 5579, 5632, 5602, 5427, 5341, 5348, 5469, 5567, 5640, 5583, 5626, 5354, 5460, 5710, 5407, 5678, 5696, 5614, 5261, 5538, 5276, 5512, 5724, 5322, 5309, 5692, 5559, 5331, 5650, 5283, 5508, 5346, 5285, 5279, 5668, 5556, 5591, 5432, 5533, 5502, 5549, 5484, 5503, 5683, 5712, 5252, 5704, 5577, 5459, 5498, 5265, 5453, 5514, 5367, 5609, 5413, 5499, 5706, 5349, 5540, 5481, 5381, 5501, 5617, 5335, 5374, 5522, 5351, 5267, 5555, 5474, 5326, 5606, 5266, 5629, 5442, 5715, 5709, 5308, 5513, 5547, 5699, 5718, 5358, 5631, 5463 (11 hits) (03/25/2013 09:09:46 PM)
18	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5664, 5540, 5609, 5293, 5256, 5395, 5557, 5458, 5456, 5358, 5673, 5723, 5646, 5255, 5567, 5628, 5346, 5535, 5625, 5270, 5409, 5368, 5400, 5397, 5271, 5278, 5620, 5292, 5547, 5569, 5686, 5402, 5352, 5717, 5488, 5321, 5702, 5298, 5353, 5613, 5385, 5421, 5513, 5524, 5659, 5465, 5340, 5573, 5563, 5629, 5343, 5460, 5685,

Table 42 - 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
						5282, 5591, 5509, 5337, 5370, 5610, 5643, 5254, 5379, 5500, 5545, 5384, 5601, 5632, 5571, 5311, 5341, 5415, 5274, 5548, 5699, 5525, 5356, 5633, 5466, 5561, 5275, 5655, 5562, 5390, 5479, 5537, 5660, 5586, 5578, 5604, 5277, 5342, 5303, 5372, 5496, 5626, 5596, 5707, 5714, 5661, 5258 (6 hits) (03/25/2013 09:09:53 PM)
19	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5406, 5482, 5681, 5644, 5460, 5385, 5494, 5697, 5474, 5439, 5264, 5634, 5390, 5265, 5559, 5648, 5426, 5288, 5666, 5409, 5502, 5355, 5489, 5542, 5555, 5363, 5359, 5416, 5358, 5290, 5608, 5691, 5476, 5488, 5289, 5253, 5705, 5401, 5477, 5628, 5345, 5285, 5472, 5699, 5480, 5374, 5423, 5615, 5633, 5259, 5486, 5627, 5333, 5536, 5623, 5391, 5673, 5271, 5484, 5618, 5373, 5581, 5533, 5368, 5418, 5487, 5679, 5348, 5443, 5576, 5693, 5654, 5492, 5524, 5330, 5447, 5717, 5595, 5630, 5500, 5458, 5706, 5411, 5534, 5626, 5670, 5475, 5611, 5519, 5636, 5522, 5376, 5711, 5403, 5446, 5619, 5298, 5714, 5269, 5713 (7 hits) (03/25/2013 09:10:02 PM)
20	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5619, 5268, 5623, 5502, 5531, 5278, 5405, 5415, 5469, 5615, 5572, 5431, 5407, 5416, 5473, 5252, 5674, 5317, 5454, 5520, 5668, 5357, 5561, 5656, 5588, 5580, 5303, 5341, 5532, 5456, 5420, 5726, 5725, 5654, 5499, 5333, 5640, 5577, 5516, 5342, 5339, 5661, 5350, 5522, 5554, 5437, 5694, 5285, 5277, 5519, 5713, 5608, 5633, 5419, 5650, 5361, 5287, 5651, 5551, 5606, 5355, 5719, 5590, 5453, 5575, 5434, 5280, 5387, 5662, 5292, 5331, 5430, 5709, 5602, 5697, 5442, 5688, 5481, 5257, 5564, 5647, 5618, 5329, 5598, 5360, 5593, 5309, 5325, 5496, 5399, 5260, 5569, 5452, 5344, 5610, 5495, 5643, 5313, 5600, 5379 (8 hits) (03/25/2013 09:10:09 PM)

Table 42 - 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	5509.0MHz, -64.0dBm	Hop sequence: 5439, 5348, 5585, 5460, 5413, 5546, 5334, 5382, 5688, 5564, 5264, 5335, 5303, 5415, 5367, 5257, 5504, 5341, 5725, 5604, 5424, 5421, 5274, 5473, 5619, 5545, 5466, 5366, 5628, 5349, 5309, 5668, 5342, 5516, 5538, 5500, 5610, 5663, 5581, 5368, 5291, 5433, 5659, 5537, 5672, 5359, 5517, 5386, 5404, 5351, 5635, 5622, 5648, 5660, 5548, 5484, 5519, 5644, 5298, 5586, 5261, 5445, 5252, 5447, 5436, 5379, 5350, 5718, 5453, 5493, 5273, 5345, 5578, 5275, 5587, 5426, 5369, 5662, 5344, 5637, 5702, 5472, 5281, 5376, 5724, 5671, 5712, 5352, 5684, 5406, 5300, 5686, 5444, 5645, 5479, 5507, 5286, 5282, 5654, 5596 (7 hits) (03/25/2013 09:10:21 PM)
22	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5333, 5398, 5600, 5556, 5256, 5534, 5286, 5400, 5407, 5342, 5698, 5605, 5365, 5561, 5674, 5327, 5525, 5599, 5376, 5640, 5435, 5415, 5281, 5518, 5668, 5680, 5397, 5475, 5349, 5359, 5504, 5522, 5470, 5708, 5576, 5618, 5570, 5601, 5520, 5321, 5646, 5642, 5567, 5423, 5480, 5448, 5687, 5620, 5469, 5719, 5701, 5345, 5650, 5667, 5694, 5500, 5632, 5697, 5673, 5331, 5309, 5337, 5264, 5410, 5455, 5544, 5686, 5279, 5350, 5310, 5506, 5483, 5371, 5393, 5532, 5494, 5503, 5285, 5284, 5603, 5549, 5453, 5287, 5502, 5298, 5578, 5649, 5515, 5318, 5354, 5401, 5662, 5655, 5471, 5630, 5270, 5683, 5441, 5531, 5679 (11 hits) (03/25/2013 09:10:31 PM)
23	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5319, 5336, 5515, 5653, 5718, 5340, 5387, 5544, 5405, 5715, 5291, 5634, 5704, 5328, 5547, 5385, 5437, 5477, 5664, 5315, 5694, 5362, 5615, 5485, 5673, 5711, 5525, 5327, 5532, 5264, 5700, 5511, 5566, 5335, 5577, 5446, 5344, 5498, 5633, 5337, 5307, 5571, 5627, 5614, 5478, 5365, 5506, 5389, 5678, 5425, 5433, 5546, 5640,

Table 42 - 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
						5401, 5422, 5686, 5371, 5677, 5322, 5396, 5420, 5641, 5273, 5416, 5716, 5622, 5482, 5426, 5509, 5347, 5551, 5407, 5452, 5576, 5486, 5642, 5492, 5493, 5529, 5368, 5330, 5275, 5321, 5370, 5363, 5608, 5692, 5369, 5334, 5513, 5708, 5626, 5663, 5329, 5454, 5257, 5366, 5681, 5316, 5621 (10 hits) (03/25/2013 09:10:40 PM)
24	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5674, 5452, 5532, 5563, 5268, 5308, 5278, 5592, 5521, 5677, 5340, 5559, 5693, 5277, 5575, 5458, 5518, 5699, 5331, 5537, 5710, 5326, 5712, 5687, 5474, 5321, 5613, 5384, 5318, 5371, 5680, 5461, 5645, 5573, 5256, 5346, 5632, 5569, 5478, 5285, 5471, 5642, 5650, 5380, 5510, 5629, 5565, 5431, 5577, 5621, 5298, 5520, 5624, 5300, 5658, 5490, 5317, 5420, 5606, 5290, 5496, 5480, 5405, 5369, 5444, 5394, 5316, 5309, 5581, 5507, 5351, 5424, 5343, 5381, 5530, 5600, 5544, 5342, 5255, 5354, 5578, 5299, 5689, 5428, 5487, 5610, 5500, 5501, 5327, 5631, 5665, 5572, 5355, 5582, 5662, 5451, 5440, 5505, 5457, 5703 (9 hits) (03/25/2013 09:10:47 PM)
25	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5310, 5358, 5416, 5378, 5671, 5499, 5565, 5285, 5357, 5459, 5307, 5316, 5672, 5543, 5570, 5511, 5369, 5262, 5278, 5606, 5256, 5331, 5324, 5496, 5453, 5569, 5646, 5365, 5714, 5345, 5491, 5354, 5710, 5527, 5503, 5420, 5702, 5616, 5685, 5433, 5314, 5299, 5659, 5625, 5479, 5436, 5405, 5444, 5424, 5447, 5472, 5308, 5342, 5427, 5391, 5555, 5395, 5264, 5294, 5694, 5422, 5396, 5559, 5480, 5502, 5552, 5347, 5637, 5655, 5451, 5399, 5304, 5554, 5500, 5617, 5431, 5643, 5440, 5446, 5402, 5597, 5408, 5429, 5364, 5676, 5300, 5414, 5629, 5404, 5274, 5383, 5508, 5329, 5379, 5333, 5585, 5386, 5292, 5340, 5582 (9 hits) (03/25/2013 09:10:56 PM)

Table 42 - 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	5514.0MHz, -64.0dBm	Hop sequence: 5356, 5318, 5462, 5446, 5573, 5531, 5455, 5647, 5566, 5358, 5333, 5654, 5644, 5429, 5260, 5578, 5622, 5466, 5686, 5522, 5540, 5632, 5301, 5556, 5372, 5346, 5707, 5617, 5563, 5590, 5283, 5278, 5570, 5557, 5394, 5722, 5349, 5406, 5367, 5681, 5338, 5537, 5725, 5523, 5614, 5693, 5270, 5609, 5635, 5661, 5671, 5583, 5306, 5374, 5475, 5400, 5703, 5320, 5723, 5554, 5606, 5477, 5493, 5688, 5492, 5307, 5588, 5589, 5484, 5536, 5641, 5546, 5456, 5398, 5387, 5497, 5663, 5277, 5642, 5651, 5255, 5542, 5653, 5254, 5383, 5569, 5655, 5547, 5668, 5620, 5368, 5649, 5469, 5591, 5658, 5613, 5252, 5431, 5280, 5717 (5 hits) (03/25/2013 09:11:04 PM)
27	9	1.0	333.0	No	5515.0MHz, -64.0dBm	Hop sequence: 5253, 5686, 5724, 5622, 5513, 5251, 5548, 5707, 5366, 5678, 5516, 5339, 5532, 5363, 5475, 5252, 5470, 5496, 5392, 5697, 5281, 5511, 5265, 5389, 5444, 5665, 5720, 5657, 5319, 5660, 5630, 5460, 5404, 5348, 5508, 5382, 5295, 5564, 5358, 5692, 5272, 5394, 5621, 5538, 5417, 5662, 5582, 5693, 5351, 5528, 5517, 5586, 5381, 5309, 5526, 5416, 5649, 5695, 5285, 5385, 5438, 5493, 5420, 5523, 5276, 5539, 5352, 5615, 5668, 5335, 5357, 5347, 5599, 5717, 5536, 5466, 5345, 5524, 5703, 5503, 5550, 5362, 5447, 5462, 5465, 5449, 5715, 5573, 5705, 5421, 5364, 5474, 5509, 5685, 5581, 5502, 5576, 5391, 5490, 5600 (14 hits) (03/25/2013 09:11:13 PM)
28	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5553, 5292, 5371, 5669, 5459, 5299, 5356, 5581, 5487, 5549, 5335, 5317, 5666, 5426, 5261, 5300, 5622, 5420, 5712, 5297, 5254, 5664, 5587, 5702, 5471, 5320, 5662, 5438, 5308, 5265, 5414, 5370, 5480, 5319, 5467, 5264, 5619, 5656, 5357, 5513, 5449, 5475, 5346, 5695, 5563, 5703, 5548, 5285, 5557, 5590, 5369, 5417, 5302,

Table 42 - 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
						5516, 5333, 5608, 5443, 5303, 5661, 5382, 5598, 5517, 5519, 5651, 5629, 5574, 5699, 5501, 5301, 5450, 5640, 5637, 5411, 5552, 5415, 5359, 5603, 5521, 5391, 5704, 5413, 5507, 5477, 5710, 5327, 5697, 5562, 5688, 5334, 5502, 5435, 5330, 5306, 5476, 5511, 5474, 5323, 5578, 5447, 5713 (9 hits) (03/25/2013 09:11:20 PM)
29	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5352, 5517, 5604, 5719, 5587, 5460, 5629, 5438, 5574, 5701, 5435, 5595, 5546, 5390, 5422, 5568, 5362, 5472, 5628, 5318, 5584, 5456, 5319, 5590, 5391, 5652, 5370, 5333, 5582, 5671, 5485, 5455, 5572, 5565, 5680, 5600, 5490, 5696, 5580, 5427, 5622, 5690, 5699, 5531, 5721, 5691, 5638, 5559, 5461, 5623, 5343, 5332, 5448, 5350, 5445, 5302, 5347, 5508, 5477, 5561, 5497, 5291, 5577, 5252, 5451, 5425, 5586, 5678, 5479, 5367, 5651, 5634, 5566, 5471, 5631, 5521, 5603, 5601, 5469, 5635, 5364, 5519, 5675, 5683, 5641, 5410, 5360, 5308, 5514, 5614, 5722, 5290, 5667, 5585, 5588, 5715, 5473, 5366, 5609, 5528 (7 hits) (03/25/2013 09:11:29 PM)
30	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5499, 5287, 5670, 5594, 5296, 5457, 5378, 5306, 5268, 5508, 5295, 5651, 5638, 5606, 5332, 5281, 5560, 5290, 5272, 5420, 5435, 5426, 5302, 5718, 5418, 5563, 5415, 5353, 5725, 5395, 5623, 5707, 5368, 5375, 5432, 5629, 5597, 5288, 5380, 5712, 5297, 5549, 5689, 5565, 5429, 5711, 5417, 5510, 5277, 5663, 5607, 5401, 5601, 5504, 5498, 5479, 5518, 5641, 5675, 5416, 5481, 5382, 5502, 5648, 5530, 5299, 5609, 5547, 5270, 5640, 5512, 5650, 5586, 5413, 5463, 5409, 5369, 5489, 5685, 5360, 5351, 5720, 5396, 5466, 5576, 5486, 5301, 5319, 5252, 5326, 5344, 5497, 5716, 5286, 5398, 5414, 5661, 5691, 5702, 5678 (9 hits) (03/25/2013 09:11:36 PM)

Table 42 - 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	5519.0MHz, -64.0dBm	Hop sequence: 5634, 5618, 5724, 5633, 5465, 5592, 5346, 5627, 5447, 5415, 5673, 5702, 5625, 5332, 5609, 5524, 5722, 5363, 5365, 5548, 5344, 5678, 5475, 5404, 5542, 5631, 5520, 5422, 5461, 5378, 5315, 5685, 5454, 5426, 5576, 5661, 5674, 5616, 5389, 5290, 5562, 5545, 5316, 5266, 5383, 5400, 5413, 5357, 5600, 5575, 5513, 5594, 5463, 5418, 5254, 5645, 5611, 5653, 5648, 5460, 5306, 5508, 5369, 5602, 5403, 5603, 5469, 5480, 5549, 5705, 5642, 5540, 5726, 5411, 5695, 5595, 5375, 5467, 5650, 5330, 5531, 5624, 5470, 5442, 5312, 5301, 5276, 5654, 5708, 5284, 5615, 5541, 5693, 5401, 5492, 5537, 5477, 5453, 5704, 5410 (5 hits) (03/25/2013 09:11:44 PM)
32	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5299, 5430, 5273, 5570, 5428, 5410, 5616, 5387, 5649, 5252, 5389, 5530, 5419, 5613, 5529, 5324, 5557, 5704, 5721, 5684, 5391, 5546, 5485, 5722, 5713, 5580, 5437, 5364, 5341, 5535, 5290, 5637, 5483, 5597, 5677, 5348, 5606, 5692, 5589, 5367, 5310, 5618, 5282, 5476, 5550, 5562, 5577, 5705, 5304, 5572, 5642, 5667, 5534, 5543, 5385, 5568, 5279, 5520, 5445, 5714, 5555, 5332, 5314, 5559, 5456, 5610, 5256, 5621, 5573, 5639, 5481, 5353, 5512, 5638, 5284, 5617, 5695, 5724, 5524, 5576, 5491, 5307, 5633, 5551, 5475, 5632, 5298, 5427, 5355, 5484, 5549, 5415, 5447, 5629, 5681, 5725, 5609, 5673, 5477, 5627 (5 hits) (03/25/2013 09:11:52 PM)
33	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5528, 5634, 5603, 5726, 5645, 5539, 5724, 5409, 5534, 5721, 5679, 5567, 5659, 5668, 5506, 5633, 5427, 5519, 5359, 5505, 5288, 5356, 5688, 5617, 5538, 5461, 5717, 5593, 5417, 5676, 5623, 5438, 5641, 5411, 5558, 5509, 5499, 5371, 5524, 5626, 5655, 5665, 5451, 5637, 5592, 5675, 5590, 5318, 5711, 5399, 5615, 5291, 5596,

