

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): KRC 161 393/2**

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REVISION HISTORY

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SCOPE

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

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.
- 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 KRC 161 393/2 and therefore apply only to the tested sample. The sample was selected and prepared by Andrew Scott of Ericsson WiFi Inc.

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested sample of the Ericsson WiFi Inc. model KRC 161 393/2 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 (HT20 MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5500	67.1	$\geq 60s$	Appendix D	Pass
CAC Detection Threshold	Type 1	5520	-64dBm	-64dBm (Note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5500	-63dBm (Note 2)	-64dBm (Note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	5500	± 9 MHz	80% of the 99% BW	Appendix B	Pass
Channel closing transmission time	Type 1 Type 5	5660 5500	5.72ms 0.0ms	$\leq 260ms$	Appendix C	Pass
Channel move time	Type 1 Type 5	5660 5500	0.89 s 0.0 s	$\leq 10s$	Appendix C	Pass
Non-occupancy period	-	5660	> 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 3.5 dBi. The limit is based on an eirp of more than 23 dBm.						

Table 2 FCC Part 15 Subpart E Master Device Test Result Summary (HT40)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5670	-63dBm (Note 2)	-64dBm (Note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	5670	± 20 MHz	80% of the 99% BW	Appendix B	Pass
Channel closing transmission time	Type 1 Type 5	5550 5510	2.28ms 0.0ms	$\leq 260ms$	Appendix C	Pass
Channel move time	Type 1 Type 5	5550 5510	0.47 s 0.0 s	$\leq 10s$	Appendix C	Pass
Non-occupancy period	Type 1	5550	> 30 Minutes	> 30 minutes	Appendix C	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 3.5 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 $\pm 0.24\%$
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 KRC 161 393/2 is a 2x2 802.11abgn wireless access point. The EUT will be installed within another enclosure but for purpose of testing, the EUT was treated as tabletop equipment during testing. The electrical rating of the EUT is 12-14 Volts, 8 Amps Max.

The sample was received on March 15, 2013 and tested on April 2-3, 2013. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Ericsson WiFi Inc.	KRC 161 393/2	Wireless Access Point	B2CG164AA-B

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)	3.5	3.5
Highest Antenna Gain (dBi)	3.5	3.5
EIRP Output Power (dBm)	> 23 dBm	> 23 dBm

- ☒ Power can exceed 200mW eirp

Channel Protocol

- ☒ IP Based

ENCLOSURE

The EUT measures approximately 30 by 10 by 4 centimeters. The unit does not have enclosure due to unit will be installed within another enclosure.

MODIFICATIONS

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

SUPPORT EQUIPMENT

The following equipment was used as support equipment for testing:

Manufacturer	Model	Description	Serial Number	FCC ID
ABSOPULSE	PWI 99-P2419	AC/DC Power Supply	B5571114	-
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)
Ethernet	Remote Laptop	Cat 5	Unshielded	15.0
J2	AC/DC	Four wire	Unshielded	0.3

EUT OPERATION

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

Master Device: AP 13.2.0.D.2013.03.15.10.06 (r42342)

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

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

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

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

RADAR WAVEFORMS

Table 3 FCC Short Pulse Radar Test Waveforms					
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses / burst	Minimum Detection Percentage	Minimum Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Table 4 FCC Long Pulse Radar Test Waveforms							
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses / burst	Number of Bursts	Minimum Detection Percentage	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 5 FCC Frequency Hopping Radar Test Waveforms							
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

DFS TEST METHODS**RADIATED TEST METHOD**

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

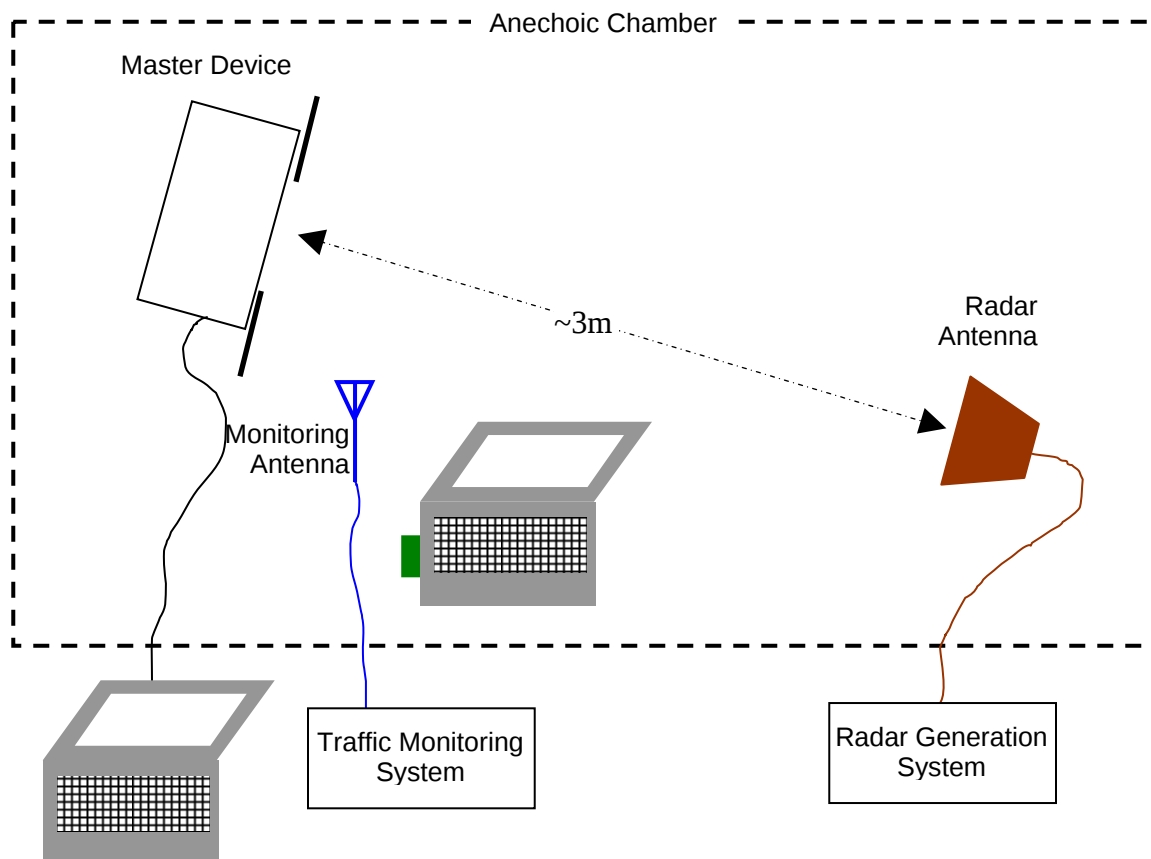


Figure 1 Test Configuration for radiated Measurement Method

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

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

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

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

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

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

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

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

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

CHANNEL MONITORING SYSTEM

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

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

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

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

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

DFS MEASUREMENT METHODS**DFS RADAR DETECTION BANDWIDTH**

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

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

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

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

DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

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

DFS CHANNEL AVAILABILITY CHECK TIME

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

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

UNIFORM LOADING

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

TRANSMIT POWER CONTROL (TPC)

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

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

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

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

THRESHOLD LEVEL

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

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

Appendix A Test Equipment Calibration Data

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

Appendix B Test Data Tables for Radar Detection Probability

Table 6 - HT20Detection Bandwidth Measurements (Bandwidth: +9MHz /-9MHz)					
EUT Frequency	Radar Type	Radar Frequency	Number Detected	Number Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	2	3	40
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	3	3	50

Table 7 - Summary of All Results - HT20				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	94.1 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	80.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	93.3 %	60.0 %	30	PASSED
Aggregate of above results	91.0 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	38	PASSED
Long Sequence	93.3 %	80.0 %	30	PASSED

Table 8 - FCC Short Pulse Radar (Type 1) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
3	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
4	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
5	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
6	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
9	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
13	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
14	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
15	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
16	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
17	18	1.0	1428.0	No	5495.0MHz, -64.0dBm	Single burst
18	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
19	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
20	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
21	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
22	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
23	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
24	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
25	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
26	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
27	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst
28	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst
29	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst
30	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 9 - FCC Short Pulse Radar (Type 2) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	27	1.8	158.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	26	3.1	170.0	Yes	5495.0MHz, -64.0dBm	Single burst
3	28	2.8	172.0	Yes	5505.0MHz, -64.0dBm	Single burst
4	26	1.4	220.0	No	5500.0MHz, -64.0dBm	Single burst
5	27	3.7	209.0	Yes	5495.0MHz, -64.0dBm	Single burst
6	28	3.6	168.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	24	3.1	172.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	24	2.6	157.0	No	5495.0MHz, -64.0dBm	Single burst
9	28	1.6	202.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	26	2.2	155.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	24	1.4	175.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	26	4.1	225.0	No	5505.0MHz, -64.0dBm	Single burst
13	27	2.9	202.0	Yes	5500.0MHz, -64.0dBm	Single burst
14	24	4.8	173.0	Yes	5495.0MHz, -64.0dBm	Single burst
15	28	3.5	195.0	No	5505.0MHz, -64.0dBm	Single burst

Table 9 - FCC Short Pulse Radar (Type 2) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
16	28	3.2	223.0	Yes	5500.0MHz, -64.0dBm	Single burst
17	27	3.8	221.0	No	5495.0MHz, -64.0dBm	Single burst
18	29	1.1	183.0	Yes	5505.0MHz, -64.0dBm	Single burst
19	28	3.1	190.0	Yes	5500.0MHz, -64.0dBm	Single burst
20	27	1.1	168.0	Yes	5495.0MHz, -64.0dBm	Single burst
21	26	3.6	161.0	Yes	5505.0MHz, -64.0dBm	Single burst
22	26	1.5	164.0	Yes	5500.0MHz, -64.0dBm	Single burst
23	27	5.0	207.0	Yes	5495.0MHz, -64.0dBm	Single burst
24	23	2.7	209.0	Yes	5505.0MHz, -64.0dBm	Single burst
25	24	4.1	154.0	Yes	5500.0MHz, -64.0dBm	Single burst
26	25	4.3	201.0	Yes	5495.0MHz, -64.0dBm	Single burst
27	26	1.8	209.0	No	5505.0MHz, -64.0dBm	Single burst
28	24	2.6	173.0	Yes	5500.0MHz, -64.0dBm	Single burst
29	24	3.6	183.0	Yes	5495.0MHz, -64.0dBm	Single burst
30	28	2.7	176.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 10 - FCC Short Pulse Radar (Type 3) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	6.5	442.0	Yes	5660.0MHz, -63.0dBm	Single burst
2	17	6.8	248.0	Yes	5655.0MHz, -63.0dBm	Single burst
3	17	9.9	313.0	Yes	5650.0MHz, -63.0dBm	Single burst
4	18	9.4	204.0	Yes	5670.0MHz, -63.0dBm	Single burst
5	17	9.2	496.0	Yes	5665.0MHz, -63.0dBm	Single burst
6	17	8.3	422.0	Yes	5660.0MHz, -63.0dBm	Single burst
7	18	8.2	395.0	Yes	5655.0MHz, -63.0dBm	Single burst
8	17	7.9	461.0	Yes	5650.0MHz, -63.0dBm	Single burst
9	16	8.2	307.0	Yes	5670.0MHz, -63.0dBm	Single burst
10	17	8.9	310.0	Yes	5665.0MHz, -63.0dBm	Single burst
11	16	9.5	500.0	Yes	5660.0MHz, -63.0dBm	Single burst
12	16	7.2	246.0	Yes	5655.0MHz, -63.0dBm	Single burst
13	17	9.8	273.0	Yes	5650.0MHz, -63.0dBm	Single burst
14	18	9.3	467.0	Yes	5670.0MHz, -63.0dBm	Single burst
15	18	9.3	481.0	Yes	5665.0MHz, -63.0dBm	Single burst
16	17	9.6	392.0	Yes	5660.0MHz, -63.0dBm	Single burst
17	17	8.2	495.0	Yes	5655.0MHz, -63.0dBm	Single burst
18	17	6.3	329.0	Yes	5650.0MHz, -63.0dBm	Single burst
19	17	6.8	340.0	Yes	5670.0MHz, -63.0dBm	Single burst
20	17	9.1	293.0	Yes	5665.0MHz, -63.0dBm	Single burst
21	16	9.7	378.0	Yes	5660.0MHz, -63.0dBm	Single burst
22	18	8.2	377.0	Yes	5655.0MHz, -63.0dBm	Single burst
23	16	8.0	442.0	Yes	5650.0MHz, -63.0dBm	Single burst
24	18	7.6	216.0	Yes	5670.0MHz, -63.0dBm	Single burst
25	17	8.8	453.0	No	5665.0MHz, -63.0dBm	Single burst
26	16	6.5	377.0	Yes	5660.0MHz, -63.0dBm	Single burst
27	18	9.8	403.0	Yes	5655.0MHz, -63.0dBm	Single burst
28	16	8.4	256.0	Yes	5650.0MHz, -63.0dBm	Single burst
29	18	7.3	497.0	Yes	5670.0MHz, -63.0dBm	Single burst
30	16	6.2	276.0	Yes	5665.0MHz, -63.0dBm	Single burst

Table 11 - FCC Short Pulse Radar (Type 4) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	14.5	448.0	Yes	5660.0MHz, -63.0dBm	Single burst
2	14	12.0	416.0	Yes	5655.0MHz, -63.0dBm	Single burst
3	15	15.2	328.0	Yes	5650.0MHz, -63.0dBm	Single burst
4	14	17.3	375.0	Yes	5670.0MHz, -63.0dBm	Single burst
5	15	18.5	397.0	Yes	5665.0MHz, -63.0dBm	Single burst
6	14	15.7	330.0	Yes	5660.0MHz, -63.0dBm	Single burst
7	15	19.7	367.0	Yes	5655.0MHz, -63.0dBm	Single burst
8	13	19.3	407.0	Yes	5650.0MHz, -63.0dBm	Single burst
9	16	16.3	421.0	Yes	5670.0MHz, -63.0dBm	Single burst
10	15	14.9	249.0	Yes	5665.0MHz, -63.0dBm	Single burst
11	15	19.2	299.0	Yes	5660.0MHz, -63.0dBm	Single burst
12	14	18.4	419.0	Yes	5655.0MHz, -63.0dBm	Single burst
13	15	13.4	498.0	Yes	5650.0MHz, -63.0dBm	Single burst
14	16	13.6	342.0	Yes	5670.0MHz, -63.0dBm	Single burst
15	15	11.1	332.0	No	5665.0MHz, -63.0dBm	Single burst
16	15	13.0	483.0	Yes	5660.0MHz, -63.0dBm	Single burst
17	13	14.2	243.0	Yes	5655.0MHz, -63.0dBm	Single burst
18	13	13.9	493.0	Yes	5650.0MHz, -63.0dBm	Single burst
19	14	14.2	461.0	No	5670.0MHz, -63.0dBm	Single burst
20	15	15.3	395.0	Yes	5665.0MHz, -63.0dBm	Single burst
21	14	13.3	417.0	Yes	5660.0MHz, -63.0dBm	Single burst
22	13	12.0	357.0	Yes	5655.0MHz, -63.0dBm	Single burst
23	16	15.0	213.0	Yes	5650.0MHz, -63.0dBm	Single burst
24	15	15.3	350.0	Yes	5670.0MHz, -63.0dBm	Single burst
25	13	17.4	211.0	Yes	5665.0MHz, -63.0dBm	Single burst
26	14	16.5	245.0	Yes	5660.0MHz, -63.0dBm	Single burst
27	14	16.2	456.0	Yes	5655.0MHz, -63.0dBm	Single burst
28	12	18.9	218.0	Yes	5650.0MHz, -63.0dBm	Single burst
29	13	11.3	438.0	Yes	5670.0MHz, -63.0dBm	Single burst
30	15	18.0	223.0	Yes	5665.0MHz, -63.0dBm	Single burst

