

TEST REPORT

Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF

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

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Model(s): XR500**

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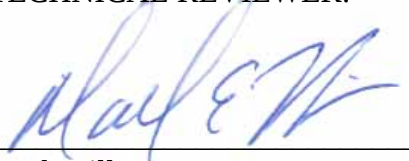
REPORT DATE: May 7, 2013

REISSUE DATE: June 25, 2013

FINAL TEST DATE: April 4-12, 2013

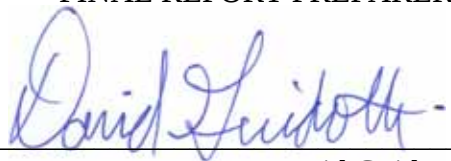
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REVISION HISTORY

Rev #	Date	Comments	Modified By
-	05-07-2013	First Release	-
1	06-25-2013	Reissued to correct the effective antenna gain on page 11 from 8.8dBi for MIMO mode to 7dBi	Dave Guidotti

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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 National Technical Systems - Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Xirrus, Inc. model XR500 and therefore apply only to the tested sample. The sample was selected and prepared by Steve Smith of Xirrus, 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 Xirrus, Inc. model XR500 complied with the DFS requirements of FCC Part 15.407(h)(2), RSS-210 Annex 9.3.

Maintenance of compliance is the responsibility of the manufacturer. Any modifications to the product should be assessed to determine their potential impact on the compliance status of the device with respect to the standards detailed in this test report.

DEVIATIONS FROM THE STANDARD

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

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

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (Single Band Radio)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	Note 3	68s	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 1	Note 3	-63dBm	-64dBm (Note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 through Type 6	Note 3	-63dBm (Note 2)	-64dBm (Note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Note 3	20MHz: ±10MHz 40MHz: ±20MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	Note 3 (20MHz)	11.4ms 0ms	≤ 260ms	Appendix C	Pass
	Type 1 Type 5	Note 3 (40MHz)	9.9ms 0ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	Note 3 (20MHz)	0.38s 0s	≤ 10s	Appendix C	Pass
	Type 1 Type 5	Note 3 (40MHz)	0.45s 0s	≤ 10s	Appendix C	Pass
Non-occupancy period	-	Note 3 (20MHz)	> 30 minutes	> 30 minutes	Appendix C	Pass
		Note 3 (40MHz)	> 30 minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Pass
1) Tests were performed using the radiated test method. 2) The limit is based on an eirp of more than 23dBm. Includes 1dB adjustment per DA-06-96, Note 2 of Table 3. 3) These tests were performed with device operating in the 5500-5700MHz band.						

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (Dual Band Radio)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	Note 3	68s	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 1	Note 3	-63dBm	-64dBm (Note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 through Type 6	Note 3	-63dBm (Note 2)	-64dBm (Note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Note 3	20MHz: ±10MHz 40MHz: ±20MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	Note 3 (20MHz)	25.5ms 0ms	≤ 260ms	Appendix C	Pass
	Type 1 Type 5	Note 3 (40MHz)	15.2ms 0ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	Note 3 (20MHz)	0.39s 0s	≤ 10s	Appendix C	Pass
	Type 1 Type 5	Note 3 (40MHz)	0.53s 0s	≤ 10s	Appendix C	Pass
Non-occupancy period	-	Note 3 (20MHz)	> 30 minutes	> 30 minutes	Appendix C	Pass
		Note 3 (40MHz)	> 30 minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Pass
1) Tests were performed using the radiated test method. 2) The limit is based on an eirp of more than 23dBm. Includes 1dB adjustment per DA-06-96, Note 2 of Table 3. 3) These tests were performed with device operating in the 5500-5700MHz band.						

MEASUREMENT UNCERTAINTIES

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

Measurement	Measurement Unit	Expanded Uncertainty
Timing (Channel move time, aggregate transmission time)	ms	Timing resolution $\pm 0.24\%$
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 Xirrus, Inc. model XR500 is a dual radio 802.11abgn (2x2) access point. It contains two separate radio modules. One is configured to operate only in the 5GHz band and one is configured for operation in either the 2.4 or 5GHz bands.

The sample was received on April 4, 2013 and tested on April 4-12, 2013. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Xirrus	XR500 series	Dual Radio 802.11abgn Access Point	XR50249000180

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

Applicable to both the Single Band and the Dual band radios.

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	7*	7*
Highest Antenna Gain (dBi)	7*	7*
EIRP Output Power (dBm)	29.8	29.4
* Antenna gain is 4dBi per chain resulting in an effective gain of 7dBi for MIMO modes. SISO mode antenna gain is 4dBi.		

- ☒ Power can exceed 200mW eirp

Channel Protocol

- ☒ IP Based

ENCLOSURE

The EUT enclosure measures approximately 19 centimeters in diameter 5 centimeters height. It is primarily constructed of plastic.

MODIFICATIONS

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

SUPPORT EQUIPMENT

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

Manufacturer	Model	Description	Serial Number	FCC ID
HP	8510p	Laptop (server)	CNU7410TT8	DoC
Dell	Inspiron	Laptop (client)	JMB3551	DoC
Linksys	600N	<i>802.11abgn PCI card (installed in Dell PC)</i>	<i>MNV0081077</i>	<i>Q87-WPC600NV11</i>
Xirrus	-	Single Port Injector	-	-

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)
Gigabit POE	Single Port Injector Out	Cat 5	Unshielded	15
Single port Injector In	Laptop (Server)	Cat 5	Unshielded	2

EUT OPERATION

The EUT was operating with the software indicated below and secured to prevent the user from disabling the DFS function.

Master Device: v6.4

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.

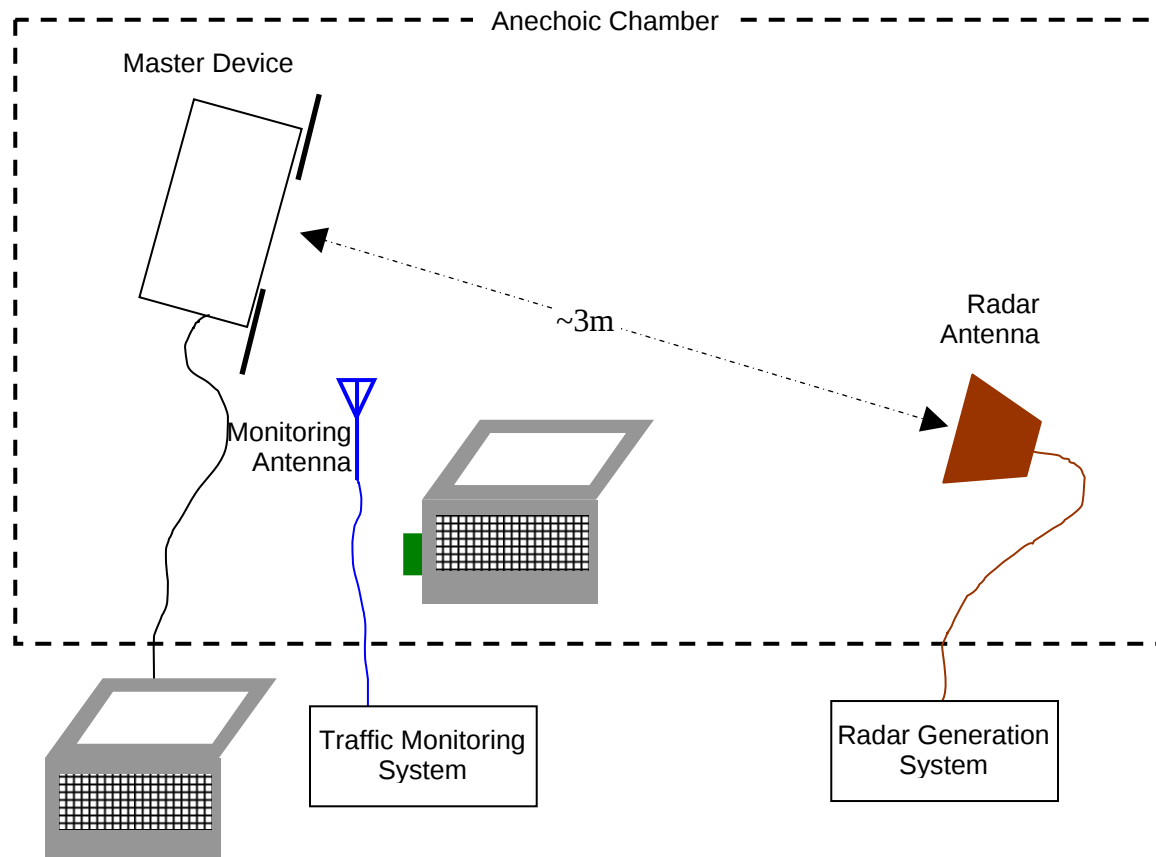


Figure 1 Test Configuration for radiated Measurement Method

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 National Technical Systems - 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 Technologies	PSG Vector Signal Generator	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 - Detection Bandwidth Measurements Single Band 20MHz (Bandwidth: +10MHz /-10MHz)					
EUT Frequency	Radar Type	Radar Frequency	Number Detected	Number Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5489.00 MHz	0	3	0
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	10	0	100
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	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	0	3	0

Table 7 - Detection Bandwidth Measurements Single Band 40MHz (Bandwidth: +20MHz /-20MHz)

EUT Frequency	Radar Type	Radar Frequency	Number Detected	Number Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5489.00 MHz	4	3	57
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5522.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5523.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5524.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5526.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5527.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5528.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5529.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5530.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5531.00 MHz	0	3	0

Table 8 - Detection Bandwidth Measurements Dual Band 20MHz (Bandwidth: +10MHz /-10MHz)					
EUT Frequency	Radar Type	Radar Frequency	Number Detected	Number Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5489.00 MHz	1	3	25
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	10	0	100
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	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	2	3	40

Table 9 - Detection Bandwidth Measurements Dual Band 40MHz (Bandwidth: +20MHz /-20MHz)

EUT Frequency	Radar Type	Radar Frequency	Number Detected	Number Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5489.00 MHz	2	3	40
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	102	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5522.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5523.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5524.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5526.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5527.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5528.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5529.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5530.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5531.00 MHz	3	3	50

Table 10 - Summary of All Results - Single Band 20MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	93.3 %	60.0 %	30	PASSED
Aggregate of above results	95.8 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	42	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED

Table 11 - Summary of All Results – Single Band 40MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	73.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	76.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	76.7 %	60.0 %	30	PASSED
Aggregate of above results	80.0 %	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 12 - Summary of All Results - Dual Band 20MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	96.7 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	97.6 %	70.0 %	42	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED

Table 13 - Summary of All Results - Dual Band 40MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	83.3 %	60.0 %	30	PASSED
Aggregate of above results	90.8 %	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 14 - FCC Short Pulse Radar (Type 1) Results Single Band 20MHz