Table 42 - 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
						5474, 5337, 5654, 5454, 5313, 5334, 5364, 5482, 5585, 5640, 5644, 5682, 5446, 5464, 5696, 5723, 5677, 5485, 5443, 5486, 5685, 5466, 5254, 5684, 5463, 5296, 5341, 5298, 5279, 5260, 5581, 5699, 5460, 5580, 5404, 5467, 5690, 5555, 5413, 5522, 5354, 5426, 5453, 5718, 5471, 5627, 5307 (8 hits) (03/25/2013 09:12:02 PM)
34	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5254, 5377, 5256, 5677, 5309, 5578, 5635, 5259, 5722, 5539, 5509, 5498, 5426, 5581, 5375, 5706, 5703, 5689, 5673, 5304, 5425, 5598, 5439, 5281, 5605, 5457, 5577, 5513, 5542, 5443, 5558, 5321, 5392, 5373, 5556, 5355, 5504, 5290, 5350, 5274, 5440, 5554, 5620, 5592, 5615, 5564, 5640, 5555, 5526, 5607, 5608, 5447, 5449, 5403, 5472, 5715, 5391, 5442, 5438, 5402, 5618, 5645, 5683, 5695, 5528, 5495, 5311, 5670, 5459, 5546, 5579, 5308, 5512, 5300, 5395, 5265, 5317, 5329, 5595, 5313, 5606, 5589, 5529, 5654, 5582, 5701, 5331, 5372, 5349, 5510, 5712, 5448, 5453, 5679, 5571, 5316, 5599, 5272, 5563, 5437 (10 hits) (03/25/2013 09:12:10 PM)
35	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5700, 5466, 5339, 5531, 5264, 5491, 5474, 5715, 5352, 5514, 5701, 5593, 5577, 5541, 5333, 5274, 5426, 5594, 5493, 5273, 5424, 5373, 5489, 5395, 5371, 5614, 5252, 5500, 5635, 5278, 5516, 5652, 5399, 5382, 5260, 5584, 5596, 5540, 5586, 5667, 5694, 5549, 5663, 5587, 5362, 5546, 5718, 5468, 5358, 5385, 5630, 5617, 5686, 5554, 5575, 5445, 5270, 5440, 5368, 5622, 5534, 5502, 5370, 5438, 5303, 5604, 5324, 5527, 5442, 5670, 5654, 5342, 5286, 5585, 5725, 5580, 5511, 5281, 5402, 5444, 5659, 5624, 5258, 5262, 5714, 5724, 5364, 5521, 5301, 5459, 5598, 5605, 5599, 5267, 5627, 5674, 5354, 5709, 5283, 5471 (9 hits) (03/25/2013 09:12:17 PM)

Table 42 - 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	5524.0MHz, -64.0dBm	Hop sequence: 5579, 5252, 5253, 5264, 5663, 5491, 5526, 5503, 5569, 5592, 5553, 5408, 5610, 5322, 5351, 5415, 5554, 5564, 5505, 5336, 5510, 5705, 5512, 5367, 5330, 5615, 5427, 5370, 5345, 5637, 5441, 5621, 5467, 5631, 5522, 5492, 5431, 5349, 5398, 5402, 5538, 5371, 5479, 5671, 5502, 5597, 5305, 5601, 5551, 5329, 5521, 5552, 5275, 5694, 5457, 5306, 5456, 5669, 5289, 5581, 5360, 5452, 5591, 5549, 5311, 5681, 5555, 5391, 5499, 5723, 5585, 5342, 5557, 5500, 5423, 5365, 5448, 5307, 5487, 5692, 5548, 5450, 5260, 5701, 5267, 5352, 5319, 5606, 5310, 5447, 5449, 5536, 5294, 5327, 5419, 5504, 5460, 5495, 5428, 5661 (14 hits) (03/25/2013 09:12:25 PM)
37	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5662, 5341, 5377, 5663, 5705, 5543, 5264, 5401, 5551, 5330, 5480, 5281, 5275, 5515, 5706, 5368, 5588, 5558, 5528, 5470, 5269, 5517, 5573, 5443, 5457, 5687, 5526, 5542, 5322, 5270, 5726, 5563, 5450, 5582, 5473, 5298, 5391, 5696, 5513, 5561, 5409, 5318, 5668, 5522, 5451, 5257, 5701, 5305, 5627, 5592, 5494, 5456, 5352, 5655, 5347, 5566, 5304, 5447, 5509, 5632, 5427, 5454, 5565, 5379, 5483, 5312, 5398, 5317, 5552, 5314, 5303, 5661, 5280, 5631, 5587, 5437, 5710, 5420, 5649, 5440, 5678, 5679, 5415, 5382, 5616, 5360, 5288, 5496, 5715, 5676, 5278, 5466, 5479, 5431, 5365, 5268, 5353, 5720, 5639, 5637 (9 hits) (03/25/2013 09:12:33 PM)
38	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5689, 5586, 5475, 5581, 5364, 5405, 5584, 5667, 5480, 5624, 5389, 5615, 5413, 5347, 5424, 5318, 5670, 5715, 5492, 5723, 5705, 5307, 5719, 5325, 5696, 5295, 5414, 5322, 5337, 5566, 5538, 5398, 5288, 5281, 5613, 5545, 5450, 5644, 5265, 5339, 5533, 5544, 5479, 5299, 5303, 5383, 5634, 5593, 5626, 5395, 5316, 5643, 5633,

Table 42 - 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
						5508, 5465, 5641, 5315, 5496, 5474, 5436, 5558, 5323, 5359, 5362, 5500, 5279, 5387, 5375, 5521, 5264, 5716, 5504, 5551, 5502, 5425, 5257, 5543, 5653, 5388, 5568, 5498, 5380, 5268, 5461, 5390, 5564, 5344, 5682, 5411, 5511, 5273, 5621, 5291, 5310, 5334, 5687, 5351, 5272, 5520, 5493 (11 hits) (03/25/2013 09:12:45 PM)
39	9	1.0	333.0	Yes	5527.0MHz, -64.0dBm	Hop sequence: 5689, 5293, 5597, 5466, 5715, 5365, 5714, 5544, 5483, 5347, 5593, 5403, 5584, 5623, 5624, 5315, 5530, 5253, 5649, 5370, 5304, 5665, 5459, 5543, 5309, 5323, 5691, 5583, 5250, 5725, 5432, 5277, 5563, 5281, 5680, 5632, 5524, 5423, 5325, 5516, 5615, 5677, 5523, 5401, 5718, 5610, 5270, 5500, 5494, 5643, 5693, 5257, 5425, 5307, 5512, 5348, 5335, 5332, 5600, 5299, 5535, 5324, 5667, 5599, 5577, 5511, 5617, 5283, 5589, 5357, 5685, 5678, 5646, 5312, 5660, 5555, 5709, 5495, 5522, 5575, 5410, 5416, 5706, 5606, 5326, 5317, 5690, 5525, 5439, 5559, 5720, 5519, 5538, 5289, 5587, 5642, 5434, 5331, 5263, 5655 (11 hits) (03/25/2013 09:12:53 PM)

Table 43 - HT 40 Detection Bandwidth Measurements (Bandwidth: +19MHz /-19MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	3	3	50
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5522.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5523.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5524.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5526.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5527.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5528.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5529.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5530.00 MHz	2	3	40

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	93.3 %	60.0 %	30	PASSED
Aggregate of above results	92.5 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	94.9 %	70.0 %	39	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 06:33:40 PM)
2	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 06:35:01 PM)
3	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 06:35:43 PM)
4	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 06:36:21 PM)

Table 45 - 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
5	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 06:37:23 PM)
6	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 06:38:15 PM)
7	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 06:38:41 PM)
8	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 06:40:16 PM)
9	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 06:41:04 PM)
10	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 06:42:24 PM)
11	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 06:43:06 PM)
12	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 06:43:44 PM)
13	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 06:44:23 PM)
14	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 06:44:44 PM)
15	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 06:46:52 PM)
16	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 06:47:17 PM)
17	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 06:59:45 PM)
18	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:00:16 PM)
19	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:00:46 PM)
20	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:01:09 PM)
21	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:03:10 PM)
22	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:04:00 PM)
23	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:04:56 PM)
24	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:05:28 PM)
25	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:06:12 PM)
26	18	1.0	1428.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:06:42 PM)
27	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:07:20 PM)
28	18	1.0	1428.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:07:47 PM)
29	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:08:17 PM)
30	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:08:46 PM)

Table 46 - 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	26	4.2	157.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:10:52 PM)
2	29	1.6	175.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:11:56 PM)
3	28	4.4	194.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:12:32 PM)
4	29	4.7	177.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:13:35 PM)
5	24	1.2	172.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:14:00 PM)
6	25	1.3	227.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:15:18 PM)
7	23	1.5	155.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:16:09 PM)
8	25	1.5	170.0	No	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:16:29 PM)
9	26	4.7	226.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:16:59 PM)
10	25	1.5	216.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:17:49 PM)
11	28	4.7	198.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:18:13 PM)
12	25	2.3	213.0	No	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:18:41 PM)
13	25	3.0	223.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:19:09 PM)
14	26	4.0	211.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:19:54 PM)
15	28	3.1	195.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:20:43 PM)
16	24	3.8	167.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:22:07 PM)
17	28	1.8	221.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:22:38 PM)
18	26	2.1	195.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:23:07 PM)
19	26	1.9	204.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:23:37 PM)
20	25	2.6	154.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:23:58 PM)
21	24	4.4	225.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:24:43 PM)
22	28	1.4	163.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:26:52 PM)
23	27	3.8	211.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:27:32 PM)
24	28	2.0	204.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:28:06 PM)
25	27	3.3	179.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:28:50 PM)
26	25	1.1	202.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 07:29:16 PM)
27	29	2.0	185.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 07:30:21 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	27	1.6	225.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 07:30:44 PM)
29	27	4.1	190.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:31:11 PM)
30	23	4.8	193.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:31:33 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	7.5	347.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 07:57:40 PM)
2	18	8.6	391.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 07:58:04 PM)
3	18	8.5	289.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 07:58:49 PM)
4	18	8.4	403.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 07:59:46 PM)
5	16	8.7	477.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:00:14 PM)
6	17	9.0	209.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:00:47 PM)
7	18	9.4	461.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:01:37 PM)
8	17	8.4	231.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:02:26 PM)
9	17	7.3	389.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:03:02 PM)
10	18	9.7	467.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:03:40 PM)
11	16	8.6	357.0	No	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:04:42 PM)
12	16	7.4	297.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:05:03 PM)
13	16	7.6	367.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:09:01 PM)
14	18	8.8	272.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:09:55 PM)
15	16	7.1	417.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:10:49 PM)
16	17	9.8	266.0	No	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:11:16 PM)
17	17	9.0	247.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:11:38 PM)
18	17	7.1	469.0	No	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:12:57 PM)
19	17	7.2	257.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:13:14 PM)
20	17	7.4	203.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:14:00 PM)
21	17	7.1	410.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:14:43 PM)
22	17	8.5	359.0	Yes	5510.0MHz,	Single burst (03/25/2013 08:15:00 PM)

Table 47 - 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)
23	17	9.9	461.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:15:27 PM)
24	17	9.6	439.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:16:41 PM)
25	16	8.6	362.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:20:25 PM)
26	16	9.9	272.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:35:09 PM)
27	17	9.5	384.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:35:45 PM)
28	17	8.3	404.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:36:16 PM)
29	17	7.4	209.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:36:51 PM)
30	16	6.4	284.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:37:50 PM)

Table 48 - 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	12.7	394.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:38:54 PM)
2	13	18.6	355.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:39:33 PM)
3	14	14.3	289.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:40:22 PM)
4	14	17.2	489.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:41:07 PM)
5	16	18.3	308.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:43:14 PM)
6	13	16.1	475.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:43:46 PM)
7	14	14.2	317.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:44:25 PM)
8	16	18.9	205.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:45:01 PM)
9	13	17.2	360.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:46:04 PM)
10	14	13.0	317.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:46:35 PM)
11	14	15.4	432.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:47:13 PM)
12	12	18.9	354.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:47:41 PM)
13	15	13.4	334.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:48:16 PM)
14	14	16.9	274.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:48:51 PM)
15	15	18.5	223.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:49:10 PM)
16	14	18.6	444.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:49:53 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
17	14	19.0	470.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:50:23 PM)
18	13	18.0	224.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:50:56 PM)
19	14	16.5	471.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:51:21 PM)
20	13	17.6	341.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:51:55 PM)
21	14	19.0	484.0	No	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:53:34 PM)
22	13	13.5	468.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:54:04 PM)
23	14	19.0	236.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:54:25 PM)
24	13	14.8	221.0	Yes	5500.0MHz, -64.0dBm	Single burst (03/25/2013 08:54:53 PM)
25	14	16.0	489.0	Yes	5495.0MHz, -64.0dBm	Single burst (03/25/2013 08:55:21 PM)
26	13	17.2	479.0	Yes	5525.0MHz, -64.0dBm	Single burst (03/25/2013 08:56:37 PM)
27	15	18.5	424.0	Yes	5520.0MHz, -64.0dBm	Single burst (03/25/2013 08:57:05 PM)
28	14	13.9	358.0	Yes	5515.0MHz, -64.0dBm	Single burst (03/25/2013 08:57:38 PM)
29	12	11.4	473.0	Yes	5510.0MHz, -64.0dBm	Single burst (03/25/2013 08:58:26 PM)
30	14	15.6	423.0	Yes	5505.0MHz, -64.0dBm	Single burst (03/25/2013 08:58:50 PM)

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -64.0dBm
Trial #2	Detected	5505.0MHz, -64.0dBm
Trial #3	Detected	5500.0MHz, -64.0dBm
Trial #4	Detected	5495.0MHz, -64.0dBm
Trial #5	Detected	5525.0MHz, -64.0dBm
Trial #6	Detected	5520.0MHz, -64.0dBm
Trial #7	Detected	5515.0MHz, -64.0dBm
Trial #8	Detected	5510.0MHz, -64.0dBm
Trial #9	Detected	5505.0MHz, -64.0dBm
Trial #10	NOT Detected	5500.0MHz, -64.0dBm
Trial #11	Detected	5495.0MHz, -64.0dBm

Table 49 - Long Sequence Waveform Summary HT 40		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #12	Detected	5525.0MHz, -64.0dBm
Trial #13	Detected	5520.0MHz, -64.0dBm
Trial #14	Detected	5515.0MHz, -64.0dBm
Trial #15	Detected	5510.0MHz, -64.0dBm
Trial #16	Detected	5505.0MHz, -64.0dBm
Trial #17	Detected	5500.0MHz, -64.0dBm
Trial #18	Detected	5495.0MHz, -64.0dBm
Trial #19	Detected	5525.0MHz, -64.0dBm
Trial #20	Detected	5520.0MHz, -64.0dBm
Trial #21	Detected	5515.0MHz, -64.0dBm
Trial #22	Detected	5510.0MHz, -64.0dBm
Trial #23	Detected	5505.0MHz, -64.0dBm
Trial #24	Detected	5500.0MHz, -64.0dBm
Trial #25	Detected	5495.0MHz, -64.0dBm
Trial #26	Detected	5525.0MHz, -64.0dBm
Trial #27	Detected	5520.0MHz, -64.0dBm
Trial #28	Detected	5515.0MHz, -64.0dBm
Trial #29	Detected	5510.0MHz, -64.0dBm
Trial #30	Detected	5505.0MHz, -64.0dBm

Table 50 - 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	3	52.7	15	1768.0	1915.0	0.144244
2	2	83.3	9	1268.0	-	1.581608
3	2	57.0	19	1664.0	-	2.441717
4	2	69.1	11	1629.0	-	3.216976
5	3	54.9	15	1950.0	1972.0	3.951807
6	2	77.0	18	1846.0	-	4.909306
7	2	85.9	13	1349.0	-	5.593507
8	2	82.2	6	1077.0	-	6.479236
9	2	60.3	19	1043.0	-	7.979954
10	1	91.8	6	-	-	8.557612
11	1	79.3	5	-	-	9.341694

Table 50 - 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)
12	3	99.7	17	2000.0	1692.0	10.489546
13	2	58.0	19	1695.0	-	11.379059

Table 51 - 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	78.9	7	1349.0	-	0.074594
2	2	84.4	8	1348.0	-	0.998879
3	2	96.3	19	1554.0	-	1.657530
4	3	86.8	9	1890.0	1425.0	2.502999
5	3	95.7	15	1794.0	1374.0	2.997871
6	2	61.3	18	1984.0	-	3.192293
7	3	73.3	12	1749.0	1802.0	3.840328
8	2	97.1	11	1592.0	-	4.740134
9	1	77.0	11	-	-	5.366618
10	2	58.7	6	1082.0	-	5.905494
11	3	52.0	6	1635.0	1086.0	6.801285
12	2	55.5	10	1138.0	-	7.372764
13	1	91.9	17	-	-	7.715128
14	3	86.4	10	1240.0	1297.0	8.411434
15	2	68.4	13	1753.0	-	8.877106
16	1	71.1	12	-	-	9.558880
17	1	98.5	16	-	-	10.361511
18	2	52.7	16	1358.0	-	11.189968
19	2	80.2	13	1625.0	-	11.820948

Table 52 - 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	85.6	20	-	-	0.290849
2	3	54.1	7	1546.0	1788.0	0.878827
3	2	95.6	15	1009.0	-	2.072652
4	1	78.9	17	-	-	2.584649
5	2	93.6	16	1654.0	-	3.272322
6	2	65.5	18	1849.0	-	4.579871
7	2	96.7	20	1107.0	-	5.344125
8	3	85.0	10	1428.0	1620.0	6.168179
9	2	62.0	16	1636.0	-	6.998544
10	2	80.7	12	1810.0	-	7.484028
11	1	67.9	13	-	-	8.106925
12	2	99.6	15	1405.0	-	9.518351
13	2	68.4	19	1085.0	-	10.306386
14	2	69.9	19	1939.0	-	10.963220
15	2	59.1	13	1382.0	-	11.237770

Table 53 - 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	1	58.7	17	-	-	0.627923