Table 12 - FCC frequency hopping radar (Type 6) Results HT20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5668.0MHz, -63.0dBm	Hop sequence: 5601, 5707, 5527, 5566, 5456, 5272, 5453, 5329, 5625, 5283, 5400, 5686, 5296, 5394, 5270, 5666, 5440, 5472, 5378, 5321, 5269, 5570, 5290, 5689, 5342, 5721, 5268, 5638, 5607, 5512, 5428, 5351, 5723, 5617, 5526, 5594, 5557, 5561, 5278, 5537, 5317, 5646, 5647, 5306, 5389, 5289, 5693, 5360, 5410, 5467, 5515, 5490, 5433, 5463, 5418, 5551, 5356, 5676, 5408, 5656, 5614, 5584, 5397, 5548, 5434, 5344, 5529, 5583, 5578, 5667, 5478, 5476, 5441, 5361, 5424, 5540, 5596, 5564, 5327, 5305, 5695, 5492, 5588, 5623, 5484, 5715, 5273, 5455, 5602, 5395, 5724, 5256, 5439, 5534, 5694, 5572, 5334, 5643, 5436, 5552 (3 hits)
2	9	1.0	333.0	Yes	5669.0MHz, -63.0dBm	Hop sequence: 5261, 5354, 5347, 5437, 5594, 5673, 5598, 5687, 5507, 5311, 5642, 5297, 5712, 5479, 5321, 5469, 5576, 5697, 5519, 5608, 5364, 5539, 5405, 5562, 5664, 5531, 5700, 5369, 5295, 5431, 5552, 5569, 5360, 5684, 5659, 5292, 5578, 5677, 5504, 5454, 5328, 5395, 5259, 5280, 5524, 5299, 5378, 5568, 5662, 5387, 5641, 5456, 5515, 5619, 5407, 5625, 5483, 5710, 5277, 5418, 5550, 5438, 5331, 5681, 5382, 5540, 5607, 5312, 5371, 5495, 5314, 5566, 5635, 5417, 5318, 5529, 5475, 5448, 5633, 5652, 5542, 5672, 5301, 5726, 5258, 5639, 5497, 5433, 5503, 5533, 5480, 5650, 5614, 5399, 5516, 5344, 5708, 5443, 5432, 5586 (4 hits)
3	9	1.0	333.0	Yes	5651.0MHz, -63.0dBm	Hop sequence: 5685, 5394, 5519, 5373, 5497, 5503, 5295, 5572, 5721, 5257, 5622, 5381, 5270, 5314, 5429, 5408, 5451, 5630, 5269, 5560, 5703, 5427, 5290, 5547, 5613, 5652, 5347, 5595, 5513, 5655, 5305, 5366, 5470, 5322, 5606, 5500, 5431, 5462, 5389, 5707, 5402, 5250, 5352, 5331, 5550, 5556, 5621, 5395, 5640, 5252, 5665, 5576, 5666, 5709, 5332, 5423, 5616, 5669,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5335, 5559, 5646, 5276, 5699, 5350, 5465, 5267, 5318, 5475, 5388, 5307, 5579, 5563, 5608, 5657, 5700, 5505, 5635, 5617, 5649, 5596, 5672, 5558, 5724, 5448, 5677, 5624, 5517, 5317, 5380, 5708, 5610, 5717, 5570, 5594, 5516, 5353, 5411, 5434, 5325, 5306 (6 hits)
4	9	1.0	333.0	Yes	5652.0MHz, -63.0dBm	Hop sequence: 5386, 5271, 5552, 5679, 5568, 5310, 5585, 5373, 5670, 5447, 5388, 5601, 5524, 5637, 5610, 5370, 5351, 5572, 5366, 5699, 5362, 5629, 5308, 5405, 5390, 5625, 5451, 5254, 5553, 5627, 5434, 5291, 5325, 5483, 5309, 5630, 5652, 5514, 5476, 5584, 5350, 5470, 5333, 5660, 5420, 5446, 5272, 5273, 5474, 5287, 5523, 5458, 5469, 5422, 5262, 5329, 5509, 5256, 5508, 5312, 5299, 5472, 5522, 5292, 5502, 5646, 5288, 5672, 5419, 5563, 5499, 5456, 5440, 5516, 5348, 5431, 5634, 5520, 5327, 5616, 5323, 5437, 5688, 5683, 5258, 5326, 5560, 5371, 5612, 5429, 5720, 5623, 5385, 5394, 5255, 5622, 5642, 5566, 5414, 5571 (2 hits)
5	9	1.0	333.0	Yes	5653.0MHz, -63.0dBm	Hop sequence: 5656, 5575, 5584, 5543, 5375, 5694, 5716, 5478, 5469, 5299, 5344, 5323, 5546, 5664, 5516, 5660, 5258, 5615, 5518, 5496, 5707, 5260, 5536, 5703, 5511, 5687, 5315, 5582, 5702, 5380, 5571, 5540, 5711, 5619, 5689, 5392, 5355, 5251, 5532, 5493, 5679, 5706, 5452, 5442, 5641, 5399, 5424, 5347, 5267, 5588, 5426, 5471, 5304, 5701, 5295, 5593, 5514, 5430, 5573, 5415, 5631, 5272, 5524, 5568, 5427, 5365, 5502, 5436, 5643, 5282, 5662, 5550, 5454, 5635, 5255, 5661, 5712, 5626, 5376, 5601, 5449, 5585, 5458, 5269, 5636, 5645, 5501, 5264, 5289, 5268, 5476, 5435, 5719, 5325, 5726, 5698, 5446, 5618, 5353, 5396 (5 hits)
6	9	1.0	333.0	Yes	5654.0MHz, -63.0dBm	Hop sequence: 5255, 5371, 5345, 5393, 5340, 5621, 5266, 5411, 5271, 5298, 5283, 5370, 5408, 5725, 5344, 5699, 5380, 5532,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5426, 5259, 5479, 5687, 5631, 5342, 5313, 5268, 5489, 5716, 5401, 5304, 5285, 5566, 5323, 5508, 5368, 5671, 5288, 5622, 5534, 5697, 5433, 5550, 5686, 5649, 5418, 5333, 5315, 5458, 5322, 5291, 5265, 5494, 5379, 5607, 5398, 5275, 5552, 5349, 5528, 5519, 5495, 5646, 5561, 5514, 5543, 5536, 5478, 5628, 5529, 5611, 5623, 5353, 5632, 5638, 5559, 5343, 5399, 5715, 5311, 5573, 5497, 5722, 5281, 5254, 5652, 5412, 5691, 5562, 5558, 5442, 5273, 5296, 5282, 5604, 5387, 5429, 5620, 5560, 5615, 5415 (1 hits)
7	9	1.0	333.0	Yes	5655.0MHz, -63.0dBm	Hop sequence: 5703, 5573, 5702, 5414, 5636, 5515, 5621, 5547, 5479, 5502, 5450, 5321, 5441, 5347, 5717, 5544, 5567, 5501, 5442, 5691, 5273, 5577, 5565, 5616, 5576, 5267, 5639, 5439, 5598, 5493, 5313, 5558, 5301, 5714, 5695, 5676, 5552, 5286, 5641, 5302, 5705, 5606, 5553, 5662, 5438, 5276, 5391, 5481, 5320, 5454, 5332, 5281, 5663, 5485, 5440, 5675, 5566, 5668, 5389, 5692, 5388, 5288, 5500, 5681, 5520, 5563, 5360, 5336, 5518, 5678, 5316, 5466, 5539, 5334, 5374, 5579, 5472, 5721, 5554, 5512, 5323, 5509, 5608, 5428, 5617, 5407, 5530, 5365, 5475, 5666, 5534, 5660, 5303, 5437, 5723, 5421, 5685, 5405, 5619, 5294 (5 hits)
8	9	1.0	333.0	Yes	5656.0MHz, -63.0dBm	Hop sequence: 5377, 5367, 5593, 5581, 5453, 5264, 5260, 5362, 5671, 5544, 5269, 5492, 5594, 5337, 5526, 5558, 5357, 5397, 5629, 5586, 5415, 5351, 5292, 5610, 5302, 5704, 5511, 5519, 5583, 5451, 5280, 5719, 5368, 5660, 5662, 5556, 5688, 5315, 5575, 5449, 5402, 5615, 5612, 5279, 5585, 5307, 5474, 5310, 5456, 5274, 5644, 5617, 5321, 5713, 5648, 5632, 5257, 5356, 5472, 5339, 5445, 5270, 5447, 5651, 5490, 5476, 5366, 5622, 5340, 5417, 5375, 5694, 5369, 5294, 5516, 5359, 5363, 5584, 5406, 5503, 5723, 5537, 5431,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5478, 5326, 5684, 5674, 5329, 5698, 5425, 5452, 5382, 5663, 5364, 5461, 5552, 5262, 5486, 5484, 5261 (4 hits)
9	9	1.0	333.0	Yes	5657.0MHz, -63.0dBm	Hop sequence: 5669, 5642, 5629, 5542, 5630, 5463, 5402, 5373, 5700, 5368, 5255, 5586, 5327, 5267, 5321, 5566, 5278, 5352, 5503, 5698, 5372, 5308, 5348, 5514, 5723, 5268, 5326, 5626, 5672, 5299, 5265, 5644, 5309, 5681, 5517, 5589, 5284, 5292, 5562, 5444, 5454, 5511, 5553, 5295, 5343, 5656, 5322, 5383, 5421, 5710, 5618, 5310, 5367, 5260, 5607, 5606, 5369, 5659, 5276, 5613, 5702, 5470, 5679, 5657, 5349, 5415, 5654, 5359, 5453, 5528, 5685, 5298, 5621, 5666, 5539, 5594, 5554, 5449, 5570, 5615, 5452, 5691, 5395, 5301, 5645, 5497, 5532, 5583, 5591, 5561, 5582, 5678, 5709, 5447, 5624, 5550, 5688, 5432, 5346, 5374 (6 hits)
10	9	1.0	333.0	Yes	5658.0MHz, -63.0dBm	Hop sequence: 5288, 5474, 5600, 5337, 5273, 5488, 5492, 5644, 5435, 5650, 5615, 5626, 5675, 5403, 5670, 5512, 5689, 5654, 5390, 5295, 5315, 5491, 5478, 5383, 5379, 5591, 5476, 5623, 5348, 5283, 5472, 5720, 5275, 5664, 5459, 5301, 5411, 5578, 5485, 5630, 5372, 5576, 5461, 5679, 5328, 5575, 5611, 5285, 5367, 5701, 5279, 5653, 5610, 5345, 5413, 5433, 5511, 5563, 5514, 5643, 5498, 5292, 5632, 5291, 5538, 5723, 5296, 5552, 5353, 5504, 5597, 5374, 5407, 5469, 5352, 5612, 5355, 5559, 5441, 5590, 5674, 5542, 5493, 5602, 5494, 5451, 5618, 5289, 5607, 5302, 5531, 5509, 5580, 5425, 5276, 5698, 5555, 5280, 5515, 5466 (3 hits)
11	9	1.0	333.0	Yes	5659.0MHz, -63.0dBm	Hop sequence: 5302, 5452, 5567, 5673, 5464, 5322, 5266, 5548, 5600, 5318, 5411, 5649, 5389, 5400, 5343, 5339, 5713, 5449, 5378, 5561, 5437, 5558, 5467, 5287, 5635, 5705, 5708, 5436, 5476, 5377, 5711, 5636, 5303, 5715, 5335, 5666, 5494, 5700, 5574, 5696, 5263, 5342, 5500,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5498, 5337, 5444, 5605, 5668, 5545, 5606, 5694, 5680, 5385, 5375, 5447, 5724, 5721, 5534, 5257, 5330, 5297, 5597, 5651, 5572, 5718, 5693, 5403, 5626, 5363, 5258, 5416, 5499, 5661, 5517, 5333, 5332, 5286, 5496, 5695, 5388, 5701, 5371, 5702, 5707, 5391, 5265, 5570, 5399, 5582, 5340, 5706, 5497, 5542, 5559, 5380, 5670, 5601, 5507, 5393, 5382 (4 hits)
12	9	1.0	333.0	Yes	5660.0MHz, -63.0dBm	Hop sequence: 5296, 5648, 5667, 5601, 5574, 5375, 5643, 5399, 5691, 5640, 5652, 5545, 5549, 5689, 5281, 5543, 5312, 5356, 5470, 5481, 5570, 5641, 5424, 5379, 5441, 5492, 5647, 5697, 5676, 5566, 5701, 5581, 5472, 5724, 5310, 5702, 5662, 5659, 5630, 5694, 5389, 5595, 5611, 5365, 5627, 5513, 5516, 5459, 5361, 5573, 5273, 5589, 5544, 5329, 5499, 5301, 5554, 5475, 5254, 5678, 5484, 5401, 5517, 5552, 5434, 5693, 5471, 5418, 5378, 5560, 5682, 5371, 5711, 5521, 5501, 5613, 5438, 5505, 5403, 5712, 5411, 5277, 5261, 5433, 5359, 5490, 5555, 5324, 5435, 5564, 5695, 5538, 5542, 5328, 5671, 5283, 5580, 5287, 5696, 5317 (4 hits)
13	9	1.0	333.0	Yes	5661.0MHz, -63.0dBm	Hop sequence: 5511, 5470, 5272, 5409, 5302, 5572, 5650, 5685, 5674, 5487, 5589, 5363, 5401, 5593, 5351, 5689, 5519, 5471, 5559, 5445, 5663, 5587, 5654, 5553, 5322, 5618, 5630, 5675, 5504, 5492, 5560, 5640, 5551, 5501, 5619, 5700, 5635, 5385, 5350, 5403, 5472, 5290, 5457, 5265, 5711, 5579, 5684, 5541, 5539, 5676, 5690, 5262, 5662, 5578, 5479, 5723, 5598, 5583, 5474, 5261, 5433, 5459, 5566, 5720, 5446, 5584, 5425, 5707, 5668, 5427, 5524, 5505, 5441, 5483, 5582, 5623, 5398, 5461, 5282, 5414, 5550, 5304, 5323, 5413, 5629, 5348, 5258, 5682, 5496, 5698, 5710, 5542, 5639, 5454, 5557, 5278, 5269, 5669, 5354, 5518 (5 hits)
14	9	1.0	333.0	Yes	5662.0MHz,	Hop sequence: 5333, 5567, 5342,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5277, 5629, 5653, 5725, 5496, 5409, 5600, 5627, 5439, 5294, 5348, 5266, 5644, 5332, 5391, 5723, 5505, 5642, 5676, 5417, 5580, 5638, 5344, 5449, 5327, 5722, 5719, 5587, 5698, 5381, 5525, 5639, 5480, 5572, 5704, 5320, 5515, 5718, 5420, 5483, 5259, 5615, 5350, 5444, 5650, 5296, 5346, 5504, 5390, 5319, 5619, 5591, 5521, 5655, 5477, 5297, 5281, 5558, 5526, 5407, 5506, 5287, 5376, 5485, 5295, 5427, 5325, 5646, 5500, 5623, 5300, 5501, 5588, 5324, 5517, 5590, 5466, 5363, 5599, 5337, 5702, 5663, 5603, 5550, 5369, 5475, 5598, 5546, 5601, 5331, 5720, 5622, 5559, 5293, 5451, 5665, 5265 (4 hits)
15	9	1.0	333.0	Yes	5663.0MHz, -63.0dBm	Hop sequence: 5485, 5325, 5717, 5534, 5648, 5707, 5585, 5260, 5623, 5527, 5417, 5305, 5254, 5635, 5495, 5359, 5379, 5553, 5649, 5481, 5475, 5416, 5683, 5536, 5348, 5271, 5630, 5498, 5525, 5283, 5341, 5544, 5330, 5268, 5518, 5355, 5691, 5285, 5406, 5403, 5528, 5461, 5626, 5714, 5415, 5277, 5392, 5558, 5414, 5312, 5449, 5398, 5384, 5545, 5413, 5628, 5386, 5710, 5513, 5264, 5522, 5265, 5632, 5523, 5658, 5524, 5357, 5468, 5425, 5422, 5531, 5662, 5462, 5625, 5511, 5700, 5287, 5627, 5657, 5328, 5688, 5607, 5693, 5704, 5429, 5617, 5716, 5586, 5720, 5565, 5488, 5354, 5533, 5262, 5596, 5674, 5318, 5497, 5430, 5353 (3 hits)
16	9	1.0	333.0	Yes	5664.0MHz, -63.0dBm	Hop sequence: 5568, 5461, 5257, 5467, 5570, 5724, 5493, 5545, 5618, 5434, 5315, 5262, 5384, 5654, 5696, 5348, 5538, 5609, 5414, 5489, 5264, 5336, 5660, 5457, 5497, 5352, 5269, 5407, 5429, 5426, 5519, 5339, 5711, 5561, 5370, 5418, 5487, 5340, 5598, 5657, 5483, 5479, 5344, 5542, 5308, 5281, 5432, 5305, 5298, 5401, 5650, 5259, 5343, 5575, 5523, 5569, 5323, 5288, 5291, 5500, 5567, 5662, 5420, 5332, 5430, 5258, 5373, 5725,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5616, 5587, 5629, 5284, 5658, 5377, 5422, 5325, 5528, 5608, 5550, 5331, 5714, 5365, 5712, 5445, 5645, 5438, 5300, 5513, 5424, 5577, 5504, 5546, 5320, 5364, 5435, 5318, 5287, 5378, 5444, 5307 (5 hits)
17	9	1.0	333.0	Yes	5665.0MHz, -63.0dBm	Hop sequence: 5386, 5521, 5603, 5723, 5712, 5517, 5713, 5542, 5681, 5367, 5300, 5591, 5692, 5425, 5490, 5340, 5505, 5467, 5257, 5342, 5633, 5275, 5295, 5619, 5491, 5699, 5417, 5347, 5382, 5453, 5587, 5650, 5418, 5440, 5277, 5609, 5271, 5523, 5575, 5445, 5527, 5588, 5363, 5260, 5305, 5373, 5497, 5518, 5420, 5407, 5686, 5351, 5258, 5459, 5350, 5555, 5414, 5370, 5658, 5525, 5717, 5294, 5278, 5701, 5520, 5628, 5416, 5391, 5329, 5652, 5536, 5581, 5695, 5450, 5466, 5296, 5482, 5288, 5560, 5268, 5480, 5673, 5339, 5597, 5438, 5389, 5250, 5598, 5567, 5507, 5693, 5301, 5513, 5410, 5388, 5569, 5395, 5704, 5519, 5314 (2 hits)
18	9	1.0	333.0	Yes	5666.0MHz, -63.0dBm	Hop sequence: 5445, 5569, 5296, 5658, 5324, 5635, 5672, 5446, 5277, 5697, 5362, 5548, 5302, 5359, 5498, 5503, 5375, 5664, 5323, 5464, 5544, 5280, 5596, 5465, 5630, 5611, 5670, 5719, 5447, 5485, 5529, 5313, 5374, 5265, 5554, 5639, 5261, 5490, 5269, 5479, 5275, 5501, 5284, 5438, 5525, 5617, 5327, 5694, 5424, 5307, 5584, 5336, 5322, 5637, 5641, 5444, 5339, 5316, 5590, 5609, 5340, 5426, 5662, 5458, 5710, 5496, 5653, 5621, 5652, 5688, 5667, 5365, 5524, 5394, 5647, 5295, 5577, 5272, 5474, 5422, 5713, 5409, 5570, 5300, 5516, 5350, 5432, 5328, 5563, 5285, 5358, 5715, 5712, 5405, 5526, 5505, 5480, 5448, 5509, 5419 (6 hits)
19	9	1.0	333.0	Yes	5667.0MHz, -63.0dBm	Hop sequence: 5512, 5609, 5371, 5487, 5546, 5640, 5363, 5408, 5578, 5612, 5682, 5345, 5362, 5535, 5662, 5605, 5457, 5482, 5356, 5543, 5622, 5683, 5626, 5417, 5455, 5624, 5697, 5515,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5483, 5341, 5541, 5433, 5373, 5459, 5470, 5322, 5476, 5485, 5717, 5265, 5510, 5665, 5558, 5419, 5484, 5553, 5262, 5398, 5384, 5490, 5544, 5713, 5283, 5554, 5710, 5321, 5486, 5290, 5467, 5693, 5711, 5415, 5251, 5724, 5257, 5447, 5364, 5395, 5296, 5431, 5708, 5689, 5376, 5618, 5410, 5602, 5294, 5270, 5643, 5424, 5390, 5441, 5505, 5688, 5357, 5670, 5596, 5493, 5566, 5333, 5723, 5309, 5446, 5381, 5548, 5530, 5298, 5430, 5297, 5379 (2 hits)
20	9	1.0	333.0	Yes	5668.0MHz, -63.0dBm	Hop sequence: 5531, 5523, 5686, 5608, 5623, 5653, 5392, 5605, 5558, 5710, 5288, 5455, 5565, 5259, 5569, 5281, 5612, 5318, 5721, 5493, 5292, 5437, 5299, 5380, 5348, 5469, 5251, 5614, 5474, 5386, 5365, 5434, 5698, 5665, 5593, 5617, 5595, 5539, 5333, 5687, 5581, 5508, 5277, 5596, 5398, 5362, 5443, 5304, 5703, 5585, 5576, 5295, 5454, 5314, 5369, 5320, 5723, 5330, 5699, 5504, 5342, 5445, 5543, 5641, 5286, 5415, 5444, 5266, 5678, 5422, 5654, 5498, 5613, 5456, 5655, 5335, 5604, 5664, 5537, 5479, 5317, 5429, 5413, 5321, 5500, 5495, 5419, 5334, 5682, 5553, 5649, 5325, 5432, 5307, 5294, 5477, 5471, 5587, 5562, 5658 (6 hits)
21	9	1.0	333.0	Yes	5669.0MHz, -63.0dBm	Hop sequence: 5532, 5308, 5509, 5505, 5352, 5473, 5620, 5627, 5507, 5517, 5419, 5547, 5681, 5472, 5271, 5703, 5295, 5322, 5666, 5287, 5475, 5331, 5724, 5688, 5321, 5523, 5639, 5697, 5455, 5695, 5542, 5529, 5282, 5408, 5345, 5307, 5608, 5454, 5499, 5648, 5370, 5368, 5581, 5366, 5324, 5367, 5323, 5649, 5279, 5289, 5360, 5405, 5550, 5616, 5459, 5447, 5559, 5536, 5579, 5674, 5483, 5265, 5658, 5721, 5711, 5686, 5371, 5394, 5315, 5522, 5717, 5260, 5706, 5533, 5647, 5543, 5555, 5450, 5272, 5441, 5578, 5503, 5328, 5718, 5680, 5439, 5592, 5696, 5675, 5404, 5300, 5671, 5385,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5601, 5469, 5310, 5689, 5267, 5339, 5530 (2 hits)
22	9	1.0	333.0	Yes	5651.0MHz, -63.0dBm	Hop sequence: 5454, 5336, 5332, 5500, 5308, 5569, 5507, 5674, 5694, 5545, 5291, 5431, 5403, 5695, 5654, 5685, 5271, 5415, 5515, 5652, 5588, 5552, 5498, 5688, 5690, 5615, 5262, 5328, 5388, 5297, 5464, 5306, 5393, 5430, 5665, 5295, 5268, 5666, 5401, 5270, 5394, 5250, 5602, 5414, 5410, 5391, 5546, 5445, 5478, 5614, 5720, 5473, 5576, 5252, 5526, 5397, 5541, 5446, 5706, 5620, 5285, 5428, 5373, 5570, 5276, 5687, 5294, 5617, 5452, 5320, 5648, 5418, 5550, 5480, 5310, 5672, 5275, 5635, 5644, 5338, 5368, 5280, 5301, 5469, 5316, 5321, 5637, 5352, 5379, 5440, 5705, 5389, 5416, 5479, 5642, 5359, 5584, 5596, 5348, 5347 (4 hits)
23	9	1.0	333.0	Yes	5652.0MHz, -63.0dBm	Hop sequence: 5719, 5589, 5713, 5313, 5266, 5566, 5573, 5548, 5673, 5504, 5488, 5277, 5417, 5481, 5519, 5344, 5540, 5353, 5492, 5256, 5290, 5555, 5538, 5262, 5383, 5684, 5512, 5644, 5252, 5657, 5338, 5473, 5362, 5725, 5438, 5664, 5483, 5685, 5716, 5272, 5650, 5372, 5450, 5607, 5285, 5507, 5474, 5527, 5700, 5676, 5537, 5461, 5629, 5440, 5549, 5464, 5672, 5342, 5293, 5265, 5453, 5531, 5635, 5520, 5539, 5268, 5331, 5660, 5626, 5437, 5605, 5296, 5480, 5534, 5280, 5472, 5612, 5493, 5335, 5705, 5444, 5501, 5496, 5722, 5608, 5588, 5295, 5661, 5613, 5377, 5359, 5558, 5363, 5546, 5312, 5567, 5509, 5436, 5385, 5418 (4 hits)
24	9	1.0	333.0	Yes	5653.0MHz, -63.0dBm	Hop sequence: 5616, 5511, 5518, 5611, 5551, 5676, 5446, 5508, 5358, 5610, 5516, 5311, 5681, 5431, 5630, 5399, 5699, 5700, 5510, 5348, 5407, 5537, 5370, 5275, 5603, 5574, 5342, 5596, 5320, 5435, 5343, 5579, 5356, 5291, 5500, 5696, 5416, 5641, 5308, 5719, 5538, 5654, 5314, 5502, 5259, 5366, 5294, 5718, 5653, 5401, 5390, 5352, 5652,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5384, 5357, 5411, 5283, 5687, 5688, 5481, 5703, 5466, 5553, 5324, 5472, 5447, 5671, 5405, 5674, 5420, 5691, 5430, 5618, 5302, 5317, 5364, 5319, 5460, 5318, 5438, 5383, 5272, 5473, 5725, 5393, 5522, 5638, 5505, 5336, 5712, 5559, 5525, 5465, 5651, 5621, 5458, 5593, 5527, 5714, 5524 (4 hits)
25	9	1.0	333.0	Yes	5654.0MHz, -63.0dBm	Hop sequence: 5392, 5360, 5358, 5315, 5259, 5533, 5658, 5712, 5268, 5380, 5369, 5316, 5457, 5287, 5506, 5500, 5505, 5276, 5583, 5721, 5537, 5643, 5612, 5372, 5269, 5667, 5657, 5437, 5263, 5673, 5354, 5601, 5520, 5423, 5318, 5290, 5488, 5426, 5650, 5337, 5458, 5475, 5671, 5464, 5655, 5644, 5389, 5714, 5467, 5528, 5566, 5416, 5604, 5672, 5593, 5645, 5487, 5365, 5419, 5362, 5438, 5397, 5627, 5476, 5288, 5502, 5477, 5346, 5430, 5599, 5431, 5701, 5527, 5296, 5433, 5265, 5722, 5603, 5570, 5470, 5413, 5449, 5687, 5489, 5496, 5429, 5497, 5408, 5289, 5384, 5280, 5261, 5491, 5638, 5414, 5580, 5661, 5572, 5382, 5699 (5 hits)
26	9	1.0	333.0	Yes	5655.0MHz, -63.0dBm	Hop sequence: 5579, 5380, 5414, 5497, 5589, 5530, 5709, 5384, 5708, 5572, 5430, 5562, 5647, 5458, 5331, 5706, 5553, 5551, 5257, 5363, 5252, 5362, 5415, 5401, 5397, 5450, 5600, 5707, 5546, 5341, 5464, 5554, 5465, 5319, 5721, 5673, 5447, 5293, 5496, 5295, 5590, 5445, 5339, 5367, 5486, 5320, 5266, 5602, 5429, 5684, 5633, 5569, 5372, 5369, 5431, 5396, 5423, 5272, 5663, 5403, 5692, 5327, 5525, 5577, 5725, 5471, 5436, 5599, 5676, 5307, 5250, 5469, 5299, 5481, 5627, 5446, 5422, 5510, 5561, 5350, 5449, 5527, 5685, 5251, 5612, 5277, 5334, 5305, 5516, 5379, 5468, 5354, 5621, 5645, 5328, 5421, 5630, 5278, 5703, 5491 (1 hits)
27	9	1.0	333.0	Yes	5656.0MHz, -63.0dBm	Hop sequence: 5345, 5554, 5346, 5525, 5323, 5412, 5481, 5713, 5518, 5319, 5315, 5532, 5550,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5262, 5644, 5293, 5420, 5378, 5485, 5340, 5597, 5577, 5678, 5259, 5332, 5327, 5357, 5708, 5309, 5375, 5670, 5556, 5450, 5454, 5472, 5418, 5267, 5405, 5408, 5284, 5702, 5281, 5326, 5538, 5508, 5691, 5633, 5493, 5560, 5424, 5505, 5300, 5630, 5490, 5504, 5586, 5269, 5511, 5567, 5476, 5257, 5444, 5539, 5397, 5689, 5474, 5659, 5531, 5626, 5399, 5406, 5581, 5623, 5645, 5715, 5266, 5498, 5527, 5704, 5718, 5572, 5404, 5503, 5389, 5372, 5400, 5362, 5622, 5606, 5494, 5612, 5522, 5706, 5592, 5692, 5355, 5324, 5641, 5520, 5387 (1 hits)
28	9	1.0	333.0	Yes	5657.0MHz, -63.0dBm	Hop sequence: 5359, 5617, 5296, 5658, 5392, 5485, 5265, 5632, 5628, 5369, 5422, 5691, 5320, 5506, 5473, 5309, 5299, 5464, 5476, 5577, 5693, 5582, 5701, 5585, 5356, 5348, 5602, 5393, 5361, 5262, 5435, 5488, 5339, 5386, 5673, 5319, 5273, 5569, 5624, 5410, 5387, 5451, 5521, 5345, 5548, 5493, 5657, 5424, 5469, 5479, 5592, 5651, 5257, 5382, 5287, 5254, 5408, 5284, 5391, 5352, 5583, 5431, 5513, 5555, 5712, 5385, 5560, 5264, 5471, 5415, 5275, 5323, 5380, 5381, 5494, 5282, 5437, 5487, 5279, 5434, 5498, 5334, 5456, 5336, 5261, 5443, 5721, 5427, 5343, 5280, 5378, 5629, 5522, 5535, 5297, 5426, 5618, 5306, 5326, 5497 (3 hits)
29	9	1.0	333.0	Yes	5658.0MHz, -63.0dBm	Hop sequence: 5639, 5468, 5716, 5628, 5289, 5371, 5672, 5308, 5343, 5440, 5584, 5666, 5587, 5441, 5345, 5336, 5655, 5562, 5571, 5667, 5332, 5662, 5334, 5274, 5417, 5517, 5593, 5573, 5578, 5680, 5298, 5369, 5594, 5466, 5636, 5623, 5557, 5698, 5346, 5366, 5582, 5646, 5293, 5337, 5559, 5635, 5319, 5577, 5604, 5285, 5340, 5330, 5333, 5502, 5491, 5692, 5560, 5363, 5389, 5518, 5555, 5283, 5608, 5297, 5475, 5618, 5498, 5367, 5448, 5579, 5368, 5351, 5395, 5442, 5505, 5292, 5627, 5553,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5619, 5687, 5668, 5262, 5659, 5305, 5421, 5288, 5437, 5586, 5707, 5443, 5276, 5472, 5402, 5296, 5693, 5724, 5674, 5420, 5458, 5600 (6 hits)
30	9	1.0	333.0	Yes	5659.0MHz, -63.0dBm	Hop sequence: 5354, 5272, 5461, 5639, 5534, 5391, 5588, 5490, 5652, 5572, 5657, 5540, 5653, 5545, 5284, 5625, 5432, 5274, 5561, 5472, 5649, 5707, 5378, 5330, 5439, 5554, 5452, 5413, 5421, 5267, 5683, 5361, 5257, 5684, 5527, 5447, 5473, 5582, 5350, 5512, 5253, 5513, 5632, 5677, 5360, 5623, 5675, 5507, 5435, 5615, 5453, 5706, 5336, 5596, 5484, 5443, 5532, 5405, 5420, 5605, 5425, 5631, 5449, 5570, 5372, 5718, 5347, 5356, 5279, 5329, 5642, 5516, 5634, 5602, 5578, 5488, 5283, 5333, 5579, 5547, 5338, 5594, 5392, 5348, 5302, 5646, 5656, 5375, 5451, 5692, 5592, 5536, 5337, 5455, 5556, 5487, 5424, 5384, 5519, 5345 (4 hits)
31	9	1.0	333.0	Yes	5660.0MHz, -63.0dBm	Hop sequence: 5710, 5442, 5576, 5603, 5263, 5594, 5641, 5664, 5676, 5694, 5388, 5628, 5467, 5348, 5369, 5579, 5606, 5535, 5697, 5310, 5253, 5470, 5720, 5670, 5591, 5688, 5601, 5687, 5332, 5373, 5684, 5472, 5279, 5307, 5665, 5400, 5623, 5474, 5511, 5293, 5319, 5368, 5503, 5569, 5577, 5427, 5255, 5584, 5285, 5266, 5481, 5573, 5421, 5371, 5582, 5561, 5519, 5713, 5455, 5689, 5489, 5604, 5414, 5636, 5385, 5513, 5559, 5695, 5566, 5352, 5299, 5315, 5539, 5717, 5433, 5574, 5612, 5643, 5517, 5534, 5533, 5515, 5633, 5301, 5342, 5282, 5464, 5541, 5564, 5425, 5492, 5398, 5497, 5673, 5372, 5563, 5644, 5692, 5312, 5531 (2 hits)
32	9	1.0	333.0	Yes	5661.0MHz, -63.0dBm	Hop sequence: 5660, 5356, 5389, 5478, 5717, 5418, 5589, 5608, 5410, 5563, 5691, 5673, 5508, 5342, 5475, 5442, 5605, 5406, 5378, 5339, 5472, 5567, 5414, 5646, 5558, 5582, 5272, 5479, 5360, 5704, 5607, 5282, 5424, 5621, 5394, 5644, 5265, 5612,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5316, 5541, 5654, 5495, 5354, 5693, 5423, 5257, 5602, 5317, 5405, 5456, 5536, 5322, 5661, 5547, 5700, 5526, 5361, 5436, 5571, 5392, 5267, 5518, 5384, 5565, 5569, 5647, 5549, 5583, 5514, 5417, 5658, 5629, 5676, 5484, 5433, 5685, 5448, 5399, 5438, 5400, 5635, 5532, 5591, 5599, 5593, 5696, 5485, 5648, 5713, 5371, 5719, 5636, 5501, 5299, 5669, 5301, 5619, 5670, 5521, 5559 (5 hits)
33	9	1.0	333.0	Yes	5662.0MHz, -63.0dBm	Hop sequence: 5569, 5670, 5694, 5682, 5316, 5405, 5263, 5477, 5312, 5691, 5324, 5293, 5260, 5703, 5327, 5412, 5414, 5531, 5584, 5328, 5483, 5581, 5262, 5566, 5546, 5264, 5407, 5377, 5451, 5498, 5643, 5565, 5611, 5538, 5637, 5518, 5528, 5390, 5489, 5676, 5619, 5507, 5362, 5317, 5291, 5385, 5553, 5699, 5675, 5571, 5620, 5481, 5695, 5418, 5259, 5441, 5580, 5671, 5657, 5436, 5336, 5509, 5255, 5290, 5495, 5713, 5485, 5562, 5560, 5395, 5502, 5461, 5370, 5346, 5665, 5597, 5700, 5423, 5465, 5613, 5576, 5456, 5358, 5575, 5705, 5440, 5585, 5444, 5419, 5587, 5683, 5642, 5408, 5651, 5710, 5512, 5551, 5383, 5625, 5460 (3 hits)
34	9	1.0	333.0	Yes	5663.0MHz, -63.0dBm	Hop sequence: 5255, 5650, 5266, 5475, 5660, 5440, 5393, 5298, 5670, 5428, 5427, 5293, 5574, 5281, 5335, 5366, 5502, 5481, 5579, 5455, 5349, 5519, 5657, 5547, 5578, 5381, 5398, 5271, 5646, 5619, 5396, 5621, 5408, 5564, 5350, 5484, 5687, 5634, 5506, 5435, 5680, 5479, 5260, 5453, 5319, 5478, 5367, 5290, 5528, 5280, 5537, 5322, 5286, 5430, 5348, 5273, 5448, 5317, 5357, 5504, 5270, 5447, 5656, 5509, 5581, 5391, 5556, 5337, 5510, 5410, 5653, 5261, 5678, 5328, 5595, 5421, 5522, 5252, 5533, 5516, 5577, 5323, 5379, 5500, 5256, 5643, 5566, 5291, 5324, 5332, 5550, 5346, 5582, 5503, 5682, 5609, 5315, 5283, 5489, 5674 (4 hits)