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, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	No	5505.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	No	5500.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 15 - FCC Short Pulse Radar (Type 2) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	28	2.4	217.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	29	3.8	205.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	25	3.8	195.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	25	3.0	170.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	23	2.7	206.0	Yes	5495.0MHz, -63.0dBm	Single burst
6	23	2.9	203.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	25	1.5	206.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	26	4.1	173.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	24	4.4	171.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	28	3.1	215.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	27	1.2	195.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	26	2.8	217.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	24	4.5	210.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	24	4.7	188.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	24	2.8	172.0	Yes	5505.0MHz, -63.0dBm	Single burst
16	24	3.9	156.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	25	1.1	197.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	24	4.7	167.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	27	3.4	187.0	No	5500.0MHz, -63.0dBm	Single burst
20	24	4.4	197.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	23	1.6	190.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	29	1.1	164.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	27	4.2	215.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	25	4.6	155.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	25	2.1	192.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	29	2.3	204.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	24	4.1	178.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	24	1.6	195.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	26	3.7	200.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	26	3.9	150.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 16 - FCC Short Pulse Radar (Type 3) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	6.9	243.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	18	6.2	387.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	16	8.2	232.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	17	6.2	366.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	17	7.4	431.0	Yes	5495.0MHz, -63.0dBm	Single burst
6	18	6.1	391.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	18	6.7	344.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	17	8.3	386.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	17	7.5	423.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	18	8.1	263.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	17	9.9	229.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	17	7.8	360.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	16	7.9	397.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	17	8.8	232.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	16	6.9	281.0	Yes	5505.0MHz, -63.0dBm	Single burst
16	17	6.5	226.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	17	6.5	441.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	16	9.0	335.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	17	8.7	318.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	16	7.6	311.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	18	6.0	443.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	17	7.7	330.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	16	7.3	432.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	16	7.7	345.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	17	7.2	452.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	16	6.1	309.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	18	6.4	283.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	17	6.4	263.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	16	6.2	377.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	18	6.5	262.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 17 - FCC Short Pulse Radar (Type 4) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	15.0	483.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	14	19.9	254.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	12	11.8	454.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	15	13.7	378.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	15	16.4	212.0	Yes	5495.0MHz, -63.0dBm	Single burst
6	15	12.7	392.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	15	16.3	333.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	15	12.5	254.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	14	17.4	429.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	15	17.1	407.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	14	13.0	355.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	14	18.8	404.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	15	20.0	410.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	15	16.5	420.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	16	18.1	424.0	Yes	5505.0MHz, -63.0dBm	Single burst
16	14	19.0	298.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	14	11.6	393.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	14	18.1	281.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	14	12.5	260.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	15	15.4	255.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	15	17.9	363.0	No	5505.0MHz, -63.0dBm	Single burst
22	15	15.7	388.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	15	15.2	305.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	15	17.8	438.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	13	18.6	409.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	13	20.0	334.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	16	17.6	241.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	15	16.8	356.0	No	5500.0MHz, -63.0dBm	Single burst
29	15	12.9	293.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	13	12.9	367.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5490.0MHz, -63.0dBm	Hop sequence: 5253, 5448, 5546, 5295, 5362, 5664, 5435, 5394, 5321, 5496, 5571, 5338, 5312, 5563, 5413, 5596, 5306, 5281, 5393, 5719, 5589, 5282, 5649, 5619, 5527, 5320, 5626, 5262, 5440, 5454, 5506, 5505, 5665, 5336, 5710, 5273, 5615, 5631, 5324, 5274, 5417, 5564, 5682, 5447, 5704, 5542, 5671, 5632, 5267, 5406, 5469, 5550, 5636, 5716, 5460, 5495, 5415, 5318, 5386, 5342, 5392, 5608, 5346, 5333, 5499, 5422, 5483, 5593, 5479, 5685, 5430, 5492, 5358, 5645, 5718, 5434, 5668, 5310, 5405, 5601, 5617, 5691, 5556, 5726, 5684, 5586, 5553, 5385, 5271, 5252, 5272, 5536, 5519, 5476, 5349, 5418, 5638, 5721, 5582, 5656 (10 hits)
2	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5604, 5537, 5304, 5438, 5507, 5550, 5532, 5461, 5277, 5714, 5299, 5434, 5391, 5408, 5417, 5658, 5306, 5557, 5503, 5512, 5688, 5388, 5265, 5343, 5506, 5410, 5414, 5712, 5275, 5446, 5614, 5529, 5300, 5552, 5326, 5519, 5403, 5418, 5602, 5257, 5695, 5405, 5447, 5675, 5694, 5624, 5419, 5590, 5636, 5676, 5457, 5286, 5474, 5459, 5710, 5394, 5652, 5339, 5528, 5338, 5593, 5586, 5395, 5639, 5600, 5638, 5331, 5620, 5580, 5398, 5582, 5690, 5344, 5511, 5558, 5368, 5291, 5487, 5476, 5279, 5706, 5424, 5535, 5622, 5607, 5444, 5723, 5518, 5305, 5371, 5650, 5334, 5436, 5497, 5685, 5498, 5674, 5452, 5375, 5462 (14 hits)
3	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5291, 5551, 5541, 5493, 5295, 5532, 5330, 5561, 5266, 5333, 5616, 5505, 5684, 5691, 5426, 5254, 5680, 5335, 5633, 5696, 5286, 5629, 5264, 5723, 5449, 5523, 5570, 5503, 5711, 5626, 5316, 5640, 5268, 5387, 5450, 5726, 5308, 5490, 5317, 5495, 5489, 5668, 5432, 5318, 5359, 5679, 5358, 5600, 5678, 5427, 5661, 5689, 5434, 5310, 5458, 5377, 5474, 5700, 5431, 5454, 5311, 5472, 5396, 5598, 5694, 5581, 5476, 5439, 5683, 5307, 5441, 5407, 5549, 5623, 5643,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5382, 5362, 5367, 5365, 5261, 5281, 5491, 5321, 5494, 5294, 5599, 5463, 5270, 5610, 5258, 5688, 5406, 5473, 5646, 5527, 5547, 5370, 5299, 5712, 5499 (7 hits)
4	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5671, 5486, 5459, 5256, 5660, 5297, 5352, 5654, 5329, 5570, 5446, 5631, 5301, 5493, 5287, 5527, 5491, 5505, 5708, 5715, 5650, 5474, 5595, 5467, 5389, 5626, 5649, 5510, 5659, 5294, 5641, 5666, 5592, 5355, 5257, 5567, 5625, 5646, 5572, 5578, 5469, 5488, 5636, 5602, 5699, 5651, 5555, 5561, 5716, 5725, 5417, 5425, 5618, 5489, 5351, 5535, 5684, 5590, 5379, 5481, 5523, 5701, 5388, 5710, 5385, 5610, 5573, 5507, 5678, 5512, 5448, 5683, 5449, 5317, 5404, 5398, 5530, 5328, 5514, 5281, 5409, 5414, 5482, 5542, 5276, 5682, 5665, 5549, 5604, 5299, 5344, 5587, 5552, 5308, 5624, 5267, 5347, 5571, 5406, 5285 (4 hits)
5	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5543, 5298, 5432, 5723, 5571, 5537, 5304, 5580, 5526, 5436, 5392, 5522, 5476, 5535, 5615, 5256, 5582, 5714, 5598, 5343, 5634, 5347, 5387, 5719, 5544, 5675, 5470, 5588, 5708, 5321, 5603, 5452, 5279, 5260, 5566, 5473, 5350, 5398, 5380, 5274, 5495, 5643, 5523, 5474, 5610, 5317, 5530, 5428, 5329, 5404, 5627, 5323, 5559, 5316, 5417, 5485, 5555, 5344, 5556, 5591, 5336, 5551, 5391, 5630, 5592, 5308, 5468, 5529, 5378, 5678, 5270, 5334, 5715, 5635, 5313, 5614, 5368, 5624, 5449, 5679, 5446, 5439, 5726, 5269, 5318, 5662, 5447, 5547, 5427, 5400, 5327, 5445, 5480, 5654, 5409, 5455, 5716, 5578, 5686, 5724 (1 hits)
6	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5705, 5632, 5515, 5564, 5531, 5372, 5570, 5650, 5722, 5300, 5524, 5701, 5390, 5348, 5626, 5567, 5637, 5712, 5628, 5609, 5666, 5378, 5255, 5302, 5317, 5438, 5690, 5674, 5290, 5630, 5371, 5314, 5685, 5558, 5505, 5471, 5647, 5442, 5526, 5383, 5557, 5436, 5355, 5356, 5507, 5278, 5614, 5603, 5676, 5641, 5604, 5274, 5431, 5494, 5257, 5398, 5672, 5643, 5485, 5469, 5708, 5333, 5576, 5594, 5407, 5323, 5318, 5715, 5405, 5533, 5663, 5400, 5651, 5272, 5710, 5642, 5695, 5686, 5693, 5419, 5504, 5544, 5435, 5365, 5503, 5529, 5379, 5347, 5467, 5605, 5474, 5422, 5430, 5482, 5446, 5293, 5409, 5521, 5472, 5511 (5 hits)
7	9	1.0	333.0	Yes	5496.0MHz,	Hop sequence: 5525, 5577, 5532, 5330, 5439, 5310, 5576, 5590, 5484,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5387, 5510, 5662, 5616, 5317, 5403, 5589, 5419, 5286, 5588, 5669, 5446, 5580, 5304, 5287, 5645, 5307, 5701, 5400, 5357, 5436, 5687, 5593, 5698, 5269, 5312, 5275, 5512, 5507, 5441, 5718, 5643, 5534, 5473, 5292, 5504, 5670, 5523, 5482, 5547, 5675, 5455, 5364, 5305, 5437, 5483, 5452, 5490, 5391, 5352, 5386, 5540, 5465, 5509, 5350, 5422, 5462, 5615, 5394, 5340, 5557, 5561, 5560, 5361, 5721, 5717, 5260, 5559, 5685, 5294, 5290, 5461, 5488, 5411, 5280, 5341, 5579, 5322, 5271, 5359, 5700, 5432, 5578, 5319, 5293, 5607, 5412, 5416, 5314, 5695, 5268 (3 hits)
8	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5575, 5369, 5483, 5286, 5333, 5341, 5701, 5338, 5629, 5427, 5510, 5594, 5563, 5720, 5607, 5448, 5396, 5528, 5261, 5644, 5278, 5359, 5706, 5371, 5655, 5712, 5547, 5353, 5711, 5398, 5468, 5726, 5567, 5459, 5480, 5377, 5663, 5291, 5268, 5273, 5641, 5635, 5623, 5671, 5409, 5702, 5366, 5327, 5381, 5418, 5365, 5423, 5590, 5657, 5269, 5724, 5458, 5583, 5272, 5438, 5348, 5339, 5548, 5276, 5312, 5254, 5596, 5385, 5257, 5344, 5577, 5376, 5355, 5311, 5451, 5262, 5482, 5648, 5372, 5598, 5281, 5613, 5581, 5464, 5350, 5256, 5374, 5258, 5631, 5544, 5317, 5463, 5264, 5721, 5625, 5673, 5390, 5561, 5452, 5507 (1 hits)
9	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5394, 5405, 5450, 5401, 5454, 5364, 5466, 5329, 5257, 5542, 5684, 5565, 5363, 5491, 5342, 5332, 5447, 5646, 5576, 5432, 5347, 5350, 5682, 5630, 5663, 5528, 5559, 5312, 5661, 5698, 5459, 5519, 5379, 5536, 5538, 5291, 5282, 5638, 5473, 5307, 5477, 5691, 5425, 5677, 5601, 5344, 5488, 5633, 5575, 5615, 5445, 5400, 5370, 5715, 5339, 5509, 5510, 5613, 5351, 5439, 5416, 5710, 5341, 5700, 5658, 5600, 5707, 5499, 5280, 5708, 5639, 5318, 5535, 5438, 5563, 5564, 5558, 5672, 5557, 5252, 5356, 5561, 5693, 5624, 5275, 5451, 5315, 5268, 5514, 5503, 5683, 5267, 5654, 5642, 5255, 5579, 5334, 5421, 5481, 5719 (4 hits)
10	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5610, 5605, 5454, 5299, 5504, 5461, 5654, 5629, 5645, 5521, 5437, 5648, 5394, 5366, 5574, 5407, 5343, 5630, 5662, 5723, 5261, 5660, 5538, 5552, 5693, 5406, 5486, 5634, 5477, 5436, 5425, 5512, 5460, 5404, 5616, 5302, 5719, 5287, 5464, 5699, 5530, 5327, 5700, 5267, 5566, 5623, 5430, 5347, 5663, 5459, 5309,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5365, 5296, 5368, 5469, 5475, 5497, 5413, 5420, 5333, 5622, 5615, 5502, 5724, 5474, 5340, 5341, 5386, 5393, 5443, 5695, 5701, 5721, 5561, 5371, 5506, 5416, 5289, 5711, 5698, 5337, 5373, 5286, 5446, 5410, 5601, 5577, 5702, 5313, 5397, 5438, 5266, 5697, 5457, 5656, 5525, 5256, 5554, 5562, 5611 (4 hits)
11	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5269, 5547, 5268, 5255, 5427, 5251, 5258, 5566, 5641, 5409, 5551, 5466, 5486, 5661, 5388, 5669, 5428, 5369, 5267, 5271, 5706, 5440, 5520, 5716, 5367, 5562, 5627, 5385, 5377, 5634, 5662, 5304, 5298, 5712, 5652, 5516, 5699, 5705, 5536, 5431, 5343, 5530, 5560, 5504, 5676, 5594, 5614, 5352, 5416, 5693, 5606, 5487, 5286, 5647, 5584, 5595, 5482, 5722, 5448, 5375, 5626, 5612, 5327, 5299, 5443, 5289, 5462, 5493, 5535, 5347, 5601, 5326, 5386, 5570, 5663, 5653, 5678, 5469, 5458, 5721, 5617, 5429, 5588, 5600, 5674, 5358, 5483, 5640, 5484, 5725, 5685, 5642, 5300, 5356, 5438, 5593, 5571, 5630, 5306, 5463 (2 hits)
12	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5288, 5309, 5452, 5313, 5702, 5312, 5521, 5614, 5615, 5486, 5334, 5390, 5707, 5274, 5281, 5484, 5466, 5273, 5302, 5310, 5424, 5619, 5295, 5363, 5284, 5343, 5464, 5400, 5612, 5450, 5479, 5364, 5686, 5251, 5684, 5528, 5487, 5456, 5462, 5436, 5459, 5693, 5569, 5714, 5418, 5491, 5601, 5530, 5336, 5536, 5340, 5637, 5695, 5664, 5293, 5298, 5669, 5337, 5529, 5576, 5589, 5656, 5294, 5580, 5582, 5426, 5361, 5645, 5434, 5585, 5570, 5543, 5682, 5687, 5433, 5696, 5482, 5489, 5644, 5719, 5597, 5264, 5635, 5352, 5307, 5460, 5508, 5254, 5689, 5446, 5495, 5621, 5602, 5373, 5454, 5324, 5439, 5378, 5679, 5383 (3 hits)
13	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5713, 5372, 5469, 5503, 5405, 5388, 5488, 5536, 5264, 5273, 5611, 5637, 5623, 5499, 5461, 5622, 5617, 5275, 5390, 5408, 5427, 5411, 5665, 5649, 5712, 5661, 5371, 5528, 5497, 5362, 5534, 5501, 5643, 5297, 5525, 5382, 5287, 5376, 5524, 5721, 5479, 5265, 5387, 5689, 5671, 5567, 5453, 5377, 5487, 5445, 5263, 5515, 5335, 5628, 5284, 5424, 5690, 5687, 5587, 5715, 5419, 5421, 5480, 5395, 5507, 5669, 5547, 5394, 5339, 5667, 5316, 5493, 5322, 5285, 5589, 5260, 5554, 5330, 5276, 5448, 5317, 5311, 5702, 5359, 5259, 5253, 5353, 5304, 5286, 5516, 5349, 5472, 5688,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5532, 5258, 5478, 5343, 5485, 5698, 5312 (6 hits)
14	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5542, 5638, 5677, 5454, 5684, 5694, 5380, 5309, 5515, 5497, 5538, 5270, 5463, 5453, 5551, 5572, 5689, 5581, 5324, 5276, 5439, 5582, 5430, 5660, 5639, 5554, 5373, 5458, 5544, 5397, 5540, 5393, 5627, 5519, 5555, 5409, 5396, 5571, 5314, 5451, 5658, 5645, 5387, 5669, 5478, 5318, 5395, 5334, 5483, 5291, 5587, 5514, 5266, 5404, 5624, 5316, 5586, 5432, 5667, 5652, 5585, 5632, 5647, 5556, 5549, 5335, 5594, 5628, 5374, 5376, 5358, 5501, 5306, 5687, 5340, 5419, 5487, 5591, 5403, 5280, 5398, 5416, 5664, 5313, 5532, 5459, 5566, 5272, 5293, 5385, 5685, 5681, 5616, 5709, 5688, 5560, 5567, 5590, 5269, 5563 (2 hits)
15	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5625, 5445, 5354, 5499, 5555, 5624, 5333, 5470, 5605, 5518, 5720, 5264, 5687, 5690, 5466, 5623, 5272, 5419, 5366, 5533, 5415, 5356, 5368, 5386, 5656, 5724, 5301, 5313, 5303, 5669, 5361, 5716, 5260, 5338, 5353, 5579, 5517, 5289, 5384, 5378, 5426, 5472, 5648, 5461, 5532, 5479, 5663, 5325, 5481, 5268, 5702, 5693, 5345, 5252, 5478, 5431, 5658, 5511, 5319, 5370, 5609, 5327, 5503, 5262, 5282, 5379, 5309, 5708, 5350, 5434, 5704, 5630, 5660, 5537, 5633, 5297, 5438, 5265, 5416, 5675, 5670, 5488, 5541, 5668, 5619, 5644, 5700, 5453, 5591, 5463, 5666, 5437, 5632, 5388, 5650, 5369, 5302, 5320, 5281, 5277 (2 hits)
16	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5605, 5690, 5275, 5358, 5331, 5376, 5262, 5577, 5713, 5307, 5372, 5640, 5647, 5672, 5342, 5606, 5521, 5583, 5633, 5595, 5286, 5678, 5288, 5599, 5603, 5385, 5602, 5540, 5708, 5417, 5576, 5441, 5560, 5277, 5667, 5462, 5644, 5490, 5563, 5435, 5671, 5469, 5585, 5636, 5504, 5351, 5717, 5621, 5266, 5535, 5354, 5651, 5572, 5352, 5515, 5452, 5694, 5484, 5343, 5491, 5299, 5542, 5415, 5656, 5593, 5536, 5684, 5251, 5316, 5294, 5686, 5716, 5321, 5679, 5475, 5445, 5554, 5618, 5386, 5459, 5303, 5642, 5382, 5378, 5571, 5646, 5318, 5555, 5414, 5283, 5514, 5702, 5297, 5442, 5500, 5543, 5614, 5661, 5344, 5383 (3 hits)
17	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5311, 5499, 5305, 5606, 5257, 5269, 5370, 5646, 5681, 5493, 5262, 5458, 5574, 5541, 5332, 5553, 5724, 5588, 5416, 5618, 5381, 5557, 5440, 5426, 5637, 5327, 5608,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5470, 5286, 5640, 5573, 5334, 5414, 5605, 5699, 5451, 5298, 5513, 5626, 5717, 5464, 5613, 5531, 5339, 5259, 5410, 5475, 5496, 5628, 5498, 5522, 5530, 5719, 5412, 5261, 5501, 5399, 5289, 5271, 5705, 5394, 5635, 5314, 5482, 5589, 5519, 5489, 5596, 5500, 5290, 5677, 5702, 5516, 5438, 5392, 5356, 5333, 5351, 5302, 5690, 5331, 5634, 5575, 5446, 5650, 5555, 5360, 5615, 5407, 5503, 5517, 5291, 5277, 5534, 5317, 5378, 5251, 5337, 5680, 5688 (7 hits)
18	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5495, 5333, 5600, 5648, 5552, 5379, 5290, 5658, 5350, 5531, 5424, 5293, 5316, 5723, 5609, 5627, 5683, 5463, 5672, 5310, 5622, 5259, 5340, 5704, 5435, 5375, 5327, 5279, 5579, 5387, 5277, 5633, 5484, 5447, 5684, 5288, 5357, 5455, 5494, 5405, 5554, 5474, 5292, 5258, 5347, 5677, 5680, 5613, 5548, 5275, 5614, 5655, 5325, 5260, 5568, 5252, 5403, 5490, 5571, 5632, 5498, 5524, 5585, 5556, 5650, 5566, 5281, 5709, 5659, 5344, 5603, 5389, 5653, 5468, 5639, 5688, 5478, 5507, 5378, 5432, 5521, 5388, 5506, 5412, 5671, 5299, 5509, 5436, 5546, 5564, 5545, 5360, 5251, 5300, 5287, 5640, 5356, 5496, 5577, 5726 (7 hits)
19	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5368, 5440, 5341, 5686, 5548, 5608, 5612, 5670, 5360, 5653, 5539, 5661, 5339, 5331, 5367, 5598, 5450, 5289, 5641, 5381, 5586, 5669, 5479, 5666, 5711, 5607, 5691, 5521, 5606, 5435, 5720, 5405, 5485, 5563, 5396, 5665, 5580, 5617, 5663, 5356, 5446, 5494, 5587, 5272, 5431, 5721, 5584, 5475, 5649, 5265, 5300, 5273, 5554, 5518, 5684, 5469, 5544, 5581, 5348, 5616, 5277, 5603, 5399, 5517, 5520, 5599, 5451, 5264, 5634, 5724, 5262, 5327, 5557, 5677, 5722, 5387, 5652, 5295, 5566, 5696, 5438, 5358, 5553, 5508, 5449, 5285, 5354, 5274, 5723, 5266, 5542, 5526, 5678, 5291, 5551, 5658, 5672, 5522, 5322, 5507 (3 hits)
20	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5607, 5566, 5517, 5348, 5258, 5668, 5467, 5572, 5282, 5587, 5272, 5370, 5426, 5667, 5696, 5450, 5476, 5377, 5688, 5578, 5366, 5380, 5546, 5254, 5535, 5308, 5340, 5676, 5611, 5598, 5482, 5540, 5470, 5263, 5584, 5657, 5375, 5383, 5404, 5570, 5705, 5523, 5522, 5659, 5683, 5436, 5669, 5695, 5505, 5434, 5451, 5371, 5504, 5369, 5266, 5497, 5560, 5609, 5539, 5496, 5443, 5419, 5641, 5716, 5413, 5314, 5270, 5365, 5409,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5541, 5479, 5494, 5359, 5708, 5671, 5568, 5515, 5425, 5414, 5291, 5612, 5372, 5604, 5462, 5430, 5326, 5429, 5547, 5295, 5725, 5423, 5399, 5698, 5398, 5685, 5439, 5278, 5306, 5672, 5318 (5 hits)
21	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5353, 5533, 5673, 5715, 5296, 5677, 5542, 5384, 5718, 5494, 5560, 5431, 5709, 5492, 5369, 5336, 5599, 5688, 5499, 5264, 5574, 5441, 5255, 5360, 5585, 5350, 5647, 5651, 5577, 5454, 5662, 5681, 5694, 5598, 5625, 5370, 5674, 5347, 5356, 5342, 5561, 5536, 5557, 5658, 5257, 5412, 5600, 5426, 5639, 5300, 5348, 5656, 5461, 5430, 5422, 5717, 5628, 5502, 5693, 5608, 5594, 5423, 5579, 5632, 5437, 5268, 5308, 5395, 5433, 5666, 5636, 5468, 5670, 5357, 5391, 5297, 5446, 5393, 5298, 5418, 5345, 5555, 5267, 5319, 5489, 5566, 5679, 5540, 5327, 5361, 5363, 5498, 5655, 5332, 5572, 5472, 5292, 5358, 5251, 5483 (5 hits)
22	9	1.0	333.0	Yes	5490.0MHz, -63.0dBm	Hop sequence: 5713, 5372, 5469, 5503, 5405, 5388, 5488, 5536, 5264, 5273, 5611, 5637, 5623, 5499, 5461, 5622, 5617, 5275, 5390, 5408, 5427, 5411, 5665, 5649, 5712, 5661, 5371, 5528, 5497, 5362, 5534, 5501, 5643, 5297, 5525, 5382, 5287, 5376, 5524, 5721, 5479, 5265, 5387, 5689, 5671, 5567, 5453, 5377, 5487, 5445, 5263, 5515, 5335, 5628, 5284, 5424, 5690, 5687, 5587, 5715, 5419, 5421, 5480, 5395, 5507, 5669, 5547, 5394, 5339, 5667, 5316, 5493, 5322, 5285, 5589, 5260, 5554, 5330, 5276, 5448, 5317, 5311, 5702, 5359, 5259, 5253, 5353, 5304, 5286, 5516, 5349, 5472, 5688, 5532, 5258, 5478, 5343, 5485, 5698, 5312 (6 hits)
23	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5386, 5336, 5324, 5586, 5460, 5508, 5446, 5569, 5277, 5607, 5354, 5543, 5297, 5662, 5488, 5421, 5317, 5634, 5685, 5544, 5511, 5431, 5686, 5672, 5656, 5711, 5713, 5576, 5521, 5477, 5257, 5314, 5334, 5499, 5357, 5490, 5563, 5389, 5658, 5497, 5253, 5290, 5322, 5518, 5555, 5675, 5321, 5600, 5268, 5523, 5392, 5252, 5455, 5332, 5535, 5670, 5707, 5621, 5539, 5413, 5598, 5552, 5437, 5638, 5510, 5439, 5319, 5296, 5614, 5636, 5567, 5712, 5329, 5559, 5534, 5283, 5491, 5633, 5291, 5613, 5353, 5465, 5671, 5524, 5484, 5560, 5690, 5312, 5673, 5280, 5302, 5609, 5669, 5347, 5515, 5632, 5723, 5281, 5348, 5627 (4 hits)
24	9	1.0	333.0	Yes	5492.0MHz,	Hop sequence: 5553, 5408, 5311,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5469, 5388, 5268, 5466, 5292, 5505, 5291, 5389, 5333, 5345, 5435, 5677, 5547, 5652, 5687, 5441, 5251, 5426, 5305, 5418, 5532, 5380, 5511, 5424, 5635, 5548, 5427, 5360, 5684, 5313, 5451, 5280, 5678, 5589, 5257, 5611, 5594, 5279, 5608, 5404, 5281, 5640, 5568, 5331, 5396, 5349, 5357, 5403, 5600, 5454, 5616, 5524, 5643, 5582, 5655, 5439, 5397, 5702, 5306, 5290, 5421, 5369, 5321, 5486, 5375, 5261, 5363, 5703, 5565, 5627, 5263, 5628, 5546, 5629, 5631, 5498, 5355, 5383, 5312, 5509, 5447, 5474, 5563, 5561, 5556, 5719, 5675, 5650, 5558, 5496, 5658, 5544, 5674, 5646, 5538, 5714, 5377 (4 hits)
25	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5526, 5462, 5367, 5502, 5653, 5544, 5269, 5432, 5447, 5293, 5627, 5670, 5638, 5692, 5360, 5295, 5595, 5561, 5592, 5483, 5461, 5626, 5573, 5468, 5251, 5386, 5397, 5289, 5312, 5449, 5258, 5321, 5594, 5570, 5451, 5542, 5614, 5294, 5537, 5454, 5568, 5473, 5481, 5633, 5515, 5268, 5272, 5322, 5290, 5657, 5355, 5285, 5380, 5621, 5349, 5691, 5274, 5562, 5724, 5266, 5474, 5685, 5324, 5337, 5635, 5718, 5485, 5533, 5292, 5557, 5648, 5495, 5338, 5702, 5631, 5354, 5616, 5394, 5319, 5676, 5531, 5582, 5530, 5677, 5551, 5596, 5436, 5654, 5663, 5298, 5404, 5277, 5520, 5603, 5320, 5435, 5402, 5363, 5270, 5649 (2 hits)
26	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5322, 5671, 5522, 5281, 5306, 5364, 5709, 5673, 5389, 5263, 5261, 5594, 5360, 5454, 5478, 5266, 5300, 5363, 5380, 5532, 5593, 5290, 5292, 5550, 5320, 5330, 5565, 5332, 5484, 5262, 5676, 5356, 5438, 5595, 5277, 5316, 5282, 5336, 5684, 5418, 5672, 5553, 5528, 5493, 5373, 5685, 5430, 5298, 5397, 5349, 5557, 5679, 5555, 5583, 5407, 5350, 5683, 5501, 5339, 5440, 5390, 5590, 5652, 5312, 5425, 5399, 5587, 5367, 5324, 5516, 5713, 5633, 5314, 5275, 5273, 5545, 5692, 5376, 5533, 5310, 5328, 5604, 5474, 5315, 5630, 5669, 5592, 5439, 5321, 5252, 5523, 5566, 5379, 5318, 5603, 5588, 5490, 5719, 5250, 5660 (2 hits)
27	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5531, 5478, 5615, 5563, 5275, 5323, 5606, 5654, 5533, 5677, 5452, 5364, 5351, 5492, 5400, 5287, 5446, 5376, 5311, 5444, 5473, 5289, 5419, 5527, 5337, 5300, 5349, 5661, 5525, 5308, 5416, 5626, 5639, 5316, 5310, 5366, 5624, 5594, 5715, 5272, 5530, 5542, 5431, 5423, 5583,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5694, 5389, 5580, 5565, 5724, 5392, 5460, 5251, 5700, 5454, 5286, 5554, 5334, 5404, 5543, 5353, 5520, 5692, 5352, 5645, 5630, 5439, 5575, 5465, 5380, 5344, 5600, 5491, 5655, 5284, 5469, 5468, 5650, 5480, 5261, 5346, 5445, 5714, 5570, 5435, 5453, 5489, 5291, 5252, 5687, 5368, 5338, 5282, 5325, 5429, 5574, 5396, 5443, 5595, 5357 (2 hits)
28	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5567, 5422, 5570, 5324, 5355, 5495, 5334, 5389, 5701, 5447, 5487, 5596, 5651, 5307, 5632, 5655, 5611, 5679, 5454, 5436, 5581, 5624, 5420, 5497, 5494, 5456, 5695, 5615, 5385, 5652, 5402, 5682, 5362, 5351, 5289, 5336, 5274, 5450, 5404, 5507, 5430, 5589, 5515, 5713, 5345, 5331, 5546, 5609, 5635, 5471, 5360, 5330, 5294, 5259, 5499, 5618, 5445, 5269, 5483, 5343, 5444, 5640, 5722, 5549, 5306, 5644, 5505, 5291, 5442, 5370, 5300, 5592, 5477, 5725, 5696, 5555, 5575, 5594, 5482, 5598, 5392, 5626, 5702, 5384, 5691, 5604, 5426, 5667, 5717, 5610, 5275, 5633, 5521, 5556, 5396, 5342, 5531, 5683, 5669, 5493 (7 hits)
29	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5632, 5682, 5255, 5722, 5560, 5683, 5510, 5357, 5370, 5299, 5390, 5562, 5660, 5317, 5436, 5482, 5316, 5334, 5720, 5353, 5400, 5366, 5624, 5653, 5335, 5455, 5434, 5724, 5593, 5372, 5342, 5703, 5409, 5679, 5454, 5325, 5440, 5586, 5261, 5264, 5507, 5371, 5664, 5552, 5563, 5477, 5535, 5718, 5355, 5706, 5711, 5445, 5282, 5269, 5356, 5408, 5601, 5555, 5468, 5257, 5587, 5304, 5411, 5443, 5604, 5517, 5351, 5618, 5696, 5452, 5603, 5344, 5559, 5277, 5631, 5301, 5725, 5686, 5426, 5708, 5576, 5606, 5522, 5416, 5688, 5488, 5291, 5354, 5388, 5406, 5605, 5541, 5281, 5307, 5684, 5331, 5597, 5321, 5313, 5284 (1 hits)
30	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5283, 5635, 5597, 5507, 5506, 5455, 5410, 5446, 5362, 5482, 5650, 5338, 5684, 5344, 5500, 5642, 5531, 5478, 5458, 5615, 5422, 5494, 5697, 5703, 5581, 5438, 5365, 5610, 5440, 5348, 5294, 5273, 5573, 5726, 5682, 5592, 5558, 5377, 5567, 5618, 5509, 5584, 5400, 5568, 5474, 5383, 5459, 5488, 5496, 5511, 5501, 5622, 5366, 5502, 5672, 5601, 5519, 5263, 5360, 5516, 5628, 5625, 5260, 5517, 5631, 5433, 5465, 5323, 5711, 5576, 5475, 5659, 5548, 5701, 5373, 5477, 5290, 5713, 5518, 5669, 5435, 5658, 5608, 5614, 5651, 5276, 5546,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5725, 5590, 5712, 5708, 5643, 5680, 5572, 5616, 5508, 5644, 5602, 5356, 5663 (9 hits)
31	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5441, 5384, 5455, 5702, 5403, 5574, 5379, 5671, 5661, 5310, 5624, 5695, 5623, 5521, 5501, 5709, 5323, 5281, 5611, 5312, 5431, 5636, 5389, 5406, 5365, 5320, 5266, 5482, 5524, 5342, 5676, 5383, 5663, 5625, 5665, 5347, 5390, 5335, 5582, 5372, 5553, 5263, 5258, 5385, 5396, 5712, 5401, 5393, 5298, 5677, 5618, 5293, 5532, 5388, 5452, 5359, 5253, 5635, 5357, 5550, 5275, 5527, 5492, 5593, 5344, 5484, 5626, 5368, 5398, 5554, 5693, 5433, 5451, 5472, 5597, 5606, 5545, 5333, 5351, 5660, 5655, 5297, 5549, 5559, 5477, 5687, 5643, 5408, 5476, 5533, 5592, 5404, 5321, 5421, 5587, 5315, 5480, 5526, 5594, 5639 (2 hits)
32	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5495, 5632, 5633, 5547, 5264, 5384, 5551, 5710, 5538, 5367, 5340, 5453, 5595, 5552, 5360, 5725, 5496, 5579, 5361, 5432, 5702, 5543, 5265, 5307, 5254, 5322, 5275, 5470, 5474, 5294, 5464, 5618, 5255, 5676, 5659, 5398, 5530, 5640, 5428, 5602, 5250, 5267, 5339, 5688, 5723, 5316, 5593, 5504, 5520, 5468, 5336, 5272, 5429, 5527, 5653, 5569, 5573, 5584, 5701, 5262, 5382, 5554, 5658, 5342, 5365, 5557, 5337, 5397, 5411, 5556, 5592, 5347, 5585, 5385, 5501, 5473, 5546, 5395, 5391, 5713, 5617, 5570, 5425, 5675, 5406, 5561, 5419, 5251, 5426, 5328, 5686, 5381, 5693, 5309, 5423, 5654, 5403, 5407, 5612, 5405 (4 hits)
33	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5461, 5440, 5408, 5697, 5306, 5556, 5364, 5673, 5397, 5662, 5558, 5671, 5606, 5389, 5633, 5610, 5699, 5612, 5509, 5448, 5326, 5501, 5620, 5605, 5359, 5484, 5679, 5694, 5722, 5593, 5516, 5258, 5471, 5468, 5460, 5262, 5436, 5442, 5575, 5584, 5690, 5486, 5487, 5367, 5424, 5534, 5463, 5550, 5480, 5381, 5494, 5250, 5284, 5491, 5346, 5429, 5427, 5261, 5705, 5282, 5512, 5555, 5613, 5630, 5713, 5663, 5706, 5449, 5611, 5716, 5476, 5623, 5621, 5489, 5337, 5683, 5336, 5368, 5545, 5472, 5297, 5355, 5580, 5267, 5395, 5253, 5402, 5362, 5631, 5574, 5398, 5317, 5273, 5504, 5609, 5561, 5330, 5455, 5334, 5312 (5 hits)
34	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5413, 5266, 5609, 5356, 5616, 5319, 5290, 5272, 5533, 5708, 5295, 5300, 5531, 5603, 5534, 5321, 5640, 5661, 5630, 5559, 5547,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5526, 5452, 5337, 5724, 5509, 5573, 5564, 5491, 5333, 5577, 5364, 5627, 5703, 5527, 5553, 5628, 5469, 5425, 5581, 5352, 5602, 5663, 5704, 5584, 5435, 5417, 5404, 5426, 5353, 5415, 5389, 5593, 5600, 5256, 5349, 5376, 5681, 5605, 5568, 5451, 5521, 5431, 5572, 5604, 5548, 5388, 5652, 5682, 5344, 5515, 5336, 5433, 5649, 5632, 5458, 5314, 5330, 5719, 5624, 5393, 5579, 5471, 5252, 5346, 5666, 5687, 5709, 5473, 5506, 5460, 5560, 5438, 5265, 5664, 5351, 5382, 5326, 5575, 5468 (3 hits)
35	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5574, 5458, 5603, 5591, 5529, 5625, 5505, 5710, 5452, 5387, 5423, 5670, 5407, 5563, 5383, 5280, 5489, 5465, 5512, 5386, 5403, 5718, 5580, 5363, 5627, 5598, 5344, 5326, 5470, 5609, 5420, 5697, 5694, 5648, 5527, 5509, 5481, 5571, 5549, 5604, 5304, 5698, 5361, 5578, 5461, 5308, 5273, 5584, 5523, 5724, 5491, 5521, 5384, 5681, 5572, 5617, 5666, 5372, 5646, 5630, 5484, 5477, 5653, 5561, 5612, 5381, 5577, 5473, 5393, 5374, 5488, 5333, 5258, 5430, 5404, 5671, 5482, 5339, 5560, 5487, 5438, 5274, 5486, 5400, 5507, 5519, 5323, 5439, 5271, 5370, 5448, 5299, 5431, 5626, 5602, 5686, 5689, 5364, 5301, 5510 (4 hits)
36	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5459, 5488, 5316, 5613, 5375, 5344, 5496, 5405, 5501, 5299, 5384, 5334, 5522, 5703, 5511, 5628, 5371, 5582, 5273, 5360, 5314, 5562, 5722, 5467, 5328, 5610, 5633, 5420, 5676, 5569, 5472, 5540, 5589, 5603, 5700, 5333, 5477, 5591, 5322, 5475, 5452, 5390, 5694, 5629, 5619, 5503, 5616, 5564, 5318, 5510, 5520, 5679, 5498, 5257, 5326, 5478, 5541, 5320, 5329, 5481, 5422, 5272, 5251, 5693, 5310, 5495, 5708, 5707, 5668, 5659, 5337, 5349, 5367, 5305, 5604, 5648, 5559, 5552, 5400, 5302, 5288, 5724, 5612, 5324, 5268, 5281, 5300, 5521, 5445, 5447, 5423, 5597, 5355, 5507, 5410, 5586, 5683, 5287, 5690, 5269 (6 hits)
37	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5374, 5627, 5363, 5251, 5643, 5361, 5723, 5284, 5357, 5697, 5552, 5680, 5369, 5376, 5673, 5676, 5475, 5521, 5294, 5342, 5257, 5566, 5718, 5703, 5515, 5654, 5685, 5334, 5531, 5504, 5659, 5555, 5491, 5496, 5559, 5709, 5569, 5385, 5640, 5711, 5558, 5582, 5409, 5651, 5460, 5277, 5326, 5290, 5347, 5661, 5380, 5669, 5309, 5275, 5388, 5333, 5381, 5386, 5551, 5416, 5450, 5701, 5539,