Table 53 - 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)
2	3	70.3	12	1047.0	1722.0	1.292990
3	2	86.6	6	1886.0	-	1.777762
4	2	56.3	16	1336.0	-	3.071016
5	1	56.9	5	-	-	3.489711
6	2	99.0	13	1189.0	-	4.453186
7	1	74.2	6	-	-	5.421417
8	3	66.1	20	1721.0	1869.0	6.556654
9	2	61.9	11	1257.0	-	7.324112
10	3	71.7	17	1763.0	1687.0	8.321423
11	2	51.8	19	1676.0	-	8.596401
12	3	81.3	11	1071.0	1618.0	9.622160
13	2	50.7	11	1377.0	-	10.877015
14	3	69.1	16	1663.0	1502.0	11.944807

Table 54 - 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	63.0	6	1793.0	-	0.037029
2	2	50.1	9	1780.0	-	1.592574
3	2	75.4	20	1279.0	-	2.186603
4	1	79.1	18	-	-	2.837505
5	2	55.6	16	1352.0	-	3.569781
6	2	72.9	6	1629.0	-	4.581885
7	2	83.9	8	1327.0	-	5.521731
8	1	98.1	5	-	-	6.476935
9	2	90.7	16	1992.0	-	7.287833
10	1	96.6	18	-	-	7.868460
11	2	60.2	16	1373.0	-	9.285002
12	2	99.9	17	1719.0	-	10.237109
13	2	89.6	12	1479.0	-	11.116157
14	1	55.0	12	-	-	11.250562

Table 55 - 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	53.2	11	1799.0	-	0.077709
2	2	79.7	17	1614.0	-	1.085135
3	2	90.1	8	1837.0	-	2.012967
4	3	64.2	19	1373.0	1360.0	3.915783
5	1	51.3	18	-	-	4.372465
6	3	67.5	18	1398.0	1373.0	5.275378
7	2	91.6	16	1232.0	-	6.207782
8	3	96.6	17	1728.0	1444.0	7.408842
9	2	87.5	18	1807.0	-	8.629858
10	2	81.6	12	1305.0	-	9.744168
11	3	91.0	5	1117.0	1987.0	10.689182
12	2	91.4	16	1061.0	-	11.588234

Table 56 - HT 40 Long Sequence Waveform Trial#7 (Detected)						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.4	15	1372.0	-	0.389378
2	2	91.1	17	1687.0	-	1.934437
3	2	84.6	8	1524.0	-	2.577563
4	2	82.8	8	1516.0	-	3.638762
5	1	93.8	20	-	-	4.661480
6	3	57.4	19	1384.0	1080.0	5.744054
7	3	78.1	6	1532.0	1666.0	6.960929
8	2	70.5	15	1996.0	-	7.363077
9	3	94.6	13	1112.0	1501.0	8.661340
10	2	51.1	13	1078.0	-	9.564223
11	2	53.0	9	1449.0	-	10.486943
12	2	65.0	10	1723.0	-	11.535195

Table 57 - 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	2	84.8	11	1440.0	-	0.655539
2	2	50.2	5	1431.0	-	1.509405
3	2	85.2	7	1435.0	-	3.216916
4	2	72.5	18	1225.0	-	4.091509
5	2	82.9	14	1153.0	-	5.748895
6	2	91.8	8	1419.0	-	6.358098
7	2	62.7	5	1266.0	-	7.672643
8	3	68.4	15	1770.0	1670.0	9.451679
9	2	93.9	14	1379.0	-	10.008668
10	1	97.8	13	-	-	11.637363

Table 58 - 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	2	62.8	17	1790.0	-	0.545521
2	1	67.1	14	-	-	1.289097
3	2	95.0	12	1922.0	-	2.234593
4	2	99.8	13	1160.0	-	2.713972
5	2	67.3	20	1988.0	-	3.883993
6	3	80.5	8	1913.0	1770.0	5.090591
7	3	59.1	11	1168.0	1560.0	5.545421
8	1	71.4	16	-	-	6.360325
9	1	86.7	14	-	-	7.677720
10	2	72.6	15	1886.0	-	8.542590
11	1	99.7	10	-	-	8.597585
12	1	71.9	11	-	-	9.655662
13	2	52.6	10	1664.0	-	10.702085
14	2	100.0	18	1395.0	-	11.535545

Table 59 - HT 40 Long Sequence Waveform Trial#10 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	89.3	13	1637.0	-	0.597213
2	2	62.2	6	1127.0	-	1.208712
3	2	74.2	12	1731.0	-	1.511265

Table 59 - HT 40 Long Sequence Waveform Trial#10 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
4	2	92.1	8	1664.0	-	1.906276
5	2	89.3	16	1993.0	-	2.950821
6	3	83.6	20	1574.0	1890.0	3.639467
7	2	97.5	11	1055.0	-	4.021240
8	2	77.6	8	1006.0	-	4.515401
9	3	55.8	17	1751.0	1686.0	5.345316
10	2	97.7	6	1318.0	-	6.007504
11	3	79.6	14	1015.0	1703.0	6.892898
12	1	89.7	6	-	-	7.363030
13	3	85.9	16	1102.0	1383.0	7.868418
14	3	69.6	6	1296.0	1390.0	8.408759
15	1	100.0	10	-	-	9.423657
16	2	71.8	11	1047.0	-	9.634388
17	3	63.6	8	1140.0	1043.0	10.258535
18	2	74.5	11	1466.0	-	10.769771
19	2	77.6	8	1371.0	-	11.551569

Table 60 - 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	3	62.8	6	1581.0	1916.0	0.618252
2	3	82.2	10	1660.0	1903.0	1.164072
3	2	54.9	10	1061.0	-	3.149081
4	2	72.6	14	1172.0	-	3.452706
5	2	79.0	15	1126.0	-	4.902987
6	3	52.1	18	1051.0	1409.0	5.774727
7	2	83.1	16	1857.0	-	6.997345
8	2	60.2	13	1006.0	-	8.315669
9	3	69.7	14	1455.0	1011.0	8.822641
10	3	63.3	11	1325.0	1976.0	10.805246
11	2	65.9	8	1202.0	-	11.642034

Table 61 - 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	81.8	16	1583.0	-	0.769594
2	2	62.0	13	1125.0	-	1.426339
3	2	62.1	18	1467.0	-	2.108255
4	2	76.3	14	1613.0	-	3.279881
5	3	95.4	19	1571.0	1707.0	4.289117
6	1	74.2	11	-	-	5.190139
7	2	89.8	15	1967.0	-	6.541790
8	2	85.0	10	1408.0	-	7.967964
9	3	92.1	6	1411.0	1249.0	8.738818
10	1	87.1	10	-	-	9.947843
11	1	99.4	6	-	-	10.592394
12	3	51.5	13	1030.0	1405.0	11.694899

Table 62 - HT 40 Long Sequence Waveform Trial#13 (Detected)						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.7	5	1996.0	-	0.355383
2	2	62.2	8	1319.0	-	1.894541
3	1	89.8	15	-	-	2.890386
4	2	66.6	20	1487.0	-	4.849400
5	3	63.8	12	1837.0	1519.0	6.367431
6	2	64.4	6	1653.0	-	7.634072
7	2	70.1	11	1908.0	-	9.004233
8	2	87.4	7	1554.0	-	9.533679
9	2	83.6	17	1103.0	-	11.914199

Table 63 - 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	1	91.3	8	-	-	0.148244
2	2	83.1	19	1902.0	-	2.845208
3	1	75.3	17	-	-	3.089681
4	3	59.4	16	1686.0	1137.0	5.258756
5	2	90.4	7	1786.0	-	7.096490
6	3	97.1	16	1068.0	1921.0	8.557750
7	2	72.2	17	1252.0	-	10.091080
8	2	75.6	14	1349.0	-	11.028705

Table 64 - 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	79.1	17	1330.0	-	1.157257
2	1	83.2	18	-	-	1.776084
3	2	89.7	10	1679.0	-	3.536096
4	2	64.0	17	1048.0	-	4.187218
5	1	76.6	13	-	-	6.334379
6	3	99.3	7	1570.0	1316.0	6.704244
7	2	65.0	6	1913.0	-	8.334505
8	3	89.4	16	1618.0	1746.0	10.583291
9	2	66.3	17	1064.0	-	10.789346

Table 65 - 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	1	88.4	12	-	-	0.494154
2	2	89.2	13	1650.0	-	1.259404
3	2	98.7	11	1134.0	-	1.519340
4	2	93.3	18	1266.0	-	2.431390
5	3	77.0	15	1955.0	1612.0	3.201979
6	2	55.6	6	1885.0	-	3.771399
7	2	93.6	16	1852.0	-	4.444881
8	2	90.4	7	1609.0	-	4.717959
9	2	55.1	8	1810.0	-	5.968802
10	3	90.9	12	1347.0	1485.0	6.350142
11	3	96.0	20	1961.0	1829.0	6.675905
12	1	79.0	9	-	-	7.823015
13	3	96.0	10	1903.0	1207.0	8.081257

Table 65 - 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)
14	2	66.1	10	1052.0	-	9.108764
15	2	88.2	12	1735.0	-	9.973387
16	2	54.5	8	1721.0	-	10.661893
17	2	96.8	16	1943.0	-	10.781320
18	1	81.7	6	-	-	11.483849

Table 66 - 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	64.1	5	-	-	0.387340
2	1	81.9	13	-	-	0.880327
3	2	97.2	14	1738.0	-	1.602039
4	3	84.9	17	1985.0	1920.0	2.116354
5	2	66.5	16	1034.0	-	2.686220
6	3	55.2	6	1345.0	1106.0	3.476926
7	2	99.5	19	1100.0	-	4.066017
8	2	56.9	15	1512.0	-	4.937536
9	2	84.2	6	1600.0	-	5.422455
10	3	69.7	11	1255.0	1617.0	6.059025
11	2	52.4	19	1010.0	-	6.825081
12	2	86.8	6	1657.0	-	7.443805
13	2	73.5	6	1196.0	-	7.701180
14	2	53.4	13	1914.0	-	8.673862
15	2	90.9	8	1345.0	-	9.075457
16	2	76.8	7	1527.0	-	9.486699
17	3	94.2	14	1489.0	1986.0	10.163146
18	2	94.6	16	1166.0	-	11.273493
19	2	95.2	19	1240.0	-	11.950523

Table 67 - 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	1	83.8	10	-	-	0.350092
2	1	64.0	20	-	-	1.464625
3	2	94.6	19	1808.0	-	2.534522
4	3	80.1	13	1652.0	1401.0	2.741913
5	2	93.7	17	1239.0	-	3.848187
6	1	89.8	10	-	-	4.762283
7	3	61.2	16	1998.0	1591.0	5.488880
8	2	51.1	18	1959.0	-	6.424727
9	2	57.8	16	1283.0	-	7.656744
10	3	53.2	8	1886.0	1939.0	8.398654
11	3	62.2	10	1345.0	1509.0	9.082621
12	2	58.2	5	1645.0	-	9.535032
13	2	62.4	14	1080.0	-	10.567230
14	1	95.7	16	-	-	11.313290

Table 68 - HT 40 Long Sequence Waveform Trial#19 (Detected)						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.8	9	1435.0	-	0.432639
2	2	95.1	7	1539.0	-	0.803848
3	1	96.3	11	-	-	1.304680
4	1	61.3	12	-	-	2.383048
5	2	80.3	17	1172.0	-	2.820028
6	1	93.3	14	-	-	3.505523
7	2	50.2	15	1314.0	-	3.911654
8	2	65.5	7	2000.0	-	4.956149
9	1	55.8	10	-	-	5.240887
10	3	83.7	14	1170.0	1809.0	5.788021
11	2	70.0	18	1159.0	-	6.869165
12	2	78.8	8	1420.0	-	7.541807
13	2	80.7	17	1954.0	-	7.782195
14	1	89.7	10	-	-	8.269100
15	3	65.1	5	1843.0	1954.0	9.136275
16	2	66.2	12	1884.0	-	10.049867
17	2	96.6	10	1623.0	-	10.246887
18	2	89.9	5	1966.0	-	11.085515
19	1	72.7	11	-	-	11.467689

Table 69 - 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	1	77.9	18	-	-	0.342238
2	2	72.3	12	1177.0	-	1.690756
3	2	93.8	6	1345.0	-	2.456426
4	2	56.8	15	1423.0	-	3.749382
5	2	98.9	20	1394.0	-	4.345204
6	2	66.2	18	1509.0	-	5.110612
7	2	59.1	15	1095.0	-	6.776155
8	2	53.3	14	1804.0	-	7.184619
9	1	70.3	14	-	-	8.970616
10	2	88.5	8	1413.0	-	9.269659
11	3	77.3	6	1634.0	1140.0	10.408288
12	2	83.7	10	1615.0	-	11.389117

Table 70 - 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	3	57.2	11	1183.0	1356.0	0.514298
2	2	86.9	6	1315.0	-	1.323103
3	2	95.8	15	1083.0	-	1.861385
4	1	85.1	12	-	-	2.299937
5	3	61.7	17	1045.0	1902.0	3.415354
6	1	80.9	19	-	-	4.024077
7	1	99.9	19	-	-	4.386463
8	1	66.4	10	-	-	5.615126
9	2	96.6	8	1669.0	-	5.876479
10	2	60.9	5	1083.0	-	7.031484
11	2	70.5	20	1295.0	-	7.759607
12	2	76.1	16	1362.0	-	7.977826
13	2	61.2	11	1441.0	-	8.989865

Table 70 - 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)
14	2	79.2	9	1392.0	-	9.722267
15	3	80.2	16	1644.0	1703.0	10.198805
16	2	53.6	7	1033.0	-	10.991433
17	2	50.7	15	1850.0	-	11.830231

Table 71 - 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	3	90.4	20	1041.0	1299.0	0.173865
2	2	75.1	15	1860.0	-	1.496138
3	2	89.7	6	1016.0	-	3.469541
4	2	51.2	13	1406.0	-	3.984615
5	2	63.4	11	1704.0	-	5.227656
6	2	67.9	16	1677.0	-	6.320821
7	3	79.2	20	1399.0	1384.0	7.296201
8	2	71.1	10	1674.0	-	9.571691
9	1	98.3	15	-	-	9.961372
10	2	56.9	10	1825.0	-	11.330076

Table 72 - 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	3	83.6	16	1859.0	1094.0	1.206579
2	2	78.5	10	1354.0	-	2.143662
3	3	84.8	17	1997.0	1703.0	3.446641
4	2	72.5	8	1390.0	-	4.041781
5	1	54.6	14	-	-	5.537062
6	3	52.0	14	1368.0	1264.0	6.892567
7	1	65.4	18	-	-	9.243034
8	1	69.7	7	-	-	10.245175
9	3	71.5	15	1402.0	1997.0	11.834607

Table 73 - 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	1	62.0	9	-	-	0.272952
2	1	53.2	8	-	-	0.930593
3	2	62.6	19	1667.0	-	2.077816
4	3	94.2	13	1309.0	1142.0	3.439333
5	2	74.1	10	1048.0	-	4.057952
6	2	73.1	9	1469.0	-	5.239878
7	2	89.4	19	1953.0	-	5.578315
8	2	83.3	17	1963.0	-	6.645765
9	3	84.2	20	1134.0	1067.0	8.264289
10	2	95.2	7	1288.0	-	8.359642
11	3	58.7	13	1645.0	1030.0	9.899330
12	1	55.7	14	-	-	10.681371
13	2	75.6	6	1661.0	-	11.680688

Table 74 - 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	1	86.3	12	-	-	0.337611
2	2	66.0	15	1942.0	-	0.645267
3	2	81.1	9	1020.0	-	1.202603
4	1	80.4	7	-	-	1.983655
5	2	90.7	10	1018.0	-	2.945399
6	1	63.2	8	-	-	3.150573
7	2	76.4	14	1244.0	-	4.126237
8	2	68.3	19	1616.0	-	4.484638
9	2	75.7	16	1482.0	-	5.069727
10	2	64.0	13	1916.0	-	5.658516
11	2	62.1	17	1094.0	-	6.146441
12	2	51.5	18	1451.0	-	6.789910
13	3	56.2	14	1315.0	1501.0	7.761940
14	1	58.5	17	-	-	8.124882
15	3	62.6	6	1004.0	1079.0	8.417047
16	3	85.0	18	1139.0	1177.0	9.590002
17	2	58.4	8	1991.0	-	9.771161
18	1	54.0	14	-	-	10.758677
19	1	56.9	13	-	-	11.083865
20	1	53.6	10	-	-	11.789268

Table 75 - 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	65.3	12	1176.0	-	0.444066
2	3	98.2	16	1909.0	1033.0	1.770168
3	2	66.7	12	1780.0	-	2.868432
4	2	67.5	11	1471.0	-	4.319721
5	1	94.2	19	-	-	4.855541
6	2	70.4	12	1044.0	-	6.828516
7	1	91.5	17	-	-	8.188788
8	2	58.6	13	1560.0	-	9.594800
9	2	55.2	17	1230.0	-	10.342177
10	1	80.4	8	-	-	11.644788

Table 76 - 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	3	79.3	10	1926.0	1586.0	1.490499
2	1	90.9	19	-	-	2.794513
3	2	57.7	8	1919.0	-	4.380118
4	2	50.8	15	1573.0	-	5.076191
5	2	61.4	9	1443.0	-	7.395164
6	2	98.5	6	1278.0	-	7.909307
7	1	71.2	16	-	-	9.333958
8	3	83.5	13	1040.0	1429.0	10.927642

Table 77 - HT 40 Long Sequence Waveform Trial#28 (Detected)						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.7	11	-	-	0.239215
2	2	83.9	9	1059.0	-	1.394822
3	1	64.8	5	-	-	2.610548
4	2	60.9	6	1967.0	-	4.353890
5	3	61.4	13	1844.0	1339.0	5.180317
6	1	61.8	7	-	-	6.137422
7	2	54.8	16	1102.0	-	7.569277
8	1	58.6	13	-	-	8.604019
9	3	58.7	11	1855.0	1515.0	9.177735
10	2	58.9	20	1202.0	-	10.671967
11	3	63.4	12	1887.0	1665.0	11.589377