Table 12 - FCC frequency hopping radar (Type 6) Results HT20

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
35	9	1.0	333.0	Yes	5664.0MHz, -63.0dBm	Hop sequence: 5368, 5255, 5652, 5274, 5260, 5277, 5332, 5311, 5698, 5533, 5375, 5543, 5715, 5630, 5712, 5555, 5665, 5411, 5724, 5272, 5720, 5442, 5502, 5363, 5473, 5634, 5423, 5266, 5544, 5455, 5498, 5637, 5482, 5471, 5689, 5636, 5529, 5365, 5601, 5380, 5554, 5585, 5282, 5673, 5293, 5275, 5424, 5394, 5532, 5719, 5297, 5383, 5353, 5700, 5567, 5705, 5335, 5489, 5721, 5327, 5691, 5569, 5312, 5448, 5670, 5551, 5702, 5426, 5308, 5356, 5592, 5608, 5626, 5373, 5361, 5470, 5497, 5441, 5435, 5338, 5574, 5307, 5395, 5342, 5428, 5456, 5514, 5337, 5725, 5598, 5516, 5714, 5718, 5711, 5385, 5559, 5287, 5494, 5273, 5430 (2 hits)
36	9	1.0	333.0	Yes	5665.0MHz, -63.0dBm	Hop sequence: 5644, 5668, 5327, 5701, 5406, 5505, 5415, 5596, 5408, 5673, 5323, 5677, 5428, 5577, 5255, 5494, 5726, 5267, 5715, 5392, 5709, 5294, 5485, 5358, 5694, 5422, 5423, 5637, 5401, 5400, 5434, 5528, 5492, 5567, 5526, 5450, 5449, 5521, 5459, 5333, 5554, 5409, 5325, 5619, 5309, 5281, 5498, 5488, 5542, 5529, 5382, 5563, 5298, 5502, 5582, 5656, 5579, 5330, 5562, 5307, 5615, 5299, 5665, 5547, 5463, 5546, 5354, 5684, 5696, 5632, 5469, 5720, 5282, 5716, 5568, 5572, 5574, 5447, 5407, 5364, 5641, 5303, 5402, 5560, 5480, 5468, 5353, 5519, 5566, 5476, 5448, 5283, 5569, 5345, 5680, 5404, 5679, 5532, 5524, 5634 (3 hits)
37	9	1.0	333.0	Yes	5666.0MHz, -63.0dBm	Hop sequence: 5372, 5453, 5445, 5615, 5260, 5342, 5677, 5395, 5706, 5446, 5317, 5438, 5315, 5564, 5529, 5556, 5666, 5683, 5573, 5483, 5680, 5279, 5710, 5651, 5650, 5273, 5335, 5518, 5701, 5698, 5443, 5496, 5494, 5584, 5362, 5481, 5515, 5503, 5559, 5484, 5527, 5375, 5620, 5635, 5401, 5425, 5426, 5459, 5480, 5291, 5451, 5524, 5644, 5311, 5499, 5656, 5640, 5519, 5392, 5424, 5665, 5600, 5355,

Table 12 - FCC frequency hopping radar (Type 6) Results HT20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5322, 5685, 5302, 5618, 5726, 5367, 5304, 5634, 5384, 5528, 5679, 5655, 5601, 5313, 5336, 5664, 5505, 5587, 5402, 5405, 5575, 5488, 5547, 5296, 5648, 5588, 5627, 5378, 5604, 5534, 5369, 5501, 5500, 5332, 5621, 5541, 5257 (6 hits)
38	9	1.0	333.0	Yes	5667.0MHz, -63.0dBm	Hop sequence: 5309, 5469, 5684, 5386, 5589, 5656, 5582, 5685, 5331, 5705, 5537, 5384, 5516, 5503, 5613, 5561, 5724, 5581, 5519, 5522, 5420, 5542, 5492, 5712, 5625, 5554, 5585, 5371, 5529, 5422, 5478, 5579, 5280, 5410, 5443, 5392, 5651, 5426, 5256, 5703, 5342, 5496, 5480, 5520, 5662, 5269, 5530, 5495, 5652, 5558, 5540, 5330, 5382, 5306, 5482, 5723, 5462, 5452, 5344, 5372, 5715, 5576, 5421, 5455, 5708, 5615, 5270, 5308, 5547, 5402, 5671, 5714, 5528, 5612, 5544, 5346, 5461, 5507, 5638, 5663, 5318, 5415, 5600, 5413, 5531, 5549, 5526, 5282, 5707, 5521, 5254, 5303, 5362, 5674, 5271, 5578, 5695, 5300, 5387, 5599 (5 hits)

Table 13 - Long Sequence Waveform Summary HT20

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5660.0MHz, -63.0dBm
Trial #2	Detected	5655.0MHz, -63.0dBm
Trial #3	NOT Detected	5650.0MHz, -63.0dBm
Trial #4	Detected	5670.0MHz, -63.0dBm
Trial #5	Detected	5665.0MHz, -63.0dBm
Trial #6	Detected	5660.0MHz, -63.0dBm
Trial #7	Detected	5655.0MHz, -63.0dBm
Trial #8	NOT Detected	5650.0MHz, -63.0dBm
Trial #9	Detected	5670.0MHz, -63.0dBm
Trial #10	Detected	5665.0MHz, -63.0dBm
Trial #11	Detected	5660.0MHz, -63.0dBm
Trial #12	Detected	5655.0MHz, -63.0dBm
Trial #13	Detected	5665.0MHz, -63.0dBm
Trial #14	Detected	5660.0MHz, -63.0dBm
Trial #15	Detected	5655.0MHz, -63.0dBm
Trial #16	Detected	5665.0MHz, -63.0dBm
Trial #17	Detected	5660.0MHz, -63.0dBm
Trial #18	Detected	5655.0MHz, -63.0dBm
Trial #19	Detected	5665.0MHz, -63.0dBm
Trial #20	Detected	5660.0MHz, -63.0dBm
Trial #21	Detected	5655.0MHz, -63.0dBm
Trial #22	Detected	5665.0MHz, -63.0dBm
Trial #23	Detected	5660.0MHz, -63.0dBm
Trial #24	Detected	5655.0MHz, -63.0dBm
Trial #25	Detected	5665.0MHz, -63.0dBm
Trial #26	Detected	5660.0MHz, -63.0dBm
Trial #27	Detected	5655.0MHz, -63.0dBm
Trial #28	Detected	5665.0MHz, -63.0dBm
Trial #29	Detected	5660.0MHz, -63.0dBm
Trial #30	Detected	5655.0MHz, -63.0dBm

Table 14 - HT20 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	71.3	17	1159.0	1730.0	0.110843
2	2	96.1	20	1007.0	-	1.352416
3	2	50.3	19	1110.0	-	2.174378
4	3	97.0	11	1323.0	1217.0	3.357096
5	1	63.5	17	-	-	4.186891
6	2	93.6	11	1246.0	-	4.989051
7	2	88.6	6	1468.0	-	5.777255
8	1	55.4	7	-	-	6.201124
9	1	58.6	19	-	-	6.959624
10	3	55.2	15	1182.0	1064.0	8.514432
11	2	98.2	6	1362.0	-	9.121078
12	2	51.8	13	1026.0	-	9.545097
13	1	59.0	13	-	-	11.062864
14	2	99.1	11	1612.0	-	11.154537

Table 15 - HT20 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	95.5	11	1596.0	-	0.122207
2	2	71.4	16	1096.0	-	1.116720
3	1	67.3	18	-	-	1.913984
4	2	91.9	20	1522.0	-	2.737962
5	1	89.2	8	-	-	3.069186
6	3	99.1	8	1758.0	1242.0	4.035974
7	1	50.7	19	-	-	4.293907
8	2	56.8	18	1087.0	-	5.166117
9	1	76.8	10	-	-	6.048388
10	2	66.0	16	1733.0	-	6.769819
11	2	64.6	16	1450.0	-	7.566881
12	1	97.2	11	-	-	7.906684
13	2	92.9	13	1708.0	-	8.863315
14	1	86.3	17	-	-	9.629063
15	2	64.6	6	1182.0	-	9.954762
16	3	57.7	7	1663.0	1706.0	11.198618
17	3	85.3	19	1811.0	1005.0	11.430567

Table 16 - HT20 Long Sequence Waveform Trial#3 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	69.2	14	1023.0	1999.0	0.787676
2	3	76.6	13	1662.0	1236.0	0.941947
3	2	85.0	6	1975.0	-	2.691420
4	3	91.3	9	1132.0	1060.0	3.385776
5	2	51.5	7	1550.0	-	4.351313
6	2	75.0	13	1831.0	-	5.514288
7	3	66.1	16	1910.0	1279.0	6.233646
8	1	75.9	14	-	-	6.475698
9	1	53.0	12	-	-	8.124567
10	3	75.1	7	1915.0	1322.0	8.315063
11	1	59.3	6	-	-	9.538954
12	2	72.0	10	1497.0	-	10.934483
13	1	59.2	19	-	-	11.946198

Table 17 - HT20 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	3	90.9	15	1527.0	1303.0	0.408582
2	2	87.0	11	1975.0	-	1.880681
3	2	93.0	20	1574.0	-	2.644950
4	2	89.4	7	1911.0	-	3.319130
5	3	58.2	12	1254.0	1332.0	4.816104
6	1	54.2	11	-	-	5.420628
7	3	98.5	8	1443.0	1937.0	6.836708
8	2	98.2	7	1430.0	-	7.600511
9	2	81.8	20	1141.0	-	8.585835
10	2	70.7	5	1331.0	-	9.138055
11	2	84.0	16	1500.0	-	10.144639
12	1	85.6	7	-	-	11.766074

Table 18 - HT20 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	80.2	17	1144.0	-	0.313156
2	2	71.6	7	1153.0	-	1.732999
3	1	73.2	18	-	-	2.272663
4	2	54.3	17	1361.0	-	3.522647
5	2	92.5	18	1430.0	-	4.096252
6	2	70.7	11	1452.0	-	5.935053
7	1	98.8	16	-	-	6.648956
8	1	82.1	18	-	-	7.870633
9	2	56.6	15	1564.0	-	8.501478
10	1	79.8	18	-	-	9.226339
11	1	85.4	20	-	-	10.179697
12	2	73.2	14	1584.0	-	11.443375

Table 19 - HT20 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	1	74.7	6	-	-	0.536011
2	1	95.1	10	-	-	0.950810
3	2	84.7	13	1186.0	-	1.533697
4	2	51.5	10	1463.0	-	2.536092
5	1	95.5	18	-	-	2.956189
6	3	89.6	11	1005.0	1087.0	3.794753
7	2	75.8	12	1181.0	-	4.280260
8	3	60.9	7	1785.0	1007.0	5.006683
9	3	94.2	7	1104.0	1089.0	5.989975
10	2	60.1	9	1765.0	-	6.540789
11	1	76.4	16	-	-	6.770276
12	1	68.4	11	-	-	7.703851
13	1	74.9	6	-	-	8.609820
14	1	64.5	12	-	-	9.000368
15	2	57.2	15	1061.0	-	9.993204
16	3	85.7	18	1829.0	1758.0	10.239845
17	2	62.3	15	1121.0	-	11.283961
18	1	51.0	9	-	-	11.724556

Table 20 - HT20 Long Sequence Waveform Trial#7 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	80.2	16	1870.0	1788.0	0.363879
2	3	98.3	5	1618.0	1514.0	1.505055
3	2	77.6	15	1248.0	-	2.946673
4	3	72.9	18	1996.0	1168.0	4.567630
5	2	75.1	16	1183.0	-	5.566566
6	2	55.2	7	1018.0	-	7.880671
7	1	72.1	18	-	-	8.165444
8	2	89.3	10	1510.0	-	10.177918
9	2	57.1	9	1274.0	-	11.215744

Table 21 - HT20 Long Sequence Waveform Trial#8 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.2	10	1343.0	1342.0	0.109633
2	2	55.4	5	1514.0	-	1.131123
3	2	84.3	5	1185.0	-	1.553429
4	2	83.0	17	1060.0	-	2.604158
5	1	69.1	12	-	-	3.148143
6	1	67.3	12	-	-	3.338673
7	1	58.0	16	-	-	4.561360
8	3	72.0	7	1647.0	1854.0	4.843844
9	1	55.6	10	-	-	5.576090
10	2	74.7	16	1049.0	-	6.345978
11	1	80.8	19	-	-	7.002726
12	1	55.2	11	-	-	7.973550
13	3	86.5	10	1305.0	1728.0	8.375602
14	3	84.0	19	1650.0	1697.0	9.199631
15	2	80.2	8	1338.0	-	9.987057
16	3	55.2	8	1165.0	1191.0	10.188781
17	1	68.1	16	-	-	10.872928
18	1	88.7	12	-	-	11.843454

Table 22 - HT20 Long Sequence Waveform Trial#9 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	92.6	5	-	-	0.359790
2	2	66.9	7	1393.0	-	0.853493
3	3	71.2	14	1455.0	1386.0	1.872764
4	2	79.9	7	1181.0	-	2.010838
5	1	51.5	10	-	-	2.813841
6	2	89.5	16	1845.0	-	3.205961
7	1	96.3	19	-	-	4.136784
8	3	68.8	10	1277.0	1873.0	4.747361
9	3	90.4	16	1641.0	1026.0	5.185137
10	2	76.6	17	1786.0	-	6.126141
11	2	56.7	17	1149.0	-	6.841352
12	2	79.5	19	1228.0	-	7.175449
13	1	81.1	9	-	-	8.062366
14	3	99.6	10	1263.0	1409.0	8.792472
15	2	75.1	15	1156.0	-	9.236296
16	2	60.1	12	1699.0	-	9.974405
17	2	66.0	15	1720.0	-	10.680538
18	2	51.4	13	1541.0	-	11.278701
19	2	78.0	8	1233.0	-	11.404071

Table 23 - HT20 Long Sequence Waveform Trial#10 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.2	19	1234.0	-	0.336508
2	2	69.4	11	1615.0	-	0.648514
3	2	65.4	18	1477.0	-	1.362388
4	2	65.9	10	1573.0	-	2.349690
5	1	69.1	16	-	-	2.591426
6	1	76.5	17	-	-	3.393450
7	2	61.4	20	1084.0	-	4.123625
8	1	54.1	8	-	-	4.641787
9	2	58.4	11	1436.0	-	5.199156
10	1	84.9	9	-	-	5.880784
11	2	50.3	9	1612.0	-	6.422729
12	1	66.2	13	-	-	6.952180
13	2	84.7	10	1196.0	-	8.103018
14	2	67.4	16	1545.0	-	8.550969
15	1	60.6	16	-	-	8.998086
16	2	65.6	7	1435.0	-	9.934720
17	1	66.1	12	-	-	10.414836
18	2	93.8	11	1455.0	-	11.304130
19	3	89.9	14	1896.0	1337.0	11.378910

Table 24 - HT20 Long Sequence Waveform Trial#11 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	71.8	9	-	-	0.792101
2	2	62.4	15	1518.0	-	0.999817
3	3	95.2	17	1260.0	1995.0	1.993927
4	2	53.1	19	1430.0	-	2.973374
5	2	81.9	8	1230.0	-	3.678861
6	2	74.1	8	1725.0	-	4.699394
7	2	51.8	15	1489.0	-	5.547823
8	3	60.8	15	1219.0	1641.0	6.003563
9	1	61.1	18	-	-	7.197620
10	1	62.3	10	-	-	7.654931
11	2	63.7	13	1180.0	-	8.563981
12	3	63.0	9	1322.0	1761.0	9.298018
13	1	88.8	7	-	-	10.173498
14	1	88.3	13	-	-	10.994890
15	2	60.2	9	1915.0	-	11.903417

Table 25 - HT20 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	3	52.7	6	1252.0	1745.0	0.440943
2	2	90.4	20	1983.0	-	1.144056
3	1	69.1	9	-	-	1.672417
4	2	50.6	15	2000.0	-	2.346272
5	2	86.8	6	1663.0	-	3.017236
6	2	50.7	18	1320.0	-	3.641913
7	3	82.0	6	1948.0	1688.0	4.712533
8	2	85.0	14	1721.0	-	5.541251
9	1	90.1	9	-	-	6.129885
10	1	96.6	19	-	-	6.366937
11	1	70.3	18	-	-	7.526473
12	2	62.7	13	1647.0	-	8.165493
13	3	76.0	17	1067.0	1435.0	8.926907
14	2	59.3	14	1774.0	-	9.868525
15	3	64.7	13	1183.0	1889.0	10.182248
16	2	55.9	20	1148.0	-	11.025397
17	1	98.9	5	-	-	11.954793

Table 26 - HT20 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	53.2	11	1084.0	-	1.183892
2	2	82.7	12	1339.0	-	2.135016
3	1	88.8	19	-	-	3.203674
4	1	58.5	7	-	-	4.039308
5	2	78.1	15	1060.0	-	5.464594
6	1	96.9	9	-	-	6.450648
7	2	68.0	18	1202.0	-	7.738350
8	2	79.5	13	1012.0	-	8.524076
9	1	83.7	14	-	-	9.728402
10	2	65.9	19	1708.0	-	11.667150

Table 27 - HT20 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	90.3	7	-	-	0.193351
2	2	64.6	8	1407.0	-	1.120604
3	2	91.0	14	1134.0	-	2.070182
4	2	82.3	11	1812.0	-	2.182130
5	2	81.9	18	1914.0	-	3.265343
6	2	77.6	11	1822.0	-	3.569365
7	2	66.8	16	1566.0	-	4.607578
8	2	92.9	20	1536.0	-	4.980368
9	3	85.9	15	1129.0	1436.0	6.015100
10	2	78.7	19	1461.0	-	6.529857
11	3	65.3	19	1482.0	1344.0	7.109053
12	2	56.3	16	1678.0	-	8.080412
13	1	64.4	16	-	-	9.032964
14	2	90.1	17	1639.0	-	9.447145
15	2	72.5	19	1272.0	-	10.213708
16	2	67.7	15	1887.0	-	10.798062
17	1	69.8	6	-	-	11.715444

Table 28 - HT20 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	3	82.4	13	1139.0	1713.0	0.422948
2	3	58.7	10	1886.0	1759.0	1.258099
3	2	82.4	9	1361.0	-	2.815285
4	3	68.8	5	1401.0	1713.0	3.321017
5	1	99.4	8	-	-	4.744072
6	2	74.7	15	1859.0	-	6.495895
7	2	61.0	8	1162.0	-	7.317044
8	2	67.0	12	1584.0	-	7.842864
9	1	80.4	14	-	-	8.745483
10	2	76.7	14	1299.0	-	9.879304
11	3	65.1	11	1337.0	1061.0	11.082047

Table 29 - HT20 Long Sequence Waveform Trial#16 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.6	17	1970.0	-	0.967506
2	2	66.1	18	1937.0	-	1.344566
3	1	81.8	15	-	-	2.826811
4	2	96.3	20	1108.0	-	3.418304
5	3	68.4	7	1868.0	1343.0	5.149111
6	2	99.1	6	1824.0	-	6.347542
7	2	53.7	18	1100.0	-	6.892405
8	2	62.4	16	1389.0	-	8.224538
9	2	62.3	13	1364.0	-	9.035942
10	2	56.2	14	1370.0	-	10.173859
11	1	61.8	14	-	-	11.520611

Table 30 - HT20 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	3	83.3	9	1654.0	1975.0	0.744868
2	2	58.5	12	1809.0	-	2.555464
3	2	59.1	17	1173.0	-	4.300487
4	2	79.1	15	1546.0	-	5.311450
5	1	77.5	17	-	-	6.160107
6	2	70.4	19	1780.0	-	8.995776
7	2	68.4	7	1832.0	-	9.302334
8	3	61.6	14	1026.0	1814.0	11.649618

Table 31 - HT20 Long Sequence Waveform Trial#18 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	59.7	9	1279.0	-	0.594807
2	3	64.9	17	1867.0	1753.0	2.377600
3	2	50.4	15	1988.0	-	2.698863
4	3	83.8	7	1880.0	1728.0	4.142246
5	2	58.2	12	1340.0	-	5.609298
6	2	91.9	13	1149.0	-	6.157615
7	2	96.8	6	1888.0	-	7.520609
8	1	72.1	7	-	-	8.518558
9	3	70.4	19	1708.0	1845.0	9.717097
10	3	96.4	6	1531.0	1354.0	11.562231

Table 32 - HT20 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	1	95.3	19	-	-	1.167514
2	2	61.9	15	1378.0	-	1.538872
3	3	80.0	12	1418.0	1668.0	2.866390
4	1	52.4	19	-	-	4.336774
5	3	91.2	19	1904.0	1571.0	5.849391
6	3	87.3	11	1710.0	1393.0	6.294144
7	3	95.2	10	1869.0	1863.0	8.166981
8	1	76.2	9	-	-	8.610691
9	1	57.1	14	-	-	10.141164
10	3	69.5	5	1437.0	1002.0	11.260378

Table 33 - HT20 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	2	65.0	12	1802.0	-	0.546312
2	3	67.7	7	1009.0	1860.0	1.821334
3	3	93.6	5	1017.0	1781.0	2.008487
4	2	97.9	6	1587.0	-	2.987156
5	1	69.3	6	-	-	3.786243
6	3	59.3	10	1398.0	1610.0	4.925292
7	2	93.2	7	1189.0	-	5.775085
8	2	73.5	12	1662.0	-	6.613804
9	1	76.6	17	-	-	8.128075
10	2	96.8	7	1199.0	-	8.678619
11	2	70.4	17	1576.0	-	9.608649
12	2	61.5	17	1583.0	-	10.658486
13	2	55.2	15	1499.0	-	11.232502

Table 34 - HT20 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	75.0	14	1300.0	1860.0	1.185576
2	2	59.4	9	1012.0	-	1.866387
3	2	71.0	14	1504.0	-	3.168103
4	1	72.1	7	-	-	3.922339
5	1	57.7	13	-	-	4.857696
6	2	54.2	7	1695.0	-	6.778828
7	2	53.0	15	1111.0	-	7.361124
8	1	94.2	12	-	-	9.125220
9	2	86.6	13	1326.0	-	9.666029
10	2	62.2	10	1214.0	-	11.376679

Table 35 - HT20 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	51.3	16	1197.0	1356.0	0.061686
2	1	88.9	13	-	-	1.510549
3	1	96.0	9	-	-	3.602559
4	2	90.5	17	1307.0	-	4.852479
5	3	85.2	7	1518.0	1215.0	7.412535
6	1	51.6	6	-	-	8.606380
7	2	63.8	15	1568.0	-	9.694914
8	2	55.6	11	1913.0	-	10.603170

Table 36 - HT20 Long Sequence Waveform Trial#23 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.5	13	1348.0	-	0.329289
2	2	65.3	7	1275.0	-	0.766807
3	2	65.2	19	1866.0	-	1.704868
4	2	85.4	13	1732.0	-	2.881544
5	2	81.4	12	1942.0	-	3.544745
6	2	79.7	8	1609.0	-	3.961846
7	3	60.4	17	1364.0	1859.0	4.870464
8	3	69.5	7	1162.0	1523.0	5.983987
9	3	74.2	8	1454.0	1638.0	6.233070
10	2	58.9	8	1756.0	-	7.117026
11	3	74.9	7	1643.0	1528.0	8.183418
12	3	58.0	14	1863.0	1393.0	8.262292
13	1	69.8	7	-	-	9.166788
14	1	63.5	11	-	-	10.347121
15	2	51.3	18	1221.0	-	10.646961
16	2	54.0	7	1777.0	-	11.990007

Table 37 - HT20 Long Sequence Waveform Trial#24 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.7	5	1755.0	1165.0	0.226871
2	1	90.4	18	-	-	1.423672
3	1	71.7	15	-	-	2.829472
4	1	98.1	6	-	-	4.422247
5	3	61.4	12	1182.0	1896.0	4.843709
6	2	99.7	18	1217.0	-	6.197939
7	2	87.2	9	1394.0	-	7.546594
8	1	55.0	12	-	-	9.219192
9	2	76.4	17	1014.0	-	10.529752
10	2	71.0	6	1072.0	-	11.226811

Table 38 - HT20 Long Sequence Waveform Trial#25 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.7	15	1018.0	-	0.004956
2	1	71.0	5	-	-	2.385261
3	3	55.2	18	1713.0	1546.0	3.230630
4	2	92.5	8	1359.0	-	4.516969
5	2	50.9	7	1903.0	-	5.580091
6	3	68.8	18	1179.0	1973.0	7.012893
7	2	71.5	9	1138.0	-	8.300651
8	1	76.8	12	-	-	9.620604
9	2	60.9	14	1409.0	-	11.817025