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5687, 5608, 5509, 5537, 5447, 5538, 5550, 5655, 5478, 5510, 5696, 5429, 5426, 5397, 5658, 5338, 5259, 5573, 5293, 5366, 5653, 5444, 5674, 5413, 5586, 5348, 5435, 5360, 5597, 5436, 5359, 5583, 5310, 5649, 5578, 5405, 5633 (4 hits)
38	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5514, 5271, 5648, 5348, 5528, 5274, 5643, 5321, 5671, 5691, 5457, 5563, 5405, 5650, 5401, 5604, 5254, 5463, 5524, 5295, 5301, 5644, 5299, 5293, 5637, 5662, 5571, 5288, 5592, 5714, 5536, 5523, 5660, 5350, 5378, 5676, 5327, 5686, 5704, 5716, 5437, 5626, 5263, 5373, 5658, 5364, 5699, 5334, 5282, 5507, 5608, 5460, 5413, 5315, 5407, 5561, 5273, 5297, 5313, 5511, 5320, 5349, 5522, 5568, 5448, 5491, 5616, 5663, 5361, 5433, 5493, 5498, 5695, 5480, 5682, 5251, 5543, 5476, 5410, 5471, 5570, 5581, 5708, 5551, 5279, 5501, 5586, 5464, 5372, 5296, 5474, 5281, 5391, 5430, 5711, 5445, 5583, 5647, 5496, 5475 (6 hits)
39	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5612, 5348, 5382, 5450, 5715, 5465, 5525, 5333, 5401, 5603, 5337, 5650, 5272, 5613, 5388, 5467, 5403, 5355, 5308, 5626, 5491, 5275, 5445, 5557, 5406, 5299, 5714, 5369, 5263, 5564, 5358, 5427, 5628, 5688, 5309, 5292, 5437, 5490, 5340, 5477, 5629, 5409, 5386, 5676, 5723, 5293, 5653, 5512, 5413, 5550, 5432, 5632, 5289, 5700, 5271, 5639, 5655, 5615, 5685, 5302, 5500, 5551, 5554, 5375, 5565, 5543, 5719, 5328, 5711, 5567, 5318, 5447, 5339, 5502, 5440, 5274, 5419, 5400, 5524, 5305, 5359, 5452, 5663, 5433, 5516, 5577, 5368, 5596, 5455, 5549, 5258, 5535, 5706, 5294, 5449, 5389, 5314, 5726, 5466, 5342 (3 hits)
40	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5291, 5551, 5541, 5493, 5295, 5532, 5330, 5561, 5266, 5333, 5616, 5505, 5684, 5691, 5426, 5254, 5680, 5335, 5633, 5696, 5286, 5629, 5264, 5723, 5449, 5523, 5570, 5503, 5711, 5626, 5316, 5640, 5268, 5387, 5450, 5726, 5308, 5490, 5317, 5495, 5489, 5668, 5432, 5318, 5359, 5679, 5358, 5600, 5678, 5427, 5661, 5689, 5434, 5310, 5458, 5377, 5474, 5700, 5431, 5454, 5311, 5472, 5396, 5598, 5694, 5581, 5476, 5439, 5683, 5307, 5441, 5407, 5549, 5623, 5643, 5382, 5362, 5367, 5365, 5261, 5281, 5491, 5321, 5494, 5294, 5599, 5463, 5270, 5610, 5258, 5688, 5406, 5473, 5646, 5527, 5547, 5370, 5299, 5712, 5499 (7 hits)