Table 78 - 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	1	62.7	7	-	-	0.619052
2	2	80.0	14	1931.0	-	0.682925
3	1	64.1	18	-	-	1.714070
4	2	51.6	5	1243.0	-	1.903569
5	2	53.0	8	1662.0	-	2.926006
6	1	61.5	11	-	-	3.172371
7	2	81.2	16	1151.0	-	4.328240
8	2	77.2	6	1971.0	-	4.822764
9	3	61.6	15	1343.0	1994.0	5.341194
10	3	90.5	11	1675.0	1906.0	5.776394
11	2	76.3	11	1718.0	-	6.656525
12	1	80.5	16	-	-	7.358067
13	1	63.9	15	-	-	8.101366
14	1	50.1	8	-	-	8.741796
15	2	63.7	13	1778.0	-	8.848528
16	2	64.6	16	1700.0	-	9.857931
17	3	67.5	17	1027.0	1876.0	10.617296
18	2	78.4	15	1763.0	-	10.860896
19	2	60.1	7	1673.0	-	11.990639

Table 79 - 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	1	50.4	9	-	-	0.373795
2	3	63.9	16	1378.0	1396.0	1.039106
3	1	59.4	8	-	-	2.437054
4	3	96.4	17	1014.0	1498.0	3.030436
5	1	62.0	15	-	-	3.895712
6	2	68.4	15	1112.0	-	4.346914
7	2	83.9	13	1518.0	-	5.467513
8	3	77.3	8	1023.0	1657.0	6.575939
9	3	60.1	7	1878.0	1535.0	7.670065
10	3	52.8	15	1944.0	1683.0	8.097876
11	2	79.0	16	1698.0	-	9.236438
12	3	69.4	14	1951.0	1077.0	10.112084
13	2	88.5	12	1437.0	-	10.914452
14	3	60.4	8	1641.0	1253.0	11.197709

Table 80 - 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	5528.0MHz, -64.0dBm	Hop sequence: 5328, 5471, 5606, 5392, 5330, 5674, 5317, 5278, 5639, 5301, 5615, 5449, 5432, 5703, 5696, 5682, 5292, 5726, 5378, 5516, 5344, 5632, 5589, 5480, 5310, 5306, 5570, 5364, 5479, 5563, 5389, 5532, 5338, 5443, 5561, 5613, 5382, 5518, 5379, 5342, 5332, 5460, 5708, 5545, 5722, 5509, 5343, 5542, 5456, 5669, 5414, 5623, 5341, 5657, 5635, 5410, 5252, 5442, 5409, 5624, 5501, 5608, 5371, 5603, 5702, 5337, 5385, 5268, 5552, 5254, 5451, 5576, 5256, 5461, 5704, 5293, 5473, 5630, 5496, 5670, 5705, 5498, 5269, 5485, 5444, 5714, 5277, 5283, 5321, 5587, 5566, 5348, 5544, 5528, 5448, 5416, 5433, 5347, 5686, 5422 (7 hits) (03/25/2013 09:07:32 PM)
2	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5322, 5606, 5261, 5624, 5701, 5332, 5453, 5625, 5532, 5522, 5707, 5468, 5426, 5273, 5315, 5502, 5306, 5672, 5670, 5346, 5419, 5348, 5681, 5590, 5317, 5457, 5427, 5684, 5392, 5712, 5694, 5505, 5486, 5388, 5540, 5280, 5359, 5551, 5434, 5463, 5395, 5524, 5490, 5474, 5720, 5257, 5352, 5562, 5336, 5303, 5603, 5477, 5678, 5356, 5347, 5552, 5605, 5437, 5279, 5334, 5287, 5253, 5290, 5641, 5659, 5645, 5725, 5635, 5444, 5576, 5296, 5630, 5663, 5650, 5305, 5275, 5454, 5629, 5722, 5558, 5515, 5516, 5497, 5547, 5267, 5259, 5489, 5709, 5572, 5637, 5304, 5298, 5721, 5391, 5286, 5617, 5318, 5582, 5266, 5328 (7 hits) (03/25/2013 09:07:39 PM)
3	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5656, 5379, 5681, 5654, 5544, 5465, 5599, 5427, 5595, 5440, 5424, 5666, 5522, 5382, 5337, 5268, 5430, 5278, 5458, 5442, 5658, 5627, 5630, 5696, 5331, 5343, 5594, 5334, 5447, 5525, 5609, 5452, 5706, 5356, 5568, 5480, 5680, 5253,

Table 80 - 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
						5705, 5533, 5717, 5590, 5642, 5629, 5702, 5703, 5371, 5615, 5673, 5411, 5679, 5318, 5479, 5620, 5564, 5632, 5381, 5416, 5400, 5600, 5719, 5650, 5359, 5667, 5520, 5546, 5640, 5403, 5560, 5267, 5257, 5252, 5669, 5366, 5339, 5486, 5583, 5346, 5312, 5467, 5531, 5389, 5327, 5326, 5435, 5316, 5506, 5571, 5494, 5684, 5271, 5603, 5541, 5310, 5394, 5499, 5272, 5539, 5495, 5369 (7 hits) (03/25/2013 09:07:48 PM)
4	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5554, 5715, 5363, 5285, 5504, 5546, 5375, 5561, 5592, 5725, 5659, 5415, 5558, 5625, 5467, 5449, 5371, 5684, 5411, 5512, 5271, 5366, 5396, 5509, 5274, 5672, 5711, 5689, 5374, 5578, 5401, 5251, 5327, 5700, 5566, 5304, 5441, 5288, 5666, 5508, 5687, 5433, 5341, 5663, 5347, 5665, 5710, 5714, 5650, 5430, 5709, 5563, 5306, 5556, 5367, 5524, 5387, 5453, 5517, 5481, 5397, 5647, 5381, 5331, 5313, 5440, 5617, 5434, 5362, 5320, 5662, 5259, 5646, 5712, 5686, 5637, 5590, 5575, 5314, 5668, 5697, 5329, 5638, 5435, 5379, 5567, 5643, 5489, 5653, 5324, 5350, 5334, 5254, 5423, 5463, 5547, 5540, 5333, 5530, 5500 (7 hits) (03/25/2013 09:07:55 PM)
5	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5385, 5693, 5479, 5487, 5263, 5319, 5702, 5261, 5412, 5256, 5287, 5298, 5279, 5562, 5697, 5604, 5329, 5289, 5387, 5460, 5430, 5514, 5723, 5564, 5673, 5496, 5647, 5260, 5284, 5617, 5382, 5713, 5623, 5724, 5285, 5636, 5252, 5690, 5714, 5451, 5306, 5659, 5710, 5529, 5537, 5704, 5684, 5353, 5265, 5384, 5352, 5547, 5416, 5666, 5445, 5621, 5667, 5681, 5639, 5656, 5582, 5677, 5301, 5519, 5567, 5692, 5375, 5268, 5440, 5504, 5425, 5503, 5508, 5396, 5381, 5483, 5444, 5431, 5455, 5718, 5276, 5406, 5459, 5453, 5701, 5632, 5610, 5670, 5502, 5685, 5625, 5585, 5577,

Table 80 - 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
						5454, 5555, 5482, 5362, 5448, 5614, 5380 (8 hits) (03/25/2013 09:08:01 PM)
6	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5364, 5492, 5498, 5579, 5488, 5624, 5539, 5444, 5331, 5281, 5359, 5505, 5659, 5599, 5344, 5383, 5296, 5685, 5572, 5428, 5313, 5384, 5485, 5677, 5529, 5523, 5569, 5311, 5639, 5404, 5635, 5632, 5695, 5390, 5515, 5591, 5580, 5343, 5320, 5360, 5544, 5479, 5353, 5564, 5705, 5628, 5283, 5446, 5338, 5607, 5595, 5689, 5621, 5381, 5314, 5349, 5506, 5676, 5673, 5680, 5375, 5412, 5481, 5490, 5533, 5258, 5582, 5477, 5666, 5567, 5429, 5340, 5336, 5557, 5648, 5293, 5407, 5482, 5525, 5548, 5322, 5691, 5642, 5437, 5663, 5290, 5298, 5655, 5597, 5678, 5551, 5570, 5596, 5308, 5430, 5284, 5449, 5517, 5559, 5270 (9 hits) (03/25/2013 09:08:10 PM)
7	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5641, 5707, 5485, 5399, 5596, 5620, 5529, 5330, 5297, 5315, 5439, 5314, 5397, 5420, 5668, 5413, 5387, 5279, 5512, 5469, 5724, 5492, 5418, 5660, 5356, 5570, 5533, 5253, 5433, 5723, 5687, 5713, 5505, 5270, 5576, 5638, 5545, 5367, 5662, 5605, 5600, 5403, 5580, 5424, 5678, 5574, 5328, 5464, 5490, 5343, 5359, 5256, 5607, 5550, 5317, 5355, 5610, 5681, 5693, 5506, 5551, 5690, 5474, 5391, 5624, 5276, 5622, 5293, 5583, 5456, 5447, 5309, 5318, 5470, 5499, 5254, 5710, 5682, 5486, 5365, 5539, 5272, 5364, 5573, 5480, 5430, 5647, 5453, 5467, 5497, 5411, 5423, 5340, 5625, 5290, 5664, 5334, 5415, 5564, 5332 (7 hits) (03/25/2013 09:08:18 PM)
8	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5720, 5460, 5410, 5325, 5276, 5416, 5640, 5384, 5402, 5633, 5333, 5296, 5637, 5470, 5452, 5319, 5521, 5661, 5631, 5513, 5295, 5330, 5489, 5586, 5632, 5382, 5315, 5357, 5362, 5721, 5347, 5497, 5343, 5667, 5263, 5660, 5310, 5326,

Table 80 - 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
						5301, 5658, 5559, 5373, 5568, 5508, 5260, 5350, 5278, 5480, 5715, 5599, 5515, 5538, 5709, 5355, 5692, 5281, 5542, 5341, 5398, 5463, 5704, 5626, 5628, 5693, 5425, 5390, 5411, 5696, 5438, 5651, 5592, 5583, 5318, 5287, 5427, 5481, 5432, 5478, 5445, 5507, 5492, 5327, 5279, 5613, 5482, 5719, 5511, 5723, 5421, 5687, 5567, 5266, 5442, 5574, 5565, 5566, 5417, 5540, 5381, 5379 (8 hits) (03/25/2013 09:08:25 PM)
9	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5426, 5574, 5262, 5472, 5482, 5334, 5527, 5368, 5275, 5526, 5350, 5602, 5578, 5404, 5356, 5261, 5565, 5559, 5371, 5669, 5704, 5699, 5552, 5610, 5428, 5393, 5452, 5320, 5257, 5657, 5410, 5392, 5313, 5645, 5305, 5379, 5486, 5455, 5492, 5684, 5271, 5724, 5518, 5586, 5387, 5324, 5311, 5416, 5473, 5618, 5673, 5522, 5674, 5549, 5260, 5299, 5337, 5429, 5369, 5513, 5373, 5464, 5310, 5349, 5417, 5521, 5598, 5419, 5650, 5327, 5658, 5300, 5270, 5254, 5571, 5583, 5715, 5591, 5398, 5682, 5666, 5344, 5543, 5507, 5679, 5346, 5321, 5505, 5298, 5614, 5375, 5664, 5459, 5622, 5576, 5604, 5676, 5296, 5655, 5316 (9 hits) (03/25/2013 09:08:36 PM)
10	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5313, 5297, 5348, 5704, 5412, 5339, 5570, 5483, 5651, 5562, 5726, 5652, 5487, 5555, 5409, 5551, 5642, 5611, 5270, 5284, 5714, 5304, 5574, 5540, 5298, 5564, 5307, 5261, 5724, 5343, 5685, 5720, 5318, 5639, 5663, 5467, 5586, 5708, 5399, 5311, 5254, 5401, 5647, 5259, 5267, 5406, 5475, 5491, 5302, 5513, 5516, 5484, 5688, 5367, 5554, 5633, 5580, 5479, 5420, 5256, 5293, 5328, 5711, 5696, 5560, 5598, 5576, 5578, 5535, 5577, 5309, 5252, 5507, 5669, 5595, 5434, 5665, 5281, 5363, 5478, 5630, 5471, 5364, 5423, 5687, 5301, 5521, 5280, 5358, 5489, 5543, 5465, 5599,

Table 80 - 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
						5317, 5502, 5366, 5386, 5387, 5547, 5283 (6 hits) (03/25/2013 09:08:44 PM)
11	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5420, 5597, 5303, 5309, 5425, 5553, 5340, 5717, 5392, 5631, 5351, 5720, 5421, 5323, 5682, 5507, 5455, 5408, 5346, 5348, 5494, 5355, 5561, 5543, 5630, 5575, 5381, 5678, 5390, 5467, 5301, 5703, 5555, 5478, 5549, 5674, 5702, 5581, 5563, 5697, 5651, 5552, 5495, 5306, 5624, 5660, 5589, 5260, 5386, 5344, 5666, 5259, 5383, 5566, 5298, 5536, 5275, 5518, 5499, 5307, 5326, 5493, 5712, 5679, 5604, 5322, 5709, 5258, 5516, 5522, 5635, 5576, 5414, 5550, 5433, 5465, 5627, 5676, 5595, 5675, 5605, 5574, 5473, 5672, 5637, 5422, 5684, 5505, 5690, 5444, 5534, 5294, 5527, 5397, 5439, 5471, 5464, 5401, 5548, 5342 (10 hits) (03/25/2013 09:08:56 PM)
12	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5404, 5278, 5632, 5450, 5420, 5718, 5538, 5439, 5658, 5642, 5648, 5707, 5275, 5565, 5436, 5425, 5530, 5575, 5363, 5696, 5342, 5630, 5484, 5460, 5448, 5360, 5625, 5295, 5416, 5480, 5321, 5588, 5435, 5257, 5274, 5399, 5337, 5622, 5459, 5510, 5650, 5673, 5428, 5597, 5713, 5519, 5657, 5709, 5253, 5263, 5377, 5438, 5504, 5701, 5683, 5562, 5558, 5449, 5697, 5609, 5441, 5369, 5587, 5549, 5444, 5367, 5487, 5536, 5457, 5515, 5483, 5598, 5286, 5634, 5308, 5431, 5378, 5297, 5531, 5481, 5411, 5652, 5524, 5366, 5507, 5649, 5396, 5691, 5685, 5477, 5542, 5351, 5273, 5316, 5603, 5717, 5670, 5688, 5596, 5393 (6 hits) (03/25/2013 09:09:04 PM)
13	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5484, 5688, 5612, 5450, 5641, 5721, 5654, 5488, 5566, 5475, 5266, 5701, 5465, 5500, 5313, 5403, 5285, 5335, 5685, 5722, 5385, 5555, 5663, 5664, 5591, 5291, 5269, 5309, 5597, 5422, 5629, 5379, 5342, 5653, 5585, 5391, 5396, 5295,

Table 80 - 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
						5460, 5528, 5256, 5643, 5616, 5697, 5662, 5274, 5332, 5411, 5712, 5257, 5373, 5358, 5510, 5482, 5392, 5290, 5523, 5321, 5526, 5557, 5259, 5265, 5541, 5586, 5532, 5539, 5398, 5606, 5463, 5302, 5270, 5436, 5296, 5713, 5331, 5625, 5645, 5495, 5458, 5341, 5535, 5277, 5292, 5415, 5255, 5441, 5497, 5451, 5512, 5310, 5276, 5487, 5251, 5447, 5275, 5669, 5349, 5491, 5456, 5372 (9 hits) (03/25/2013 09:09:12 PM)
14	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5701, 5442, 5539, 5330, 5462, 5656, 5627, 5271, 5671, 5477, 5395, 5409, 5362, 5270, 5289, 5476, 5700, 5611, 5256, 5322, 5666, 5699, 5716, 5672, 5533, 5419, 5263, 5606, 5635, 5265, 5370, 5502, 5629, 5683, 5659, 5616, 5592, 5373, 5609, 5691, 5633, 5435, 5717, 5355, 5380, 5703, 5488, 5654, 5481, 5272, 5451, 5473, 5349, 5471, 5724, 5348, 5599, 5644, 5626, 5552, 5590, 5431, 5423, 5527, 5536, 5441, 5340, 5638, 5645, 5281, 5548, 5695, 5361, 5551, 5601, 5509, 5344, 5579, 5610, 5596, 5496, 5288, 5478, 5715, 5649, 5410, 5319, 5490, 5375, 5589, 5456, 5517, 5274, 5559, 5346, 5498, 5367, 5353, 5494, 5401 (7 hits) (03/25/2013 09:09:20 PM)
15	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5435, 5608, 5697, 5443, 5257, 5586, 5449, 5495, 5395, 5375, 5614, 5321, 5259, 5413, 5365, 5720, 5299, 5711, 5343, 5704, 5336, 5372, 5406, 5303, 5675, 5512, 5516, 5535, 5653, 5539, 5524, 5578, 5612, 5481, 5397, 5424, 5555, 5681, 5520, 5270, 5526, 5569, 5585, 5699, 5387, 5291, 5713, 5335, 5671, 5479, 5394, 5632, 5313, 5507, 5638, 5631, 5497, 5475, 5623, 5691, 5613, 5615, 5316, 5466, 5682, 5379, 5319, 5528, 5455, 5362, 5527, 5694, 5442, 5584, 5432, 5292, 5349, 5453, 5383, 5275, 5717, 5550, 5606, 5597, 5405, 5546, 5568, 5616, 5698, 5477, 5646, 5315, 5391,