Table 39 - HT20 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	82.3	6	1558.0	-	0.101475
2	2	50.4	8	1519.0	-	1.085471
3	2	68.9	8	1378.0	-	2.037232
4	1	85.3	6	-	-	3.089083
5	1	74.6	14	-	-	3.444862
6	3	90.7	5	1736.0	1012.0	4.286449
7	2	59.7	8	1419.0	-	5.758237
8	2	63.5	8	1041.0	-	6.138379
9	2	86.4	13	1903.0	-	7.472288
10	3	83.4	11	1502.0	1573.0	8.220572
11	3	56.2	11	1055.0	1697.0	9.051396
12	2	70.4	10	1431.0	-	9.507760
13	3	61.1	10	1119.0	1834.0	11.062591
14	1	99.4	9	-	-	11.408708

Table 40 - HT20 Long Sequence Waveform Trial#27 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.6	17	1698.0	-	0.412852
2	2	82.2	6	1406.0	-	1.291966
3	2	97.5	15	1490.0	-	1.599017
4	1	54.4	7	-	-	2.286904
5	1	76.3	11	-	-	2.852184
6	2	51.4	16	1344.0	-	3.708789
7	1	92.4	14	-	-	4.379450
8	2	93.2	9	1251.0	-	4.980227
9	2	58.4	17	1236.0	-	5.771578
10	2	79.9	7	1576.0	-	6.858119
11	2	58.3	16	1752.0	-	7.687930
12	2	65.0	8	1659.0	-	8.070156
13	2	79.5	9	1668.0	-	9.064715
14	3	71.9	7	1375.0	1854.0	9.837345
15	3	51.1	17	1068.0	1116.0	9.891741
16	3	54.2	14	1795.0	1570.0	10.881534
17	3	90.2	5	1145.0	1100.0	11.779138

Table 41 - HT20 Long Sequence Waveform Trial#28 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	61.7	15	-	-	0.043250
2	3	74.6	14	1919.0	1452.0	1.119022
3	1	69.8	16	-	-	2.122296
4	3	93.4	9	1864.0	1035.0	2.516545
5	2	97.7	18	1621.0	-	3.338543
6	1	58.7	10	-	-	3.764734
7	1	87.3	12	-	-	4.626366
8	2	57.0	19	1704.0	-	5.255064
9	3	53.5	14	1378.0	1607.0	6.145959
10	2	84.4	19	1967.0	-	7.160182
11	1	77.6	13	-	-	7.615236
12	3	66.1	7	1863.0	1590.0	8.602313
13	2	78.4	6	1477.0	-	9.437864
14	2	57.7	18	1263.0	-	10.069873
15	3	69.7	19	1110.0	1475.0	11.060789
16	2	78.4	10	1252.0	-	11.544980

Table 42 - HT20 Long Sequence Waveform Trial#29 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.3	20	1929.0	-	0.171158
2	2	82.4	14	1599.0	-	1.025618
3	2	65.4	10	1609.0	-	1.790517
4	2	76.8	12	1141.0	-	2.548326
5	3	57.3	9	1133.0	1018.0	3.674976
6	2	66.6	16	1670.0	-	4.250510
7	3	93.7	16	1324.0	1642.0	5.191309
8	2	64.5	6	1108.0	-	5.561991
9	1	90.4	11	-	-	6.575106
10	3	54.6	16	1222.0	1528.0	6.783762
11	1	59.1	20	-	-	7.682406
12	2	87.3	17	1626.0	-	8.926127
13	2	77.7	16	1999.0	-	9.052464
14	2	72.0	7	1998.0	-	10.147410
15	1	63.0	19	-	-	10.886255
16	3	59.5	15	1324.0	1288.0	11.666052

Table 43 - HT20 Long Sequence Waveform Trial#30 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	75.7	13	1564.0	1184.0	0.531127
2	2	74.1	8	1192.0	-	1.070495
3	3	78.4	19	1268.0	1347.0	1.840181
4	2	92.7	16	1575.0	-	3.164520
5	2	57.9	12	1494.0	-	3.545665
6	2	65.2	14	1188.0	-	4.257143
7	1	71.0	8	-	-	5.049738
8	2	93.9	16	1624.0	-	6.256038
9	2	91.1	9	1414.0	-	6.870923
10	3	50.1	6	1677.0	1428.0	7.845997
11	1	87.6	16	-	-	8.072049
12	1	82.6	11	-	-	9.340176
13	2	98.6	10	1253.0	-	10.010292
14	3	75.4	11	1026.0	1322.0	11.121474
15	2	87.9	10	1814.0	-	11.722429

Table 44 - HT40plusDetection Bandwidth Measurements (Bandwidth: +20MHz /-20MHz)					
EUT Frequency	Radar Type	Radar Frequency	Number Detected	Number Not Detected	Success (%)
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5649.00 MHz	0	3	0
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5650.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5651.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5652.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5653.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5654.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5655.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5656.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5657.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5658.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5659.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5660.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5661.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5662.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5663.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5664.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5665.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5666.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5667.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5668.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5669.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5670.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5671.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5672.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5673.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5674.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5675.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5676.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5677.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5678.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5679.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5680.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5681.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5682.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5683.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5684.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5685.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5686.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5687.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5688.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5689.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5690.00 MHz	10	0	100
5670.00 MHz	FCC Short Pulse Radar (Type 1)	5691.00 MHz	0	3	0

Table 45 - Summary of All Results - HT40plus

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	95.0 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	41	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED

Table 46 - FCC Short Pulse Radar (Type 1) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5670.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5665.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5660.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5680.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5675.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5670.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5665.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5660.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5680.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5675.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5670.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5665.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5660.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5680.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5675.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5670.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5665.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5660.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5680.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5675.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5670.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5665.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5660.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5680.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5675.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5670.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5665.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5660.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5680.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5675.0MHz, -63.0dBm	Single burst

Table 47 - FCC Short Pulse Radar (Type 2) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	2.3	213.0	Yes	5670.0MHz, -63.0dBm	Single burst
2	23	2.8	210.0	Yes	5665.0MHz, -63.0dBm	Single burst
3	24	3.3	158.0	Yes	5660.0MHz, -63.0dBm	Single burst
4	25	2.1	222.0	Yes	5680.0MHz, -63.0dBm	Single burst

Table 47 - FCC Short Pulse Radar (Type 2) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
5	24	1.7	169.0	Yes	5675.0MHz, -63.0dBm	Single burst
6	26	1.2	219.0	No	5670.0MHz, -63.0dBm	Single burst
7	28	2.8	194.0	Yes	5665.0MHz, -63.0dBm	Single burst
8	25	2.6	171.0	Yes	5660.0MHz, -63.0dBm	Single burst
9	28	4.7	197.0	Yes	5680.0MHz, -63.0dBm	Single burst
10	25	1.5	221.0	Yes	5675.0MHz, -63.0dBm	Single burst
11	26	4.0	208.0	Yes	5670.0MHz, -63.0dBm	Single burst
12	27	2.1	202.0	Yes	5665.0MHz, -63.0dBm	Single burst
13	28	1.9	164.0	Yes	5660.0MHz, -63.0dBm	Single burst
14	27	2.6	196.0	Yes	5680.0MHz, -63.0dBm	Single burst
15	27	2.2	173.0	Yes	5675.0MHz, -63.0dBm	Single burst
16	27	4.1	174.0	Yes	5670.0MHz, -63.0dBm	Single burst
17	27	3.7	217.0	Yes	5665.0MHz, -63.0dBm	Single burst
18	24	3.6	155.0	Yes	5660.0MHz, -63.0dBm	Single burst
19	29	1.5	165.0	Yes	5680.0MHz, -63.0dBm	Single burst
20	26	2.6	211.0	Yes	5675.0MHz, -63.0dBm	Single burst
21	25	3.0	188.0	Yes	5670.0MHz, -63.0dBm	Single burst
22	26	4.4	165.0	Yes	5665.0MHz, -63.0dBm	Single burst
23	24	3.2	217.0	Yes	5660.0MHz, -63.0dBm	Single burst
24	26	4.0	209.0	Yes	5680.0MHz, -63.0dBm	Single burst
25	23	2.0	227.0	Yes	5675.0MHz, -63.0dBm	Single burst
26	24	4.0	208.0	Yes	5670.0MHz, -63.0dBm	Single burst
27	26	3.5	154.0	Yes	5665.0MHz, -63.0dBm	Single burst
28	25	4.9	206.0	Yes	5660.0MHz, -63.0dBm	Single burst
29	28	2.3	194.0	No	5680.0MHz, -63.0dBm	Single burst
30	24	3.4	214.0	No	5675.0MHz, -63.0dBm	Single burst

Table 48 - FCC Short Pulse Radar (Type 3) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	8.8	355.0	Yes	5670.0MHz, -63.0dBm	Single burst
2	17	9.9	271.0	Yes	5665.0MHz, -63.0dBm	Single burst
3	16	6.4	291.0	Yes	5660.0MHz, -63.0dBm	Single burst
4	16	7.4	462.0	Yes	5680.0MHz, -63.0dBm	Single burst
5	18	9.7	202.0	Yes	5675.0MHz, -63.0dBm	Single burst
6	16	8.2	232.0	Yes	5670.0MHz, -63.0dBm	Single burst
7	16	8.5	468.0	No	5665.0MHz, -63.0dBm	Single burst
8	17	6.3	364.0	Yes	5660.0MHz, -63.0dBm	Single burst
9	17	8.6	438.0	Yes	5680.0MHz, -63.0dBm	Single burst
10	17	7.4	275.0	No	5675.0MHz, -63.0dBm	Single burst
11	18	7.8	253.0	Yes	5670.0MHz, -63.0dBm	Single burst
12	18	6.8	350.0	Yes	5665.0MHz, -63.0dBm	Single burst
13	18	9.1	453.0	Yes	5660.0MHz, -63.0dBm	Single burst
14	16	7.7	248.0	Yes	5680.0MHz, -63.0dBm	Single burst
15	17	6.3	389.0	Yes	5675.0MHz, -63.0dBm	Single burst
16	18	6.1	263.0	Yes	5670.0MHz, -63.0dBm	Single burst
17	16	8.6	241.0	Yes	5665.0MHz, -63.0dBm	Single burst
18	17	6.6	479.0	Yes	5660.0MHz, -63.0dBm	Single burst
19	17	6.8	303.0	Yes	5680.0MHz, -63.0dBm	Single burst
20	18	8.7	265.0	Yes	5675.0MHz, -63.0dBm	Single burst
21	17	7.6	291.0	Yes	5670.0MHz, -63.0dBm	Single burst
22	18	9.2	375.0	Yes	5665.0MHz, -63.0dBm	Single burst

Table 48 - FCC Short Pulse Radar (Type 3) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
23	17	6.9	433.0	Yes	5660.0MHz, -63.0dBm	Single burst
24	17	7.9	281.0	Yes	5680.0MHz, -63.0dBm	Single burst
25	17	7.0	328.0	Yes	5675.0MHz, -63.0dBm	Single burst
26	18	9.2	217.0	Yes	5670.0MHz, -63.0dBm	Single burst
27	18	8.3	443.0	No	5665.0MHz, -63.0dBm	Single burst
28	16	8.7	211.0	Yes	5660.0MHz, -63.0dBm	Single burst
29	18	8.5	395.0	Yes	5680.0MHz, -63.0dBm	Single burst
30	18	9.4	443.0	Yes	5675.0MHz, -63.0dBm	Single burst

Table 49 - FCC Short Pulse Radar (Type 4) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	12	16.9	218.0	Yes	5670.0MHz, -63.0dBm	Single burst
2	15	18.0	437.0	Yes	5665.0MHz, -63.0dBm	Single burst
3	15	14.1	387.0	Yes	5660.0MHz, -63.0dBm	Single burst
4	12	19.4	368.0	Yes	5655.0MHz, -63.0dBm	Single burst
5	15	11.5	481.0	Yes	5685.0MHz, -63.0dBm	Single burst
6	13	15.4	291.0	Yes	5680.0MHz, -63.0dBm	Single burst
7	12	17.9	275.0	Yes	5675.0MHz, -63.0dBm	Single burst
8	13	17.5	433.0	Yes	5670.0MHz, -63.0dBm	Single burst
9	15	12.2	370.0	Yes	5665.0MHz, -63.0dBm	Single burst
10	15	14.1	482.0	Yes	5660.0MHz, -63.0dBm	Single burst
11	15	13.5	279.0	Yes	5655.0MHz, -63.0dBm	Single burst
12	13	13.7	400.0	Yes	5685.0MHz, -63.0dBm	Single burst
13	12	19.6	467.0	Yes	5680.0MHz, -63.0dBm	Single burst
14	13	14.1	459.0	Yes	5675.0MHz, -63.0dBm	Single burst
15	14	17.8	308.0	Yes	5670.0MHz, -63.0dBm	Single burst
16	14	19.2	472.0	Yes	5665.0MHz, -63.0dBm	Single burst
17	13	12.4	470.0	Yes	5660.0MHz, -63.0dBm	Single burst
18	14	12.2	416.0	Yes	5655.0MHz, -63.0dBm	Single burst
19	12	19.9	403.0	Yes	5685.0MHz, -63.0dBm	Single burst
20	14	19.7	395.0	Yes	5680.0MHz, -63.0dBm	Single burst
21	12	14.5	466.0	Yes	5675.0MHz, -63.0dBm	Single burst
22	14	15.5	239.0	Yes	5670.0MHz, -63.0dBm	Single burst
23	13	17.2	409.0	Yes	5665.0MHz, -63.0dBm	Single burst
24	16	12.6	223.0	Yes	5660.0MHz, -63.0dBm	Single burst
25	14	12.7	452.0	Yes	5655.0MHz, -63.0dBm	Single burst
26	14	16.8	481.0	Yes	5685.0MHz, -63.0dBm	Single burst
27	13	16.1	239.0	Yes	5680.0MHz, -63.0dBm	Single burst
28	15	18.2	466.0	Yes	5675.0MHz, -63.0dBm	Single burst
29	12	13.8	241.0	Yes	5670.0MHz, -63.0dBm	Single burst
30	12	18.2	436.0	Yes	5665.0MHz, -63.0dBm	Single burst