Table 18 - FCC frequency hopping radar (Type 6) Results Single Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
41	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5543, 5298, 5432, 5723, 5571, 5537, 5304, 5580, 5526, 5436, 5392, 5522, 5476, 5535, 5615, 5256, 5582, 5714, 5598, 5343, 5634, 5347, 5387, 5719, 5544, 5675, 5470, 5588, 5708, 5321, 5603, 5452, 5279, 5260, 5566, 5473, 5350, 5398, 5380, 5274, 5495, 5643, 5523, 5474, 5610, 5317, 5530, 5428, 5329, 5404, 5627, 5323, 5559, 5316, 5417, 5485, 5555, 5344, 5556, 5591, 5336, 5551, 5391, 5630, 5592, 5308, 5468, 5529, 5378, 5678, 5270, 5334, 5715, 5635, 5313, 5614, 5368, 5624, 5449, 5679, 5446, 5439, 5726, 5269, 5318, 5662, 5447, 5547, 5427, 5400, 5327, 5445, 5480, 5654, 5409, 5455, 5716, 5578, 5686, 5724 (1 hits)
42	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5580, 5441, 5315, 5344, 5609, 5464, 5318, 5504, 5712, 5595, 5591, 5429, 5686, 5259, 5619, 5396, 5417, 5352, 5262, 5550, 5254, 5394, 5443, 5515, 5450, 5425, 5486, 5267, 5277, 5275, 5360, 5282, 5610, 5698, 5317, 5666, 5711, 5548, 5274, 5471, 5516, 5629, 5624, 5294, 5529, 5644, 5630, 5695, 5281, 5468, 5531, 5393, 5534, 5521, 5494, 5467, 5319, 5710, 5461, 5625, 5545, 5314, 5302, 5671, 5674, 5459, 5338, 5455, 5399, 5305, 5512, 5679, 5480, 5680, 5571, 5365, 5688, 5395, 5329, 5594, 5336, 5503, 5657, 5411, 5478, 5641, 5289, 5361, 5496, 5403, 5720, 5466, 5364, 5642, 5528, 5442, 5660, 5701, 5288, 5391 (13 hits)

Table 19 - Long Sequence Waveform Summary Single Band 20MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -63.0dBm
Trial #2	Detected	5495.0MHz, -63.0dBm
Trial #3	Detected	5505.0MHz, -63.0dBm
Trial #4	Detected	5500.0MHz, -63.0dBm
Trial #5	Detected	5495.0MHz, -63.0dBm
Trial #6	Detected	5505.0MHz, -63.0dBm
Trial #7	Detected	5500.0MHz, -63.0dBm
Trial #8	Detected	5495.0MHz, -63.0dBm
Trial #9	Detected	5505.0MHz, -63.0dBm
Trial #10	Detected	5500.0MHz, -63.0dBm
Trial #11	Detected	5495.0MHz, -63.0dBm
Trial #12	Detected	5505.0MHz, -63.0dBm
Trial #13	Detected	5500.0MHz, -63.0dBm
Trial #14	Detected	5495.0MHz, -63.0dBm
Trial #15	Detected	5505.0MHz, -63.0dBm
Trial #16	Detected	5500.0MHz, -63.0dBm
Trial #17	Detected	5495.0MHz, -63.0dBm
Trial #18	Detected	5505.0MHz, -63.0dBm
Trial #19	Detected	5500.0MHz, -63.0dBm
Trial #20	Detected	5495.0MHz, -63.0dBm
Trial #21	Detected	5505.0MHz, -63.0dBm
Trial #22	Detected	5500.0MHz, -63.0dBm
Trial #23	Detected	5495.0MHz, -63.0dBm
Trial #24	Detected	5505.0MHz, -63.0dBm
Trial #25	Detected	5500.0MHz, -63.0dBm
Trial #26	Detected	5495.0MHz, -63.0dBm
Trial #27	Detected	5505.0MHz, -63.0dBm
Trial #28	Detected	5500.0MHz, -63.0dBm
Trial #29	Detected	5495.0MHz, -63.0dBm
Trial #30	Detected	5505.0MHz, -63.0dBm

Table 20 - Long Sequence Waveform Trial#1 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	92.4	19	1949.0	1825.0	0.061454
2	2	83.6	13	1989.0	-	0.913763
3	2	95.2	9	1200.0	-	1.782210
4	1	74.2	8	-	-	2.207940
5	2	80.3	5	1055.0	-	2.919969
6	2	68.7	12	1927.0	-	3.594214
7	1	71.0	6	-	-	4.610994
8	1	55.4	19	-	-	5.123610
9	2	64.5	15	1242.0	-	6.071998
10	1	83.0	6	-	-	6.895016
11	1	78.8	5	-	-	7.736099
12	3	81.9	8	1169.0	1506.0	8.062152
13	3	74.8	15	1144.0	1693.0	8.621586
14	1	71.2	19	-	-	9.183425
15	3	97.1	14	1754.0	1014.0	10.088272
16	2	75.2	17	1895.0	-	10.593258
17	3	86.1	15	1748.0	1132.0	11.321665

Table 21 - Long Sequence Waveform Trial#2 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	78.4	7	1489.0	-	0.292678
2	3	70.7	18	1608.0	1427.0	0.958047
3	1	75.2	8	-	-	1.740707
4	3	89.7	12	1646.0	1843.0	2.008439
5	2	62.4	9	1534.0	-	2.603931
6	2	96.0	10	1554.0	-	3.570429
7	3	65.8	17	1794.0	1074.0	4.245993
8	2	79.2	12	1557.0	-	4.941222
9	2	67.8	8	1396.0	-	5.432016
10	3	54.8	18	1877.0	1499.0	5.986042
11	2	77.2	8	1854.0	-	6.595900
12	3	57.8	13	1984.0	1645.0	7.282674
13	3	66.5	19	1078.0	1203.0	7.594531
14	1	52.9	17	-	-	8.832422
15	3	93.2	16	1353.0	1827.0	9.413292
16	2	68.8	12	1540.0	-	9.587566
17	3	76.2	12	1313.0	1245.0	10.220733
18	1	90.5	19	-	-	10.886602
19	2	72.1	19	1299.0	-	11.867677

Table 22 - Long Sequence Waveform Trial#3 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.0	14	1253.0	-	0.608278
2	1	75.5	10	-	-	0.939759
3	3	55.4	10	1199.0	1078.0	1.813700
4	1	57.5	5	-	-	2.312830
5	2	88.6	5	1855.0	-	3.080148
6	3	76.4	13	1619.0	1004.0	3.610160
7	2	54.1	16	1448.0	-	4.159027
8	3	53.1	9	1635.0	1303.0	4.936323
9	2	65.4	10	1754.0	-	5.173757
10	2	99.3	16	1022.0	-	6.165303
11	2	94.5	18	1245.0	-	6.461753
12	1	98.6	9	-	-	7.085173
13	2	54.4	17	1908.0	-	8.141411
14	3	83.2	13	1453.0	1371.0	8.296591
15	2	92.6	13	1163.0	-	9.068398
16	1	95.9	14	-	-	10.101036
17	2	76.7	17	1428.0	-	10.143810
18	2	76.4	19	1064.0	-	10.768539
19	3	88.0	15	1490.0	1935.0	11.812364

Table 23 - Long Sequence Waveform Trial#4 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	78.2	15	1038.0	1579.0	0.432965
2	3	79.9	16	1757.0	1605.0	1.100457
3	2	66.8	7	1730.0	-	2.593674
4	1	98.8	19	-	-	3.303421
5	2	86.5	15	1996.0	-	4.305966
6	3	81.3	12	1130.0	1732.0	4.735498
7	2	52.3	10	1699.0	-	5.882864
8	1	67.1	11	-	-	6.924960
9	1	98.9	17	-	-	7.559542
10	2	85.5	9	1018.0	-	9.086065
11	2	74.1	18	1315.0	-	9.338907
12	2	74.3	8	1455.0	-	11.060927
13	3	64.7	10	1747.0	1346.0	11.708551

Table 24 - Long Sequence Waveform Trial#5 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.1	5	1285.0	-	0.579057
2	3	59.0	13	1903.0	1460.0	0.916240
3	1	60.9	13	-	-	1.990852
4	1	62.2	6	-	-	2.216977
5	1	98.4	6	-	-	2.973354
6	3	54.3	18	1312.0	1574.0	3.347806
7	2	69.7	17	1339.0	-	4.423393
8	3	84.7	17	1795.0	1616.0	5.193794
9	2	73.8	14	1259.0	-	5.536618
10	2	85.3	8	1765.0	-	6.586851
11	2	59.7	11	1004.0	-	7.128026
12	2	87.8	11	1337.0	-	7.338459
13	3	98.7	8	1215.0	1449.0	8.186611
14	2	57.4	19	1261.0	-	9.247429
15	2	57.4	8	1682.0	-	9.619625
16	3	72.7	17	1921.0	1909.0	10.012316
17	1	85.2	7	-	-	10.769122
18	2	73.4	6	1639.0	-	11.886848

Table 25 - Long Sequence Waveform Trial#6 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	60.6	18	-	-	0.152171
2	3	99.0	8	1557.0	1706.0	1.645274
3	3	79.1	15	1826.0	1509.0	2.503081
4	1	80.6	8	-	-	4.229501
5	2	92.6	17	1277.0	-	4.845219
6	2	61.7	18	1445.0	-	6.532333
7	1	73.8	18	-	-	8.231621
8	2	59.8	7	1728.0	-	9.575358
9	1	63.7	9	-	-	10.061578
10	1	97.2	8	-	-	11.126251

Table 26 - Long Sequence Waveform Trial#7 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	56.1	6	1942.0	-	0.740320
2	2	55.5	9	1492.0	-	1.974662
3	2	83.4	14	1306.0	-	2.943876
4	2	67.8	19	1748.0	-	4.556800
5	3	64.4	10	1596.0	1157.0	6.187886
6	2	74.8	11	1140.0	-	6.814179
7	2	57.6	12	1172.0	-	8.944241
8	2	54.1	12	1725.0	-	9.586055
9	3	78.5	12	1621.0	1564.0	11.424739

Table 27 - Long Sequence Waveform Trial#8 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	94.4	20	-	-	0.486119
2	2	75.7	8	1617.0	-	0.919950
3	2	72.3	8	1890.0	-	1.930968
4	2	64.0	13	1788.0	-	3.371760
5	2	95.9	17	1707.0	-	3.676226
6	2	98.3	6	1639.0	-	4.679801
7	3	68.9	10	1271.0	1892.0	5.572455
8	2	85.1	15	1891.0	-	6.853893
9	2	61.4	17	1934.0	-	7.405224
10	3	69.7	10	1582.0	1248.0	8.258529
11	2	91.5	8	1966.0	-	8.792182
12	3	89.8	7	1107.0	1286.0	10.034475
13	2	93.3	9	1496.0	-	10.323146
14	3	93.2	6	1220.0	1374.0	11.227019

Table 28 - Long Sequence Waveform Trial#9 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.2	17	1907.0	1475.0	0.784255
2	1	76.1	11	-	-	0.989551
3	2	98.2	16	1144.0	-	1.995407
4	2	96.1	12	1285.0	-	3.252490
5	2	95.0	15	1497.0	-	4.083400
6	1	52.5	6	-	-	5.067296
7	3	67.2	19	1524.0	1392.0	5.421681
8	2	57.8	17	1040.0	-	6.537683
9	3	57.5	9	1457.0	1666.0	7.523344
10	2	59.8	8	1722.0	-	7.909551
11	2	95.6	14	1092.0	-	9.127300
12	2	99.6	15	1380.0	-	9.575212
13	2	52.7	12	1932.0	-	10.849307
14	2	85.7	8	1976.0	-	11.674374

Table 29 - Long Sequence Waveform Trial#10 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	57.5	18	1102.0	1103.0	0.100255
2	3	58.8	16	1531.0	1754.0	1.299051
3	1	86.7	13	-	-	1.426706
4	2	85.4	12	1069.0	-	2.173334
5	2	66.6	19	1004.0	-	3.168604
6	2	76.6	17	1714.0	-	3.856336
7	3	54.7	10	1616.0	1111.0	4.784876
8	2	85.6	8	1692.0	-	4.980422
9	2	65.0	19	1360.0	-	5.974241
10	2	70.4	10	1848.0	-	6.457153
11	3	97.4	5	1756.0	1930.0	7.477520
12	2	56.0	15	1265.0	-	7.848854
13	2	93.3	14	1000.0	-	8.971622
14	2	65.0	11	1762.0	-	9.596487
15	1	69.1	5	-	-	10.380446
16	2	55.0	17	1442.0	-	11.282826
17	1	65.1	8	-	-	11.733728

Table 30 - Long Sequence Waveform Trial#11 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.6	12	1011.0	1276.0	0.611088
2	3	60.4	6	1790.0	1689.0	0.988954
3	3	61.9	14	1095.0	1373.0	1.511099
4	3	87.1	18	1356.0	1851.0	2.384493
5	3	67.8	13	1221.0	1359.0	3.115870
6	2	82.8	11	1704.0	-	3.480731
7	2	82.7	9	1594.0	-	4.026749
8	1	72.5	13	-	-	4.718169
9	2	65.6	19	1344.0	-	5.402988
10	2	73.5	5	1409.0	-	6.247139
11	1	63.1	15	-	-	6.943811
12	2	78.2	19	1889.0	-	6.988532
13	1	71.2	16	-	-	7.823446
14	2	54.2	8	1062.0	-	8.587566
15	3	95.1	19	1304.0	1125.0	9.127646
16	2	59.5	11	1364.0	-	9.669499
17	3	73.8	15	1481.0	1872.0	10.304552
18	2	69.4	14	1440.0	-	11.179738
19	2	68.3	10	1702.0	-	11.975832

Table 31 - Long Sequence Waveform Trial#12 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	80.1	17	1355.0	1535.0	0.703438
2	2	74.8	8	1714.0	-	0.823696
3	2	73.3	19	1975.0	-	2.084097
4	3	60.3	14	1151.0	1302.0	2.386341
5	2	98.2	7	1539.0	-	3.316339
6	2	85.2	12	1650.0	-	3.761010
7	1	51.3	13	-	-	5.247259
8	2	98.3	18	1654.0	-	5.423902
9	2	90.5	18	1164.0	-	6.291418
10	2	69.9	17	1677.0	-	7.090028
11	2	87.6	11	1143.0	-	8.136232
12	1	59.4	9	-	-	8.740145
13	2	74.3	14	1166.0	-	9.527287
14	2	67.8	10	1783.0	-	10.294094
15	2	78.7	10	1135.0	-	10.522314
16	3	82.6	10	1008.0	1790.0	11.957009

Table 32 - Long Sequence Waveform Trial#13 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	58.8	13	-	-	0.841716
2	3	52.2	16	1011.0	1869.0	1.752888
3	2	56.3	6	1638.0	-	2.322954
4	3	88.9	16	1698.0	1315.0	3.329512
5	2	69.3	17	1138.0	-	4.238634
6	2	50.9	9	1570.0	-	5.605825
7	2	63.0	17	1734.0	-	6.689105
8	2	54.4	8	1176.0	-	7.635360
9	2	95.5	5	1903.0	-	8.587538
10	3	98.7	17	1091.0	1132.0	9.162069
11	1	78.8	18	-	-	10.657079
12	2	64.5	8	1634.0	-	11.874748