Table 80 - 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
						5637, 5622, 5502, 5456, 5562, 5417, 5357 (11 hits) (03/25/2013 09:09:28 PM)
16	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5675, 5349, 5566, 5311, 5356, 5512, 5460, 5323, 5355, 5594, 5539, 5289, 5681, 5474, 5657, 5673, 5369, 5720, 5458, 5453, 5395, 5519, 5685, 5663, 5332, 5329, 5687, 5534, 5270, 5263, 5708, 5452, 5617, 5530, 5713, 5538, 5275, 5701, 5467, 5292, 5689, 5642, 5417, 5386, 5495, 5393, 5436, 5499, 5623, 5372, 5374, 5580, 5408, 5492, 5636, 5266, 5609, 5572, 5258, 5524, 5410, 5256, 5304, 5384, 5644, 5510, 5260, 5695, 5532, 5591, 5376, 5411, 5528, 5459, 5522, 5649, 5359, 5431, 5493, 5346, 5497, 5711, 5319, 5483, 5336, 5715, 5593, 5382, 5620, 5584, 5320, 5303, 5445, 5535, 5586, 5315, 5614, 5660, 5468, 5426 (11 hits) (03/25/2013 09:09:38 PM)
17	9	1.0	333.0	No	5505.0MHz, -64.0dBm	Hop sequence: 5314, 5544, 5318, 5327, 5338, 5317, 5698, 5553, 5364, 5406, 5431, 5303, 5345, 5495, 5579, 5632, 5602, 5427, 5341, 5348, 5469, 5567, 5640, 5583, 5626, 5354, 5460, 5710, 5407, 5678, 5696, 5614, 5261, 5538, 5276, 5512, 5724, 5322, 5309, 5692, 5559, 5331, 5650, 5283, 5508, 5346, 5285, 5279, 5668, 5556, 5591, 5432, 5533, 5502, 5549, 5484, 5503, 5683, 5712, 5252, 5704, 5577, 5459, 5498, 5265, 5453, 5514, 5367, 5609, 5413, 5499, 5706, 5349, 5540, 5481, 5381, 5501, 5617, 5335, 5374, 5522, 5351, 5267, 5555, 5474, 5326, 5606, 5266, 5629, 5442, 5715, 5709, 5308, 5513, 5547, 5699, 5718, 5358, 5631, 5463 (11 hits) (03/25/2013 09:09:46 PM)
18	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5664, 5540, 5609, 5293, 5256, 5395, 5557, 5458, 5456, 5358, 5673, 5723, 5646, 5255, 5567, 5628, 5346, 5535, 5625, 5270, 5409, 5368, 5400, 5397, 5271, 5278, 5620, 5292, 5547, 5569, 5686, 5402, 5352, 5717, 5488, 5321, 5702, 5298,

Table 80 - 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
						5353, 5613, 5385, 5421, 5513, 5524, 5659, 5465, 5340, 5573, 5563, 5629, 5343, 5460, 5685, 5282, 5591, 5509, 5337, 5370, 5610, 5643, 5254, 5379, 5500, 5545, 5384, 5601, 5632, 5571, 5311, 5341, 5415, 5274, 5548, 5699, 5525, 5356, 5633, 5466, 5561, 5275, 5655, 5562, 5390, 5479, 5537, 5660, 5586, 5578, 5604, 5277, 5342, 5303, 5372, 5496, 5626, 5596, 5707, 5714, 5661, 5258 (6 hits) (03/25/2013 09:09:53 PM)
19	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5406, 5482, 5681, 5644, 5460, 5385, 5494, 5697, 5474, 5439, 5264, 5634, 5390, 5265, 5559, 5648, 5426, 5288, 5666, 5409, 5502, 5355, 5489, 5542, 5555, 5363, 5359, 5416, 5358, 5290, 5608, 5691, 5476, 5488, 5289, 5253, 5705, 5401, 5477, 5628, 5345, 5285, 5472, 5699, 5480, 5374, 5423, 5615, 5633, 5259, 5486, 5627, 5333, 5536, 5623, 5391, 5673, 5271, 5484, 5618, 5373, 5581, 5533, 5368, 5418, 5487, 5679, 5348, 5443, 5576, 5693, 5654, 5492, 5524, 5330, 5447, 5717, 5595, 5630, 5500, 5458, 5706, 5411, 5534, 5626, 5670, 5475, 5611, 5519, 5636, 5522, 5376, 5711, 5403, 5446, 5619, 5298, 5714, 5269, 5713 (7 hits) (03/25/2013 09:10:02 PM)
20	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5619, 5268, 5623, 5502, 5531, 5278, 5405, 5415, 5469, 5615, 5572, 5431, 5407, 5416, 5473, 5252, 5674, 5317, 5454, 5520, 5668, 5357, 5561, 5656, 5588, 5580, 5303, 5341, 5532, 5456, 5420, 5726, 5725, 5654, 5499, 5333, 5640, 5577, 5516, 5342, 5339, 5661, 5350, 5522, 5554, 5437, 5694, 5285, 5277, 5519, 5713, 5608, 5633, 5419, 5650, 5361, 5287, 5651, 5551, 5606, 5355, 5719, 5590, 5453, 5575, 5434, 5280, 5387, 5662, 5292, 5331, 5430, 5709, 5602, 5697, 5442, 5688, 5481, 5257, 5564, 5647, 5618, 5329, 5598, 5360, 5593, 5309, 5325, 5496, 5399, 5260, 5569, 5452,

Table 80 - 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
						5344, 5610, 5495, 5643, 5313, 5600, 5379 (8 hits) (03/25/2013 09:10:09 PM)
21	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5439, 5348, 5585, 5460, 5413, 5546, 5334, 5382, 5688, 5564, 5264, 5335, 5303, 5415, 5367, 5257, 5504, 5341, 5725, 5604, 5424, 5421, 5274, 5473, 5619, 5545, 5466, 5366, 5628, 5349, 5309, 5668, 5342, 5516, 5538, 5500, 5610, 5663, 5581, 5368, 5291, 5433, 5659, 5537, 5672, 5359, 5517, 5386, 5404, 5351, 5635, 5622, 5648, 5660, 5548, 5484, 5519, 5644, 5298, 5586, 5261, 5445, 5252, 5447, 5436, 5379, 5350, 5718, 5453, 5493, 5273, 5345, 5578, 5275, 5587, 5426, 5369, 5662, 5344, 5637, 5702, 5472, 5281, 5376, 5724, 5671, 5712, 5352, 5684, 5406, 5300, 5686, 5444, 5645, 5479, 5507, 5286, 5282, 5654, 5596 (7 hits) (03/25/2013 09:10:21 PM)
22	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5333, 5398, 5600, 5556, 5256, 5534, 5286, 5400, 5407, 5342, 5698, 5605, 5365, 5561, 5674, 5327, 5525, 5599, 5376, 5640, 5435, 5415, 5281, 5518, 5668, 5680, 5397, 5475, 5349, 5359, 5504, 5522, 5470, 5708, 5576, 5618, 5570, 5601, 5520, 5321, 5646, 5642, 5567, 5423, 5480, 5448, 5687, 5620, 5469, 5719, 5701, 5345, 5650, 5667, 5694, 5500, 5632, 5697, 5673, 5331, 5309, 5337, 5264, 5410, 5455, 5544, 5686, 5279, 5350, 5310, 5506, 5483, 5371, 5393, 5532, 5494, 5503, 5285, 5284, 5603, 5549, 5453, 5287, 5502, 5298, 5578, 5649, 5515, 5318, 5354, 5401, 5662, 5655, 5471, 5630, 5270, 5683, 5441, 5531, 5679 (11 hits) (03/25/2013 09:10:31 PM)
23	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5319, 5336, 5515, 5653, 5718, 5340, 5387, 5544, 5405, 5715, 5291, 5634, 5704, 5328, 5547, 5385, 5437, 5477, 5664, 5315, 5694, 5362, 5615, 5485, 5673, 5711, 5525, 5327, 5532, 5264, 5700, 5511, 5566, 5335, 5577, 5446, 5344, 5498,

Table 80 - 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
						5633, 5337, 5307, 5571, 5627, 5614, 5478, 5365, 5506, 5389, 5678, 5425, 5433, 5546, 5640, 5401, 5422, 5686, 5371, 5677, 5322, 5396, 5420, 5641, 5273, 5416, 5716, 5622, 5482, 5426, 5509, 5347, 5551, 5407, 5452, 5576, 5486, 5642, 5492, 5493, 5529, 5368, 5330, 5275, 5321, 5370, 5363, 5608, 5692, 5369, 5334, 5513, 5708, 5626, 5663, 5329, 5454, 5257, 5366, 5681, 5316, 5621 (10 hits) (03/25/2013 09:10:40 PM)
24	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5674, 5452, 5532, 5563, 5268, 5308, 5278, 5592, 5521, 5677, 5340, 5559, 5693, 5277, 5575, 5458, 5518, 5699, 5331, 5537, 5710, 5326, 5712, 5687, 5474, 5321, 5613, 5384, 5318, 5371, 5680, 5461, 5645, 5573, 5256, 5346, 5632, 5569, 5478, 5285, 5471, 5642, 5650, 5380, 5510, 5629, 5565, 5431, 5577, 5621, 5298, 5520, 5624, 5300, 5658, 5490, 5317, 5420, 5606, 5290, 5496, 5480, 5405, 5369, 5444, 5394, 5316, 5309, 5581, 5507, 5351, 5424, 5343, 5381, 5530, 5600, 5544, 5342, 5255, 5354, 5578, 5299, 5689, 5428, 5487, 5610, 5500, 5501, 5327, 5631, 5665, 5572, 5355, 5582, 5662, 5451, 5440, 5505, 5457, 5703 (9 hits) (03/25/2013 09:10:47 PM)
25	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5310, 5358, 5416, 5378, 5671, 5499, 5565, 5285, 5357, 5459, 5307, 5316, 5672, 5543, 5570, 5511, 5369, 5262, 5278, 5606, 5256, 5331, 5324, 5496, 5453, 5569, 5646, 5365, 5714, 5345, 5491, 5354, 5710, 5527, 5503, 5420, 5702, 5616, 5685, 5433, 5314, 5299, 5659, 5625, 5479, 5436, 5405, 5444, 5424, 5447, 5472, 5308, 5342, 5427, 5391, 5555, 5395, 5264, 5294, 5694, 5422, 5396, 5559, 5480, 5502, 5552, 5347, 5637, 5655, 5451, 5399, 5304, 5554, 5500, 5617, 5431, 5643, 5440, 5446, 5402, 5597, 5408, 5429, 5364, 5676, 5300, 5414, 5629, 5404, 5274, 5383, 5508, 5329,

Table 80 - 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
						5379, 5333, 5585, 5386, 5292, 5340, 5582 (9 hits) (03/25/2013 09:10:56 PM)
26	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5356, 5318, 5462, 5446, 5573, 5531, 5455, 5647, 5566, 5358, 5333, 5654, 5644, 5429, 5260, 5578, 5622, 5466, 5686, 5522, 5540, 5632, 5301, 5556, 5372, 5346, 5707, 5617, 5563, 5590, 5283, 5278, 5570, 5557, 5394, 5722, 5349, 5406, 5367, 5681, 5338, 5537, 5725, 5523, 5614, 5693, 5270, 5609, 5635, 5661, 5671, 5583, 5306, 5374, 5475, 5400, 5703, 5320, 5723, 5554, 5606, 5477, 5493, 5688, 5492, 5307, 5588, 5589, 5484, 5536, 5641, 5546, 5456, 5398, 5387, 5497, 5663, 5277, 5642, 5651, 5255, 5542, 5653, 5254, 5383, 5569, 5655, 5547, 5668, 5620, 5368, 5649, 5469, 5591, 5658, 5613, 5252, 5431, 5280, 5717 (5 hits) (03/25/2013 09:11:04 PM)
27	9	1.0	333.0	No	5515.0MHz, -64.0dBm	Hop sequence: 5253, 5686, 5724, 5622, 5513, 5251, 5548, 5707, 5366, 5678, 5516, 5339, 5532, 5363, 5475, 5252, 5470, 5496, 5392, 5697, 5281, 5511, 5265, 5389, 5444, 5665, 5720, 5657, 5319, 5660, 5630, 5460, 5404, 5348, 5508, 5382, 5295, 5564, 5358, 5692, 5272, 5394, 5621, 5538, 5417, 5662, 5582, 5693, 5351, 5528, 5517, 5586, 5381, 5309, 5526, 5416, 5649, 5695, 5285, 5385, 5438, 5493, 5420, 5523, 5276, 5539, 5352, 5615, 5668, 5335, 5357, 5347, 5599, 5717, 5536, 5466, 5345, 5524, 5703, 5503, 5550, 5362, 5447, 5462, 5465, 5449, 5715, 5573, 5705, 5421, 5364, 5474, 5509, 5685, 5581, 5502, 5576, 5391, 5490, 5600 (14 hits) (03/25/2013 09:11:13 PM)
28	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5553, 5292, 5371, 5669, 5459, 5299, 5356, 5581, 5487, 5549, 5335, 5317, 5666, 5426, 5261, 5300, 5622, 5420, 5712, 5297, 5254, 5664, 5587, 5702, 5471, 5320, 5662, 5438, 5308, 5265, 5414, 5370, 5480, 5319, 5467, 5264, 5619, 5656,

Table 80 - 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
						5357, 5513, 5449, 5475, 5346, 5695, 5563, 5703, 5548, 5285, 5557, 5590, 5369, 5417, 5302, 5516, 5333, 5608, 5443, 5303, 5661, 5382, 5598, 5517, 5519, 5651, 5629, 5574, 5699, 5501, 5301, 5450, 5640, 5637, 5411, 5552, 5415, 5359, 5603, 5521, 5391, 5704, 5413, 5507, 5477, 5710, 5327, 5697, 5562, 5688, 5334, 5502, 5435, 5330, 5306, 5476, 5511, 5474, 5323, 5578, 5447, 5713 (9 hits) (03/25/2013 09:11:20 PM)
29	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5352, 5517, 5604, 5719, 5587, 5460, 5629, 5438, 5574, 5701, 5435, 5595, 5546, 5390, 5422, 5568, 5362, 5472, 5628, 5318, 5584, 5456, 5319, 5590, 5391, 5652, 5370, 5333, 5582, 5671, 5485, 5455, 5572, 5565, 5680, 5600, 5490, 5696, 5580, 5427, 5622, 5690, 5699, 5531, 5721, 5691, 5638, 5559, 5461, 5623, 5343, 5332, 5448, 5350, 5445, 5302, 5347, 5508, 5477, 5561, 5497, 5291, 5577, 5252, 5451, 5425, 5586, 5678, 5479, 5367, 5651, 5634, 5566, 5471, 5631, 5521, 5603, 5601, 5469, 5635, 5364, 5519, 5675, 5683, 5641, 5410, 5360, 5308, 5514, 5614, 5722, 5290, 5667, 5585, 5588, 5715, 5473, 5366, 5609, 5528 (7 hits) (03/25/2013 09:11:29 PM)
30	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5499, 5287, 5670, 5594, 5296, 5457, 5378, 5306, 5268, 5508, 5295, 5651, 5638, 5606, 5332, 5281, 5560, 5290, 5272, 5420, 5435, 5426, 5302, 5718, 5418, 5563, 5415, 5353, 5725, 5395, 5623, 5707, 5368, 5375, 5432, 5629, 5597, 5288, 5380, 5712, 5297, 5549, 5689, 5565, 5429, 5711, 5417, 5510, 5277, 5663, 5607, 5401, 5601, 5504, 5498, 5479, 5518, 5641, 5675, 5416, 5481, 5382, 5502, 5648, 5530, 5299, 5609, 5547, 5270, 5640, 5512, 5650, 5586, 5413, 5463, 5409, 5369, 5489, 5685, 5360, 5351, 5720, 5396, 5466, 5576, 5486, 5301, 5319, 5252, 5326, 5344, 5497, 5716,

Table 80 - 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
						5286, 5398, 5414, 5661, 5691, 5702, 5678 (9 hits) (03/25/2013 09:11:36 PM)
31	9	1.0	333.0	Yes	5519.0MHz, -64.0dBm	Hop sequence: 5634, 5618, 5724, 5633, 5465, 5592, 5346, 5627, 5447, 5415, 5673, 5702, 5625, 5332, 5609, 5524, 5722, 5363, 5365, 5548, 5344, 5678, 5475, 5404, 5542, 5631, 5520, 5422, 5461, 5378, 5315, 5685, 5454, 5426, 5576, 5661, 5674, 5616, 5389, 5290, 5562, 5545, 5316, 5266, 5383, 5400, 5413, 5357, 5600, 5575, 5513, 5594, 5463, 5418, 5254, 5645, 5611, 5653, 5648, 5460, 5306, 5508, 5369, 5602, 5403, 5603, 5469, 5480, 5549, 5705, 5642, 5540, 5726, 5411, 5695, 5595, 5375, 5467, 5650, 5330, 5531, 5624, 5470, 5442, 5312, 5301, 5276, 5654, 5708, 5284, 5615, 5541, 5693, 5401, 5492, 5537, 5477, 5453, 5704, 5410 (5 hits) (03/25/2013 09:11:44 PM)
32	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5299, 5430, 5273, 5570, 5428, 5410, 5616, 5387, 5649, 5252, 5389, 5530, 5419, 5613, 5529, 5324, 5557, 5704, 5721, 5684, 5391, 5546, 5485, 5722, 5713, 5580, 5437, 5364, 5341, 5535, 5290, 5637, 5483, 5597, 5677, 5348, 5606, 5692, 5589, 5367, 5310, 5618, 5282, 5476, 5550, 5562, 5577, 5705, 5304, 5572, 5642, 5667, 5534, 5543, 5385, 5568, 5279, 5520, 5445, 5714, 5555, 5332, 5314, 5559, 5456, 5610, 5256, 5621, 5573, 5639, 5481, 5353, 5512, 5638, 5284, 5617, 5695, 5724, 5524, 5576, 5491, 5307, 5633, 5551, 5475, 5632, 5298, 5427, 5355, 5484, 5549, 5415, 5447, 5629, 5681, 5725, 5609, 5673, 5477, 5627 (5 hits) (03/25/2013 09:11:52 PM)
33	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5528, 5634, 5603, 5726, 5645, 5539, 5724, 5409, 5534, 5721, 5679, 5567, 5659, 5668, 5506, 5633, 5427, 5519, 5359, 5505, 5288, 5356, 5688, 5617, 5538, 5461, 5717, 5593, 5417, 5676, 5623, 5438, 5641, 5411, 5558, 5509, 5499, 5371,