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5689.0MHz, -63.0dBm	Hop sequence: 5710, 5584, 5370, 5684, 5290, 5342, 5634, 5303, 5279, 5567, 5562, 5371, 5482, 5590, 5603, 5460, 5385, 5676, 5453, 5536, 5675, 5402, 5711, 5698, 5393, 5413, 5531, 5474, 5252, 5629, 5357, 5424, 5473, 5622, 5724, 5296, 5632, 5326, 5339, 5294, 5304, 5607, 5412, 5324, 5263, 5369, 5520, 5429, 5467, 5651, 5469, 5524, 5605, 5280, 5508, 5495, 5360, 5278, 5621, 5331, 5630, 5514, 5645, 5440, 5465, 5430, 5558, 5450, 5454, 5409, 5416, 5314, 5624, 5463, 5295, 5407, 5625, 5716, 5410, 5592, 5569, 5271, 5333, 5561, 5299, 5411, 5601, 5400, 5599, 5434, 5397, 5529, 5315, 5717, 5613, 5656, 5466, 5446, 5532, 5255 (5 hits)
2	9	1.0	333.0	Yes	5690.0MHz, -63.0dBm	Hop sequence: 5389, 5622, 5443, 5632, 5409, 5486, 5529, 5320, 5408, 5541, 5655, 5460, 5567, 5676, 5344, 5483, 5295, 5590, 5446, 5693, 5724, 5599, 5665, 5543, 5656, 5413, 5430, 5428, 5425, 5423, 5363, 5459, 5511, 5525, 5553, 5275, 5528, 5302, 5366, 5359, 5520, 5670, 5544, 5411, 5581, 5351, 5575, 5641, 5539, 5573, 5578, 5620, 5376, 5663, 5445, 5304, 5705, 5540, 5437, 5637, 5269, 5535, 5677, 5405, 5455, 5572, 5678, 5394, 5549, 5341, 5615, 5707, 5396, 5654, 5713, 5337, 5440, 5383, 5703, 5583, 5688, 5536, 5400, 5308, 5339, 5569, 5702, 5329, 5373, 5417, 5264, 5318, 5625, 5294, 5712, 5259, 5566, 5721, 5695, 5390 (10 hits)
3	9	1.0	333.0	Yes	5650.0MHz, -63.0dBm	Hop sequence: 5629, 5680, 5524, 5361, 5301, 5647, 5573, 5305, 5624, 5391, 5488, 5275, 5567, 5540, 5601, 5453, 5669, 5528, 5482, 5360, 5505, 5620, 5673, 5425, 5546, 5721, 5495, 5308, 5409, 5602, 5369, 5289, 5703, 5434, 5364, 5585, 5485, 5724, 5256, 5378, 5713, 5338, 5570, 5349, 5600, 5639, 5327, 5282, 5621, 5545, 5386, 5328, 5483, 5325, 5426, 5299, 5331, 5717,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5268, 5574, 5517, 5279, 5408, 5496, 5418, 5410, 5569, 5709, 5604, 5522, 5258, 5663, 5377, 5471, 5478, 5396, 5252, 5381, 5480, 5343, 5577, 5487, 5553, 5431, 5556, 5402, 5497, 5696, 5313, 5454, 5430, 5658, 5423, 5690, 5677, 5693, 5351, 5335, 5435, 5255 (7 hits)
4	9	1.0	333.0	Yes	5651.0MHz, -63.0dBm	Hop sequence: 5380, 5527, 5349, 5583, 5313, 5357, 5517, 5554, 5375, 5597, 5642, 5563, 5595, 5395, 5633, 5499, 5674, 5359, 5699, 5344, 5580, 5463, 5285, 5426, 5360, 5724, 5514, 5695, 5578, 5564, 5381, 5289, 5428, 5502, 5668, 5568, 5383, 5629, 5431, 5310, 5660, 5261, 5582, 5394, 5543, 5602, 5407, 5643, 5647, 5402, 5579, 5655, 5305, 5473, 5304, 5432, 5650, 5452, 5392, 5330, 5627, 5654, 5453, 5598, 5266, 5648, 5335, 5530, 5725, 5322, 5487, 5515, 5632, 5678, 5396, 5295, 5364, 5622, 5588, 5391, 5594, 5544, 5259, 5618, 5552, 5726, 5498, 5387, 5300, 5306, 5581, 5439, 5376, 5621, 5528, 5664, 5475, 5268, 5704, 5377 (8 hits) (04/03/2013 01:46:50 PM)
5	9	1.0	333.0	Yes	5652.0MHz, -63.0dBm	Hop sequence: 5716, 5439, 5626, 5398, 5322, 5532, 5351, 5255, 5632, 5358, 5390, 5286, 5251, 5307, 5337, 5377, 5277, 5660, 5477, 5695, 5715, 5252, 5514, 5628, 5508, 5453, 5295, 5671, 5262, 5688, 5686, 5649, 5451, 5455, 5349, 5631, 5283, 5690, 5696, 5501, 5290, 5634, 5253, 5548, 5617, 5629, 5457, 5306, 5414, 5334, 5394, 5400, 5614, 5442, 5467, 5493, 5474, 5662, 5574, 5506, 5492, 5541, 5364, 5705, 5609, 5694, 5589, 5707, 5663, 5422, 5550, 5274, 5323, 5260, 5331, 5372, 5595, 5403, 5285, 5563, 5560, 5668, 5333, 5373, 5615, 5554, 5279, 5297, 5266, 5664, 5509, 5618, 5316, 5284, 5585, 5428, 5586, 5357, 5537, 5570 (9 hits)
6	9	1.0	333.0	Yes	5653.0MHz, -63.0dBm	Hop sequence: 5328, 5642, 5309, 5319, 5556, 5378, 5616, 5325, 5708, 5505, 5382, 5339, 5498,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5288, 5481, 5540, 5433, 5342, 5698, 5494, 5372, 5282, 5334, 5335, 5585, 5654, 5578, 5435, 5347, 5426, 5450, 5721, 5420, 5499, 5466, 5511, 5322, 5286, 5588, 5289, 5712, 5337, 5579, 5598, 5439, 5550, 5667, 5596, 5676, 5521, 5368, 5287, 5626, 5665, 5376, 5417, 5625, 5660, 5251, 5467, 5410, 5421, 5447, 5638, 5594, 5350, 5528, 5639, 5444, 5538, 5485, 5360, 5268, 5473, 5599, 5277, 5298, 5278, 5265, 5680, 5260, 5573, 5387, 5456, 5670, 5584, 5476, 5437, 5351, 5297, 5403, 5663, 5425, 5617, 5702, 5572, 5580, 5293, 5561, 5707 (8 hits)
7	9	1.0	333.0	Yes	5654.0MHz, -63.0dBm	Hop sequence: 5319, 5486, 5666, 5586, 5647, 5498, 5684, 5379, 5336, 5283, 5457, 5679, 5596, 5707, 5689, 5544, 5500, 5255, 5305, 5595, 5490, 5401, 5294, 5551, 5535, 5657, 5558, 5256, 5313, 5282, 5327, 5451, 5725, 5356, 5575, 5685, 5334, 5310, 5363, 5576, 5342, 5269, 5611, 5664, 5463, 5599, 5263, 5568, 5431, 5554, 5485, 5669, 5345, 5694, 5641, 5560, 5713, 5392, 5574, 5387, 5406, 5541, 5538, 5364, 5652, 5475, 5328, 5253, 5607, 5332, 5536, 5693, 5357, 5458, 5682, 5400, 5668, 5720, 5456, 5488, 5425, 5484, 5548, 5335, 5390, 5702, 5398, 5254, 5659, 5667, 5272, 5507, 5308, 5369, 5587, 5526, 5420, 5604, 5298, 5350 (13 hits) (04/03/2013 01:48:15 PM)
8	9	1.0	333.0	Yes	5655.0MHz, -63.0dBm	Hop sequence: 5462, 5611, 5530, 5273, 5574, 5717, 5635, 5619, 5711, 5589, 5448, 5380, 5376, 5514, 5640, 5503, 5357, 5290, 5489, 5307, 5396, 5272, 5276, 5551, 5694, 5438, 5333, 5621, 5703, 5566, 5561, 5466, 5535, 5368, 5626, 5386, 5367, 5395, 5340, 5580, 5529, 5348, 5655, 5663, 5724, 5492, 5411, 5605, 5653, 5706, 5465, 5293, 5280, 5360, 5253, 5420, 5497, 5582, 5540, 5409, 5452, 5623, 5453, 5371, 5659, 5301, 5257, 5422, 5387, 5477, 5421, 5406, 5690,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5339, 5312, 5446, 5708, 5355, 5692, 5337, 5715, 5600, 5712, 5633, 5573, 5680, 5394, 5440, 5351, 5686, 5344, 5464, 5710, 5390, 5575, 5315, 5457, 5281, 5658, 5451 (8 hits)
9	9	1.0	333.0	Yes	5656.0MHz, -63.0dBm	Hop sequence: 5455, 5406, 5701, 5617, 5251, 5515, 5318, 5530, 5414, 5587, 5555, 5592, 5306, 5540, 5397, 5258, 5385, 5671, 5612, 5698, 5441, 5381, 5667, 5510, 5502, 5315, 5597, 5716, 5708, 5522, 5297, 5309, 5506, 5419, 5648, 5395, 5334, 5637, 5590, 5585, 5447, 5678, 5330, 5290, 5525, 5713, 5584, 5358, 5363, 5553, 5285, 5401, 5360, 5608, 5267, 5379, 5662, 5663, 5326, 5624, 5291, 5725, 5676, 5275, 5632, 5647, 5328, 5631, 5504, 5686, 5670, 5570, 5351, 5600, 5410, 5268, 5259, 5547, 5499, 5492, 5366, 5260, 5485, 5636, 5707, 5270, 5533, 5429, 5697, 5446, 5394, 5293, 5337, 5691, 5481, 5335, 5438, 5693, 5468, 5317 (8 hits)
10	9	1.0	333.0	Yes	5657.0MHz, -63.0dBm	Hop sequence: 5303, 5533, 5654, 5677, 5361, 5563, 5592, 5391, 5646, 5530, 5685, 5321, 5671, 5589, 5548, 5403, 5651, 5637, 5568, 5404, 5265, 5708, 5711, 5306, 5290, 5309, 5412, 5385, 5514, 5402, 5467, 5670, 5444, 5504, 5370, 5258, 5328, 5644, 5365, 5401, 5480, 5640, 5541, 5315, 5409, 5551, 5310, 5560, 5443, 5716, 5462, 5327, 5613, 5396, 5624, 5607, 5673, 5350, 5387, 5378, 5562, 5513, 5293, 5516, 5579, 5398, 5537, 5429, 5520, 5641, 5684, 5652, 5501, 5390, 5614, 5320, 5686, 5522, 5363, 5283, 5410, 5676, 5427, 5270, 5282, 5577, 5632, 5556, 5709, 5376, 5460, 5502, 5619, 5503, 5600, 5552, 5648, 5583, 5254, 5413 (11 hits)
11	9	1.0	333.0	Yes	5658.0MHz, -63.0dBm	Hop sequence: 5376, 5571, 5451, 5495, 5293, 5362, 5614, 5483, 5437, 5507, 5689, 5306, 5542, 5410, 5461, 5263, 5401, 5289, 5387, 5490, 5564, 5302, 5332, 5687, 5546, 5682, 5351, 5612, 5479, 5421, 5670, 5709, 5313,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5680, 5534, 5294, 5266, 5265, 5455, 5250, 5533, 5408, 5278, 5350, 5716, 5283, 5423, 5341, 5572, 5722, 5418, 5625, 5305, 5643, 5645, 5474, 5635, 5607, 5380, 5296, 5486, 5367, 5503, 5669, 5549, 5487, 5391, 5355, 5402, 5253, 5666, 5450, 5399, 5276, 5514, 5539, 5409, 5541, 5397, 5264, 5631, 5352, 5557, 5596, 5620, 5384, 5292, 5347, 5724, 5561, 5325, 5717, 5676, 5560, 5324, 5268, 5516, 5698, 5370, 5269 (8 hits)
12	9	1.0	333.0	Yes	5659.0MHz, -63.0dBm	Hop sequence: 5619, 5492, 5683, 5392, 5562, 5655, 5260, 5603, 5346, 5594, 5405, 5634, 5545, 5324, 5667, 5351, 5311, 5441, 5648, 5533, 5456, 5377, 5343, 5349, 5666, 5298, 5424, 5700, 5557, 5325, 5542, 5269, 5330, 5265, 5270, 5490, 5404, 5272, 5679, 5320, 5690, 5510, 5571, 5397, 5327, 5674, 5543, 5466, 5387, 5623, 5680, 5695, 5677, 5409, 5295, 5662, 5414, 5532, 5381, 5288, 5527, 5691, 5261, 5499, 5271, 5707, 5535, 5316, 5290, 5516, 5303, 5286, 5559, 5721, 5398, 5539, 5607, 5529, 5322, 5553, 5335, 5541, 5345, 5706, 5613, 5544, 5584, 5297, 5687, 5635, 5485, 5497, 5675, 5637, 5331, 5615, 5642, 5587, 5373, 5663 (13 hits)
13	9	1.0	333.0	Yes	5660.0MHz, -63.0dBm	Hop sequence: 5617, 5559, 5578, 5499, 5568, 5506, 5419, 5678, 5504, 5394, 5275, 5374, 5415, 5529, 5599, 5315, 5293, 5292, 5345, 5323, 5659, 5450, 5486, 5706, 5392, 5478, 5430, 5276, 5514, 5378, 5409, 5616, 5312, 5260, 5527, 5489, 5679, 5658, 5278, 5594, 5710, 5628, 5655, 5662, 5365, 5675, 5619, 5444, 5582, 5310, 5666, 5252, 5590, 5403, 5363, 5615, 5351, 5326, 5661, 5356, 5253, 5621, 5539, 5653, 5505, 5503, 5263, 5537, 5682, 5349, 5358, 5687, 5290, 5553, 5261, 5580, 5483, 5460, 5490, 5569, 5387, 5343, 5522, 5422, 5373, 5501, 5449, 5291, 5339, 5688, 5436, 5309, 5715, 5454, 5656, 5577, 5468, 5267,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5416, 5338 (14 hits)
14	9	1.0	333.0	Yes	5661.0MHz, -63.0dBm	Hop sequence: 5538, 5271, 5326, 5421, 5510, 5545, 5451, 5304, 5279, 5313, 5452, 5519, 5499, 5500, 5570, 5494, 5266, 5368, 5642, 5298, 5435, 5610, 5571, 5457, 5418, 5413, 5431, 5375, 5470, 5561, 5522, 5623, 5689, 5620, 5504, 5515, 5410, 5573, 5330, 5550, 5308, 5468, 5653, 5574, 5627, 5456, 5663, 5415, 5483, 5618, 5555, 5606, 5686, 5644, 5378, 5278, 5625, 5703, 5485, 5540, 5564, 5691, 5376, 5374, 5566, 5336, 5491, 5602, 5502, 5613, 5721, 5629, 5501, 5700, 5569, 5315, 5593, 5628, 5682, 5714, 5685, 5316, 5367, 5595, 5274, 5709, 5687, 5478, 5681, 5684, 5641, 5725, 5297, 5724, 5716, 5391, 5335, 5673, 5605, 5365 (10 hits)
15	9	1.0	333.0	Yes	5662.0MHz, -63.0dBm	Hop sequence: 5542, 5256, 5618, 5487, 5506, 5642, 5430, 5519, 5274, 5351, 5702, 5699, 5373, 5343, 5263, 5292, 5555, 5725, 5695, 5357, 5701, 5590, 5667, 5267, 5457, 5390, 5383, 5576, 5703, 5437, 5391, 5459, 5640, 5537, 5250, 5616, 5287, 5657, 5470, 5342, 5337, 5295, 5713, 5489, 5523, 5676, 5573, 5613, 5463, 5310, 5507, 5313, 5264, 5362, 5469, 5432, 5415, 5560, 5446, 5596, 5259, 5606, 5543, 5547, 5515, 5353, 5682, 5461, 5717, 5643, 5314, 5581, 5708, 5490, 5593, 5512, 5559, 5414, 5345, 5350, 5396, 5610, 5628, 5684, 5453, 5465, 5374, 5411, 5569, 5286, 5384, 5335, 5326, 5312, 5476, 5375, 5304, 5634, 5664, 5426 (6 hits)
16	9	1.0	333.0	Yes	5663.0MHz, -63.0dBm	Hop sequence: 5677, 5599, 5565, 5367, 5637, 5317, 5597, 5664, 5584, 5281, 5448, 5529, 5435, 5579, 5533, 5644, 5570, 5330, 5443, 5651, 5371, 5688, 5556, 5377, 5550, 5424, 5336, 5488, 5573, 5625, 5624, 5278, 5722, 5434, 5514, 5706, 5563, 5609, 5328, 5547, 5272, 5524, 5445, 5608, 5665, 5521, 5717, 5723, 5284, 5650, 5391, 5313, 5539, 5672, 5546, 5571, 5311, 5292,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5595, 5459, 5509, 5436, 5701, 5346, 5456, 5480, 5380, 5554, 5361, 5461, 5501, 5369, 5306, 5333, 5475, 5540, 5577, 5368, 5712, 5572, 5326, 5351, 5681, 5383, 5512, 5613, 5700, 5645, 5622, 5603, 5587, 5255, 5646, 5678, 5685, 5718, 5517, 5542, 5513, 5289 (10 hits)
17	9	1.0	333.0	Yes	5664.0MHz, -63.0dBm	Hop sequence: 5689, 5440, 5641, 5648, 5716, 5252, 5571, 5682, 5499, 5454, 5629, 5671, 5441, 5698, 5552, 5439, 5261, 5427, 5309, 5425, 5693, 5451, 5511, 5404, 5383, 5497, 5433, 5598, 5364, 5289, 5387, 5536, 5446, 5688, 5526, 5459, 5627, 5460, 5411, 5503, 5674, 5638, 5410, 5601, 5505, 5286, 5461, 5681, 5596, 5628, 5275, 5623, 5314, 5654, 5368, 5614, 5251, 5445, 5673, 5539, 5395, 5620, 5337, 5274, 5362, 5725, 5443, 5577, 5327, 5680, 5548, 5676, 5567, 5580, 5578, 5613, 5528, 5316, 5702, 5500, 5515, 5584, 5710, 5556, 5369, 5402, 5485, 5397, 5386, 5704, 5308, 5610, 5617, 5465, 5489, 5382, 5522, 5359, 5444, 5696 (10 hits)
18	9	1.0	333.0	Yes	5665.0MHz, -63.0dBm	Hop sequence: 5475, 5714, 5594, 5378, 5520, 5328, 5543, 5360, 5657, 5674, 5298, 5379, 5686, 5467, 5471, 5397, 5277, 5458, 5480, 5252, 5537, 5591, 5461, 5413, 5456, 5508, 5383, 5604, 5364, 5494, 5506, 5584, 5272, 5601, 5721, 5479, 5283, 5448, 5516, 5620, 5658, 5588, 5428, 5645, 5667, 5510, 5496, 5463, 5513, 5580, 5711, 5389, 5464, 5361, 5269, 5299, 5610, 5602, 5718, 5539, 5529, 5318, 5261, 5570, 5655, 5469, 5670, 5589, 5484, 5640, 5432, 5662, 5571, 5420, 5639, 5675, 5514, 5347, 5615, 5487, 5644, 5339, 5666, 5256, 5550, 5446, 5726, 5313, 5267, 5656, 5275, 5526, 5482, 5477, 5435, 5470, 5316, 5556, 5322, 5489 (11 hits)
19	9	1.0	333.0	Yes	5666.0MHz, -63.0dBm	Hop sequence: 5433, 5265, 5364, 5534, 5378, 5468, 5625, 5411, 5269, 5521, 5356, 5454, 5669, 5509, 5667, 5440, 5721, 5622,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5619, 5492, 5708, 5300, 5341, 5656, 5386, 5353, 5311, 5313, 5416, 5532, 5546, 5539, 5291, 5671, 5274, 5367, 5552, 5704, 5642, 5723, 5615, 5481, 5447, 5588, 5298, 5682, 5563, 5717, 5462, 5413, 5637, 5337, 5436, 5254, 5620, 5582, 5404, 5533, 5714, 5461, 5339, 5660, 5439, 5657, 5700, 5618, 5698, 5323, 5579, 5358, 5694, 5494, 5586, 5286, 5551, 5397, 5678, 5629, 5294, 5366, 5348, 5268, 5483, 5596, 5360, 5709, 5333, 5673, 5545, 5368, 5319, 5504, 5278, 5401, 5513, 5707, 5647, 5408, 5458, 5279 (9 hits)
20	9	1.0	333.0	Yes	5667.0MHz, -63.0dBm	Hop sequence: 5292, 5399, 5584, 5470, 5692, 5684, 5652, 5394, 5393, 5533, 5620, 5307, 5410, 5376, 5256, 5687, 5428, 5586, 5660, 5512, 5599, 5555, 5402, 5546, 5250, 5367, 5655, 5719, 5563, 5527, 5467, 5677, 5602, 5479, 5700, 5642, 5345, 5260, 5523, 5456, 5628, 5627, 5334, 5507, 5679, 5573, 5326, 5266, 5462, 5712, 5531, 5262, 5329, 5333, 5481, 5324, 5618, 5638, 5565, 5517, 5283, 5576, 5658, 5385, 5626, 5529, 5521, 5341, 5332, 5416, 5448, 5430, 5495, 5685, 5344, 5424, 5288, 5659, 5358, 5275, 5674, 5641, 5450, 5278, 5421, 5340, 5709, 5318, 5398, 5609, 5663, 5458, 5698, 5676, 5508, 5597, 5556, 5465, 5368, 5267 (13 hits)
21	9	1.0	333.0	Yes	5668.0MHz, -63.0dBm	Hop sequence: 5483, 5322, 5520, 5349, 5348, 5501, 5326, 5406, 5293, 5408, 5424, 5503, 5352, 5722, 5415, 5608, 5277, 5395, 5592, 5714, 5549, 5365, 5346, 5655, 5715, 5698, 5667, 5438, 5425, 5663, 5369, 5502, 5642, 5576, 5409, 5544, 5675, 5561, 5626, 5393, 5451, 5295, 5383, 5619, 5370, 5266, 5268, 5673, 5604, 5359, 5590, 5569, 5426, 5682, 5697, 5313, 5612, 5513, 5270, 5372, 5651, 5419, 5585, 5607, 5440, 5636, 5308, 5289, 5524, 5532, 5665, 5261, 5577, 5267, 5654, 5414, 5300, 5629, 5699, 5316, 5614, 5536, 5538,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5417, 5273, 5630, 5491, 5547, 5446, 5320, 5392, 5634, 5500, 5416, 5430, 5311, 5323, 5591, 5376, 5468 (9 hits)
22	9	1.0	333.0	Yes	5669.0MHz, -63.0dBm	Hop sequence: 5278, 5500, 5714, 5651, 5438, 5409, 5339, 5366, 5724, 5316, 5333, 5697, 5377, 5555, 5396, 5306, 5358, 5491, 5698, 5562, 5664, 5304, 5534, 5367, 5361, 5573, 5625, 5564, 5677, 5376, 5509, 5346, 5353, 5465, 5517, 5576, 5279, 5371, 5566, 5337, 5441, 5303, 5605, 5572, 5577, 5593, 5494, 5673, 5579, 5666, 5705, 5275, 5647, 5270, 5417, 5627, 5533, 5412, 5542, 5644, 5373, 5504, 5607, 5618, 5359, 5410, 5393, 5330, 5628, 5639, 5435, 5404, 5332, 5459, 5596, 5368, 5575, 5356, 5476, 5702, 5499, 5695, 5548, 5272, 5582, 5567, 5289, 5348, 5320, 5658, 5429, 5660, 5294, 5268, 5525, 5379, 5688, 5263, 5462, 5421 (8 hits)
23	9	1.0	333.0	Yes	5670.0MHz, -63.0dBm	Hop sequence: 5320, 5401, 5265, 5341, 5681, 5566, 5334, 5502, 5553, 5300, 5469, 5370, 5299, 5500, 5454, 5630, 5260, 5685, 5362, 5444, 5376, 5626, 5398, 5318, 5492, 5380, 5462, 5666, 5540, 5447, 5256, 5617, 5618, 5631, 5713, 5716, 5422, 5629, 5478, 5481, 5707, 5255, 5634, 5567, 5406, 5475, 5476, 5386, 5287, 5704, 5506, 5466, 5416, 5337, 5520, 5263, 5330, 5701, 5274, 5408, 5326, 5267, 5280, 5654, 5458, 5675, 5570, 5648, 5433, 5440, 5528, 5628, 5484, 5342, 5697, 5438, 5480, 5552, 5384, 5625, 5429, 5710, 5498, 5423, 5382, 5578, 5303, 5709, 5421, 5636, 5557, 5559, 5550, 5344, 5487, 5680, 5323, 5281, 5677, 5405 (7 hits)
24	9	1.0	333.0	Yes	5671.0MHz, -63.0dBm	Hop sequence: 5629, 5270, 5328, 5428, 5586, 5529, 5679, 5667, 5470, 5275, 5618, 5279, 5315, 5355, 5706, 5356, 5534, 5423, 5407, 5421, 5504, 5578, 5385, 5488, 5254, 5645, 5452, 5593, 5392, 5688, 5533, 5598, 5351, 5474, 5373, 5696, 5383, 5541, 5340, 5660, 5301, 5524, 5659,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5627, 5575, 5324, 5647, 5374, 5380, 5635, 5591, 5436, 5277, 5634, 5272, 5599, 5437, 5621, 5560, 5530, 5291, 5307, 5458, 5719, 5263, 5590, 5468, 5471, 5538, 5637, 5490, 5694, 5701, 5715, 5354, 5704, 5445, 5399, 5485, 5387, 5268, 5327, 5580, 5361, 5317, 5665, 5655, 5310, 5313, 5548, 5526, 5725, 5662, 5302, 5330, 5631, 5664, 5707, 5397, 5357 (9 hits)
25	9	1.0	333.0	Yes	5672.0MHz, -63.0dBm	Hop sequence: 5287, 5383, 5398, 5364, 5725, 5275, 5669, 5388, 5506, 5406, 5629, 5589, 5315, 5327, 5273, 5391, 5422, 5620, 5518, 5605, 5595, 5618, 5387, 5293, 5544, 5503, 5354, 5340, 5500, 5430, 5411, 5561, 5324, 5646, 5609, 5673, 5425, 5636, 5297, 5525, 5511, 5517, 5466, 5631, 5615, 5522, 5332, 5269, 5404, 5546, 5475, 5457, 5276, 5542, 5507, 5606, 5719, 5604, 5696, 5389, 5255, 5684, 5590, 5310, 5552, 5664, 5259, 5538, 5614, 5568, 5336, 5588, 5461, 5513, 5345, 5415, 5608, 5566, 5468, 5481, 5267, 5707, 5439, 5420, 5348, 5431, 5281, 5654, 5712, 5353, 5703, 5277, 5540, 5300, 5592, 5447, 5263, 5687, 5459, 5494 (6 hits)
26	9	1.0	333.0	Yes	5673.0MHz, -63.0dBm	Hop sequence: 5438, 5431, 5363, 5461, 5473, 5700, 5609, 5330, 5591, 5300, 5335, 5639, 5489, 5410, 5522, 5653, 5630, 5662, 5563, 5417, 5661, 5598, 5574, 5425, 5637, 5721, 5272, 5356, 5487, 5414, 5577, 5415, 5684, 5678, 5258, 5345, 5543, 5259, 5400, 5601, 5384, 5695, 5675, 5570, 5553, 5626, 5703, 5311, 5567, 5638, 5505, 5399, 5633, 5318, 5481, 5418, 5423, 5629, 5376, 5524, 5725, 5404, 5470, 5454, 5698, 5426, 5513, 5349, 5484, 5444, 5457, 5334, 5582, 5704, 5421, 5480, 5309, 5573, 5583, 5659, 5313, 5724, 5613, 5627, 5451, 5295, 5540, 5696, 5351, 5492, 5504, 5291, 5635, 5651, 5486, 5321, 5667, 5569, 5508, 5664 (10 hits)
27	9	1.0	333.0	Yes	5674.0MHz,	Hop sequence: 5521, 5646, 5452,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5608, 5529, 5456, 5691, 5455, 5285, 5638, 5562, 5311, 5260, 5679, 5607, 5615, 5570, 5535, 5365, 5290, 5287, 5312, 5295, 5680, 5701, 5362, 5337, 5628, 5430, 5386, 5280, 5353, 5401, 5624, 5616, 5650, 5656, 5609, 5489, 5605, 5281, 5563, 5268, 5442, 5660, 5511, 5640, 5403, 5613, 5309, 5523, 5686, 5495, 5726, 5490, 5581, 5593, 5714, 5298, 5641, 5468, 5459, 5630, 5277, 5684, 5601, 5465, 5588, 5439, 5685, 5514, 5448, 5460, 5689, 5411, 5393, 5348, 5303, 5663, 5472, 5378, 5522, 5458, 5250, 5275, 5526, 5622, 5329, 5429, 5578, 5326, 5544, 5381, 5657, 5288, 5690, 5493, 5509, 5470, 5343 (12 hits)
28	9	1.0	333.0	Yes	5675.0MHz, -63.0dBm	Hop sequence: 5670, 5368, 5588, 5723, 5553, 5504, 5581, 5352, 5616, 5494, 5708, 5432, 5657, 5468, 5564, 5585, 5345, 5704, 5380, 5489, 5312, 5375, 5251, 5331, 5325, 5299, 5689, 5320, 5256, 5396, 5482, 5441, 5353, 5371, 5610, 5690, 5465, 5480, 5520, 5555, 5413, 5720, 5448, 5696, 5332, 5647, 5259, 5673, 5584, 5683, 5454, 5288, 5390, 5537, 5557, 5453, 5681, 5623, 5651, 5418, 5343, 5478, 5548, 5602, 5621, 5528, 5388, 5633, 5711, 5383, 5315, 5442, 5594, 5526, 5645, 5308, 5349, 5357, 5292, 5457, 5414, 5653, 5258, 5697, 5596, 5632, 5595, 5431, 5364, 5518, 5297, 5283, 5330, 5661, 5341, 5267, 5377, 5614, 5458, 5656 (11 hits)
29	9	1.0	333.0	Yes	5676.0MHz, -63.0dBm	Hop sequence: 5395, 5273, 5332, 5684, 5554, 5353, 5716, 5295, 5328, 5699, 5322, 5587, 5394, 5711, 5267, 5680, 5690, 5695, 5426, 5632, 5497, 5512, 5682, 5659, 5438, 5704, 5411, 5279, 5410, 5379, 5377, 5547, 5325, 5673, 5496, 5633, 5622, 5293, 5316, 5537, 5451, 5504, 5556, 5599, 5661, 5296, 5626, 5579, 5581, 5387, 5371, 5664, 5585, 5356, 5473, 5375, 5288, 5517, 5698, 5570, 5620, 5499, 5407, 5347, 5324, 5462, 5320, 5305,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5641, 5440, 5413, 5519, 5700, 5723, 5648, 5319, 5403, 5703, 5549, 5365, 5367, 5466, 5614, 5559, 5423, 5578, 5285, 5503, 5313, 5329, 5336, 5697, 5354, 5724, 5658, 5389, 5491, 5647, 5486, 5560 (9 hits)
30	9	1.0	333.0	Yes	5677.0MHz, -63.0dBm	Hop sequence: 5456, 5282, 5711, 5574, 5634, 5580, 5658, 5508, 5312, 5316, 5404, 5674, 5608, 5450, 5585, 5701, 5299, 5386, 5555, 5399, 5514, 5434, 5290, 5475, 5358, 5620, 5564, 5726, 5384, 5638, 5654, 5338, 5541, 5636, 5425, 5704, 5372, 5331, 5700, 5596, 5403, 5569, 5469, 5597, 5477, 5618, 5486, 5491, 5410, 5374, 5624, 5432, 5485, 5703, 5420, 5681, 5453, 5588, 5261, 5557, 5320, 5599, 5591, 5367, 5594, 5275, 5455, 5639, 5669, 5572, 5577, 5637, 5301, 5430, 5583, 5549, 5293, 5473, 5428, 5697, 5552, 5467, 5401, 5630, 5400, 5604, 5551, 5390, 5566, 5405, 5284, 5476, 5462, 5532, 5522, 5503, 5335, 5642, 5562, 5337 (5 hits)
31	9	1.0	333.0	Yes	5678.0MHz, -63.0dBm	Hop sequence: 5674, 5348, 5536, 5430, 5316, 5364, 5530, 5692, 5507, 5533, 5511, 5264, 5662, 5635, 5703, 5513, 5259, 5290, 5605, 5576, 5566, 5343, 5690, 5509, 5596, 5306, 5688, 5473, 5486, 5623, 5580, 5344, 5569, 5525, 5620, 5376, 5366, 5590, 5581, 5450, 5449, 5282, 5395, 5472, 5433, 5661, 5505, 5516, 5406, 5262, 5554, 5468, 5528, 5461, 5422, 5641, 5712, 5375, 5311, 5610, 5319, 5280, 5550, 5322, 5670, 5418, 5277, 5476, 5718, 5428, 5586, 5563, 5411, 5298, 5578, 5258, 5285, 5270, 5719, 5591, 5453, 5655, 5380, 5624, 5669, 5660, 5360, 5478, 5708, 5328, 5700, 5545, 5480, 5689, 5397, 5436, 5467, 5332, 5695, 5518 (10 hits)
32	9	1.0	333.0	Yes	5679.0MHz, -63.0dBm	Hop sequence: 5441, 5722, 5603, 5587, 5463, 5273, 5299, 5285, 5478, 5420, 5364, 5600, 5421, 5272, 5623, 5415, 5578, 5591, 5396, 5693, 5295, 5475, 5658, 5444, 5308, 5403, 5682, 5606,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5514, 5638, 5287, 5466, 5268, 5452, 5277, 5700, 5360, 5687, 5330, 5309, 5653, 5282, 5445, 5300, 5543, 5564, 5620, 5516, 5263, 5460, 5413, 5692, 5462, 5541, 5573, 5298, 5664, 5545, 5397, 5531, 5636, 5323, 5639, 5569, 5485, 5604, 5276, 5355, 5269, 5684, 5348, 5585, 5667, 5264, 5362, 5586, 5455, 5627, 5417, 5294, 5709, 5416, 5633, 5324, 5668, 5662, 5502, 5439, 5425, 5383, 5678, 5402, 5619, 5336, 5524, 5560, 5602, 5501, 5499, 5655 (11 hits)
33	9	1.0	333.0	Yes	5680.0MHz, -63.0dBm	Hop sequence: 5680, 5524, 5294, 5459, 5724, 5539, 5674, 5652, 5347, 5535, 5396, 5345, 5395, 5392, 5542, 5359, 5386, 5706, 5460, 5656, 5551, 5540, 5717, 5537, 5455, 5583, 5564, 5369, 5693, 5710, 5507, 5452, 5678, 5309, 5413, 5489, 5391, 5722, 5380, 5497, 5356, 5474, 5490, 5661, 5326, 5600, 5264, 5343, 5560, 5389, 5576, 5684, 5411, 5493, 5256, 5423, 5686, 5289, 5610, 5397, 5495, 5668, 5662, 5615, 5457, 5273, 5271, 5466, 5585, 5673, 5653, 5462, 5691, 5568, 5424, 5485, 5654, 5379, 5267, 5700, 5598, 5694, 5482, 5400, 5574, 5681, 5390, 5492, 5570, 5419, 5511, 5284, 5488, 5633, 5293, 5718, 5321, 5443, 5306, 5500 (14 hits)
34	9	1.0	333.0	Yes	5681.0MHz, -63.0dBm	Hop sequence: 5512, 5462, 5301, 5554, 5358, 5499, 5252, 5655, 5354, 5453, 5685, 5644, 5356, 5649, 5717, 5478, 5394, 5543, 5700, 5371, 5316, 5687, 5694, 5312, 5461, 5648, 5330, 5650, 5719, 5610, 5552, 5470, 5326, 5466, 5642, 5287, 5424, 5415, 5553, 5602, 5570, 5398, 5661, 5421, 5467, 5715, 5641, 5266, 5426, 5501, 5495, 5516, 5435, 5372, 5422, 5348, 5704, 5344, 5298, 5438, 5490, 5692, 5632, 5589, 5335, 5255, 5547, 5314, 5504, 5635, 5376, 5432, 5619, 5616, 5670, 5615, 5691, 5621, 5647, 5456, 5686, 5682, 5329, 5409, 5367, 5711, 5284, 5327, 5705, 5517, 5360, 5595, 5577,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5489, 5278, 5710, 5645, 5698, 5703, 5318 (8 hits)
35	9	1.0	333.0	Yes	5682.0MHz, -63.0dBm	Hop sequence: 5329, 5379, 5303, 5275, 5324, 5351, 5394, 5661, 5498, 5678, 5660, 5673, 5619, 5670, 5393, 5596, 5511, 5533, 5726, 5527, 5518, 5601, 5290, 5658, 5687, 5264, 5410, 5625, 5508, 5529, 5431, 5573, 5478, 5349, 5268, 5694, 5308, 5587, 5366, 5549, 5255, 5623, 5547, 5584, 5516, 5568, 5281, 5467, 5368, 5317, 5446, 5654, 5314, 5581, 5632, 5692, 5262, 5300, 5532, 5346, 5636, 5319, 5585, 5439, 5680, 5432, 5504, 5706, 5494, 5722, 5627, 5534, 5616, 5515, 5280, 5411, 5412, 5622, 5274, 5298, 5450, 5369, 5631, 5514, 5344, 5578, 5513, 5254, 5686, 5403, 5273, 5713, 5725, 5343, 5383, 5489, 5560, 5313, 5301, 5445 (10 hits)
36	9	1.0	333.0	Yes	5683.0MHz, -63.0dBm	Hop sequence: 5554, 5490, 5594, 5343, 5333, 5310, 5377, 5616, 5614, 5438, 5383, 5592, 5506, 5295, 5413, 5601, 5437, 5510, 5425, 5380, 5677, 5257, 5452, 5674, 5504, 5361, 5646, 5342, 5566, 5311, 5324, 5335, 5256, 5547, 5456, 5700, 5392, 5273, 5353, 5369, 5466, 5635, 5330, 5668, 5551, 5442, 5313, 5634, 5715, 5676, 5375, 5590, 5305, 5583, 5312, 5451, 5465, 5716, 5281, 5391, 5262, 5615, 5514, 5585, 5419, 5627, 5655, 5275, 5321, 5384, 5682, 5277, 5580, 5408, 5633, 5533, 5605, 5379, 5496, 5548, 5402, 5643, 5684, 5433, 5409, 5480, 5317, 5260, 5486, 5347, 5709, 5280, 5395, 5325, 5513, 5545, 5373, 5475, 5459, 5289 (7 hits)
37	9	1.0	333.0	Yes	5684.0MHz, -63.0dBm	Hop sequence: 5565, 5336, 5365, 5664, 5703, 5635, 5666, 5481, 5576, 5685, 5284, 5554, 5419, 5546, 5309, 5320, 5257, 5667, 5520, 5610, 5702, 5692, 5332, 5579, 5662, 5582, 5566, 5612, 5358, 5315, 5422, 5291, 5570, 5717, 5260, 5663, 5433, 5651, 5508, 5420, 5597, 5269, 5338, 5273, 5496, 5431, 5448, 5649, 5505, 5517, 5406, 5629, 5429,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5553, 5474, 5342, 5509, 5262, 5252, 5251, 5308, 5362, 5463, 5435, 5353, 5278, 5671, 5304, 5443, 5571, 5713, 5270, 5628, 5374, 5676, 5403, 5643, 5400, 5706, 5351, 5303, 5343, 5632, 5637, 5393, 5318, 5707, 5518, 5411, 5573, 5653, 5721, 5689, 5642, 5462, 5258, 5696, 5439, 5507, 5456 (11 hits)
38	9	1.0	333.0	Yes	5685.0MHz, -63.0dBm	Hop sequence: 5607, 5534, 5535, 5464, 5694, 5615, 5472, 5523, 5463, 5339, 5338, 5493, 5631, 5509, 5524, 5525, 5369, 5486, 5569, 5579, 5488, 5315, 5490, 5378, 5280, 5275, 5479, 5612, 5297, 5584, 5665, 5459, 5410, 5401, 5362, 5698, 5397, 5549, 5661, 5444, 5655, 5316, 5690, 5720, 5252, 5647, 5573, 5363, 5621, 5624, 5251, 5679, 5411, 5270, 5309, 5585, 5289, 5702, 5546, 5699, 5299, 5723, 5277, 5283, 5379, 5651, 5630, 5680, 5543, 5468, 5267, 5266, 5452, 5528, 5583, 5484, 5304, 5407, 5334, 5487, 5377, 5713, 5572, 5346, 5483, 5398, 5541, 5419, 5634, 5372, 5291, 5409, 5638, 5497, 5644, 5308, 5648, 5512, 5522, 5719 (7 hits)
39	9	1.0	333.0	Yes	5686.0MHz, -63.0dBm	Hop sequence: 5362, 5294, 5529, 5423, 5606, 5298, 5387, 5701, 5555, 5568, 5497, 5569, 5648, 5279, 5647, 5416, 5662, 5306, 5354, 5297, 5452, 5551, 5434, 5471, 5590, 5386, 5262, 5714, 5490, 5656, 5707, 5411, 5365, 5275, 5364, 5376, 5270, 5314, 5631, 5548, 5289, 5326, 5336, 5281, 5642, 5269, 5637, 5492, 5448, 5408, 5524, 5681, 5697, 5617, 5309, 5700, 5596, 5263, 5288, 5331, 5505, 5658, 5545, 5385, 5508, 5509, 5679, 5539, 5587, 5629, 5487, 5594, 5620, 5537, 5630, 5313, 5616, 5468, 5687, 5296, 5265, 5315, 5540, 5461, 5678, 5264, 5474, 5623, 5304, 5597, 5644, 5503, 5442, 5485, 5439, 5558, 5348, 5349, 5554, 5614 (7 hits)
40	9	1.0	333.0	Yes	5687.0MHz, -63.0dBm	Hop sequence: 5448, 5545, 5614, 5712, 5478, 5511, 5426, 5482, 5399, 5553, 5608, 5445, 5400,