Table 33 - Long Sequence Waveform Trial#14 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	76.9	15	-	-	0.685696
2	2	74.0	13	1258.0	-	1.774339
3	2	55.6	13	1601.0	-	3.435617
4	3	93.9	11	1682.0	1753.0	3.668626
5	3	79.8	6	1480.0	1678.0	5.545979
6	2	52.0	16	1185.0	-	6.947822
7	2	70.2	17	1942.0	-	8.006575
8	1	52.9	9	-	-	9.041450
9	2	78.1	8	1627.0	-	10.017503
10	2	52.8	6	1521.0	-	10.847256

Table 34 - Long Sequence Waveform Trial#15 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.7	20	1323.0	-	0.446461
2	1	57.6	12	-	-	0.900433
3	3	62.1	13	1197.0	1131.0	2.026575
4	2	71.9	12	1792.0	-	2.241155
5	2	98.2	15	1544.0	-	3.464398
6	1	75.2	16	-	-	3.925503
7	3	67.2	16	1669.0	1841.0	4.294245
8	2	79.8	14	1574.0	-	5.103723
9	3	57.5	11	1841.0	1268.0	5.915147
10	3	53.7	6	1980.0	1694.0	6.371236
11	3	57.8	7	1355.0	1375.0	7.384514
12	1	82.4	14	-	-	8.130253
13	2	91.7	13	1452.0	-	8.491346
14	1	79.7	12	-	-	9.361329
15	2	63.2	11	1267.0	-	10.562173
16	2	78.2	7	1176.0	-	10.688587
17	2	50.9	16	1967.0	-	11.414639

Table 35 - Long Sequence Waveform Trial#16 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.0	18	1585.0	-	0.557964
2	1	98.1	18	-	-	0.780763
3	2	65.9	18	1580.0	-	1.549493
4	3	75.7	6	1905.0	1790.0	1.823154
5	2	80.5	8	1969.0	-	2.749613
6	3	67.2	11	1497.0	1761.0	3.468389
7	2	85.0	16	1902.0	-	3.880737
8	2	65.1	19	1170.0	-	4.255808
9	2	51.3	18	1125.0	-	4.884903
10	1	75.6	13	-	-	5.496149
11	1	50.3	9	-	-	6.513264
12	3	53.5	20	1023.0	1414.0	6.683654
13	3	93.3	15	1620.0	1589.0	7.243393
14	1	80.0	10	-	-	8.135573
15	2	99.9	17	1343.0	-	8.431908
16	2	52.8	6	1591.0	-	9.032680
17	2	79.1	14	1951.0	-	9.913112
18	2	93.3	20	1082.0	-	10.685521
19	1	97.3	7	-	-	10.894031
20	2	60.5	12	1609.0	-	11.759046

Table 36 - Long Sequence Waveform Trial#17 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.4	11	-	-	0.301716
2	2	63.6	18	1841.0	-	0.930756
3	3	93.9	9	1521.0	1757.0	2.190026
4	2	83.3	20	1836.0	-	2.288937
5	2	74.4	18	1793.0	-	3.115861
6	2	61.4	11	1355.0	-	4.076202
7	1	53.0	12	-	-	4.589106
8	3	67.4	10	1544.0	1770.0	5.793459
9	2	85.6	13	1525.0	-	6.712109
10	2	66.9	14	1982.0	-	6.909420
11	1	68.7	17	-	-	7.829484
12	3	70.0	7	1579.0	1868.0	8.658322
13	2	69.3	18	1533.0	-	9.045930
14	3	77.9	9	1852.0	1361.0	9.942578
15	2	58.8	14	1722.0	-	10.703398
16	3	95.8	9	1342.0	1548.0	11.820754

Table 37 - Long Sequence Waveform Trial#18 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	74.6	19	1119.0	-	0.294804
2	1	90.5	15	-	-	1.315752
3	1	92.5	10	-	-	2.068419
4	2	92.0	18	1214.0	-	2.833114
5	2	54.5	15	1597.0	-	3.943330
6	2	61.5	19	1910.0	-	4.047103
7	2	60.7	17	1067.0	-	5.349777
8	2	81.3	12	1030.0	-	6.288306
9	3	92.1	10	1629.0	1382.0	7.141892
10	1	77.9	13	-	-	7.486122
11	1	57.9	19	-	-	8.126386
12	2	72.8	15	1303.0	-	9.494002
13	2	69.1	18	1386.0	-	9.713120
14	2	75.1	13	1594.0	-	10.902330
15	1	58.7	14	-	-	11.391349

Table 38 - Long Sequence Waveform Trial#19 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	84.4	8	1098.0	-	0.893450
2	3	92.5	13	1640.0	1826.0	1.337236
3	1	65.7	16	-	-	3.437924
4	2	51.5	17	1374.0	-	5.273919
5	2	76.9	13	1663.0	-	5.972736
6	1	59.3	11	-	-	7.404235
7	2	72.1	11	1860.0	-	8.590203
8	2	79.7	16	1005.0	-	10.043872
9	2	75.9	17	1834.0	-	10.835513

Table 39 - Long Sequence Waveform Trial#20 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.3	13	1005.0	-	0.350913
2	2	55.6	12	1444.0	-	1.627563
3	3	93.0	10	1546.0	1786.0	1.847697
4	2	78.6	17	1517.0	-	2.968823
5	3	70.7	20	1562.0	1827.0	3.667103
6	2	59.9	14	1506.0	-	4.835370
7	3	67.1	10	1975.0	1897.0	5.259007
8	3	85.2	14	1807.0	1804.0	6.842458
9	1	82.2	9	-	-	7.243140
10	1	67.4	16	-	-	8.319761
11	2	99.8	19	1352.0	-	9.012412
12	1	52.6	6	-	-	9.527950
13	1	89.1	9	-	-	10.644870
14	2	86.5	17	1920.0	-	11.304146

Table 40 - Long Sequence Waveform Trial#21 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	66.4	6	1022.0	1930.0	0.637745
2	2	64.5	15	1879.0	-	1.244599
3	3	96.2	20	1694.0	1755.0	1.842740
4	2	86.6	8	1737.0	-	2.391053
5	2	75.4	11	1113.0	-	3.104145
6	1	85.4	6	-	-	4.023848
7	2	54.9	9	1523.0	-	4.355159
8	1	89.7	8	-	-	5.544404
9	3	90.6	11	1699.0	1626.0	5.975050
10	2	75.1	15	1382.0	-	6.414363
11	3	80.0	10	1915.0	1136.0	7.619147
12	2	86.6	16	1213.0	-	8.405037
13	2	92.1	10	1167.0	-	8.597998
14	1	85.1	6	-	-	9.620494
15	2	56.9	14	1121.0	-	9.956151
16	2	83.8	17	1308.0	-	10.611934
17	3	57.2	7	1056.0	1011.0	11.473878

Table 41 - Long Sequence Waveform Trial#22 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.1	5	1711.0	-	0.475139
2	2	94.0	17	1082.0	-	1.807356
3	1	69.5	14	-	-	2.049847
4	3	79.2	9	1317.0	1517.0	3.842068
5	3	93.6	19	1106.0	1711.0	4.757129
6	2	58.7	13	1267.0	-	5.760840
7	1	84.4	17	-	-	6.990053
8	2	99.3	20	1094.0	-	7.745928
9	1	52.3	13	-	-	8.050323
10	3	65.6	10	1855.0	1591.0	9.682374
11	3	79.3	18	1985.0	1592.0	10.930270
12	2	59.7	9	1863.0	-	11.161152

Table 42 - Long Sequence Waveform Trial#23 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	58.8	15	1363.0	1816.0	0.694118
2	2	81.4	13	1978.0	-	1.309864
3	2	89.2	8	1800.0	-	1.774217
4	2	82.1	8	1191.0	-	2.745144
5	2	50.7	19	1056.0	-	3.376531
6	1	66.7	8	-	-	4.207264
7	2	62.8	12	1746.0	-	4.278576
8	3	52.8	7	1382.0	1298.0	5.466176
9	2	81.8	9	1984.0	-	5.963674
10	2	77.3	9	1933.0	-	6.873317
11	2	84.2	10	1076.0	-	7.182028
12	3	71.1	19	1659.0	1292.0	8.239227
13	2	96.7	19	1359.0	-	8.806389
14	2	59.2	13	1161.0	-	9.487808
15	3	50.8	14	1285.0	1458.0	9.933058
16	1	79.8	20	-	-	10.929994
17	1	77.9	14	-	-	11.766889

Table 43 - Long Sequence Waveform Trial#24 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	95.7	7	1014.0	1549.0	0.962484
2	1	75.2	12	-	-	2.545776
3	2	51.1	19	1892.0	-	3.906016
4	2	95.2	18	1644.0	-	4.570686
5	2	83.6	18	1168.0	-	5.927465
6	3	88.3	10	1120.0	1025.0	7.098657
7	2	81.4	6	1970.0	-	8.762051
8	1	61.8	5	-	-	10.100544
9	3	99.3	12	1900.0	1619.0	11.056668

Table 44 - Long Sequence Waveform Trial#25 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.8	16	1304.0	-	0.063649
2	2	91.5	17	1671.0	-	1.535088
3	1	58.9	13	-	-	2.006541
4	3	52.0	16	1995.0	1726.0	2.942125
5	1	82.6	5	-	-	4.271865
6	3	56.0	18	1187.0	1200.0	4.548755
7	2	91.0	20	1874.0	-	5.462915
8	3	99.3	14	1424.0	1531.0	6.313760
9	3	78.5	15	1288.0	1768.0	7.707673
10	1	71.3	9	-	-	8.548840
11	2	78.2	6	1952.0	-	9.001938
12	1	93.1	16	-	-	9.783054
13	3	64.8	7	1953.0	1848.0	11.094852
14	2	79.4	10	1050.0	-	11.924471

Table 45 - Long Sequence Waveform Trial#26 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.2	9	1291.0	-	0.027109
2	1	62.7	18	-	-	2.205525
3	2	63.6	7	1370.0	-	2.707016
4	1	97.0	16	-	-	4.463969
5	2	97.7	12	1842.0	-	5.923400
6	2	80.0	18	1068.0	-	7.042177
7	3	74.6	17	1217.0	1133.0	7.853781
8	2	56.0	6	1806.0	-	8.556294
9	3	86.8	6	1995.0	1034.0	10.653021
10	1	52.4	6	-	-	11.872469

Table 46 - Long Sequence Waveform Trial#27 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.7	14	1194.0	-	0.558311
2	3	88.2	8	1472.0	1731.0	1.345383
3	3	72.7	8	1302.0	1526.0	3.105367
4	3	93.3	5	1991.0	1589.0	3.319304
5	1	58.9	8	-	-	4.583381
6	3	92.4	17	1077.0	1953.0	6.142410
7	2	78.9	19	1730.0	-	7.391114
8	2	59.0	15	1800.0	-	8.294136
9	3	52.0	16	1980.0	1466.0	9.379538
10	1	61.2	18	-	-	10.763805
11	3	75.2	17	1253.0	1248.0	11.660926

Table 47 - Long Sequence Waveform Trial#28 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.5	13	1421.0	-	0.172050
2	2	54.2	19	1819.0	-	0.866351
3	2	62.5	18	1187.0	-	1.492851
4	3	98.4	8	1673.0	1785.0	1.962913
5	1	92.8	9	-	-	2.709763
6	3	68.5	5	1673.0	1610.0	3.035462
7	2	99.4	19	1976.0	-	3.704816
8	1	67.1	19	-	-	4.357743
9	3	95.6	18	1083.0	1973.0	5.093339
10	3	76.6	6	1131.0	1651.0	5.867684
11	1	62.6	9	-	-	6.512490
12	3	62.2	6	1305.0	1369.0	6.630741
13	3	74.2	7	1508.0	1807.0	7.215261
14	2	97.7	5	1880.0	-	8.352410
15	3	62.1	11	1544.0	1764.0	8.729789
16	2	53.2	10	1871.0	-	9.198291
17	2	97.6	5	1348.0	-	9.637457
18	3	54.1	8	1297.0	1163.0	10.235949
19	2	61.1	18	1094.0	-	11.355302
20	2	90.1	15	1480.0	-	11.480431

Table 48 - Long Sequence Waveform Trial#29 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.5	16	1668.0	-	0.291977
2	2	94.0	17	1411.0	-	1.232836
3	2	58.3	17	1883.0	-	2.657047
4	3	84.4	20	1918.0	1499.0	3.823874
5	3	50.1	17	1245.0	1633.0	5.044765
6	2	80.0	15	1286.0	-	6.221896
7	2	94.2	7	1573.0	-	6.908534
8	2	97.6	7	1991.0	-	8.376407
9	3	84.9	12	1690.0	1128.0	9.246716
10	3	57.9	19	1704.0	1684.0	10.832331
11	2	66.3	17	1841.0	-	10.951439

Table 49 - Long Sequence Waveform Trial#30 (Detected) Single Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.7	15	1435.0	-	0.458475
2	2	71.7	17	1125.0	-	1.241631
3	2	55.5	12	1435.0	-	1.632123
4	1	51.7	12	-	-	2.570270
5	2	78.4	11	1173.0	-	3.876661
6	2	53.5	18	1374.0	-	4.445836
7	3	66.3	10	1565.0	1387.0	4.898167
8	2	93.0	14	1924.0	-	6.364648
9	2	67.5	10	1912.0	-	6.524072
10	2	82.1	11	1132.0	-	7.893047
11	2	68.5	11	1704.0	-	8.519482
12	3	98.3	10	1601.0	1892.0	8.916698
13	2	51.4	10	1829.0	-	10.089081
14	2	91.6	11	1059.0	-	11.098927
15	2	86.9	10	1475.0	-	11.940756

Table 50 - FCC Short Pulse Radar (Type 1) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	No	5505.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	No	5515.0MHz, -63.0dBm	Single burst