Table 80 - 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
						5524, 5626, 5655, 5665, 5451, 5637, 5592, 5675, 5590, 5318, 5711, 5399, 5615, 5291, 5596, 5474, 5337, 5654, 5454, 5313, 5334, 5364, 5482, 5585, 5640, 5644, 5682, 5446, 5464, 5696, 5723, 5677, 5485, 5443, 5486, 5685, 5466, 5254, 5684, 5463, 5296, 5341, 5298, 5279, 5260, 5581, 5699, 5460, 5580, 5404, 5467, 5690, 5555, 5413, 5522, 5354, 5426, 5453, 5718, 5471, 5627, 5307 (8 hits) (03/25/2013 09:12:02 PM)
34	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5254, 5377, 5256, 5677, 5309, 5578, 5635, 5259, 5722, 5539, 5509, 5498, 5426, 5581, 5375, 5706, 5703, 5689, 5673, 5304, 5425, 5598, 5439, 5281, 5605, 5457, 5577, 5513, 5542, 5443, 5558, 5321, 5392, 5373, 5556, 5355, 5504, 5290, 5350, 5274, 5440, 5554, 5620, 5592, 5615, 5564, 5640, 5555, 5526, 5607, 5608, 5447, 5449, 5403, 5472, 5715, 5391, 5442, 5438, 5402, 5618, 5645, 5683, 5695, 5528, 5495, 5311, 5670, 5459, 5546, 5579, 5308, 5512, 5300, 5395, 5265, 5317, 5329, 5595, 5313, 5606, 5589, 5529, 5654, 5582, 5701, 5331, 5372, 5349, 5510, 5712, 5448, 5453, 5679, 5571, 5316, 5599, 5272, 5563, 5437 (10 hits) (03/25/2013 09:12:10 PM)
35	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5700, 5466, 5339, 5531, 5264, 5491, 5474, 5715, 5352, 5514, 5701, 5593, 5577, 5541, 5333, 5274, 5426, 5594, 5493, 5273, 5424, 5373, 5489, 5395, 5371, 5614, 5252, 5500, 5635, 5278, 5516, 5652, 5399, 5382, 5260, 5584, 5596, 5540, 5586, 5667, 5694, 5549, 5663, 5587, 5362, 5546, 5718, 5468, 5358, 5385, 5630, 5617, 5686, 5554, 5575, 5445, 5270, 5440, 5368, 5622, 5534, 5502, 5370, 5438, 5303, 5604, 5324, 5527, 5442, 5670, 5654, 5342, 5286, 5585, 5725, 5580, 5511, 5281, 5402, 5444, 5659, 5624, 5258, 5262, 5714, 5724, 5364, 5521, 5301, 5459, 5598, 5605, 5599,

Table 80 - 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
						5267, 5627, 5674, 5354, 5709, 5283, 5471 (9 hits) (03/25/2013 09:12:17 PM)
36	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5579, 5252, 5253, 5264, 5663, 5491, 5526, 5503, 5569, 5592, 5553, 5408, 5610, 5322, 5351, 5415, 5554, 5564, 5505, 5336, 5510, 5705, 5512, 5367, 5330, 5615, 5427, 5370, 5345, 5637, 5441, 5621, 5467, 5631, 5522, 5492, 5431, 5349, 5398, 5402, 5538, 5371, 5479, 5671, 5502, 5597, 5305, 5601, 5551, 5329, 5521, 5552, 5275, 5694, 5457, 5306, 5456, 5669, 5289, 5581, 5360, 5452, 5591, 5549, 5311, 5681, 5555, 5391, 5499, 5723, 5585, 5342, 5557, 5500, 5423, 5365, 5448, 5307, 5487, 5692, 5548, 5450, 5260, 5701, 5267, 5352, 5319, 5606, 5310, 5447, 5449, 5536, 5294, 5327, 5419, 5504, 5460, 5495, 5428, 5661 (14 hits) (03/25/2013 09:12:25 PM)
37	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5662, 5341, 5377, 5663, 5705, 5543, 5264, 5401, 5551, 5330, 5480, 5281, 5275, 5515, 5706, 5368, 5588, 5558, 5528, 5470, 5269, 5517, 5573, 5443, 5457, 5687, 5526, 5542, 5322, 5270, 5726, 5563, 5450, 5582, 5473, 5298, 5391, 5696, 5513, 5561, 5409, 5318, 5668, 5522, 5451, 5257, 5701, 5305, 5627, 5592, 5494, 5456, 5352, 5655, 5347, 5566, 5304, 5447, 5509, 5632, 5427, 5454, 5565, 5379, 5483, 5312, 5398, 5317, 5552, 5314, 5303, 5661, 5280, 5631, 5587, 5437, 5710, 5420, 5649, 5440, 5678, 5679, 5415, 5382, 5616, 5360, 5288, 5496, 5715, 5676, 5278, 5466, 5479, 5431, 5365, 5268, 5353, 5720, 5639, 5637 (9 hits) (03/25/2013 09:12:33 PM)
38	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5689, 5586, 5475, 5581, 5364, 5405, 5584, 5667, 5480, 5624, 5389, 5615, 5413, 5347, 5424, 5318, 5670, 5715, 5492, 5723, 5705, 5307, 5719, 5325, 5696, 5295, 5414, 5322, 5337, 5566, 5538, 5398, 5288, 5281, 5613, 5545, 5450, 5644,

Table 80 - 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
						5265, 5339, 5533, 5544, 5479, 5299, 5303, 5383, 5634, 5593, 5626, 5395, 5316, 5643, 5633, 5508, 5465, 5641, 5315, 5496, 5474, 5436, 5558, 5323, 5359, 5362, 5500, 5279, 5387, 5375, 5521, 5264, 5716, 5504, 5551, 5502, 5425, 5257, 5543, 5653, 5388, 5568, 5498, 5380, 5268, 5461, 5390, 5564, 5344, 5682, 5411, 5511, 5273, 5621, 5291, 5310, 5334, 5687, 5351, 5272, 5520, 5493 (11 hits) (03/25/2013 09:12:45 PM)
39	9	1.0	333.0	Yes	5527.0MHz, -64.0dBm	Hop sequence: 5689, 5293, 5597, 5466, 5715, 5365, 5714, 5544, 5483, 5347, 5593, 5403, 5584, 5623, 5624, 5315, 5530, 5253, 5649, 5370, 5304, 5665, 5459, 5543, 5309, 5323, 5691, 5583, 5250, 5725, 5432, 5277, 5563, 5281, 5680, 5632, 5524, 5423, 5325, 5516, 5615, 5677, 5523, 5401, 5718, 5610, 5270, 5500, 5494, 5643, 5693, 5257, 5425, 5307, 5512, 5348, 5335, 5332, 5600, 5299, 5535, 5324, 5667, 5599, 5577, 5511, 5617, 5283, 5589, 5357, 5685, 5678, 5646, 5312, 5660, 5555, 5709, 5495, 5522, 5575, 5410, 5416, 5706, 5606, 5326, 5317, 5690, 5525, 5439, 5559, 5720, 5519, 5538, 5289, 5587, 5642, 5434, 5331, 5263, 5655 (11 hits) (03/25/2013 09:12:53 PM)

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 81 FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time ¹		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1 (HT20 mode)	2.44 ms	60 ms	480 ms	10 s	Pass
Radar Type 5 (HT20 mode)	0.0 ms	60 ms	-5.662 s	10 s	Pass
Radar Type 1 (HT40 mode)	2.40 ms	60 ms	504 ms	10 s	Pass
Radar Type 5 (HT40 mode)	0.0 ms	60 ms	-7.431 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.