Table 50 - FCC frequency hopping radar (Type 6) Results HT40plus

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5512, 5409, 5395, 5530, 5632, 5505, 5638, 5534, 5427, 5381, 5373, 5470, 5703, 5335, 5671, 5287, 5348, 5615, 5690, 5299, 5693, 5524, 5314, 5329, 5417, 5684, 5351, 5324, 5695, 5439, 5542, 5315, 5300, 5459, 5346, 5722, 5522, 5271, 5384, 5580, 5347, 5657, 5438, 5331, 5325, 5278, 5281, 5701, 5361, 5358, 5652, 5699, 5640, 5650, 5414, 5286, 5295, 5715, 5641, 5697, 5624, 5276, 5643, 5661, 5262, 5357, 5664, 5471, 5406, 5333, 5501, 5573, 5403, 5365, 5503, 5436, 5455, 5561, 5418, 5590, 5423, 5644, 5472, 5269, 5297, 5531, 5700 (8 hits)
41	9	1.0	333.0	Yes	5688.0MHz, -63.0dBm	Hop sequence: 5431, 5482, 5642, 5562, 5589, 5531, 5511, 5608, 5315, 5449, 5416, 5363, 5691, 5491, 5312, 5356, 5625, 5708, 5290, 5518, 5505, 5554, 5478, 5662, 5414, 5409, 5624, 5380, 5553, 5724, 5462, 5671, 5667, 5503, 5638, 5250, 5508, 5523, 5429, 5403, 5468, 5253, 5384, 5489, 5499, 5430, 5532, 5726, 5506, 5353, 5267, 5587, 5472, 5261, 5584, 5318, 5350, 5718, 5540, 5420, 5609, 5477, 5373, 5594, 5526, 5466, 5551, 5544, 5520, 5717, 5448, 5588, 5488, 5389, 5452, 5644, 5713, 5269, 5368, 5550, 5427, 5289, 5455, 5714, 5391, 5676, 5576, 5361, 5362, 5649, 5469, 5396, 5595, 5357, 5272, 5367, 5580, 5650, 5605, 5323 (5 hits)

Table 51 - Long Sequence Waveform Summary HT40plus

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5670.0MHz, -63.0dBm
Trial #2	Detected	5665.0MHz, -63.0dBm
Trial #3	Detected	5660.0MHz, -63.0dBm
Trial #4	Detected	5655.0MHz, -63.0dBm
Trial #5	Detected	5685.0MHz, -63.0dBm
Trial #6	Detected	5680.0MHz, -63.0dBm
Trial #7	Detected	5675.0MHz, -63.0dBm
Trial #8	Detected	5670.0MHz, -63.0dBm
Trial #9	Detected	5665.0MHz, -63.0dBm
Trial #10	Detected	5660.0MHz, -63.0dBm
Trial #11	Detected	5655.0MHz, -63.0dBm

Table 51 - Long Sequence Waveform Summary HT40plus

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #12	Detected	5685.0MHz, -63.0dBm
Trial #13	Detected	5680.0MHz, -63.0dBm
Trial #14	Detected	5675.0MHz, -63.0dBm
Trial #15	Detected	5670.0MHz, -63.0dBm
Trial #16	Detected	5665.0MHz, -63.0dBm
Trial #17	Detected	5660.0MHz, -63.0dBm
Trial #18	Detected	5655.0MHz, -63.0dBm
Trial #19	Detected	5685.0MHz, -63.0dBm
Trial #20	Detected	5680.0MHz, -63.0dBm
Trial #21	Detected	5675.0MHz, -63.0dBm
Trial #22	Detected	5670.0MHz, -63.0dBm
Trial #23	Detected	5665.0MHz, -63.0dBm
Trial #24	Detected	5660.0MHz, -63.0dBm
Trial #25	Detected	5655.0MHz, -63.0dBm
Trial #26	Detected	5685.0MHz, -63.0dBm
Trial #27	Detected	5680.0MHz, -63.0dBm
Trial #28	Detected	5675.0MHz, -63.0dBm
Trial #29	Detected	5670.0MHz, -63.0dBm
Trial #30	Detected	5665.0MHz, -63.0dBm

Table 52 - HT40plus Long Sequence Waveform Trial#1 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.3	9	1677.0	-	0.547926
2	2	86.5	17	1243.0	-	1.035291
3	2	80.4	17	1386.0	-	1.415460
4	3	91.9	15	1981.0	1934.0	2.027147
5	3	56.1	5	1052.0	1634.0	2.870298
6	1	81.5	8	-	-	3.240099
7	3	58.2	9	1879.0	1632.0	4.014812
8	2	88.6	17	1146.0	-	4.488503
9	2	55.0	18	1418.0	-	5.106195
10	2	50.2	16	1082.0	-	5.611614
11	2	78.9	20	1947.0	-	6.584427
12	3	56.8	15	1316.0	1690.0	6.720488
13	2	75.0	17	1519.0	-	7.525497
14	3	79.0	18	1728.0	1346.0	8.269211
15	3	98.6	7	1094.0	1964.0	8.653350
16	2	85.5	19	1134.0	-	9.028035
17	1	59.6	7	-	-	10.132675
18	2	89.2	15	1075.0	-	10.336266
19	1	78.5	9	-	-	10.977070
20	3	67.1	6	1791.0	1196.0	11.691854

Table 53 - HT40plus 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	1	84.4	5	-	-	1.089228
2	1	70.8	18	-	-	2.469869
3	2	58.6	14	1462.0	-	2.896698
4	2	77.0	17	1106.0	-	4.547466

Table 53 - HT40plus 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)
5	3	68.7	11	1076.0	1254.0	6.640977
6	2	84.9	17	1545.0	-	6.709674
7	2	92.1	15	1021.0	-	8.049340
8	3	89.9	12	1062.0	1526.0	9.950675
9	1	75.7	20	-	-	10.890649

Table 54 - HT40plus 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	54.2	9	-	-	0.369624
2	1	70.1	18	-	-	2.202485
3	2	58.2	9	1194.0	-	3.572521
4	2	80.4	10	1290.0	-	4.446007
5	2	74.9	8	1095.0	-	6.540543
6	1	71.3	7	-	-	7.031656
7	2	78.8	6	1983.0	-	8.594939
8	2	77.0	20	1691.0	-	10.489534
9	1	68.2	16	-	-	11.239331

Table 55 - HT40plus 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	76.6	10	-	-	0.770214
2	2	86.7	9	1175.0	-	1.501233
3	3	51.5	11	1210.0	1889.0	2.098837
4	3	54.8	9	1122.0	1774.0	2.891213
5	2	84.9	20	1827.0	-	3.854757
6	1	53.7	19	-	-	4.929065
7	1	53.2	17	-	-	5.626239
8	1	56.0	11	-	-	6.559148
9	3	59.9	6	1340.0	1376.0	7.908945
10	3	58.9	13	1103.0	1210.0	8.309365
11	3	59.2	19	1947.0	1550.0	9.345625
12	3	75.5	16	1186.0	1334.0	10.858613
13	1	75.2	7	-	-	11.286308

Table 56 - HT40plus Long Sequence Waveform Trial#5 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.8	19	1873.0	1660.0	0.211641
2	1	94.7	19	-	-	1.654641
3	3	66.7	14	1417.0	1959.0	1.789105
4	2	75.4	10	1298.0	-	2.685919
5	2	51.6	10	1766.0	-	3.936463
6	2	72.1	8	1700.0	-	4.343372
7	2	73.1	11	1767.0	-	5.543948
8	1	90.3	8	-	-	6.819867
9	1	66.9	17	-	-	7.392716
10	2	71.2	12	1975.0	-	7.756522

Table 56 - HT40plus 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)
11	2	68.7	17	1994.0	-	9.412714
12	2	97.9	17	1784.0	-	9.704035
13	2	58.3	19	1709.0	-	10.933596
14	3	82.5	6	1125.0	1326.0	11.454618

Table 57 - HT40plus 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	3	90.0	11	1787.0	1770.0	0.273988
2	2	65.9	9	1209.0	-	0.788424
3	2	97.5	15	1518.0	-	1.720993
4	1	52.1	11	-	-	2.364272
5	1	79.2	17	-	-	2.833703
6	3	85.3	11	1669.0	1855.0	3.379607
7	2	76.4	7	1945.0	-	3.797651
8	2	72.1	15	1181.0	-	4.372139
9	1	88.4	14	-	-	4.843315
10	2	97.7	16	1080.0	-	5.981015
11	1	50.6	11	-	-	6.270379
12	2	93.6	17	1713.0	-	6.603377
13	2	62.3	15	1456.0	-	7.248784
14	3	82.8	10	1415.0	1386.0	8.173662
15	1	68.0	14	-	-	8.693467
16	1	88.8	10	-	-	9.496309
17	1	52.3	20	-	-	9.746192
18	3	62.2	14	1774.0	1063.0	10.212177
19	1	92.2	16	-	-	11.391739
20	3	72.1	18	1357.0	1840.0	11.432640

Table 58 - HT40plus 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	58.7	6	1998.0	-	0.730934
2	1	52.8	16	-	-	1.729339
3	2	74.5	7	1503.0	-	3.143204
4	2	91.4	14	1829.0	-	3.478786
5	2	99.7	10	1757.0	-	4.883788
6	3	60.5	7	1062.0	1934.0	6.522163
7	2	52.0	16	1033.0	-	6.814680
8	2	70.6	11	1494.0	-	7.853135
9	2	77.6	15	1569.0	-	8.840468
10	3	95.2	9	1487.0	1763.0	10.498234
11	2	89.6	12	1361.0	-	11.677763

Table 59 - HT40plus 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	66.6	15	1596.0	-	0.241986
2	3	89.7	6	1913.0	1732.0	0.857434

Table 59 - HT40plus 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)
3	3	89.7	17	1206.0	1440.0	2.226533
4	2	93.5	8	1437.0	-	3.317982
5	2	68.5	16	1029.0	-	3.992719
6	2	95.8	16	1033.0	-	4.497061
7	1	66.2	8	-	-	5.899391
8	1	89.8	14	-	-	6.403994
9	3	93.5	13	1505.0	1511.0	7.085148
10	3	89.2	9	1912.0	1227.0	8.485466
11	2	64.3	17	1130.0	-	8.779662
12	2	87.4	13	1533.0	-	9.987030
13	1	97.7	17	-	-	10.577951
14	2	60.4	9	1266.0	-	11.960955

Table 60 - HT40plus 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	76.2	9	1716.0	-	0.982417
2	2	67.7	14	1627.0	-	2.216092
3	3	68.3	7	1554.0	1443.0	3.924907
4	3	58.5	9	1477.0	1445.0	5.189103
5	2	50.9	14	1069.0	-	6.575340
6	2	70.3	5	1344.0	-	7.671199
7	2	64.7	7	1708.0	-	10.129205
8	2	91.3	6	1078.0	-	10.691070

Table 61 - HT40plus Long Sequence Waveform Trial#10 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	74.5	10	1852.0	1034.0	0.131599
2	1	58.8	15	-	-	1.090248
3	2	64.2	10	1087.0	-	1.880628
4	1	99.6	7	-	-	3.073238
5	3	51.0	14	1253.0	1462.0	3.462170
6	1	92.5	7	-	-	4.479868
7	3	58.2	15	1982.0	1301.0	5.343362
8	2	71.1	6	1053.0	-	5.769073
9	2	94.7	18	1805.0	-	6.958311
10	1	55.5	13	-	-	7.929539
11	2	64.9	10	1587.0	-	8.450984
12	2	63.8	15	1636.0	-	8.851008
13	2	62.7	6	1908.0	-	9.686015
14	2	71.2	10	1389.0	-	10.617443
15	1	96.3	15	-	-	11.990311

Table 62 - HT40plus 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	78.7	10	1624.0	1467.0	0.623267
2	2	59.7	19	1008.0	-	1.706589
3	2	80.9	9	1544.0	-	1.722075
4	2	69.5	14	1989.0	-	2.854039
5	2	56.0	10	1120.0	-	3.601007
6	1	90.6	10	-	-	4.693198
7	1	87.8	7	-	-	5.204596
8	1	80.0	20	-	-	6.636547
9	1	62.1	12	-	-	7.216743
10	2	69.2	11	1547.0	-	8.160291
11	3	79.0	9	1749.0	1514.0	8.641445
12	2	58.2	17	1397.0	-	9.687170
13	2	95.8	17	1036.0	-	11.135556
14	1	71.7	6	-	-	11.471500

Table 63 - HT40plus 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	96.4	6	1324.0	-	0.436993
2	1	59.5	10	-	-	1.887709
3	1	81.8	9	-	-	3.189409
4	1	74.9	6	-	-	4.900396
5	1	99.9	10	-	-	5.538096
6	2	99.3	6	1943.0	-	7.123202
7	2	70.8	16	1791.0	-	9.149469
8	2	86.8	14	1223.0	-	10.230411
9	3	77.8	13	1408.0	1292.0	10.866258

Table 64 - HT40plus 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	59.3	13	1749.0	-	0.279324
2	2	86.8	8	1226.0	-	1.092248
3	2	62.0	18	1165.0	-	1.299228
4	3	73.5	16	1376.0	1243.0	2.176635
5	1	77.2	7	-	-	2.562099
6	2	66.1	9	1023.0	-	3.200554
7	1	76.2	10	-	-	3.725535
8	1	52.3	16	-	-	4.529434
9	3	99.8	16	1030.0	1651.0	5.278379
10	2	60.7	16	1053.0	-	5.987715
11	2	61.3	9	1642.0	-	6.187083
12	2	56.5	9	1121.0	-	7.010461
13	3	66.7	11	1782.0	1174.0	7.549948
14	3	67.2	18	1618.0	1943.0	7.888082
15	3	88.4	19	1230.0	1399.0	8.548642
16	2	90.1	9	1750.0	-	9.456714
17	2	79.5	8	1817.0	-	9.809500
18	1	62.0	10	-	-	10.331124

Table 64 - HT40plus 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)
19	2	95.7	15	1176.0	-	11.373901
20	3	92.9	8	1985.0	1303.0	11.833549

Table 65 - HT40plus 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	91.7	12	-	-	0.820933
2	1	97.2	7	-	-	2.267209
3	2	62.9	11	1135.0	-	3.281237
4	2	83.7	17	1543.0	-	3.700185
5	2	96.7	11	1105.0	-	5.900971
6	2	82.4	14	1836.0	-	7.069302
7	2	68.5	19	1702.0	-	7.605907
8	1	96.9	19	-	-	9.014378
9	2	68.7	20	1082.0	-	10.428993
10	2	53.1	12	1321.0	-	11.257206

Table 66 - HT40plus 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	85.9	11	1479.0	-	0.679191
2	2	51.3	18	1528.0	-	1.364501
3	2	95.1	16	1151.0	-	2.393417
4	2	98.1	13	1382.0	-	2.904374
5	3	69.9	10	1506.0	1689.0	3.692889
6	1	99.4	19	-	-	4.098053
7	2	65.1	10	1650.0	-	5.513340
8	3	51.5	8	1064.0	1347.0	6.311446
9	1	78.9	16	-	-	6.879660
10	1	68.5	6	-	-	7.877496
11	3	77.6	16	1929.0	1335.0	8.414094
12	1	71.3	15	-	-	9.360961
13	1	55.7	15	-	-	10.063531
14	2	98.9	18	1588.0	-	10.421709
15	3	89.3	20	1622.0	1726.0	11.568918

Table 67 - HT40plus 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	3	82.0	12	1668.0	1449.0	0.178590
2	2	96.9	18	1054.0	-	1.506053
3	3	84.9	13	1190.0	1180.0	2.553861
4	2	84.2	11	1705.0	-	4.000743
5	2	77.6	17	1965.0	-	5.969549
6	3	62.0	9	1758.0	1958.0	6.437612
7	2	82.9	7	1844.0	-	7.520989
8	2	97.7	14	1414.0	-	8.807595
9	1	74.9	9	-	-	10.291228
10	2	83.8	5	1397.0	-	10.985413

Table 68 - HT40plus 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	3	61.8	5	1650.0	1610.0	0.541624
2	3	78.8	10	1819.0	1019.0	1.485508
3	2	52.3	6	1395.0	-	1.837369
4	2	64.5	11	1206.0	-	2.355684
5	1	85.4	15	-	-	3.420882
6	1	67.9	14	-	-	4.282890
7	2	92.0	7	1468.0	-	4.759536
8	3	86.4	19	1105.0	1903.0	5.343697
9	1	63.0	13	-	-	6.525344
10	3	81.7	19	1615.0	1893.0	6.813237
11	2	80.8	7	1130.0	-	7.518061
12	1	80.3	18	-	-	8.591174
13	1	97.8	18	-	-	9.466209
14	3	74.6	15	1453.0	1942.0	9.786716
15	1	70.0	18	-	-	11.113162
16	3	71.2	11	1650.0	1981.0	11.318937

Table 69 - HT40plus Long Sequence Waveform Trial#18 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.6	9	1621.0	-	1.041772
2	3	57.7	10	1460.0	1380.0	1.721889
3	2	98.5	6	1371.0	-	3.440377
4	2	90.5	11	1010.0	-	4.424486
5	2	61.4	19	1015.0	-	5.792042
6	2	67.6	12	1508.0	-	6.272067
7	3	71.6	15	1260.0	1704.0	7.282296
8	3	83.7	11	1913.0	1698.0	8.939702
9	2	56.0	10	1192.0	-	10.174993
10	2	54.1	9	1186.0	-	11.708043

Table 70 - HT40plus Long Sequence Waveform Trial#19 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	66.4	19	1663.0	1665.0	0.714848
2	1	61.5	15	-	-	1.412207
3	2	65.5	15	1367.0	-	2.015326
4	3	92.4	18	1742.0	1368.0	2.597324
5	2	62.9	9	1456.0	-	3.231105
6	1	90.7	17	-	-	3.761107
7	2	50.8	17	1592.0	-	4.917056
8	2	64.0	9	1567.0	-	5.593825
9	1	93.8	14	-	-	6.423480
10	2	54.3	19	1237.0	-	7.090739
11	1	57.7	15	-	-	7.782902
12	3	85.4	6	1657.0	1351.0	8.618110
13	2	62.0	6	1942.0	-	9.344541
14	2	84.1	19	1093.0	-	10.301448
15	3	63.3	16	1575.0	1900.0	11.233786

Table 70 - HT40plus 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)
16	3	88.0	17	1512.0	1660.0	11.616976

Table 71 - HT40plus 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	60.2	19	-	-	0.208469
2	2	75.7	13	1810.0	-	0.945014
3	1	92.6	10	-	-	2.096563
4	3	53.3	14	1803.0	1778.0	3.457485
5	2	57.3	18	1435.0	-	4.217609
6	2	78.9	7	1798.0	-	5.441534
7	2	58.2	18	1986.0	-	5.664871
8	2	51.1	5	1450.0	-	6.844375
9	2	72.4	10	1253.0	-	7.671979
10	3	96.8	16	1454.0	1303.0	8.642140
11	2	90.7	15	1177.0	-	10.049514
12	3	99.9	12	1725.0	1383.0	10.780734
13	2	58.3	12	1062.0	-	11.103358

Table 72 - HT40plus Long Sequence Waveform Trial#21 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.1	11	1314.0	-	0.648864
2	1	51.8	8	-	-	0.751420
3	2	81.7	7	1092.0	-	1.995119
4	2	60.1	17	1227.0	-	2.736663
5	2	93.2	19	1517.0	-	3.019377
6	3	58.0	5	1657.0	1458.0	4.099554
7	1	56.0	19	-	-	4.434613
8	2	69.5	17	1296.0	-	4.960538
9	2	89.7	12	1600.0	-	6.192121
10	2	93.7	9	1944.0	-	6.893874
11	2	64.9	6	1664.0	-	7.430630
12	1	85.0	11	-	-	8.043839
13	2	60.9	17	1089.0	-	8.497202
14	1	93.3	7	-	-	9.659283
15	2	99.9	9	1891.0	-	10.460601
16	3	80.9	19	1200.0	1462.0	10.838806
17	2	77.2	10	1114.0	-	11.534409

Table 73 - HT40plus Long Sequence Waveform Trial#22 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.9	5	1853.0	-	0.326705
2	3	64.0	6	1267.0	1807.0	1.408520
3	3	99.3	7	1234.0	1743.0	1.586528
4	3	53.5	15	1838.0	1444.0	2.950589
5	2	56.2	16	1784.0	-	3.059388
6	1	71.5	16	-	-	3.920937

Table 73 - HT40plus 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)
7	3	73.9	14	1261.0	1079.0	4.902264
8	1	75.8	5	-	-	5.926152
9	2	52.3	20	1517.0	-	6.046817
10	2	74.3	16	1613.0	-	7.198189
11	2	81.6	17	1437.0	-	7.866315
12	1	89.2	16	-	-	8.900706
13	1	78.4	14	-	-	9.435173
14	3	74.8	12	1697.0	1301.0	9.985132
15	3	68.8	14	1159.0	1076.0	10.858739
16	3	74.5	18	1320.0	1100.0	11.363330