Table 51 - FCC Short Pulse Radar (Type 2) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	28	1.7	206.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	24	4.8	218.0	No	5505.0MHz, -63.0dBm	Single burst
3	24	1.2	201.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	29	1.5	218.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	27	2.2	180.0	No	5515.0MHz, -63.0dBm	Single burst
6	27	1.7	219.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	25	2.4	227.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	24	4.5	183.0	No	5500.0MHz, -63.0dBm	Single burst
9	25	3.0	163.0	No	5520.0MHz, -63.0dBm	Single burst
10	26	4.5	207.0	No	5515.0MHz, -63.0dBm	Single burst
11	26	2.7	164.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	29	2.6	176.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	25	3.0	204.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	28	2.4	185.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	25	4.9	204.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	27	4.7	154.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	24	1.9	228.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	24	3.2	185.0	No	5500.0MHz, -63.0dBm	Single burst
19	23	1.9	194.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	27	3.8	204.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	26	1.1	193.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	28	2.9	223.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	28	2.8	210.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	27	1.1	180.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	27	3.5	150.0	No	5515.0MHz, -63.0dBm	Single burst
26	25	3.1	208.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	24	1.5	228.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	28	3.7	215.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	29	4.5	205.0	No	5520.0MHz, -63.0dBm	Single burst
30	24	4.6	228.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 52 - FCC Short Pulse Radar (Type 3) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	9.8	294.0	No	5510.0MHz, -63.0dBm	Single burst
2	17	6.3	338.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	17	7.0	248.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	18	6.6	249.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	17	7.1	308.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	18	6.8	296.0	No	5510.0MHz, -63.0dBm	Single burst
7	18	9.3	499.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	16	6.7	243.0	No	5500.0MHz, -63.0dBm	Single burst
9	16	8.0	424.0	No	5520.0MHz, -63.0dBm	Single burst
10	18	8.9	475.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	18	8.9	356.0	No	5510.0MHz, -63.0dBm	Single burst
12	17	9.1	242.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	16	9.5	331.0	No	5500.0MHz, -63.0dBm	Single burst
14	17	7.2	461.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	16	9.5	358.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	17	7.8	498.0	No	5510.0MHz, -63.0dBm	Single burst
17	17	8.9	427.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	16	9.9	393.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	16	8.7	223.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	17	6.5	231.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	18	6.6	261.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	17	6.6	475.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	18	9.7	380.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	17	7.6	381.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	18	8.9	299.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	18	6.5	483.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	17	9.3	462.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	18	8.9	305.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	17	6.4	337.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	16	6.4	495.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 53 - FCC Short Pulse Radar (Type 4) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	12	13.0	411.0	No	5510.0MHz, -63.0dBm	Single burst
2	14	12.8	404.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	15	16.6	461.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	15	16.5	279.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	14	13.4	339.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	13	17.4	488.0	No	5510.0MHz, -63.0dBm	Single burst
7	13	17.1	393.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	13	19.7	478.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	15	19.5	343.0	No	5520.0MHz, -63.0dBm	Single burst
10	16	14.4	408.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	13	13.1	443.0	No	5510.0MHz, -63.0dBm	Single burst
12	12	14.1	400.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	12	19.3	296.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	14	14.9	323.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	14	14.9	341.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	13	19.1	280.0	No	5510.0MHz, -63.0dBm	Single burst
17	15	19.8	362.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	15	11.7	468.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	12	19.0	374.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	15	12.7	245.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	13	14.9	483.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	12	12.7	310.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	14	13.1	246.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	14	15.6	260.0	No	5520.0MHz, -63.0dBm	Single burst
25	16	15.4	386.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	12	15.2	209.0	No	5510.0MHz, -63.0dBm	Single burst
27	13	13.5	213.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	13	12.6	266.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	16	16.1	474.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	15	14.2	406.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5490.0MHz, -63.0dBm	Hop sequence: 5670, 5257, 5543, 5657, 5476, 5496, 5541, 5492, 5390, 5419, 5254, 5315, 5506, 5252, 5409, 5553, 5540, 5289, 5603, 5263, 5268, 5354, 5264, 5639, 5489, 5537, 5544, 5674, 5302, 5665, 5376, 5586, 5349, 5645, 5290, 5273, 5619, 5436, 5276, 5612, 5422, 5702, 5722, 5474, 5576, 5510, 5333, 5648, 5308, 5698, 5678, 5395, 5375, 5449, 5507, 5547, 5445, 5365, 5609, 5285, 5309, 5391, 5542, 5666, 5461, 5695, 5314, 5524, 5514, 5306, 5493, 5351, 5577, 5324, 5613, 5460, 5593, 5573, 5322, 5307, 5672, 5296, 5508, 5288, 5564, 5652, 5705, 5590, 5356, 5358, 5517, 5297, 5706, 5637, 5379, 5281, 5602, 5411, 5529, 5342 (7 hits)
2	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5256, 5518, 5515, 5379, 5445, 5381, 5405, 5723, 5544, 5329, 5281, 5305, 5343, 5556, 5376, 5356, 5434, 5499, 5657, 5584, 5527, 5441, 5315, 5272, 5547, 5459, 5344, 5709, 5674, 5431, 5665, 5614, 5318, 5312, 5253, 5457, 5474, 5454, 5428, 5339, 5365, 5621, 5287, 5637, 5680, 5371, 5448, 5687, 5440, 5351, 5642, 5432, 5442, 5496, 5451, 5479, 5519, 5681, 5605, 5514, 5349, 5695, 5573, 5453, 5461, 5465, 5521, 5297, 5690, 5393, 5599, 5716, 5438, 5706, 5304, 5267, 5348, 5590, 5540, 5458, 5302, 5592, 5489, 5653, 5429, 5512, 5291, 5678, 5332, 5355, 5488, 5645, 5676, 5579, 5625, 5456, 5722, 5310, 5677, 5374 (2 hits)
3	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5363, 5527, 5567, 5402, 5492, 5565, 5441, 5669, 5633, 5534, 5503, 5596, 5699, 5692, 5289, 5399, 5443, 5300, 5427, 5290, 5715, 5511, 5459, 5693, 5539, 5257, 5384, 5557, 5609, 5625, 5490, 5487, 5319, 5406, 5481, 5599, 5282, 5389, 5255, 5254, 5334, 5400, 5547, 5393, 5417, 5436, 5426, 5279, 5474, 5526, 5307, 5550, 5723, 5404, 5707, 5372, 5535, 5662,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5409, 5623, 5618, 5464, 5537, 5329, 5296, 5650, 5642, 5292, 5327, 5573, 5512, 5383, 5475, 5524, 5566, 5478, 5365, 5452, 5310, 5708, 5313, 5584, 5482, 5485, 5388, 5341, 5630, 5583, 5454, 5494, 5467, 5326, 5345, 5413, 5520, 5558, 5472, 5686, 5403, 5506 (10 hits)
4	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5449, 5603, 5281, 5363, 5458, 5391, 5286, 5268, 5451, 5536, 5622, 5421, 5407, 5389, 5594, 5673, 5697, 5653, 5367, 5552, 5385, 5331, 5726, 5722, 5608, 5701, 5531, 5288, 5323, 5669, 5307, 5494, 5258, 5570, 5260, 5425, 5337, 5511, 5516, 5539, 5480, 5351, 5599, 5575, 5501, 5309, 5399, 5296, 5698, 5447, 5639, 5587, 5647, 5329, 5614, 5362, 5453, 5369, 5310, 5675, 5317, 5349, 5692, 5627, 5374, 5400, 5582, 5387, 5263, 5433, 5446, 5518, 5592, 5504, 5365, 5588, 5557, 5506, 5607, 5684, 5403, 5589, 5314, 5508, 5619, 5725, 5347, 5693, 5284, 5372, 5316, 5718, 5467, 5364, 5445, 5584, 5585, 5555, 5300, 5679 (8 hits) (04/02/2013 03:00:06 PM)
5	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5423, 5517, 5673, 5408, 5461, 5638, 5720, 5699, 5701, 5397, 5294, 5435, 5439, 5665, 5337, 5615, 5566, 5543, 5346, 5322, 5319, 5679, 5574, 5707, 5427, 5712, 5368, 5591, 5331, 5484, 5292, 5355, 5257, 5469, 5686, 5663, 5374, 5667, 5572, 5639, 5606, 5630, 5369, 5611, 5329, 5363, 5467, 5336, 5659, 5438, 5442, 5412, 5621, 5445, 5468, 5651, 5259, 5685, 5510, 5332, 5478, 5575, 5705, 5668, 5618, 5576, 5342, 5421, 5494, 5655, 5721, 5297, 5682, 5516, 5696, 5564, 5429, 5409, 5387, 5316, 5291, 5480, 5456, 5457, 5489, 5704, 5513, 5298, 5687, 5642, 5641, 5684, 5407, 5577, 5315, 5396, 5650, 5644, 5537, 5622 (5 hits) (04/02/2013 03:00:14 PM)
6	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5623, 5270, 5375, 5564, 5684, 5433, 5447, 5289,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5426, 5292, 5545, 5521, 5523, 5655, 5365, 5654, 5677, 5472, 5676, 5660, 5726, 5296, 5620, 5383, 5371, 5351, 5709, 5661, 5558, 5641, 5485, 5705, 5598, 5435, 5496, 5419, 5720, 5549, 5303, 5492, 5285, 5395, 5613, 5673, 5635, 5369, 5459, 5645, 5445, 5288, 5555, 5284, 5258, 5599, 5378, 5295, 5277, 5279, 5287, 5480, 5333, 5336, 5384, 5341, 5656, 5704, 5482, 5476, 5686, 5381, 5408, 5527, 5624, 5674, 5376, 5504, 5582, 5263, 5678, 5421, 5590, 5449, 5712, 5715, 5626, 5331, 5691, 5455, 5443, 5627, 5597, 5325, 5326, 5629, 5612, 5505, 5591, 5338, 5450, 5493 (8 hits)
7	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5556, 5450, 5563, 5324, 5631, 5676, 5716, 5358, 5571, 5511, 5460, 5543, 5501, 5640, 5349, 5655, 5566, 5554, 5404, 5707, 5447, 5385, 5579, 5373, 5666, 5636, 5678, 5432, 5697, 5706, 5491, 5661, 5505, 5430, 5669, 5629, 5427, 5290, 5524, 5310, 5421, 5687, 5463, 5474, 5472, 5585, 5611, 5496, 5575, 5286, 5319, 5684, 5557, 5548, 5405, 5672, 5513, 5533, 5406, 5545, 5704, 5287, 5537, 5261, 5382, 5480, 5402, 5254, 5599, 5375, 5708, 5527, 5702, 5591, 5295, 5526, 5564, 5456, 5576, 5475, 5583, 5292, 5380, 5665, 5264, 5399, 5525, 5362, 5651, 5263, 5267, 5572, 5623, 5674, 5653, 5621, 5251, 5353, 5471, 5680 (9 hits)
8	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5700, 5602, 5351, 5514, 5293, 5646, 5665, 5564, 5389, 5630, 5581, 5266, 5530, 5320, 5688, 5251, 5440, 5390, 5719, 5405, 5592, 5396, 5375, 5713, 5633, 5388, 5326, 5709, 5522, 5693, 5288, 5498, 5441, 5276, 5437, 5464, 5551, 5711, 5299, 5681, 5376, 5539, 5490, 5695, 5470, 5350, 5382, 5503, 5485, 5627, 5279, 5295, 5342, 5381, 5263, 5283, 5486, 5316, 5354, 5648, 5328, 5256, 5321, 5286, 5364, 5446, 5692, 5634, 5311, 5516, 5535, 5346, 5558,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5443, 5305, 5721, 5374, 5427, 5404, 5574, 5398, 5471, 5324, 5456, 5491, 5452, 5603, 5725, 5472, 5685, 5418, 5432, 5511, 5689, 5697, 5421, 5707, 5520, 5347, 5598 (7 hits)
9	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5440, 5515, 5489, 5339, 5423, 5552, 5641, 5267, 5422, 5479, 5410, 5534, 5350, 5656, 5606, 5471, 5508, 5516, 5637, 5511, 5366, 5673, 5480, 5456, 5583, 5584, 5495, 5421, 5564, 5481, 5622, 5512, 5469, 5493, 5354, 5587, 5352, 5631, 5313, 5693, 5617, 5359, 5434, 5562, 5499, 5601, 5343, 5464, 5572, 5461, 5543, 5719, 5436, 5674, 5286, 5419, 5611, 5370, 5502, 5638, 5580, 5254, 5466, 5333, 5340, 5557, 5363, 5582, 5573, 5426, 5514, 5596, 5644, 5619, 5300, 5295, 5599, 5520, 5262, 5575, 5590, 5378, 5663, 5665, 5406, 5677, 5712, 5539, 5455, 5683, 5376, 5494, 5336, 5532, 5548, 5566, 5273, 5675, 5626, 5294 (12 hits)
10	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5533, 5440, 5644, 5400, 5470, 5469, 5590, 5472, 5582, 5316, 5466, 5391, 5329, 5261, 5658, 5311, 5282, 5301, 5657, 5514, 5650, 5308, 5276, 5501, 5713, 5637, 5333, 5503, 5534, 5445, 5684, 5507, 5439, 5256, 5419, 5432, 5450, 5605, 5337, 5725, 5299, 5365, 5578, 5263, 5366, 5273, 5528, 5602, 5703, 5689, 5352, 5491, 5591, 5315, 5429, 5606, 5447, 5583, 5420, 5375, 5385, 5267, 5547, 5460, 5497, 5251, 5717, 5287, 5609, 5700, 5598, 5520, 5592, 5418, 5595, 5260, 5473, 5721, 5561, 5258, 5321, 5453, 5539, 5675, 5294, 5690, 5417, 5530, 5597, 5521, 5580, 5395, 5706, 5695, 5406, 5593, 5585, 5647, 5679, 5642 (8 hits)
11	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5405, 5513, 5356, 5274, 5453, 5609, 5681, 5508, 5560, 5703, 5706, 5375, 5449, 5532, 5562, 5555, 5363, 5705, 5298, 5521, 5724, 5688, 5533, 5631, 5317, 5494, 5471, 5577, 5569, 5517, 5624, 5531, 5365,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5312, 5427, 5477, 5343, 5491, 5360, 5657, 5702, 5413, 5645, 5372, 5474, 5642, 5682, 5614, 5255, 5306, 5499, 5551, 5679, 5315, 5711, 5659, 5276, 5277, 5625, 5720, 5328, 5257, 5430, 5296, 5417, 5327, 5472, 5384, 5637, 5586, 5273, 5404, 5303, 5485, 5304, 5715, 5558, 5351, 5662, 5280, 5512, 5597, 5526, 5709, 5489, 5340, 5650, 5460, 5483, 5444, 5559, 5567, 5568, 5333, 5286, 5594, 5723, 5272, 5605, 5389 (8 hits)
12	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5445, 5442, 5300, 5324, 5384, 5699, 5291, 5400, 5329, 5605, 5700, 5471, 5339, 5662, 5327, 5342, 5373, 5374, 5362, 5633, 5345, 5515, 5584, 5708, 5682, 5516, 5408, 5597, 5311, 5712, 5351, 5579, 5608, 5586, 5512, 5607, 5504, 5606, 5585, 5446, 5531, 5668, 5523, 5363, 5253, 5448, 5495, 5314, 5452, 5469, 5578, 5646, 5421, 5576, 5481, 5718, 5673, 5612, 5648, 5629, 5326, 5318, 5631, 5703, 5505, 5366, 5325, 5396, 5706, 5490, 5501, 5520, 5478, 5487, 5552, 5431, 5527, 5269, 5588, 5484, 5307, 5657, 5570, 5701, 5697, 5562, 5567, 5616, 5524, 5298, 5641, 5722, 5385, 5277, 5522, 5514, 5581, 5308, 5352, 5260 (13 hits)
13	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5359, 5585, 5407, 5633, 5556, 5410, 5455, 5255, 5612, 5379, 5472, 5672, 5546, 5510, 5615, 5306, 5502, 5539, 5319, 5347, 5350, 5599, 5405, 5537, 5545, 5705, 5648, 5536, 5631, 5663, 5564, 5437, 5569, 5531, 5435, 5462, 5683, 5322, 5667, 5680, 5400, 5310, 5575, 5720, 5533, 5485, 5678, 5411, 5475, 5269, 5378, 5686, 5618, 5650, 5551, 5557, 5340, 5604, 5439, 5525, 5440, 5408, 5707, 5681, 5441, 5452, 5297, 5321, 5377, 5666, 5284, 5558, 5486, 5616, 5394, 5460, 5647, 5710, 5563, 5482, 5596, 5530, 5300, 5429, 5691, 5554, 5339, 5459, 5587, 5549, 5697, 5356, 5374, 5289, 5468, 5415, 5268, 5594,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5724, 5311 (3 hits)
14	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5401, 5360, 5500, 5724, 5268, 5712, 5496, 5286, 5490, 5709, 5376, 5442, 5504, 5256, 5353, 5628, 5339, 5358, 5404, 5441, 5710, 5461, 5262, 5582, 5390, 5555, 5316, 5699, 5407, 5372, 5335, 5280, 5486, 5488, 5568, 5432, 5588, 5527, 5254, 5530, 5381, 5304, 5619, 5572, 5383, 5499, 5620, 5686, 5296, 5567, 5711, 5459, 5473, 5278, 5444, 5391, 5313, 5429, 5640, 5485, 5448, 5364, 5367, 5694, 5613, 5594, 5405, 5298, 5315, 5342, 5435, 5647, 5661, 5669, 5702, 5692, 5546, 5497, 5299, 5622, 5430, 5663, 5470, 5656, 5517, 5349, 5310, 5653, 5638, 5581, 5677, 5402, 5456, 5377, 5570, 5671, 5648, 5306, 5457, 5706 (7 hits)
15	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5527, 5385, 5515, 5551, 5314, 5357, 5528, 5702, 5304, 5286, 5557, 5341, 5285, 5406, 5331, 5665, 5348, 5351, 5325, 5279, 5296, 5636, 5324, 5364, 5359, 5542, 5338, 5722, 5503, 5468, 5584, 5640, 5327, 5403, 5265, 5264, 5254, 5293, 5661, 5610, 5663, 5407, 5635, 5473, 5355, 5511, 5447, 5591, 5559, 5393, 5666, 5431, 5499, 5532, 5678, 5599, 5567, 5643, 5622, 5565, 5437, 5514, 5258, 5553, 5400, 5484, 5361, 5423, 5684, 5655, 5723, 5534, 5548, 5704, 5645, 5710, 5270, 5715, 5605, 5410, 5490, 5509, 5415, 5312, 5382, 5681, 5696, 5310, 5549, 5577, 5340, 5469, 5483, 5354, 5524, 5460, 5498, 5443, 5677, 5601 (10 hits)
16	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5419, 5555, 5640, 5412, 5650, 5537, 5584, 5480, 5589, 5704, 5627, 5411, 5297, 5602, 5664, 5323, 5433, 5721, 5672, 5622, 5570, 5255, 5256, 5279, 5472, 5697, 5557, 5476, 5663, 5298, 5325, 5383, 5577, 5482, 5725, 5382, 5388, 5702, 5545, 5554, 5717, 5283, 5252, 5291, 5715, 5271, 5319, 5682, 5375, 5340, 5339, 5688, 5549, 5504, 5254, 5258, 5628, 5531,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5292, 5409, 5418, 5667, 5429, 5678, 5651, 5719, 5603, 5365, 5542, 5359, 5294, 5314, 5470, 5522, 5468, 5423, 5387, 5417, 5723, 5328, 5629, 5318, 5536, 5648, 5385, 5302, 5384, 5304, 5450, 5552, 5590, 5708, 5257, 5506, 5698, 5320, 5634, 5714, 5625, 5525 (4 hits)
17	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5377, 5655, 5475, 5622, 5563, 5581, 5559, 5339, 5455, 5452, 5693, 5660, 5599, 5674, 5531, 5288, 5511, 5257, 5649, 5662, 5719, 5676, 5250, 5465, 5427, 5308, 5375, 5642, 5643, 5303, 5468, 5422, 5691, 5620, 5483, 5357, 5623, 5382, 5692, 5645, 5413, 5634, 5349, 5400, 5405, 5601, 5698, 5273, 5329, 5571, 5538, 5443, 5588, 5312, 5519, 5696, 5437, 5451, 5373, 5490, 5672, 5417, 5718, 5348, 5498, 5502, 5661, 5555, 5474, 5537, 5644, 5580, 5275, 5457, 5315, 5449, 5489, 5266, 5263, 5695, 5395, 5646, 5587, 5610, 5667, 5365, 5268, 5624, 5492, 5325, 5264, 5518, 5694, 5478, 5647, 5277, 5418, 5626, 5553, 5304 (6 hits)
18	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5594, 5330, 5478, 5274, 5463, 5376, 5308, 5326, 5690, 5653, 5616, 5587, 5418, 5677, 5490, 5367, 5437, 5345, 5580, 5489, 5496, 5499, 5365, 5435, 5586, 5501, 5666, 5259, 5323, 5569, 5576, 5443, 5688, 5562, 5526, 5536, 5403, 5660, 5468, 5366, 5614, 5257, 5692, 5664, 5519, 5547, 5637, 5674, 5661, 5291, 5584, 5467, 5667, 5479, 5533, 5389, 5348, 5442, 5282, 5314, 5361, 5670, 5349, 5721, 5322, 5551, 5700, 5678, 5545, 5505, 5577, 5518, 5469, 5375, 5624, 5644, 5557, 5304, 5564, 5342, 5411, 5382, 5392, 5704, 5523, 5352, 5460, 5287, 5638, 5639, 5528, 5321, 5497, 5331, 5368, 5491, 5618, 5480, 5572, 5374 (10 hits)
19	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5459, 5477, 5706, 5651, 5677, 5661, 5254, 5556, 5550, 5473, 5537, 5420, 5292, 5255, 5468, 5615, 5513, 5519,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5686, 5620, 5612, 5585, 5601, 5415, 5358, 5579, 5663, 5317, 5613, 5719, 5638, 5366, 5354, 5257, 5319, 5501, 5697, 5611, 5274, 5508, 5475, 5535, 5314, 5284, 5689, 5517, 5533, 5357, 5526, 5364, 5524, 5446, 5696, 5419, 5414, 5344, 5607, 5425, 5484, 5380, 5628, 5669, 5521, 5370, 5362, 5442, 5447, 5667, 5346, 5709, 5562, 5289, 5405, 5499, 5474, 5532, 5391, 5699, 5539, 5563, 5591, 5464, 5687, 5565, 5261, 5422, 5430, 5479, 5555, 5306, 5335, 5491, 5386, 5509, 5598, 5497, 5527, 5307, 5571, 5616 (12 hits)
20	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5518, 5263, 5693, 5581, 5312, 5675, 5447, 5712, 5463, 5333, 5501, 5510, 5309, 5319, 5698, 5513, 5364, 5338, 5396, 5682, 5587, 5517, 5451, 5458, 5679, 5578, 5710, 5554, 5537, 5390, 5443, 5315, 5353, 5667, 5303, 5392, 5406, 5615, 5467, 5606, 5610, 5357, 5264, 5462, 5705, 5329, 5367, 5541, 5371, 5627, 5516, 5305, 5418, 5591, 5389, 5614, 5619, 5279, 5470, 5438, 5307, 5477, 5680, 5325, 5593, 5686, 5595, 5413, 5253, 5358, 5464, 5612, 5442, 5412, 5496, 5399, 5348, 5575, 5706, 5714, 5583, 5520, 5694, 5293, 5620, 5709, 5617, 5489, 5660, 5455, 5522, 5335, 5423, 5624, 5428, 5366, 5354, 5402, 5363, 5360 (9 hits)
21	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5502, 5521, 5515, 5638, 5679, 5717, 5497, 5405, 5647, 5506, 5476, 5452, 5549, 5705, 5439, 5525, 5295, 5301, 5696, 5278, 5360, 5280, 5270, 5314, 5445, 5317, 5707, 5404, 5501, 5257, 5424, 5584, 5468, 5653, 5251, 5675, 5392, 5660, 5563, 5261, 5419, 5579, 5450, 5291, 5361, 5566, 5598, 5363, 5544, 5309, 5529, 5399, 5342, 5715, 5519, 5669, 5410, 5353, 5722, 5480, 5438, 5464, 5329, 5552, 5470, 5288, 5527, 5599, 5517, 5311, 5446, 5266, 5428, 5479, 5597, 5273, 5721, 5284, 5542, 5458, 5677, 5561, 5463,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5327, 5331, 5378, 5258, 5493, 5429, 5611, 5570, 5559, 5725, 5685, 5436, 5447, 5287, 5695, 5386, 5484 (11 hits)
22	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5460, 5537, 5263, 5704, 5680, 5398, 5497, 5579, 5268, 5584, 5420, 5535, 5510, 5471, 5417, 5464, 5472, 5524, 5477, 5310, 5696, 5257, 5418, 5640, 5421, 5637, 5511, 5465, 5275, 5549, 5407, 5260, 5439, 5347, 5493, 5467, 5602, 5703, 5489, 5582, 5317, 5316, 5389, 5273, 5564, 5488, 5691, 5541, 5287, 5665, 5555, 5639, 5519, 5485, 5577, 5556, 5438, 5578, 5311, 5572, 5453, 5442, 5699, 5380, 5562, 5466, 5341, 5587, 5672, 5723, 5360, 5284, 5320, 5357, 5512, 5521, 5530, 5688, 5624, 5538, 5429, 5628, 5616, 5684, 5379, 5377, 5614, 5592, 5355, 5342, 5312, 5648, 5589, 5686, 5714, 5567, 5351, 5385, 5302, 5448 (8 hits)
23	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5576, 5493, 5605, 5721, 5333, 5710, 5655, 5412, 5659, 5341, 5399, 5706, 5416, 5292, 5600, 5609, 5382, 5296, 5700, 5596, 5565, 5658, 5262, 5323, 5686, 5720, 5336, 5421, 5636, 5602, 5722, 5335, 5388, 5524, 5539, 5360, 5663, 5383, 5410, 5392, 5277, 5328, 5367, 5505, 5475, 5572, 5584, 5455, 5654, 5562, 5468, 5595, 5351, 5413, 5537, 5589, 5337, 5648, 5646, 5581, 5649, 5508, 5466, 5427, 5618, 5717, 5369, 5313, 5451, 5564, 5500, 5629, 5615, 5585, 5643, 5673, 5484, 5535, 5509, 5340, 5651, 5677, 5334, 5642, 5532, 5685, 5398, 5667, 5408, 5441, 5611, 5471, 5653, 5719, 5485, 5443, 5619, 5327, 5386, 5345 (6 hits)
24	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5591, 5440, 5310, 5346, 5380, 5661, 5488, 5474, 5356, 5496, 5365, 5664, 5303, 5559, 5283, 5352, 5309, 5601, 5433, 5577, 5334, 5669, 5306, 5304, 5722, 5318, 5357, 5262, 5399, 5264, 5323, 5379, 5579, 5256, 5551, 5339, 5589, 5523, 5403, 5711, 5590, 5526, 5564,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5552, 5632, 5600, 5597, 5593, 5395, 5263, 5614, 5362, 5259, 5261, 5615, 5599, 5658, 5438, 5265, 5355, 5372, 5633, 5460, 5463, 5619, 5475, 5398, 5674, 5434, 5502, 5371, 5508, 5621, 5695, 5660, 5446, 5641, 5336, 5686, 5396, 5720, 5250, 5649, 5420, 5611, 5364, 5321, 5308, 5657, 5312, 5285, 5273, 5390, 5311, 5394, 5605, 5626, 5451, 5377, 5370 (5 hits)
25	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5581, 5633, 5469, 5374, 5714, 5597, 5425, 5388, 5589, 5672, 5583, 5377, 5703, 5702, 5650, 5467, 5615, 5494, 5475, 5444, 5616, 5351, 5355, 5297, 5657, 5299, 5463, 5715, 5490, 5585, 5395, 5346, 5340, 5550, 5452, 5409, 5533, 5641, 5553, 5671, 5523, 5627, 5429, 5513, 5327, 5509, 5674, 5556, 5576, 5567, 5572, 5396, 5262, 5691, 5437, 5683, 5709, 5453, 5479, 5352, 5335, 5630, 5500, 5584, 5251, 5719, 5579, 5529, 5623, 5372, 5383, 5578, 5654, 5700, 5296, 5542, 5726, 5596, 5644, 5435, 5613, 5447, 5512, 5438, 5511, 5309, 5281, 5313, 5712, 5269, 5413, 5536, 5350, 5716, 5710, 5465, 5483, 5464, 5336, 5548 (7 hits)
26	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5316, 5656, 5253, 5662, 5614, 5624, 5602, 5343, 5367, 5544, 5445, 5452, 5361, 5453, 5466, 5369, 5355, 5702, 5488, 5473, 5318, 5333, 5380, 5703, 5295, 5605, 5567, 5557, 5500, 5456, 5324, 5539, 5263, 5460, 5487, 5492, 5693, 5461, 5364, 5395, 5517, 5352, 5684, 5654, 5518, 5595, 5410, 5493, 5398, 5619, 5527, 5362, 5668, 5707, 5388, 5373, 5511, 5443, 5506, 5523, 5691, 5599, 5540, 5554, 5580, 5418, 5700, 5520, 5305, 5425, 5402, 5532, 5626, 5608, 5549, 5472, 5476, 5284, 5360, 5688, 5440, 5419, 5432, 5424, 5569, 5471, 5609, 5640, 5513, 5572, 5596, 5447, 5489, 5298, 5699, 5483, 5650, 5262, 5670, 5583 (11 hits)
27	9	1.0	333.0	Yes	5516.0MHz,	Hop sequence: 5474, 5258, 5609,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5443, 5576, 5669, 5583, 5616, 5660, 5531, 5342, 5423, 5334, 5679, 5368, 5639, 5670, 5605, 5429, 5377, 5642, 5365, 5350, 5451, 5361, 5565, 5689, 5521, 5434, 5637, 5402, 5378, 5675, 5313, 5628, 5484, 5315, 5618, 5615, 5692, 5395, 5260, 5393, 5333, 5667, 5341, 5301, 5409, 5649, 5404, 5497, 5627, 5543, 5682, 5385, 5379, 5273, 5288, 5634, 5252, 5433, 5532, 5259, 5716, 5658, 5705, 5483, 5277, 5522, 5545, 5499, 5345, 5306, 5709, 5457, 5391, 5381, 5490, 5557, 5279, 5450, 5387, 5601, 5577, 5310, 5665, 5626, 5556, 5317, 5617, 5320, 5514, 5700, 5585, 5530, 5542, 5403, 5419, 5655, 5653 (5 hits)
28	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5630, 5424, 5426, 5685, 5680, 5555, 5560, 5632, 5443, 5486, 5458, 5373, 5328, 5581, 5423, 5687, 5603, 5501, 5488, 5716, 5527, 5718, 5583, 5425, 5260, 5314, 5657, 5616, 5554, 5510, 5524, 5413, 5690, 5416, 5335, 5640, 5378, 5337, 5643, 5619, 5273, 5604, 5696, 5694, 5341, 5409, 5477, 5411, 5293, 5709, 5381, 5511, 5448, 5497, 5265, 5670, 5567, 5650, 5369, 5509, 5269, 5386, 5596, 5476, 5311, 5279, 5412, 5566, 5675, 5563, 5724, 5352, 5385, 5651, 5394, 5586, 5572, 5465, 5406, 5557, 5672, 5355, 5558, 5287, 5495, 5421, 5545, 5397, 5340, 5723, 5428, 5375, 5363, 5286, 5272, 5462, 5677, 5463, 5500, 5541 (9 hits)
29	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5279, 5263, 5386, 5326, 5592, 5336, 5358, 5593, 5582, 5529, 5393, 5416, 5354, 5463, 5268, 5335, 5376, 5524, 5681, 5499, 5663, 5344, 5403, 5677, 5510, 5317, 5571, 5503, 5641, 5252, 5567, 5557, 5311, 5495, 5622, 5606, 5270, 5461, 5697, 5465, 5359, 5338, 5502, 5647, 5676, 5621, 5635, 5669, 5379, 5302, 5384, 5429, 5617, 5312, 5372, 5711, 5363, 5255, 5482, 5678, 5664, 5616, 5421, 5652, 5373, 5670, 5580, 5343,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5494, 5483, 5666, 5398, 5687, 5698, 5507, 5586, 5304, 5485, 5595, 5318, 5353, 5613, 5531, 5350, 5325, 5349, 5573, 5709, 5694, 5645, 5578, 5380, 5546, 5626, 5439, 5319, 5516, 5654, 5264, 5493 (10 hits)
30	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5603, 5697, 5341, 5628, 5376, 5712, 5437, 5542, 5609, 5533, 5290, 5622, 5548, 5592, 5696, 5383, 5371, 5257, 5436, 5347, 5266, 5317, 5588, 5611, 5365, 5444, 5663, 5683, 5357, 5725, 5276, 5462, 5654, 5535, 5459, 5315, 5448, 5384, 5677, 5553, 5626, 5640, 5552, 5295, 5402, 5490, 5714, 5336, 5349, 5604, 5555, 5465, 5593, 5680, 5607, 5277, 5434, 5523, 5356, 5419, 5398, 5283, 5432, 5632, 5653, 5392, 5610, 5410, 5439, 5475, 5469, 5509, 5704, 5473, 5503, 5650, 5681, 5591, 5320, 5466, 5406, 5415, 5527, 5520, 5723, 5554, 5664, 5551, 5661, 5600, 5580, 5505, 5662, 5700, 5642, 5511, 5372, 5431, 5395, 5378 (7 hits)
31	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5537, 5570, 5301, 5601, 5590, 5520, 5388, 5307, 5587, 5645, 5464, 5287, 5433, 5714, 5510, 5523, 5655, 5565, 5378, 5654, 5337, 5456, 5370, 5270, 5409, 5521, 5497, 5505, 5315, 5443, 5288, 5658, 5424, 5365, 5543, 5682, 5493, 5508, 5318, 5591, 5711, 5421, 5699, 5608, 5386, 5353, 5540, 5514, 5338, 5336, 5360, 5276, 5559, 5704, 5646, 5718, 5462, 5692, 5382, 5616, 5535, 5560, 5362, 5359, 5329, 5593, 5562, 5408, 5637, 5451, 5578, 5330, 5343, 5298, 5448, 5277, 5387, 5542, 5472, 5272, 5650, 5709, 5626, 5668, 5619, 5319, 5631, 5527, 5371, 5577, 5284, 5639, 5327, 5432, 5415, 5261, 5369, 5652, 5561, 5621 (10 hits)
32	9	1.0	333.0	Yes	5521.0MHz, -63.0dBm	Hop sequence: 5695, 5696, 5393, 5503, 5383, 5531, 5294, 5718, 5340, 5719, 5712, 5372, 5684, 5707, 5467, 5570, 5407, 5419, 5673, 5299, 5256, 5488, 5380, 5292, 5418, 5668, 5286, 5619,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5479, 5641, 5694, 5715, 5374, 5527, 5578, 5449, 5384, 5714, 5723, 5564, 5404, 5659, 5629, 5331, 5360, 5521, 5577, 5438, 5558, 5622, 5555, 5650, 5451, 5375, 5280, 5698, 5599, 5424, 5611, 5262, 5654, 5253, 5489, 5703, 5273, 5414, 5443, 5411, 5408, 5287, 5626, 5296, 5336, 5465, 5681, 5278, 5656, 5565, 5512, 5314, 5630, 5388, 5462, 5502, 5499, 5724, 5373, 5260, 5553, 5520, 5720, 5276, 5508, 5370, 5621, 5486, 5550, 5686, 5507, 5468 (9 hits)
33	9	1.0	333.0	Yes	5522.0MHz, -63.0dBm	Hop sequence: 5355, 5579, 5457, 5658, 5315, 5484, 5684, 5561, 5714, 5375, 5695, 5311, 5528, 5559, 5498, 5434, 5690, 5363, 5318, 5410, 5578, 5419, 5463, 5518, 5663, 5669, 5657, 5572, 5426, 5291, 5340, 5298, 5287, 5379, 5255, 5286, 5530, 5489, 5356, 5378, 5275, 5541, 5431, 5467, 5691, 5468, 5349, 5429, 5485, 5440, 5544, 5395, 5388, 5615, 5703, 5358, 5635, 5492, 5483, 5626, 5342, 5392, 5404, 5391, 5571, 5466, 5621, 5554, 5345, 5461, 5271, 5499, 5705, 5448, 5584, 5312, 5589, 5495, 5630, 5620, 5417, 5539, 5580, 5327, 5648, 5425, 5481, 5536, 5373, 5400, 5566, 5256, 5632, 5407, 5458, 5360, 5396, 5672, 5332, 5675 (6 hits)
34	9	1.0	333.0	Yes	5523.0MHz, -63.0dBm	Hop sequence: 5557, 5642, 5292, 5609, 5369, 5399, 5601, 5488, 5335, 5411, 5334, 5590, 5681, 5648, 5457, 5585, 5547, 5345, 5393, 5580, 5412, 5465, 5308, 5288, 5490, 5344, 5467, 5721, 5433, 5363, 5594, 5470, 5302, 5694, 5285, 5352, 5699, 5366, 5695, 5517, 5361, 5388, 5355, 5574, 5616, 5442, 5414, 5607, 5253, 5505, 5380, 5495, 5573, 5501, 5475, 5667, 5294, 5707, 5674, 5687, 5453, 5634, 5396, 5293, 5300, 5432, 5340, 5552, 5543, 5698, 5565, 5462, 5666, 5683, 5562, 5348, 5633, 5519, 5375, 5645, 5522, 5541, 5401, 5533, 5722, 5400, 5644, 5702, 5564, 5492, 5493, 5655, 5279,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5359, 5596, 5362, 5450, 5725, 5640, 5322 (8 hits)
35	9	1.0	333.0	Yes	5524.0MHz, -63.0dBm	Hop sequence: 5714, 5621, 5649, 5277, 5685, 5482, 5647, 5275, 5558, 5300, 5622, 5627, 5585, 5331, 5337, 5408, 5557, 5556, 5631, 5648, 5696, 5639, 5657, 5528, 5349, 5675, 5490, 5407, 5308, 5260, 5283, 5581, 5364, 5254, 5503, 5401, 5650, 5333, 5391, 5596, 5477, 5520, 5514, 5309, 5645, 5307, 5322, 5539, 5269, 5713, 5400, 5460, 5693, 5375, 5706, 5698, 5316, 5681, 5276, 5555, 5674, 5638, 5576, 5567, 5265, 5318, 5701, 5563, 5716, 5428, 5704, 5284, 5497, 5382, 5266, 5412, 5357, 5486, 5496, 5592, 5507, 5418, 5329, 5705, 5459, 5570, 5423, 5709, 5509, 5295, 5600, 5725, 5691, 5422, 5637, 5720, 5554, 5443, 5481, 5683 (8 hits)
36	9	1.0	333.0	Yes	5525.0MHz, -63.0dBm	Hop sequence: 5538, 5594, 5307, 5676, 5297, 5708, 5724, 5361, 5399, 5575, 5551, 5508, 5558, 5612, 5262, 5635, 5630, 5566, 5272, 5288, 5659, 5474, 5396, 5720, 5592, 5690, 5352, 5346, 5435, 5520, 5459, 5271, 5306, 5416, 5366, 5303, 5281, 5510, 5716, 5253, 5618, 5673, 5499, 5512, 5532, 5664, 5726, 5528, 5590, 5698, 5670, 5402, 5540, 5654, 5534, 5480, 5506, 5696, 5591, 5340, 5665, 5342, 5410, 5427, 5628, 5511, 5283, 5341, 5347, 5344, 5501, 5613, 5687, 5624, 5719, 5430, 5587, 5355, 5268, 5564, 5498, 5257, 5477, 5393, 5369, 5581, 5572, 5487, 5515, 5309, 5653, 5606, 5646, 5370, 5338, 5285, 5384, 5409, 5406, 5467 (11 hits)
37	9	1.0	333.0	Yes	5526.0MHz, -63.0dBm	Hop sequence: 5384, 5383, 5307, 5514, 5621, 5409, 5463, 5268, 5435, 5492, 5352, 5356, 5326, 5433, 5565, 5515, 5498, 5306, 5532, 5551, 5707, 5554, 5640, 5471, 5693, 5414, 5339, 5704, 5519, 5579, 5591, 5670, 5397, 5342, 5585, 5362, 5328, 5569, 5708, 5320, 5420, 5340, 5699, 5696, 5323, 5357, 5643, 5338, 5622, 5358, 5626, 5282, 5423,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5449, 5549, 5580, 5271, 5490, 5537, 5545, 5311, 5635, 5509, 5546, 5639, 5408, 5351, 5574, 5572, 5465, 5701, 5290, 5517, 5447, 5413, 5388, 5606, 5540, 5429, 5418, 5458, 5298, 5641, 5301, 5677, 5587, 5259, 5285, 5441, 5630, 5376, 5450, 5564, 5288, 5590, 5477, 5607, 5434, 5697, 5494 (8 hits)
38	9	1.0	333.0	Yes	5527.0MHz, -63.0dBm	Hop sequence: 5384, 5383, 5307, 5514, 5621, 5409, 5463, 5268, 5435, 5492, 5352, 5356, 5326, 5433, 5565, 5515, 5498, 5306, 5532, 5551, 5707, 5554, 5640, 5471, 5693, 5414, 5339, 5704, 5519, 5579, 5591, 5670, 5397, 5342, 5585, 5362, 5328, 5569, 5708, 5320, 5420, 5340, 5699, 5696, 5323, 5357, 5643, 5338, 5622, 5358, 5626, 5282, 5423, 5449, 5549, 5580, 5271, 5490, 5537, 5545, 5311, 5635, 5509, 5546, 5639, 5408, 5351, 5574, 5572, 5465, 5701, 5290, 5517, 5447, 5413, 5388, 5606, 5540, 5429, 5418, 5458, 5298, 5641, 5301, 5677, 5587, 5259, 5285, 5441, 5630, 5376, 5450, 5564, 5288, 5590, 5477, 5607, 5434, 5697, 5494 (8 hits)
39	9	1.0	333.0	Yes	5528.0MHz, -63.0dBm	Hop sequence: 5665, 5388, 5268, 5722, 5462, 5293, 5277, 5637, 5373, 5330, 5340, 5500, 5477, 5306, 5429, 5704, 5520, 5423, 5377, 5482, 5374, 5344, 5464, 5579, 5715, 5444, 5588, 5301, 5271, 5259, 5564, 5449, 5607, 5439, 5479, 5454, 5435, 5650, 5545, 5473, 5695, 5319, 5524, 5629, 5725, 5333, 5463, 5700, 5661, 5451, 5634, 5666, 5335, 5662, 5483, 5415, 5305, 5320, 5255, 5471, 5554, 5720, 5503, 5690, 5591, 5626, 5390, 5267, 5684, 5523, 5702, 5395, 5561, 5351, 5279, 5592, 5494, 5272, 5275, 5466, 5363, 5582, 5345, 5556, 5270, 5581, 5254, 5621, 5419, 5314, 5490, 5442, 5718, 5338, 5534, 5269, 5638, 5288, 5342, 5331 (9 hits)
40	9	1.0	333.0	Yes	5529.0MHz, -63.0dBm	Hop sequence: 5512, 5361, 5330, 5458, 5292, 5695, 5266, 5480, 5365, 5545, 5314, 5472, 5493,