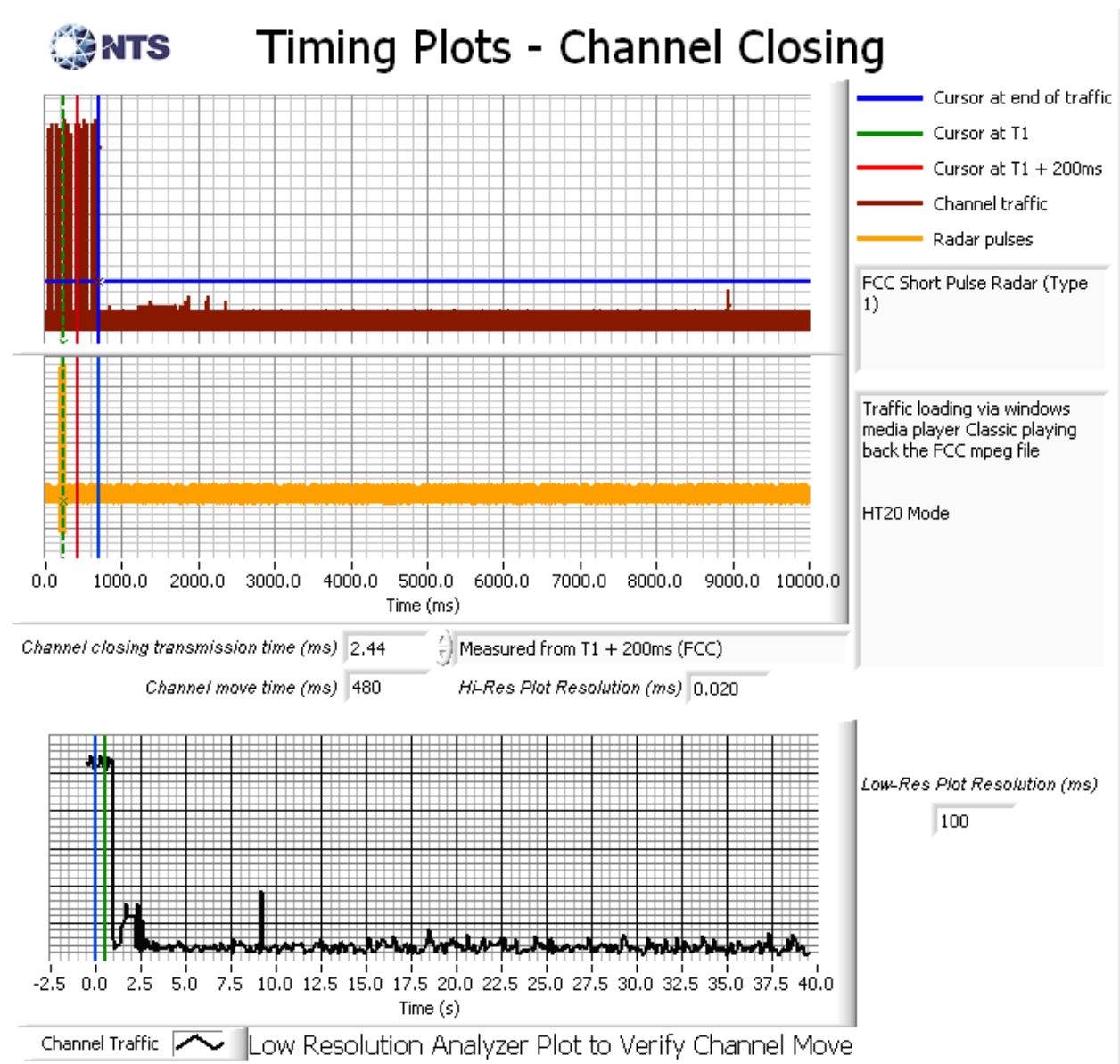


Figure 2 Channel Closing Time and Channel Move Time – 40 second plot

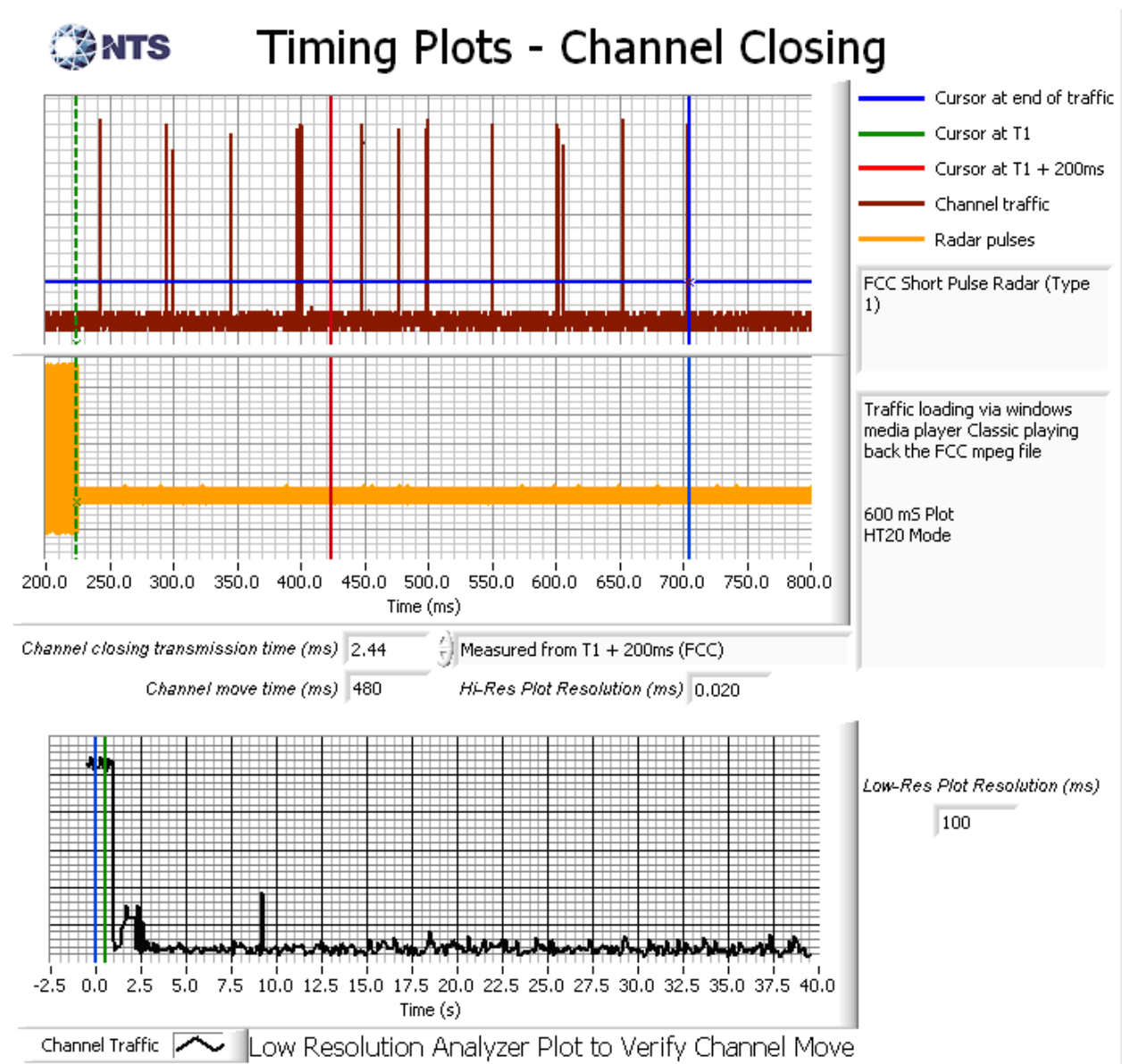


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

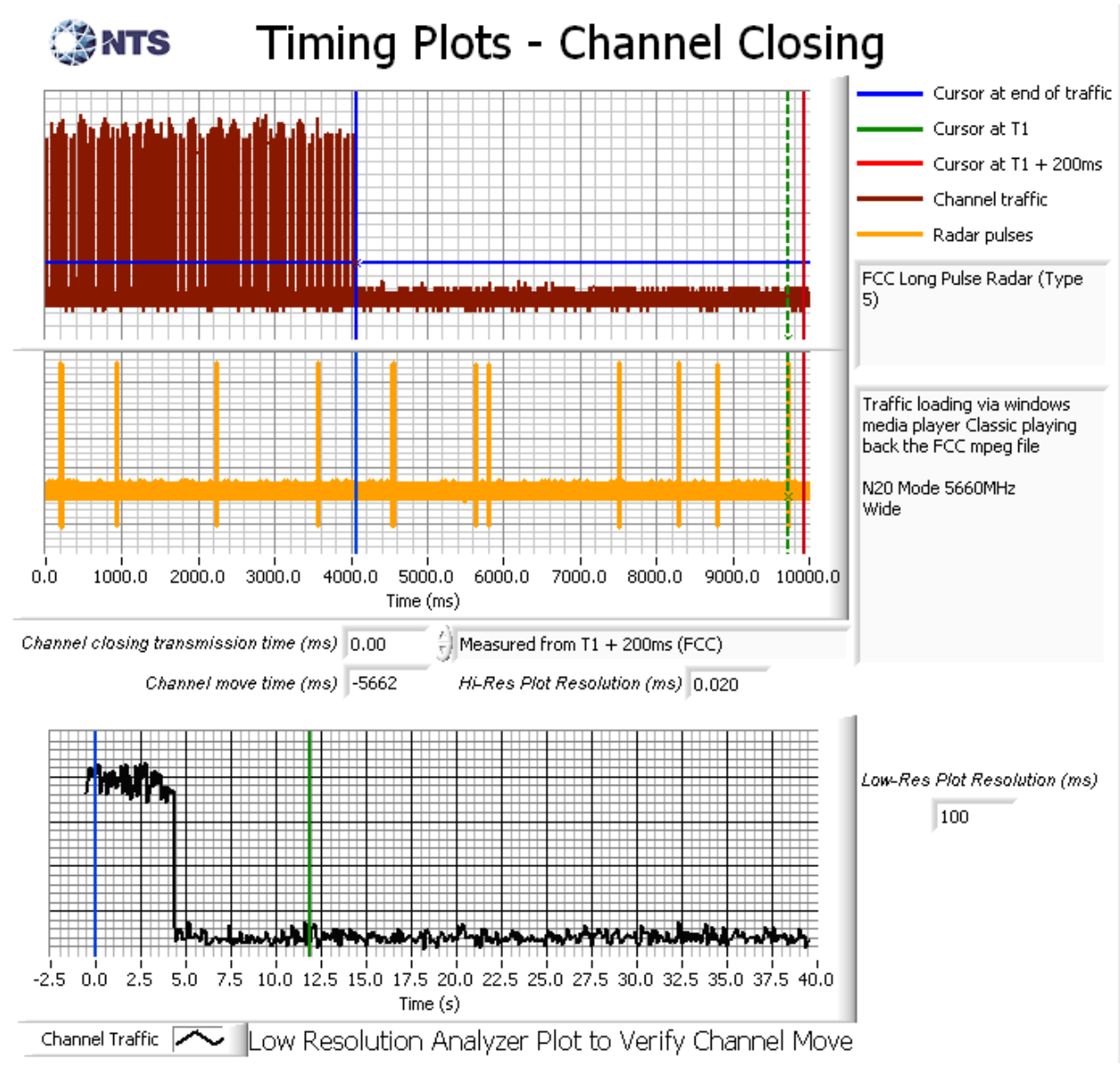


Figure 4 Channel Closing Time and Channel Move Time – 40 second plot

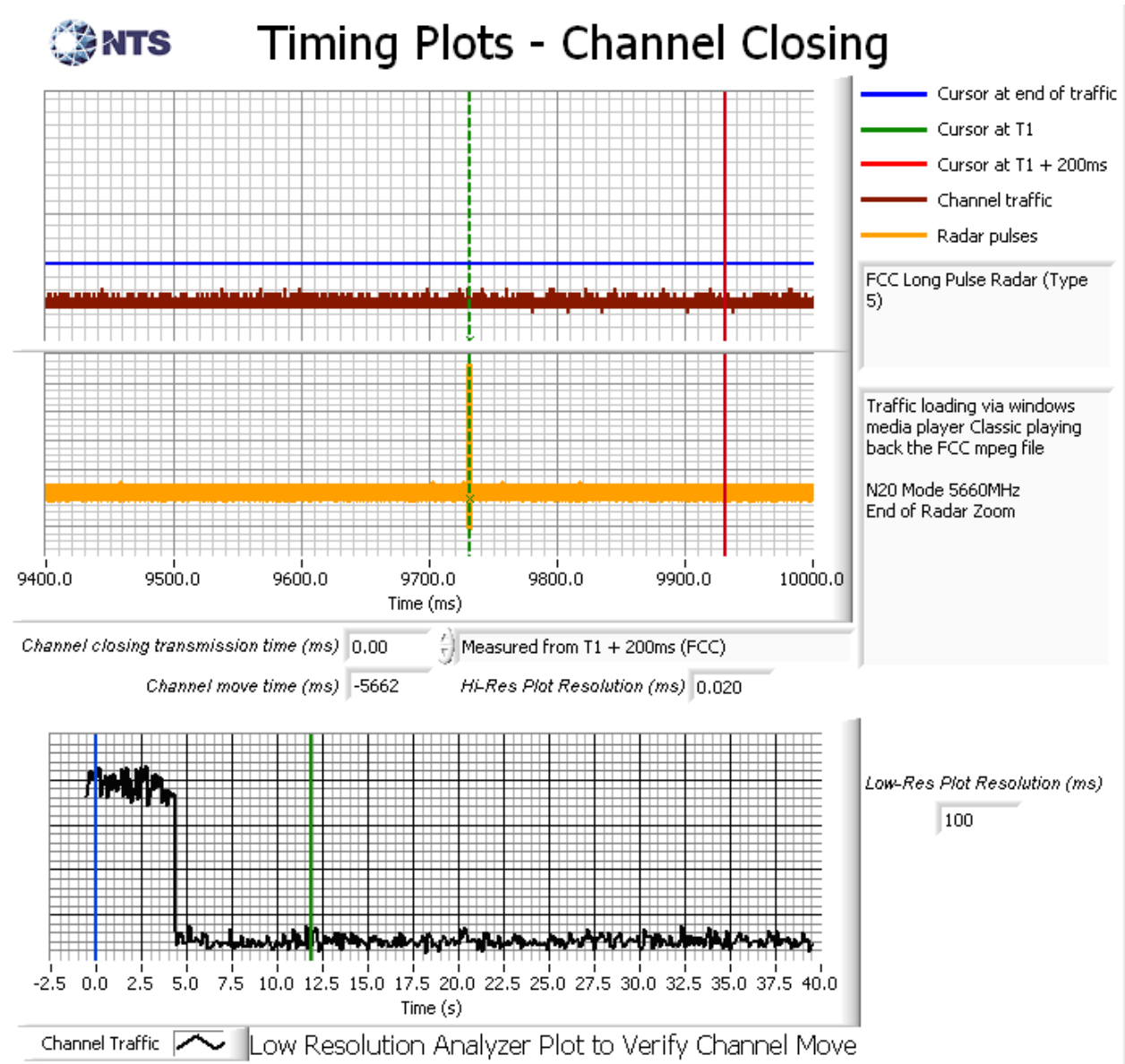


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

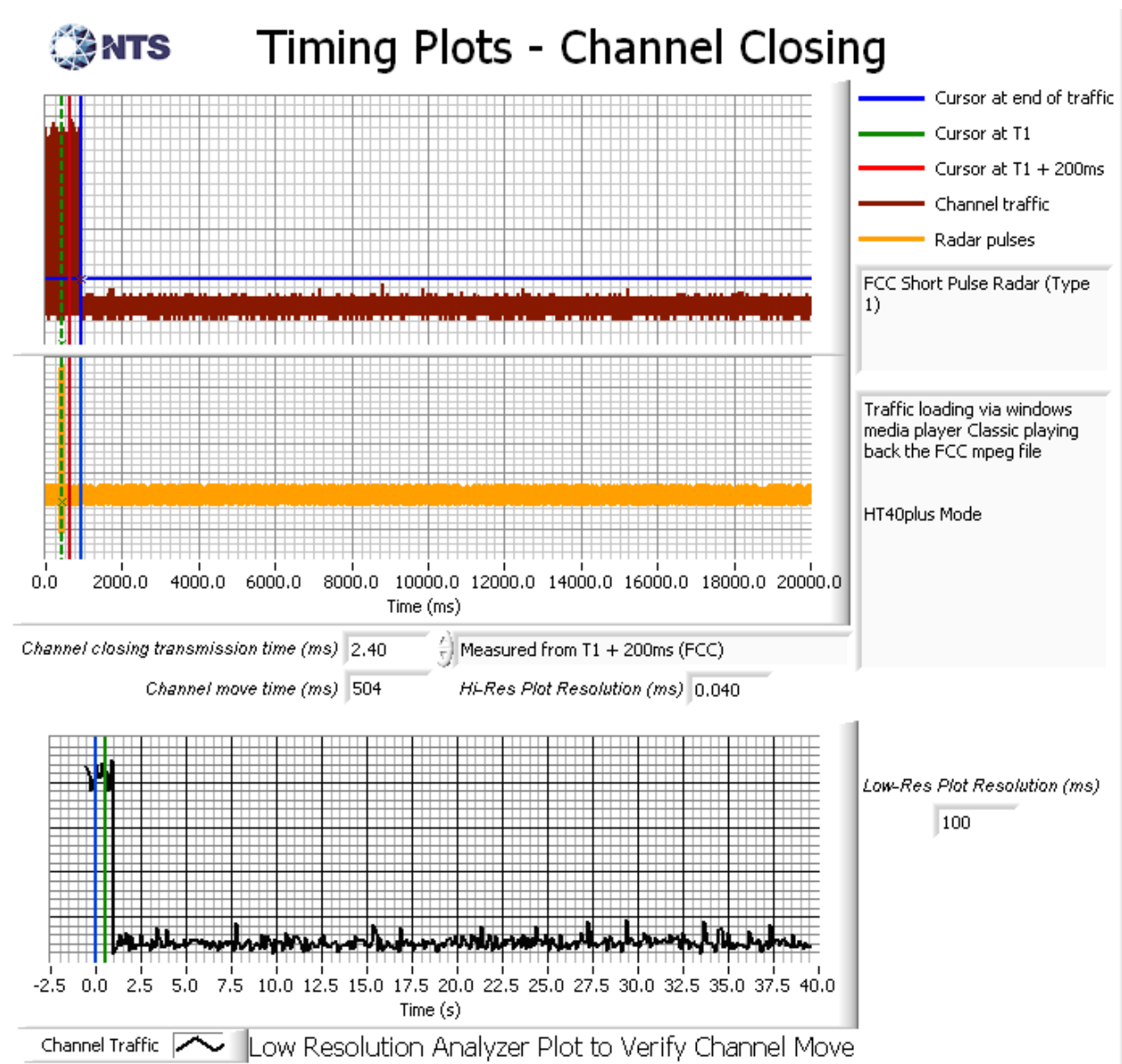


Figure 6 Channel Closing Time and Channel Move Time – 40 second plot

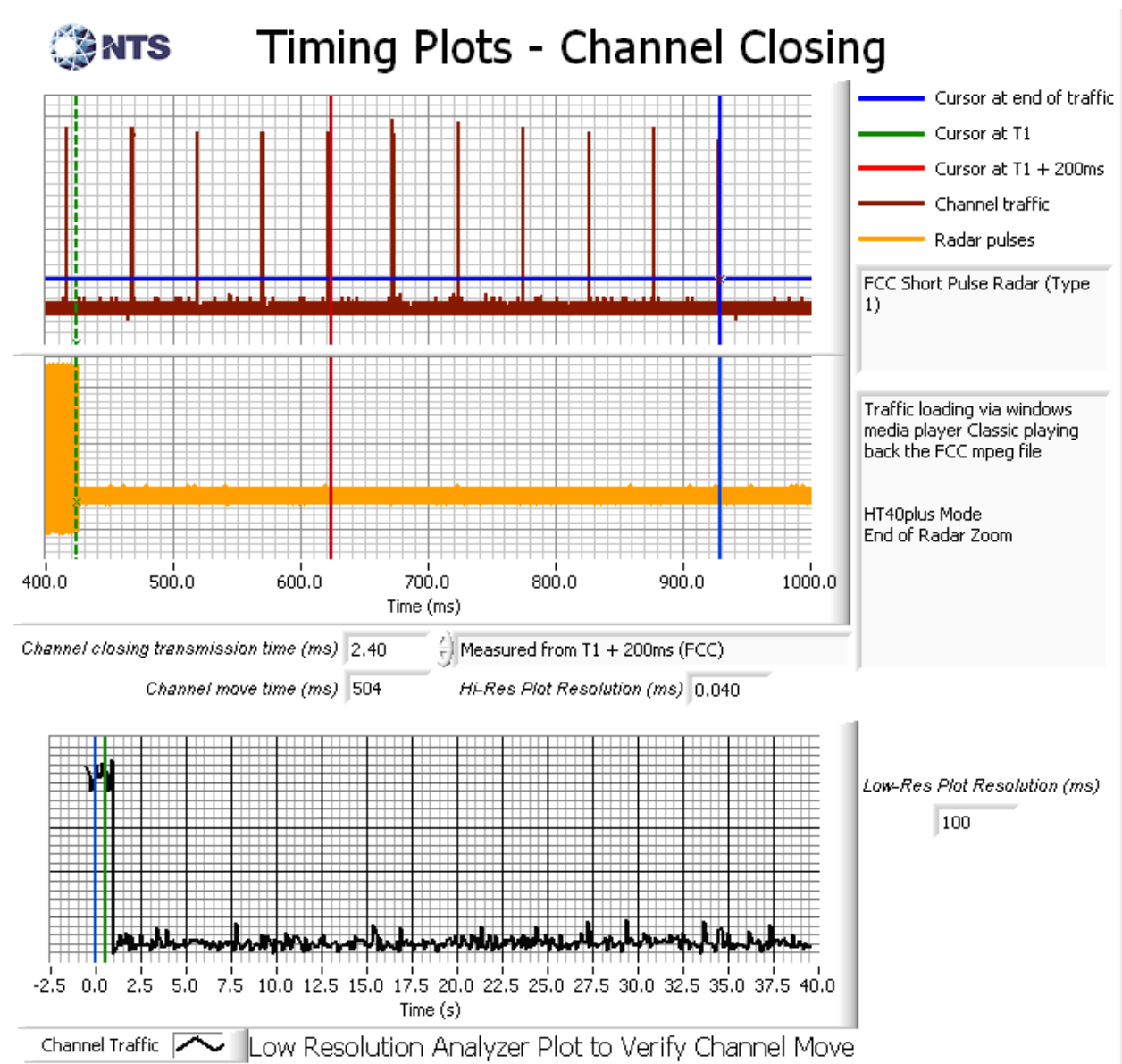


Figure 7 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

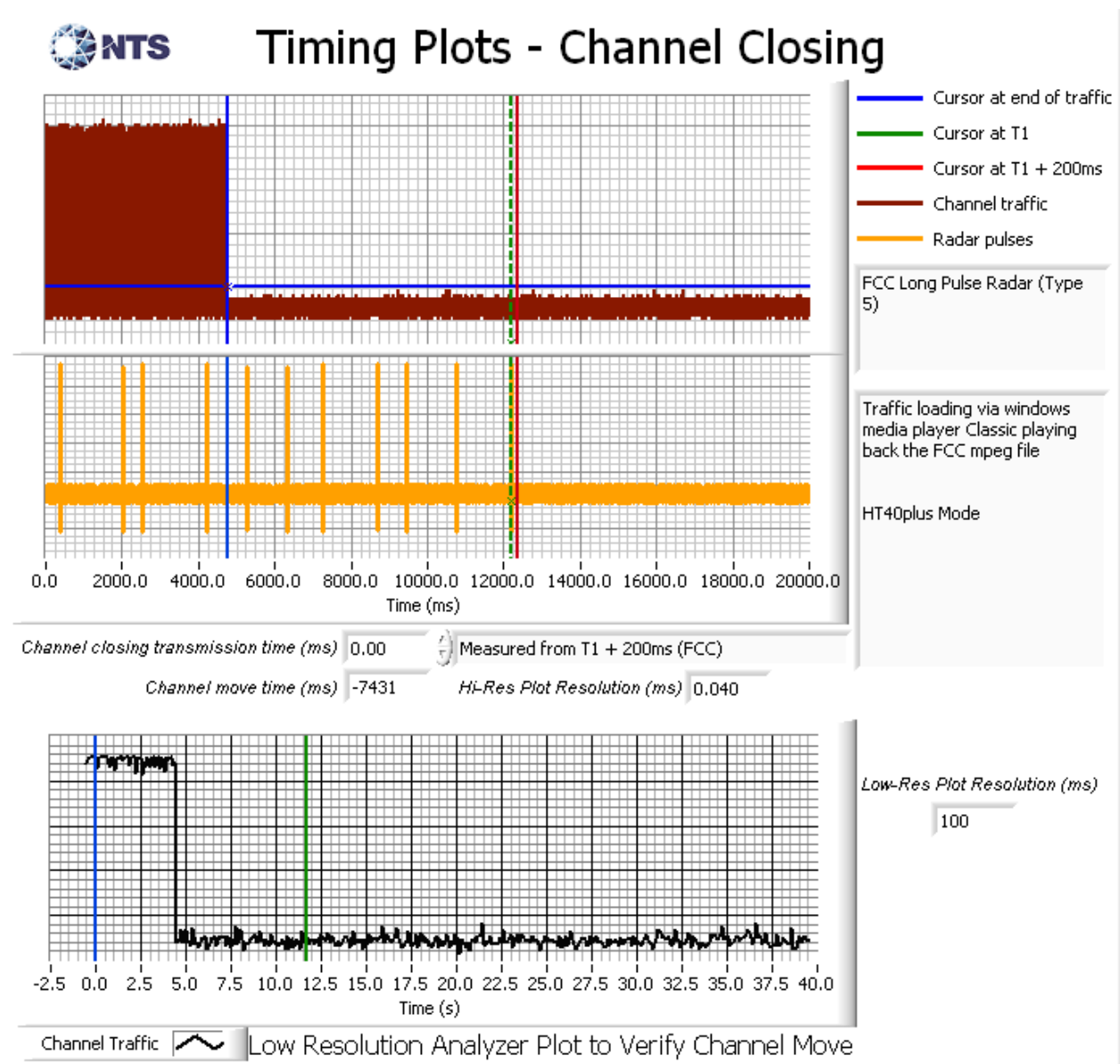


Figure 8 Channel Closing Time and Channel Move Time – 40 second plot

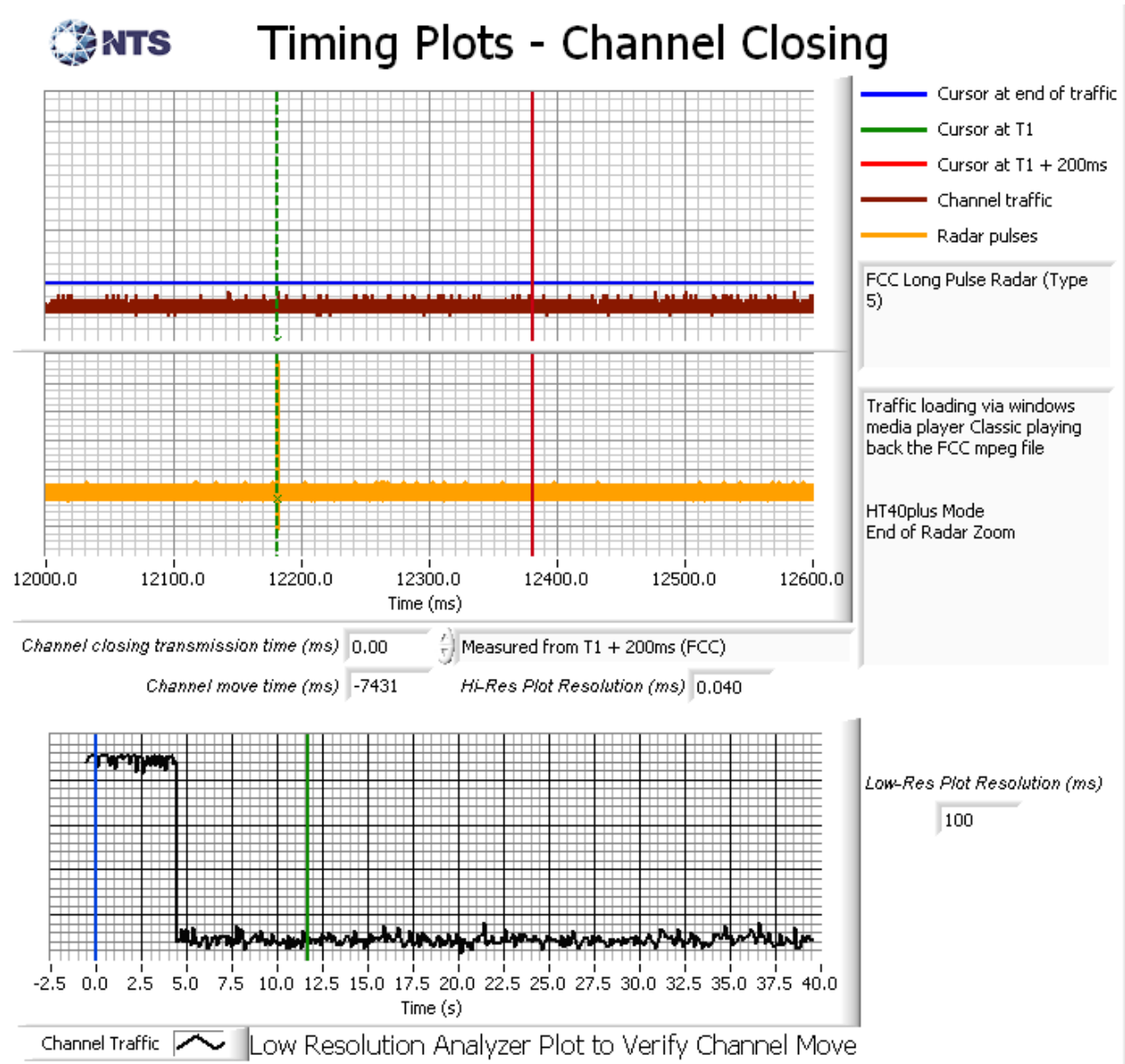


Figure 9 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

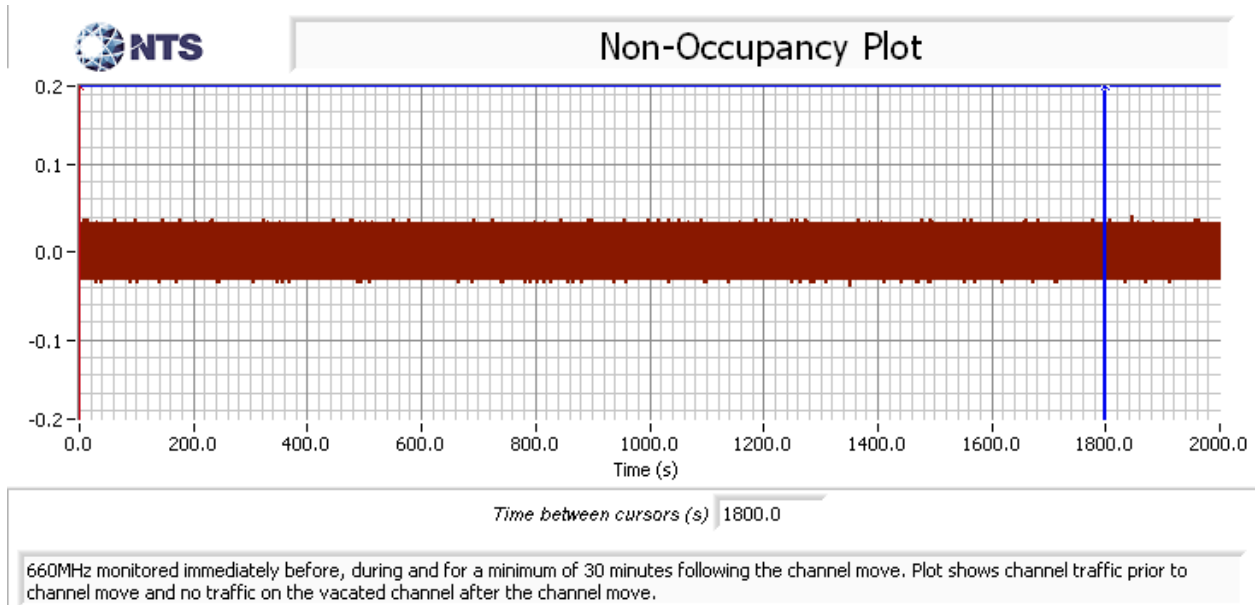


Figure 10 Radar Channel Non-Occupancy Plot

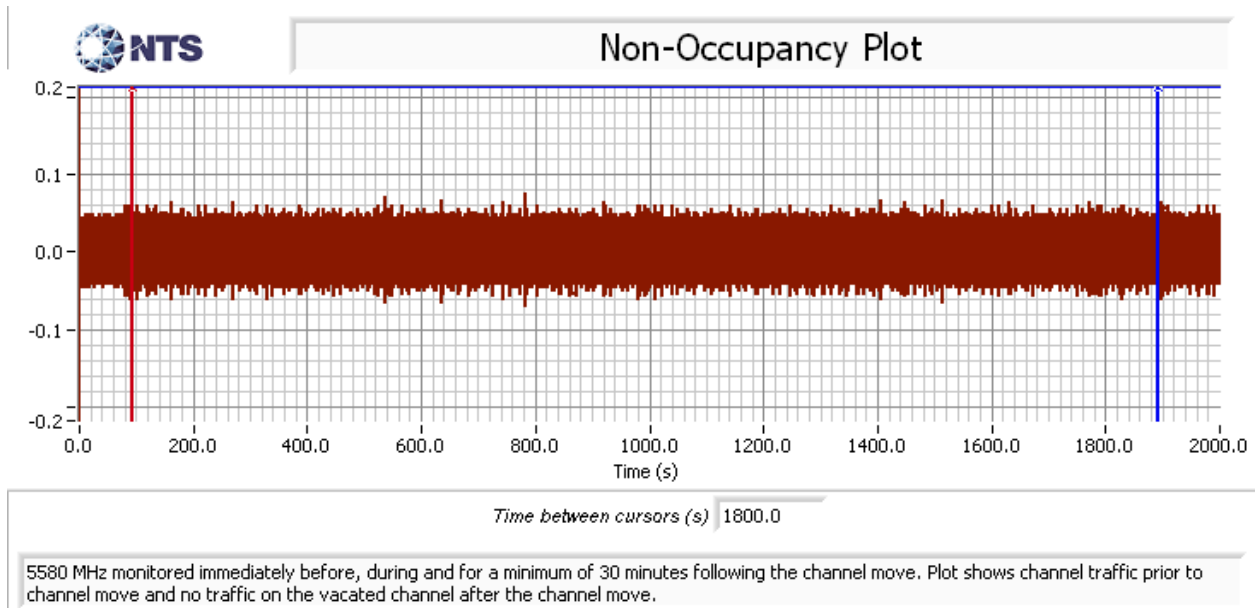


Figure 11 Radar Channel Non-Occupancy Plot

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

Appendix D Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

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