Table 74 - HT40plus 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	1	51.3	12	-	-	0.316041
2	1	85.4	15	-	-	1.227590
3	2	69.3	5	1351.0	-	1.558692
4	2	60.4	5	1163.0	-	2.155528
5	1	93.6	17	-	-	3.222463
6	2	60.3	7	1841.0	-	3.801071
7	2	91.1	13	1179.0	-	4.343226
8	2	98.3	12	1970.0	-	4.864201
9	3	79.0	15	1303.0	1517.0	5.525974
10	3	89.4	14	1729.0	1589.0	6.491485
11	2	83.2	5	1379.0	-	7.087537
12	2	80.1	15	1129.0	-	7.786959
13	1	82.8	9	-	-	8.268806
14	2	75.0	11	1576.0	-	9.186697
15	1	87.5	12	-	-	9.728013
16	1	80.7	13	-	-	10.664958
17	2	77.0	11	1442.0	-	10.830296
18	1	97.2	13	-	-	11.479329

Table 75 - HT40plus 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	2	95.2	17	1073.0	-	0.487038
2	1	71.5	17	-	-	1.389231
3	1	63.1	14	-	-	2.234256
4	1	71.1	11	-	-	2.358458
5	1	72.9	15	-	-	3.113524
6	3	89.7	8	1938.0	1690.0	4.186724
7	2	82.9	19	1598.0	-	4.764301
8	2	88.7	8	1740.0	-	5.618675
9	2	59.0	16	1914.0	-	6.593726
10	3	68.9	6	1749.0	1014.0	7.385735
11	1	76.4	15	-	-	7.797313
12	1	76.4	13	-	-	8.549388
13	1	72.8	11	-	-	9.732431
14	1	58.6	10	-	-	10.052513

Table 75 - HT40plus 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)
15	2	95.7	18	1420.0	-	11.223496
16	2	97.4	16	1979.0	-	11.516296

Table 76 - HT40plus Long Sequence Waveform Trial#25 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.9	13	1288.0	-	0.973026
2	1	92.6	6	-	-	1.503303
3	3	66.7	13	1421.0	1557.0	2.505365
4	1	77.3	11	-	-	3.881733
5	2	75.5	10	1336.0	-	4.638908
6	1	59.2	11	-	-	5.470551
7	3	50.5	19	1803.0	1078.0	6.983837
8	2	93.9	14	1805.0	-	8.074303
9	3	96.8	18	1984.0	1522.0	9.758007
10	3	99.9	11	1166.0	1904.0	9.913385
11	3	90.2	16	1097.0	1089.0	11.788326

Table 77 - HT40plus 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	1	57.0	13	-	-	0.097858
2	1	92.2	14	-	-	1.621092
3	3	62.3	16	1737.0	1475.0	3.701573
4	2	59.1	16	1883.0	-	4.939845
5	1	86.3	6	-	-	5.516907
6	3	59.5	20	1067.0	1529.0	7.099725
7	2	61.1	11	1114.0	-	8.011815
8	3	77.2	10	1346.0	1300.0	9.538571
9	2	64.3	16	1390.0	-	10.893477

Table 78 - HT40plus 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	53.3	18	1523.0	1592.0	0.491066
2	1	56.6	17	-	-	1.215240
3	2	54.7	7	1324.0	-	1.572011
4	3	67.9	9	1191.0	1942.0	2.417577
5	3	52.3	9	1139.0	1424.0	2.699456
6	3	91.7	17	1213.0	1354.0	3.797640
7	2	71.5	7	1306.0	-	4.006461
8	2	98.6	13	1620.0	-	4.825572
9	1	75.2	19	-	-	5.945938
10	2	55.6	5	1563.0	-	6.567364
11	3	52.8	18	1986.0	1681.0	7.185581
12	3	56.0	16	1372.0	1017.0	7.374334
13	3	79.3	17	1297.0	1652.0	8.004763
14	3	98.5	16	1772.0	1993.0	8.862100
15	2	85.4	20	1324.0	-	9.422279

Table 78 - HT40plus 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)
16	2	64.2	11	1571.0	-	10.358905
17	2	62.4	16	1446.0	-	10.730811
18	3	64.9	18	1158.0	1468.0	11.707545

Table 79 - HT40plus Long Sequence Waveform Trial#28 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.4	20	1508.0	-	1.197672
2	2	78.8	15	2000.0	-	1.353596
3	3	83.7	14	1608.0	1407.0	3.187091
4	2	65.6	10	1848.0	-	4.133393
5	1	56.3	7	-	-	5.685736
6	1	76.6	13	-	-	7.667347
7	2	50.9	16	1565.0	-	8.061474
8	3	65.9	20	1246.0	1965.0	9.438018
9	2	70.7	18	1472.0	-	10.887345

Table 80 - HT40plus Long Sequence Waveform Trial#29 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	61.9	6	1225.0	1461.0	0.012199
2	2	80.6	12	1040.0	-	1.109389
3	3	83.6	8	1453.0	1975.0	1.622420
4	1	56.6	5	-	-	2.485209
5	1	81.6	7	-	-	3.378059
6	2	52.5	5	1320.0	-	3.752838
7	2	72.3	13	1989.0	-	5.204257
8	2	77.0	17	1926.0	-	5.860831
9	1	99.3	6	-	-	6.636893
10	3	61.4	18	1061.0	1965.0	6.952134
11	2	58.0	14	1293.0	-	7.752863
12	1	55.1	12	-	-	8.971386
13	1	64.2	9	-	-	9.668561
14	2	93.7	17	1441.0	-	9.782056
15	2	81.1	10	1671.0	-	11.041217
16	2	94.4	9	1423.0	-	11.551409

Table 81 - HT40plus 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	89.3	12	-	-	0.035524
2	3	50.1	6	1500.0	1025.0	1.133787
3	3	72.0	16	1964.0	1552.0	1.571891
4	3	82.9	9	1219.0	1709.0	2.696273
5	1	86.7	20	-	-	2.855096
6	3	96.8	7	1344.0	1523.0	4.035574
7	2	62.6	18	1629.0	-	4.414289
8	2	60.8	14	1474.0	-	5.487225
9	2	61.4	14	1148.0	-	5.944532

Table 81 - HT40plus 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)
10	3	79.8	8	1932.0	1238.0	6.431550
11	3	69.3	18	1470.0	1544.0	7.309828
12	2	82.2	11	1991.0	-	8.405594
13	2	78.5	7	1855.0	-	9.109419
14	2	87.8	6	1583.0	-	9.475589
15	1	71.8	16	-	-	9.904337
16	2	79.5	12	1269.0	-	11.054003
17	1	83.7	16	-	-	11.730356

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

Table 82 FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time ¹		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1 (HT20 mode)	5.72 ms	60 ms	893 ms	10 s	Pass
Radar Type 5 (HT20 mode)	0.0 ms	60 ms	0 s	10 s	Pass
Radar Type 1 (HT40 mode)	2.28 ms	60 ms	470 ms	10 s	Pass
Radar Type 5 (HT40 mode)	0.0 ms	60 ms	0 s	10 s	Pass