Table 54 - FCC frequency hopping radar (Type 6) Results Single Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5594, 5651, 5452, 5415, 5424, 5357, 5696, 5431, 5297, 5534, 5285, 5411, 5628, 5414, 5419, 5406, 5271, 5255, 5560, 5410, 5455, 5713, 5636, 5253, 5656, 5389, 5276, 5533, 5327, 5702, 5715, 5707, 5381, 5561, 5581, 5722, 5641, 5491, 5390, 5589, 5564, 5309, 5273, 5486, 5351, 5627, 5333, 5471, 5346, 5618, 5522, 5259, 5556, 5465, 5679, 5619, 5544, 5497, 5675, 5555, 5454, 5476, 5461, 5699, 5499, 5440, 5374, 5554, 5430, 5583, 5252, 5402, 5412, 5432, 5286, 5597, 5258, 5697, 5720, 5404, 5338, 5723, 5572, 5405, 5300, 5603, 5439 (9 hits)
41	9	1.0	333.0	Yes	5530.0MHz, -63.0dBm	Hop sequence: 5715, 5690, 5256, 5587, 5390, 5625, 5496, 5493, 5383, 5394, 5605, 5608, 5601, 5559, 5726, 5408, 5318, 5398, 5509, 5302, 5691, 5332, 5422, 5537, 5670, 5653, 5352, 5391, 5420, 5347, 5350, 5640, 5335, 5524, 5424, 5713, 5616, 5547, 5461, 5717, 5671, 5617, 5645, 5407, 5469, 5708, 5485, 5321, 5452, 5257, 5551, 5707, 5329, 5644, 5476, 5258, 5512, 5638, 5412, 5432, 5283, 5535, 5389, 5308, 5483, 5571, 5639, 5433, 5418, 5575, 5554, 5527, 5340, 5651, 5475, 5333, 5436, 5330, 5627, 5556, 5522, 5513, 5693, 5679, 5619, 5326, 5583, 5448, 5666, 5315, 5388, 5681, 5401, 5489, 5541, 5641, 5441, 5687, 5265, 5354 (12 hits)