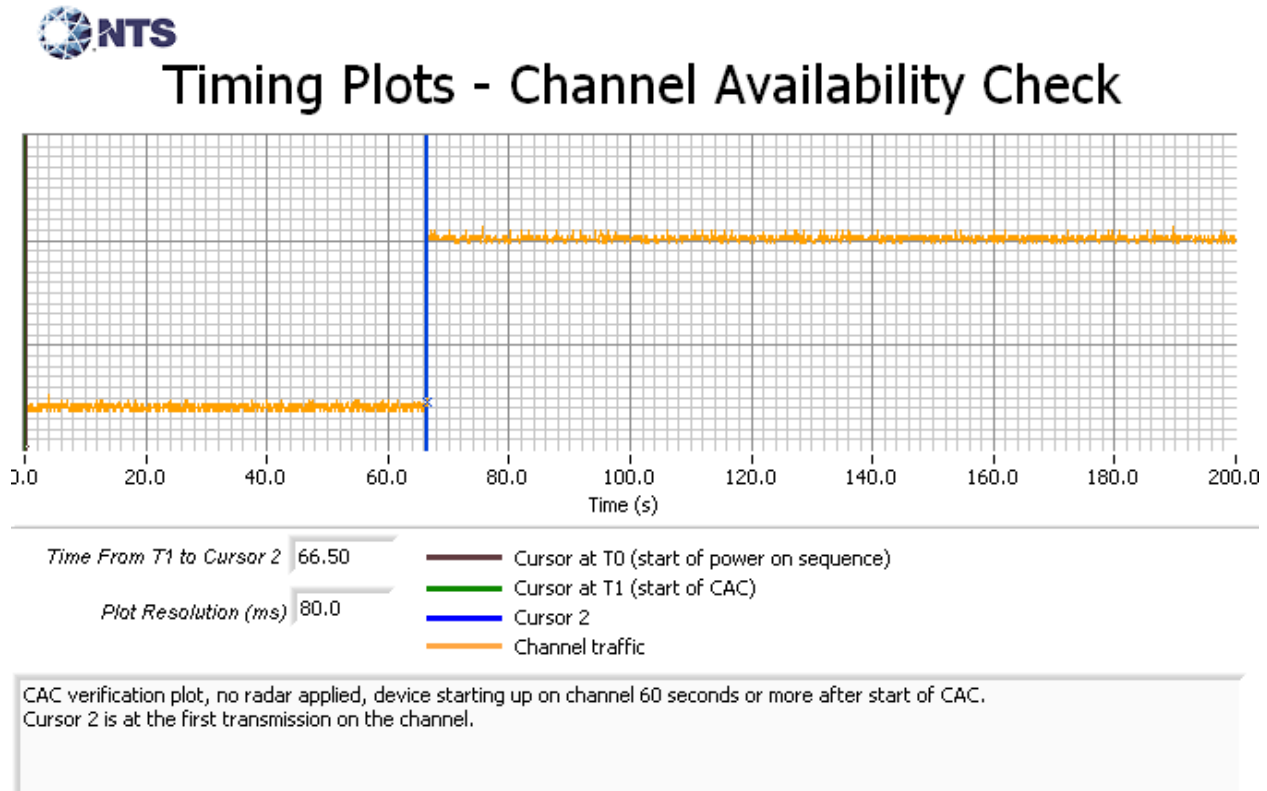


Figure 12 Plot of EUT Start-Up After CAC

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 132 (5660 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

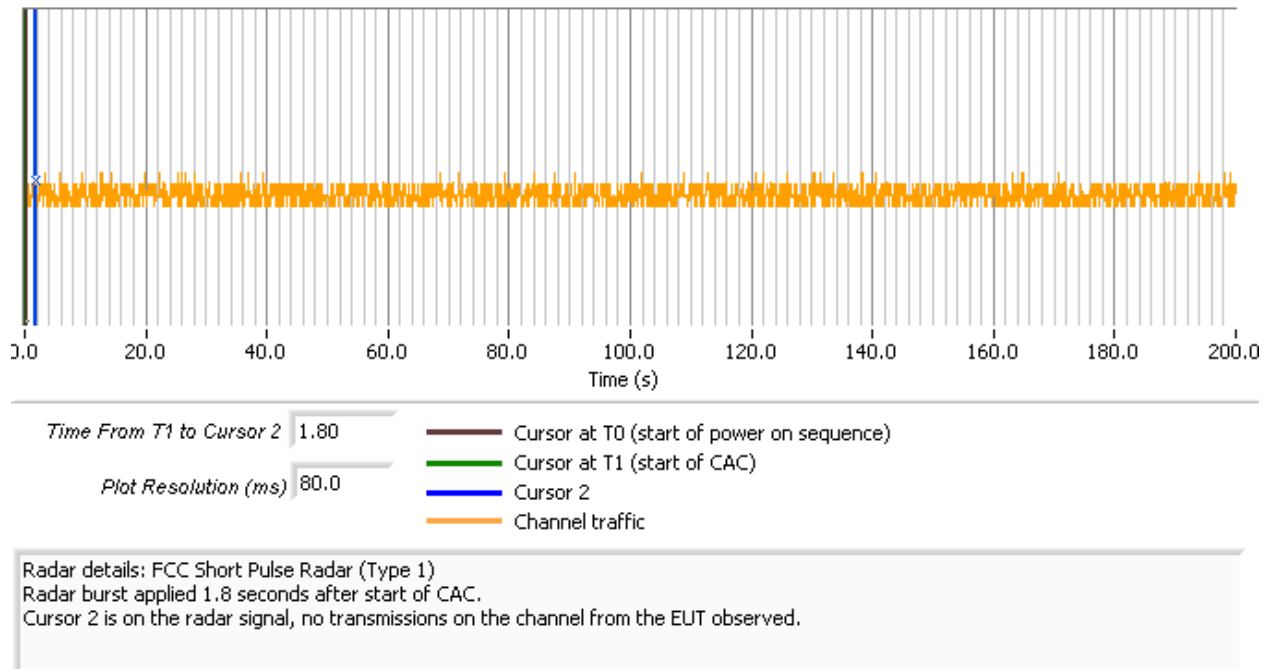


Figure 13 Radar Applied At Start of CAC



Timing Plots - Channel Availability Check

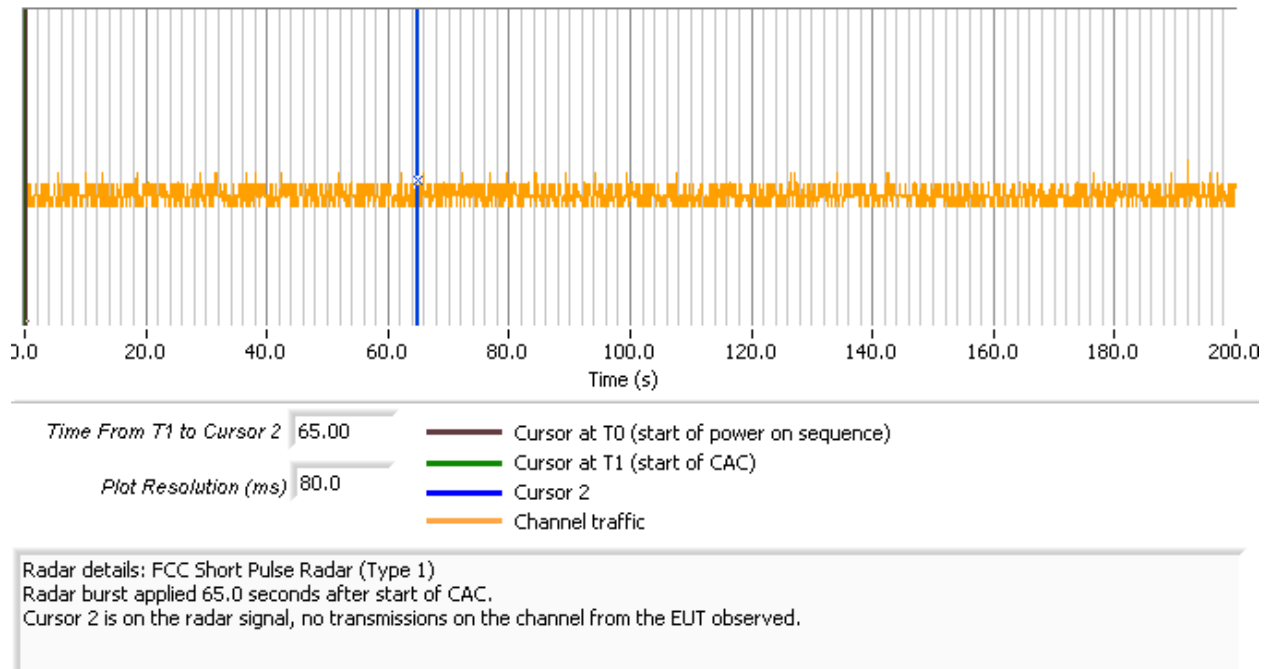


Figure 14 Radar Applied At End of CAC

Appendix E Antenna Specification

5 GHz Antennas:

The 5 GHz antennas shall meet the following specifications:

Parameters	Specification
Minimum average gain	1 dBi (single antenna gain)
Minimum peak gain	4 dBi (single antenna gain)
Maximum allowed ripple	±1.5 dBi (single antenna gain)
Directionality	Omni-directional
Elevation BW	< 40°
Downtilt (From Ceiling)	2.3°
Supported frequency bands	5150 – 5350 MHz (required) 5470 – 5875 MHz (required)
Polarization	Linear, vertical
Nominal impedance	50 ohms
Return Loss	> 10 dB
Connector	UFL
Cable length / Loss (dB)	<0.5 dB

Figure 8 BelAir20E 5 GHz Antenna Specifications

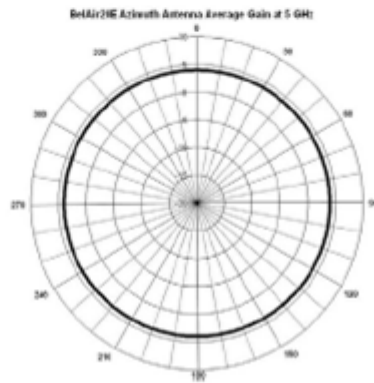


Figure 9 BelAir20E 5 GHz Antenna Plot

Appendix F Test Configuration Photograph(s)