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

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

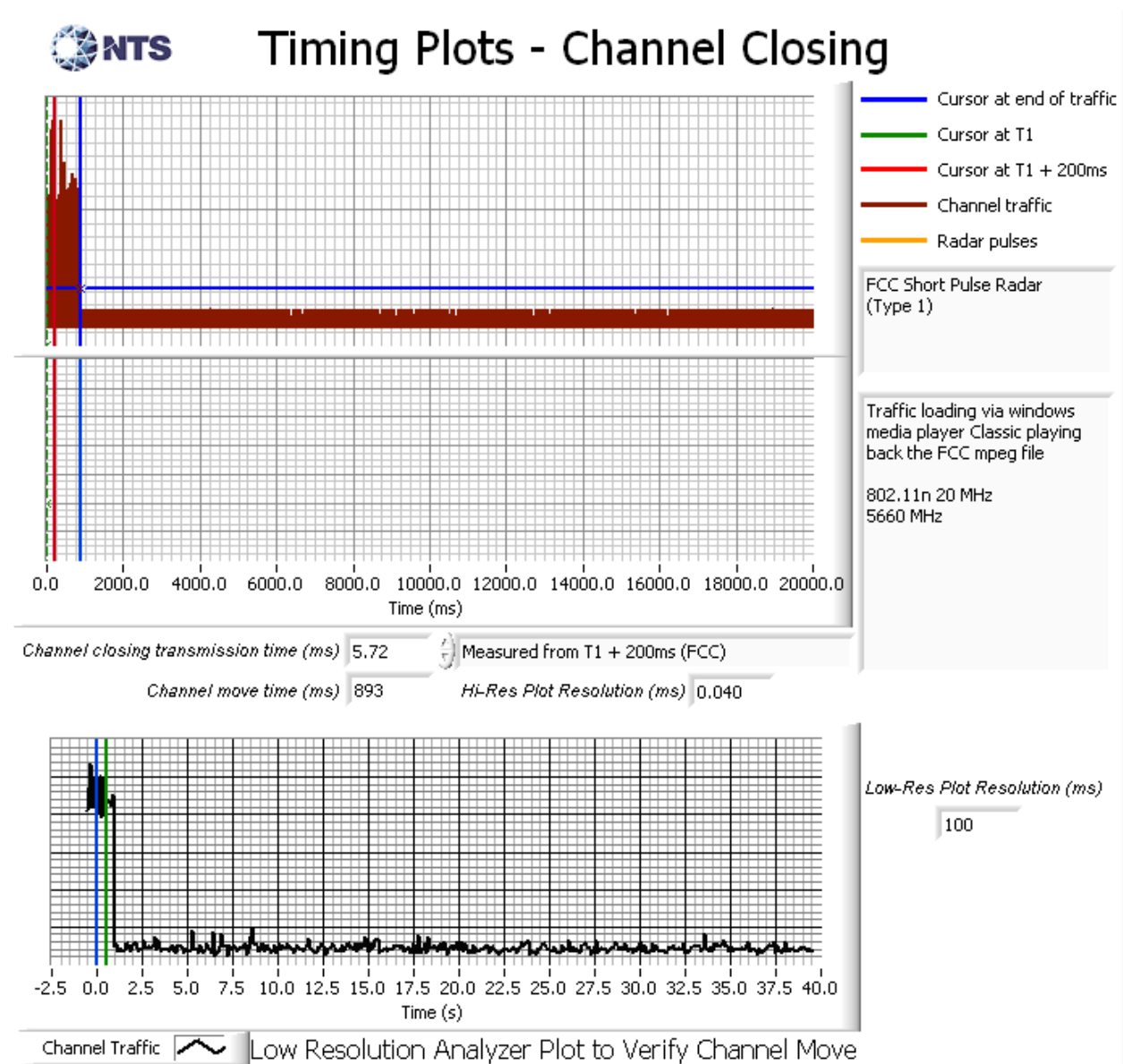


Figure 2 Channel Closing Time and Channel Move Time (HT20) – 40 second plot

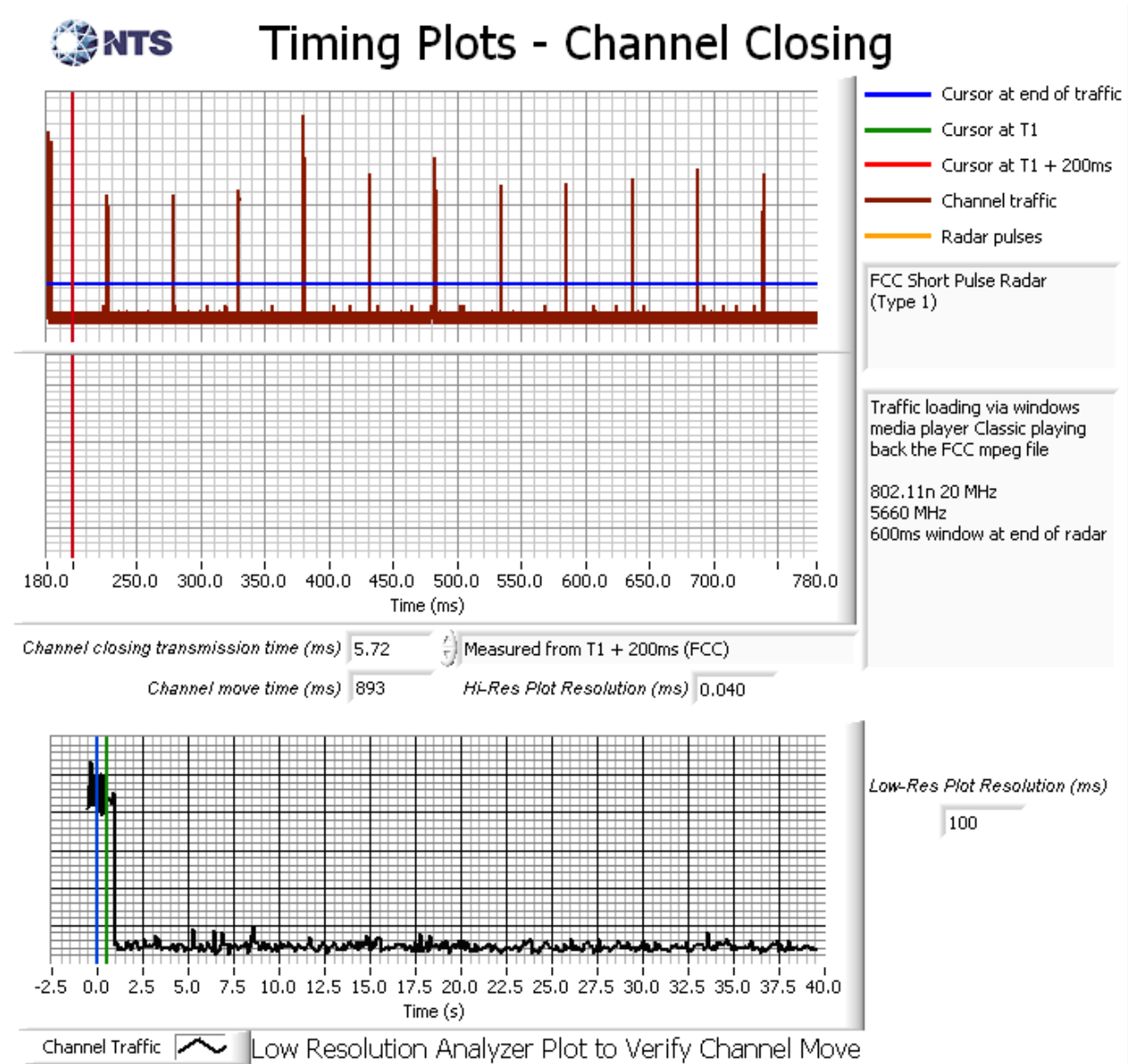


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

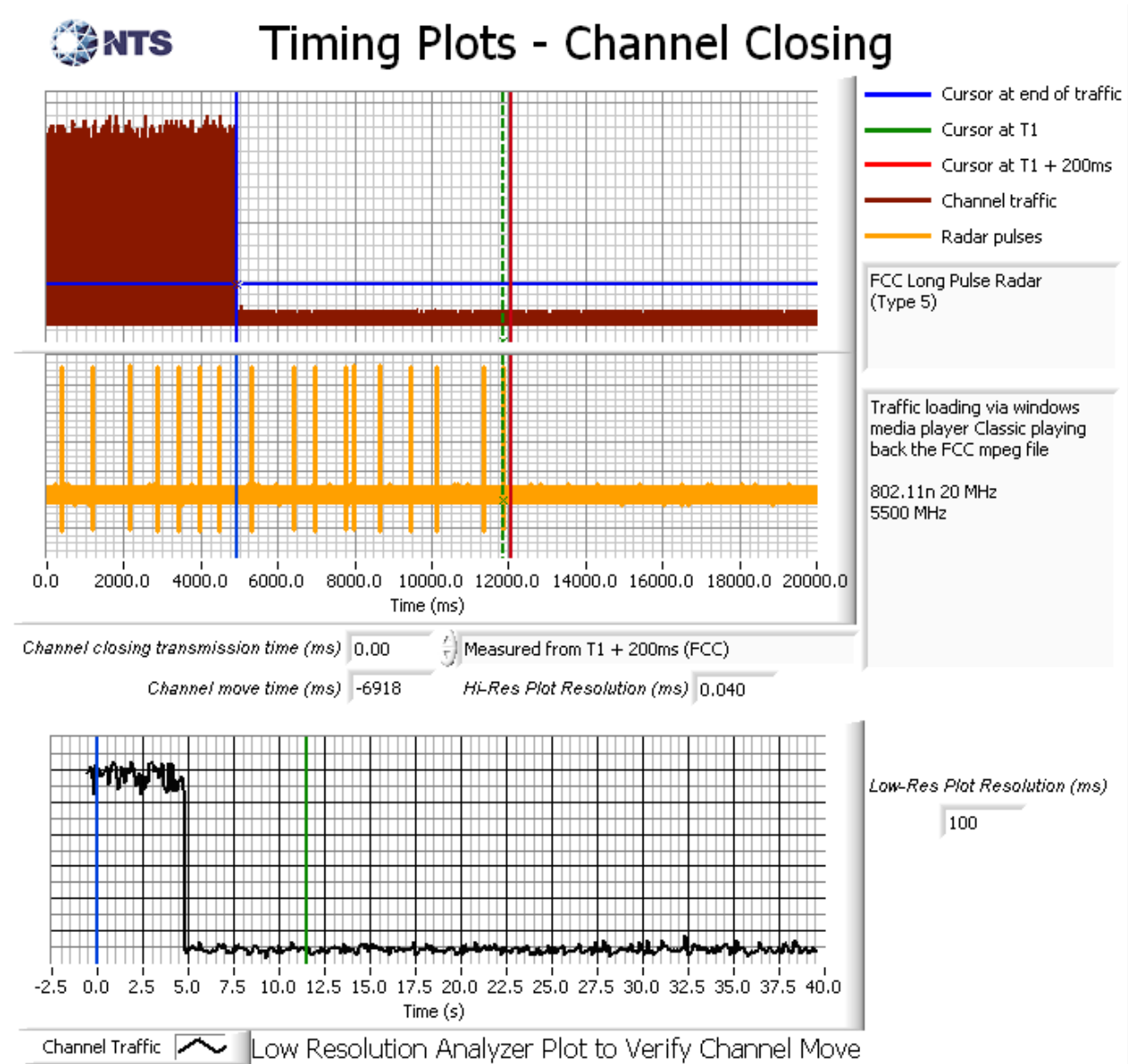


Figure 4 Channel Closing Time and Channel Move Time (HT20) – 40 second plot

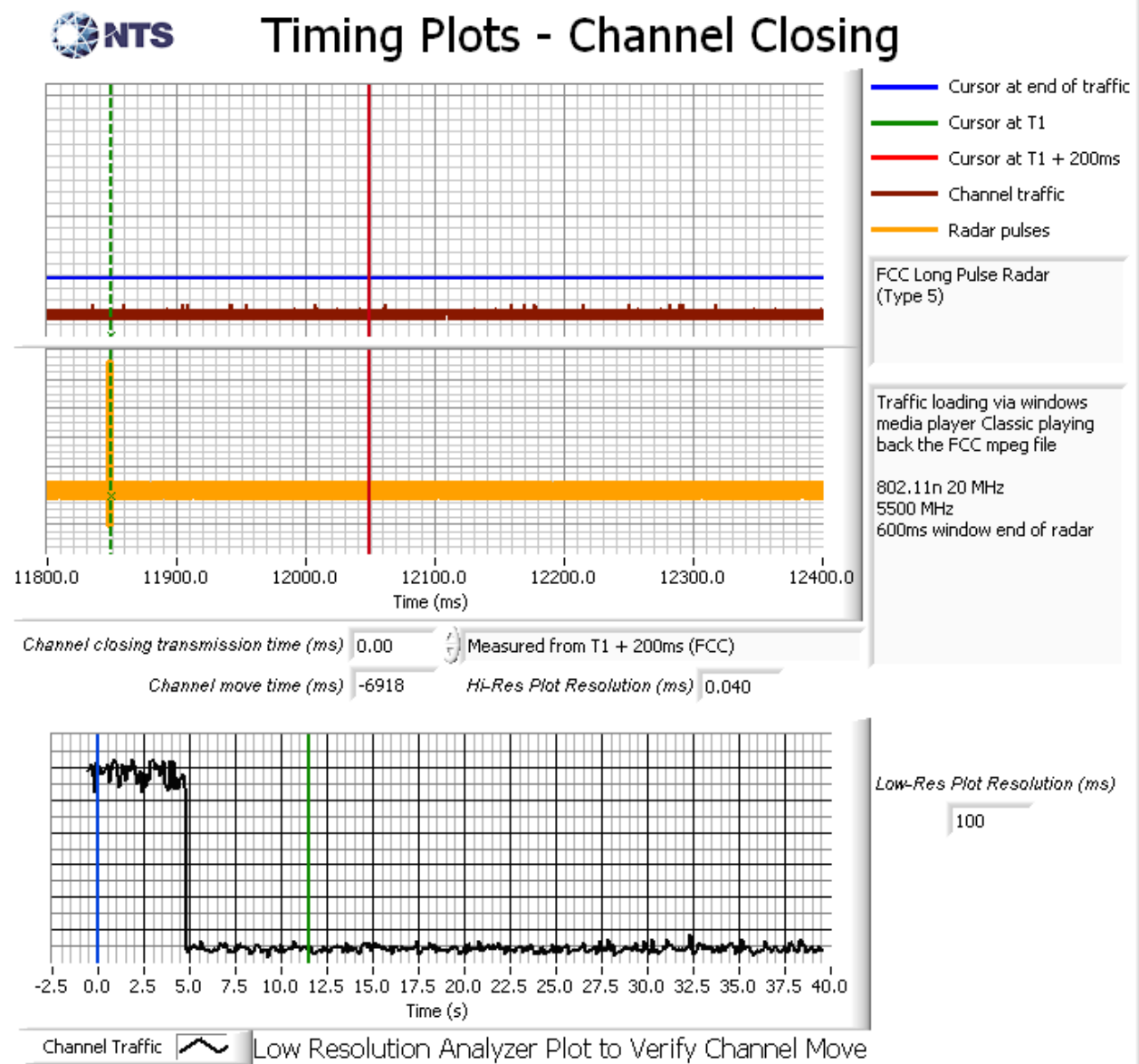


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

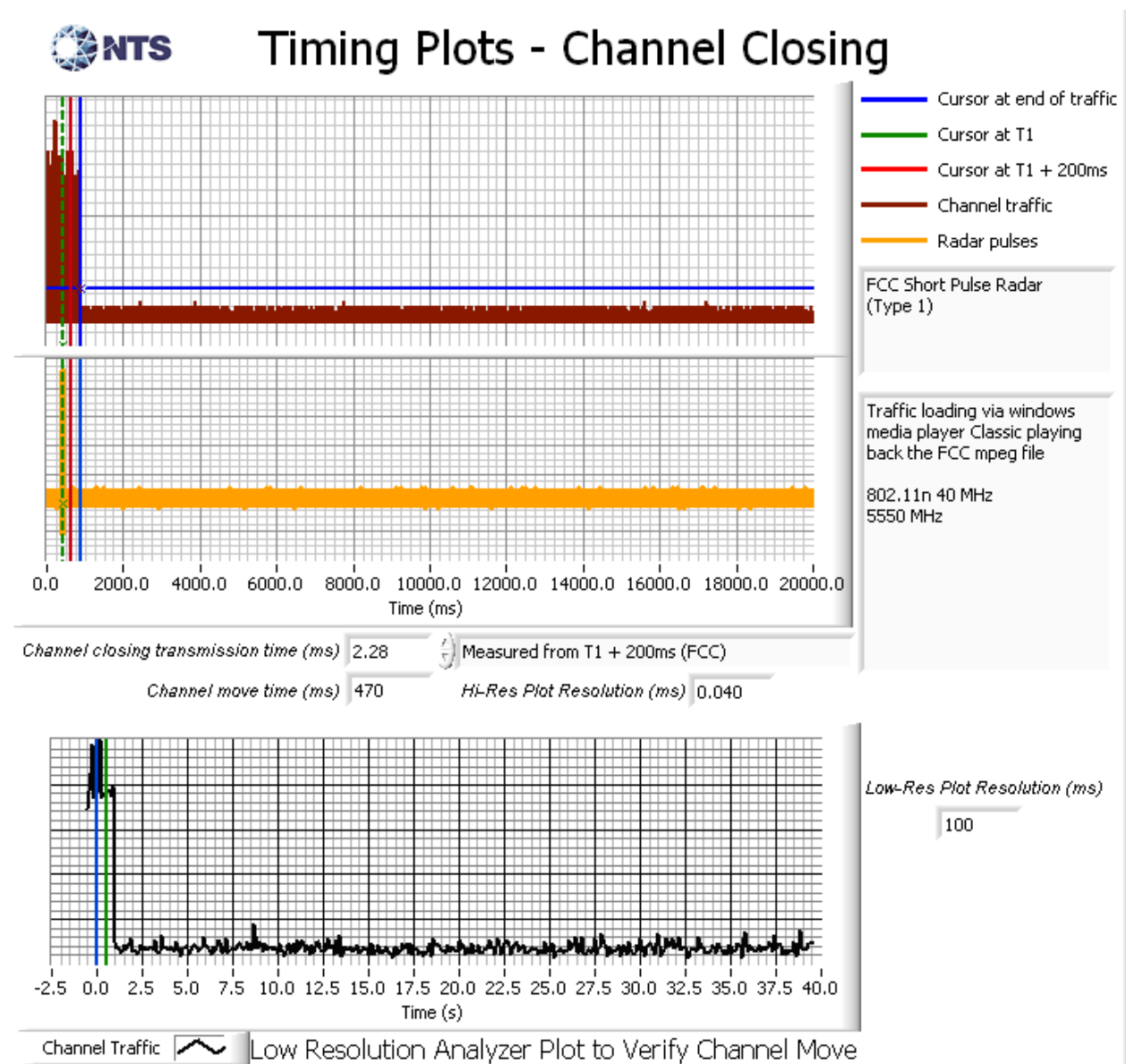
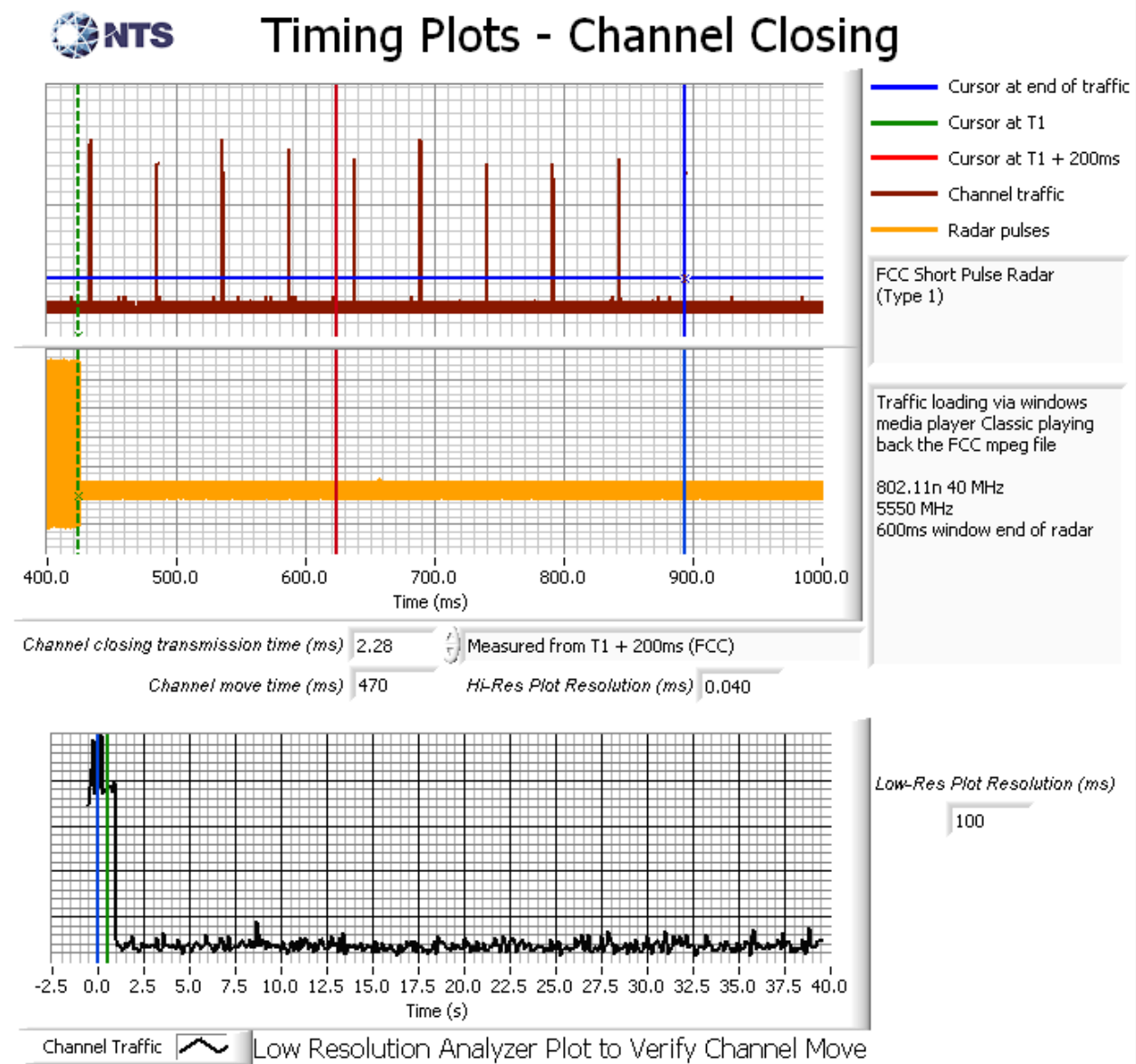


Figure 6 Channel Closing Time and Channel Move Time (HT40) – 40 second plot

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

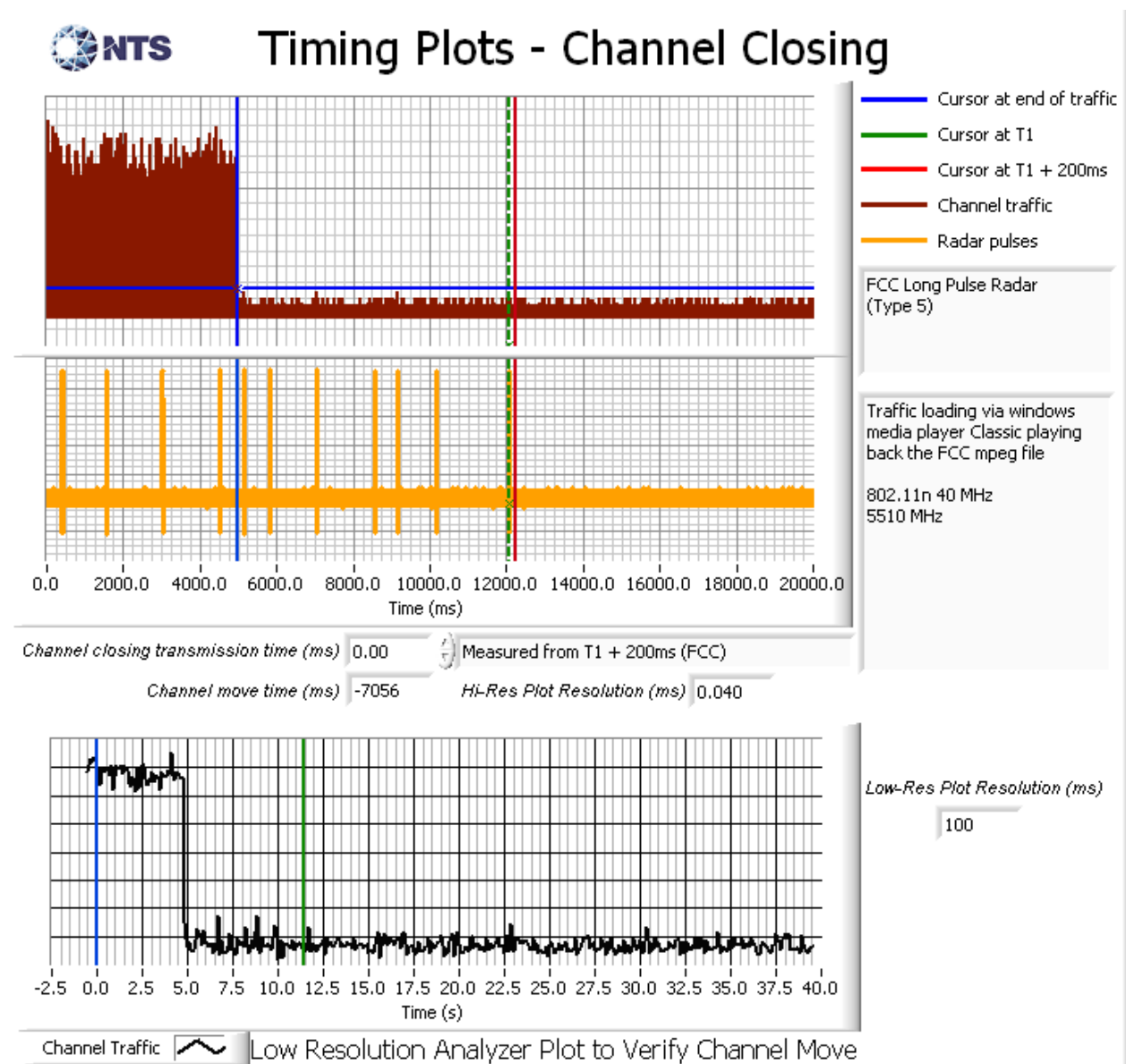
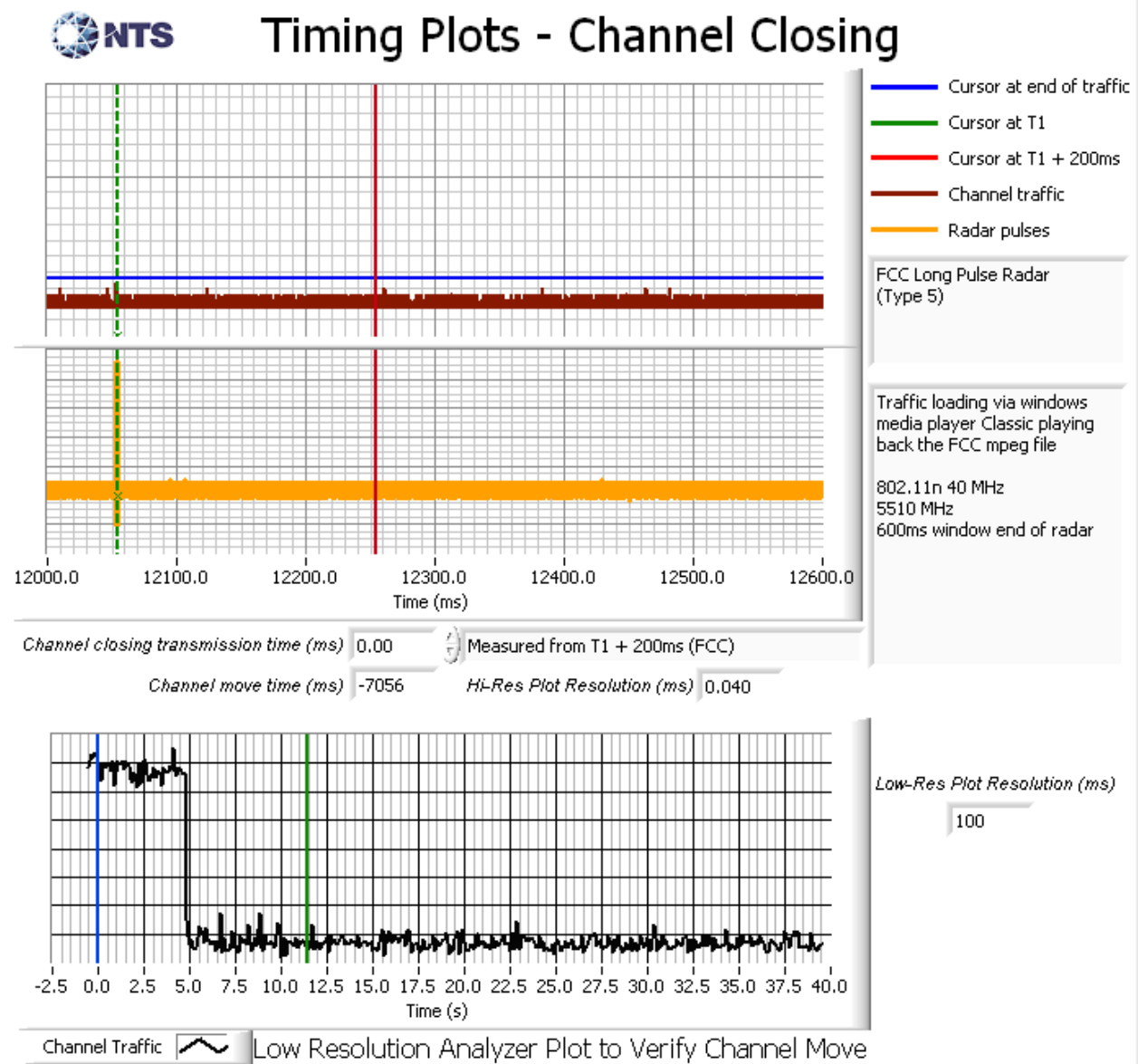


Figure 8 Channel Closing Time and Channel Move Time (HT40) – 40 second plot

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

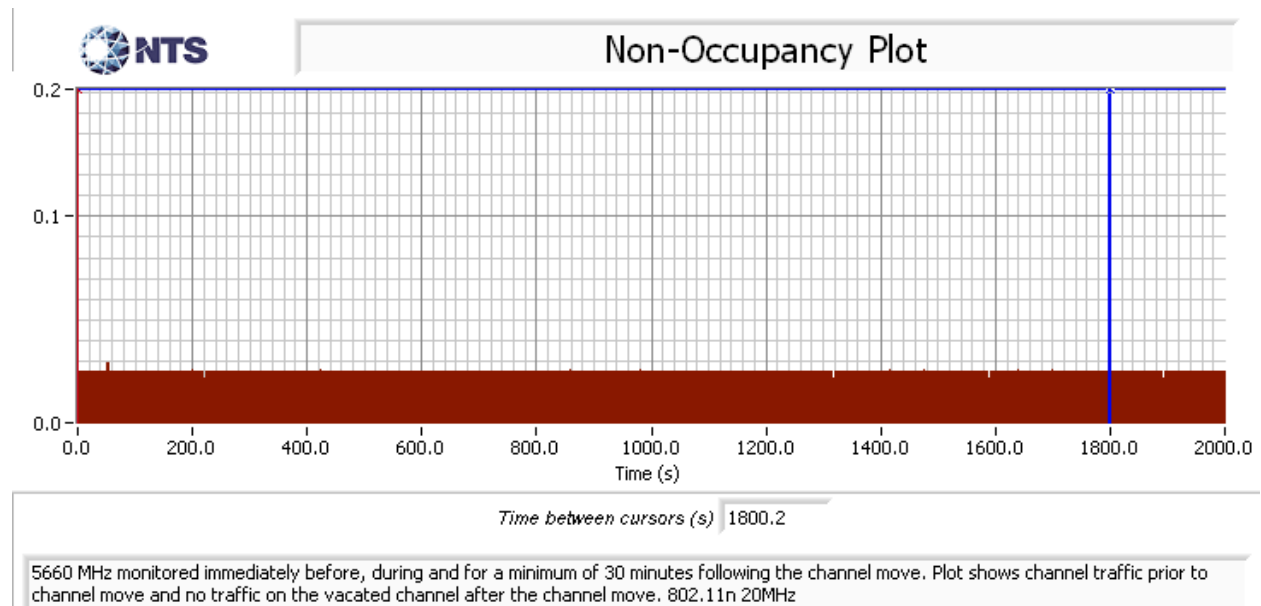


Figure 10 Radar Channel Non-Occupancy Plot (HT20)

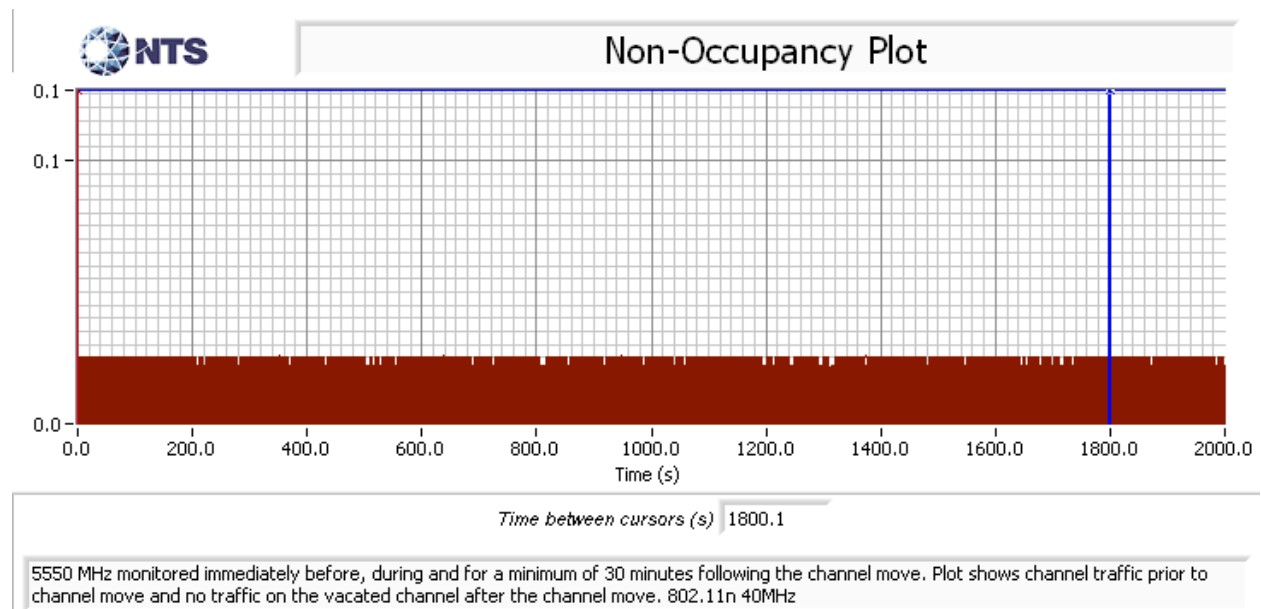


Figure 11 Radar Channel Non-Occupancy Plot (HT40)

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

Appendix D Test Data – Channel Availability Check**5250- 5350 MHz, 5470 – 5725 MHz**

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

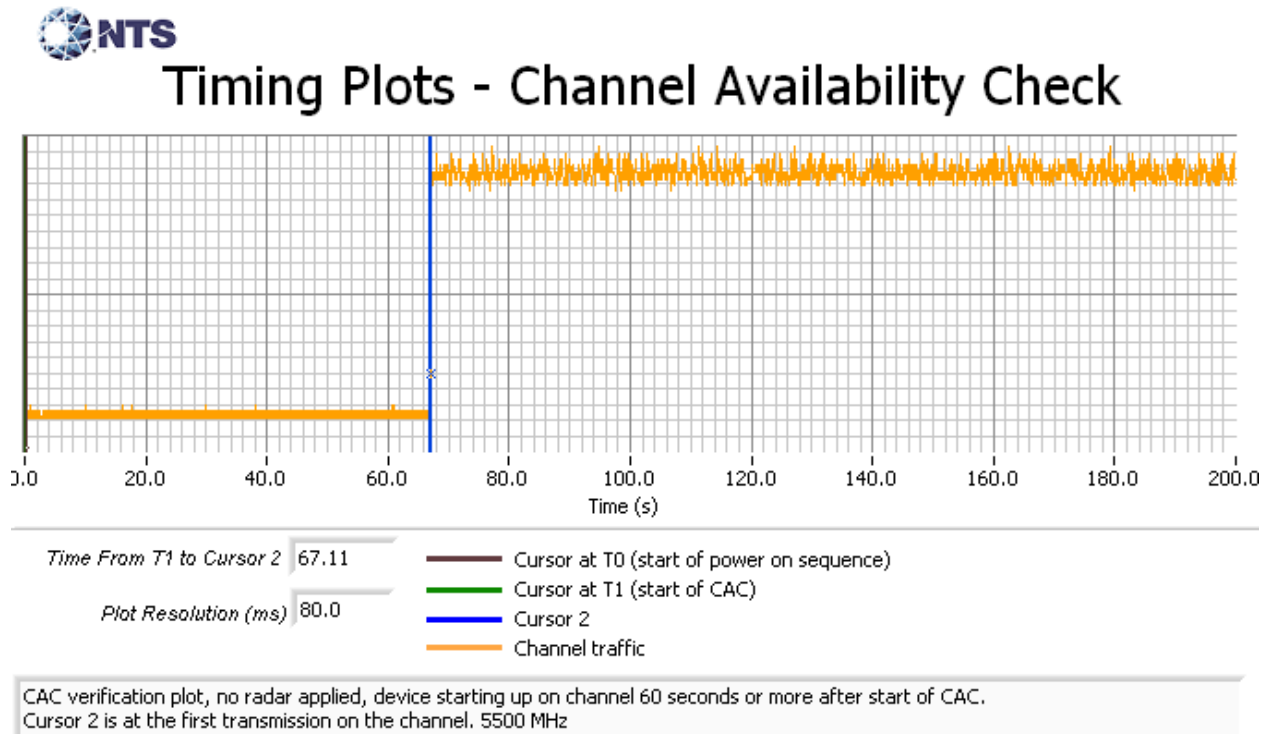


Figure 12 Plot of EUT Start-Up After CAC

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

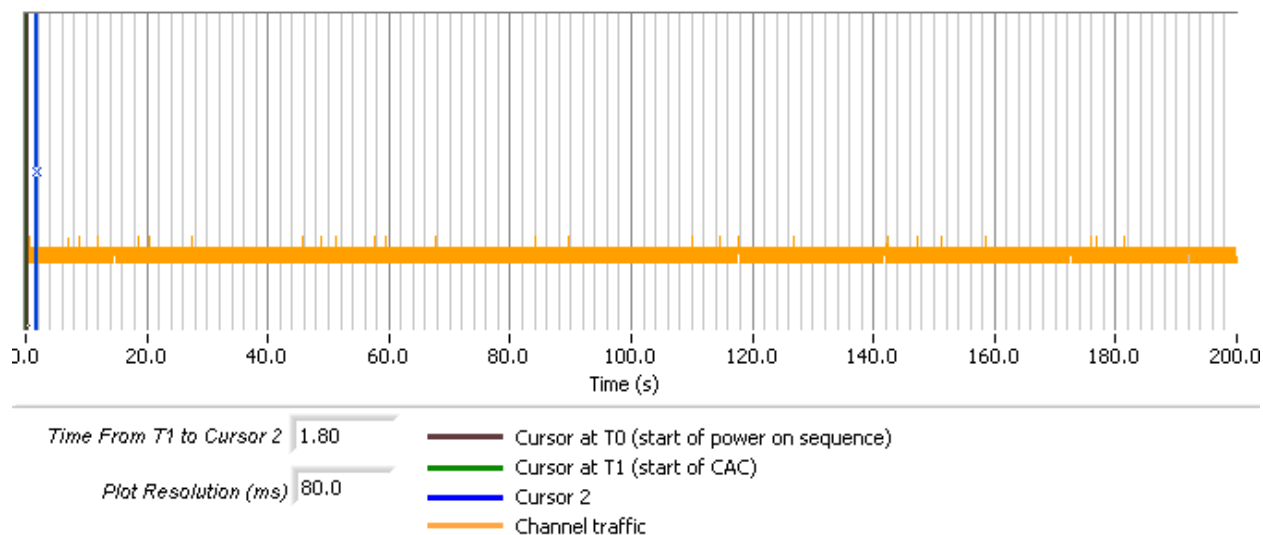
The level of the radar signal applied was -64dBm. Measurements were made on channel 132 (5660 MHz).

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

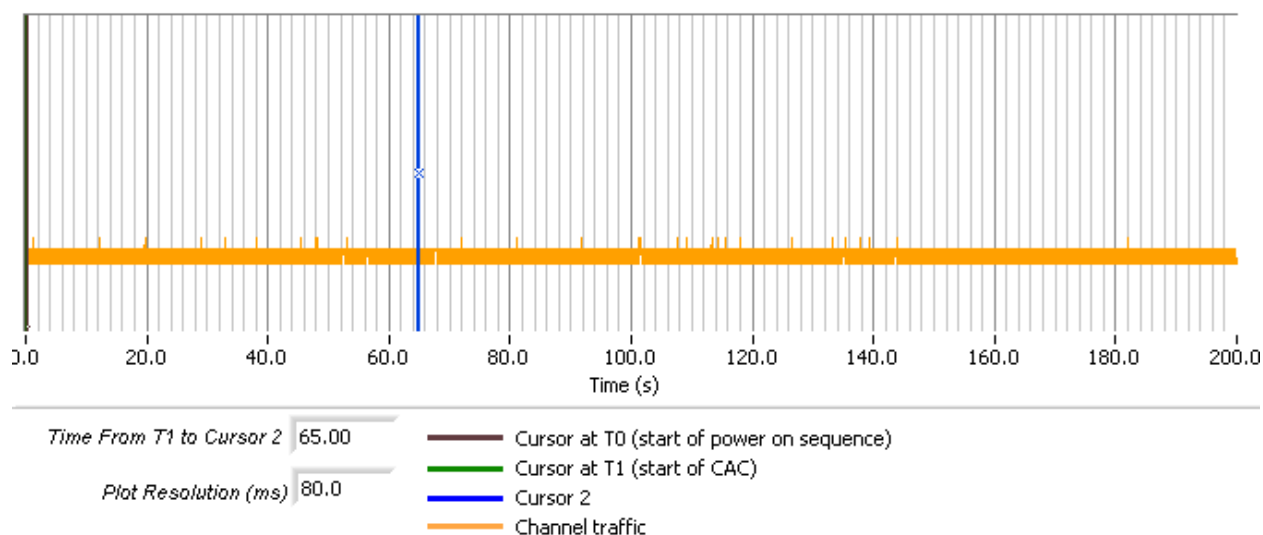


Radar details: FCC Short Pulse Radar (Type 1)
Radar burst applied 1.8 seconds after start of CAC.
Cursor 2 is on the radar signal, no transmissions on the channel from the EUT observed. 802.11n 20MHz, 5520 MHz

Figure 13 Radar Applied At Start of CAC



Timing Plots - Channel Availability Check



Radar details: FCC Short Pulse Radar (Type 1)
Radar burst applied 65.0 seconds after start of CAC.
Cursor 2 is on the radar signal, no transmissions on the channel from the EUT observed. 802.11n 20MHz, 5500MHz

Figure 14 Radar Applied At End of CAC

Appendix E Antenna Specification

- o 2.4GHz 8dBi 70°x70° Directional Cross-Polarized Antenna
- o 5 GHz 8 dBi 70°x70° Directional Cross-Polarized Antenna

There are five EPIC WiFi antennas:

At 2.4 GHz, the three 8 dBi antennas are: slant left + vertical + slant right.
At 5-6 GHz, the two 8 dBi antennas are: slant left + slant right.

Appendix F Test Configuration Photograph(s)