Table 55 - Long Sequence Waveform Summary Single Band 40MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -63.0dBm
Trial #2	Detected	5505.0MHz, -63.0dBm
Trial #3	Detected	5500.0MHz, -63.0dBm
Trial #4	Detected	5520.0MHz, -63.0dBm
Trial #5	Detected	5515.0MHz, -63.0dBm
Trial #6	Detected	5510.0MHz, -63.0dBm
Trial #7	Detected	5505.0MHz, -63.0dBm
Trial #8	Detected	5500.0MHz, -63.0dBm
Trial #9	Detected	5520.0MHz, -63.0dBm
Trial #10	Detected	5515.0MHz, -63.0dBm

Table 55 - Long Sequence Waveform Summary Single Band 40MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #11	Detected	5510.0MHz, -63.0dBm
Trial #12	Detected	5505.0MHz, -63.0dBm
Trial #13	Detected	5500.0MHz, -63.0dBm
Trial #14	Detected	5520.0MHz, -63.0dBm
Trial #15	Detected	5515.0MHz, -63.0dBm
Trial #16	Detected	5510.0MHz, -63.0dBm
Trial #17	Detected	5505.0MHz, -63.0dBm
Trial #18	Detected	5500.0MHz, -63.0dBm
Trial #19	Detected	5520.0MHz, -63.0dBm
Trial #20	Detected	5515.0MHz, -63.0dBm
Trial #21	Detected	5510.0MHz, -63.0dBm
Trial #22	Detected	5505.0MHz, -63.0dBm
Trial #23	Detected	5500.0MHz, -63.0dBm
Trial #24	Detected	5520.0MHz, -63.0dBm
Trial #25	Detected	5515.0MHz, -63.0dBm
Trial #26	Detected	5510.0MHz, -63.0dBm
Trial #27	Detected	5505.0MHz, -63.0dBm
Trial #28	Detected	5500.0MHz, -63.0dBm
Trial #29	Detected	5520.0MHz, -63.0dBm
Trial #30	Detected	5515.0MHz, -63.0dBm

Table 56 - Long Sequence Waveform Trial#1 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	66.1	17	-	-	0.161167
2	1	99.0	8	-	-	0.983872
3	3	83.3	15	1996.0	1138.0	2.276077
4	3	59.2	14	1349.0	1660.0	3.036776
5	2	82.3	10	1095.0	-	3.636187
6	1	80.9	20	-	-	4.701143
7	2	66.7	17	1170.0	-	5.387022
8	2	75.9	7	1964.0	-	6.143407
9	2	59.1	15	1834.0	-	7.080310
10	3	73.9	6	1184.0	1664.0	7.707085
11	2	59.2	9	1420.0	-	8.182007
12	1	90.6	13	-	-	8.948953
13	2	64.9	17	1925.0	-	9.943755
14	2	89.4	12	1139.0	-	11.056385
15	1	78.6	17	-	-	11.947774

Table 57 - Long Sequence Waveform Trial#2 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	73.7	14	1680.0	-	0.183484
2	3	70.2	8	1640.0	1650.0	1.433129
3	2	85.0	12	1091.0	-	2.178943
4	3	81.8	15	1195.0	1829.0	3.000097
5	2	58.0	14	1621.0	-	3.655630
6	2	68.3	6	1835.0	-	4.528003
7	2	86.3	13	1883.0	-	4.980770
8	2	50.9	6	1751.0	-	6.262571
9	1	90.1	17	-	-	6.415307
10	3	53.0	18	1153.0	1146.0	7.499411
11	2	66.1	6	1514.0	-	8.778923
12	2	65.6	10	1645.0	-	9.040617
13	2	71.5	7	1140.0	-	9.800180
14	3	96.1	15	1518.0	1562.0	10.417452
15	2	61.3	14	1932.0	-	11.430181

Table 58 - Long Sequence Waveform Trial#3 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	69.2	9	-	-	0.278342
2	2	76.9	18	1576.0	-	0.729600
3	2	76.1	19	1973.0	-	1.581368
4	1	73.6	7	-	-	2.386878
5	1	74.4	7	-	-	2.709371
6	2	50.1	13	1369.0	-	3.507137
7	2	80.3	15	1127.0	-	4.087330
8	2	56.5	7	1964.0	-	4.631623
9	2	95.3	14	1180.0	-	5.340798
10	1	84.2	13	-	-	5.815994
11	1	87.4	13	-	-	6.232020

Table 58 - Long Sequence Waveform Trial#3 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
12	2	99.8	15	1734.0	-	6.870860
13	3	89.2	7	1760.0	1423.0	7.526474
14	2	64.3	14	1349.0	-	8.051355
15	1	85.5	7	-	-	8.440013
16	2	72.2	19	1358.0	-	9.343467
17	3	64.7	13	1025.0	1364.0	9.940043
18	2	93.7	11	1612.0	-	10.473071
19	1	62.6	19	-	-	11.364188
20	2	76.4	14	1828.0	-	11.919450

Table 59 - Long Sequence Waveform Trial#4 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.8	10	1288.0	-	0.443384
2	1	54.2	19	-	-	0.910536
3	1	95.1	5	-	-	2.164150
4	1	90.4	10	-	-	3.374615
5	2	91.7	11	1713.0	-	3.564833
6	3	62.7	16	1429.0	1490.0	4.419149
7	3	80.0	16	1553.0	1336.0	5.417317
8	1	87.6	15	-	-	6.240397
9	3	62.6	15	1404.0	1580.0	7.192154
10	2	98.3	19	1261.0	-	7.998839
11	1	91.9	14	-	-	9.161254
12	2	71.0	14	1166.0	-	10.211781
13	2	99.4	6	1831.0	-	11.053954
14	1	96.0	15	-	-	11.216034

Table 60 - Long Sequence Waveform Trial#5 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	80.3	16	-	-	0.211066
2	3	99.6	13	1343.0	1767.0	0.985474
3	2	98.5	11	1488.0	-	1.689334
4	1	90.6	6	-	-	2.510114
5	2	76.8	8	1011.0	-	2.700656
6	2	59.6	7	1957.0	-	3.346821
7	3	63.0	7	1870.0	1015.0	4.494957
8	2	94.9	8	1789.0	-	4.854183
9	3	99.6	11	1862.0	1684.0	5.580647
10	2	66.8	16	1592.0	-	6.077888
11	2	94.8	5	1909.0	-	6.916642
12	3	79.2	12	1840.0	1309.0	7.348481
13	2	95.2	9	1892.0	-	8.170171
14	2	88.6	8	1227.0	-	8.689536
15	2	57.4	12	1348.0	-	9.855430
16	1	98.6	18	-	-	10.070532
17	3	87.4	19	1961.0	1689.0	11.155499
18	3	65.4	15	1267.0	1995.0	11.835616

Table 61 - Long Sequence Waveform Trial#6 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.0	15	1281.0	1188.0	1.231607
2	2	95.7	5	1916.0	-	2.650287
3	2	95.1	8	1629.0	-	2.692151
4	1	81.1	13	-	-	4.817264
5	2	72.0	6	1082.0	-	6.269004
6	3	61.5	13	1839.0	1725.0	7.395111
7	3	96.4	9	1456.0	1650.0	9.115242
8	2	65.3	5	1871.0	-	10.296597
9	3	61.1	13	1819.0	1846.0	11.128198

Table 62 - Long Sequence Waveform Trial#7 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.7	20	1810.0	1486.0	0.070286
2	1	95.5	13	-	-	1.059170
3	2	51.1	17	1283.0	-	1.391237
4	2	96.1	12	1747.0	-	1.939151
5	1	78.8	19	-	-	2.930939
6	2	91.4	12	1032.0	-	3.063877
7	3	82.2	18	1830.0	1961.0	3.903969
8	2	86.1	11	1939.0	-	4.341426
9	2	61.5	13	1335.0	-	5.258904
10	1	85.5	20	-	-	5.600869
11	1	62.2	9	-	-	6.146571
12	3	88.1	5	1062.0	1228.0	6.927379
13	2	74.0	6	1756.0	-	7.787446
14	3	63.9	17	1366.0	1752.0	8.285764
15	2	82.1	6	1857.0	-	8.576391
16	1	68.0	12	-	-	9.085723
17	3	80.6	20	1705.0	1467.0	9.989166
18	2	97.1	7	1810.0	-	10.322454
19	2	65.3	11	1031.0	-	11.369817
20	3	79.5	10	1240.0	1111.0	11.918158

Table 63 - Long Sequence Waveform Trial#8 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.6	9	1466.0	-	0.349143
2	2	75.0	17	1349.0	-	2.031047
3	1	68.0	7	-	-	2.933929
4	3	87.4	6	1618.0	1749.0	3.513974
5	3	55.9	6	1539.0	1105.0	4.887462
6	2	58.0	16	1555.0	-	6.164633
7	2	89.2	20	1081.0	-	7.384764
8	2	94.1	10	1883.0	-	7.779920
9	2	85.7	7	1156.0	-	8.820982
10	2	69.9	8	1535.0	-	10.018084
11	3	59.2	11	1014.0	1060.0	11.753733

Table 64 - Long Sequence Waveform Trial#9 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	79.5	8	1968.0	1535.0	0.784610
2	3	94.8	13	1662.0	1834.0	1.046576
3	2	70.4	10	1742.0	-	2.680450
4	1	76.0	9	-	-	3.607517
5	1	60.9	17	-	-	4.386772
6	2	99.8	17	1278.0	-	5.641238
7	3	89.2	11	1714.0	1364.0	6.690688
8	2	85.8	8	1898.0	-	7.315381
9	3	66.7	9	1078.0	1060.0	8.024699
10	2	64.7	8	1813.0	-	9.397587
11	2	84.8	14	1336.0	-	10.135563
12	2	80.7	9	1539.0	-	11.667897

Table 65 - Long Sequence Waveform Trial#10 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	93.2	13	-	-	0.032617
2	1	58.1	19	-	-	1.572564
3	2	64.1	19	1714.0	-	2.151204
4	3	89.4	12	1056.0	1332.0	3.425349
5	3	93.4	15	1898.0	1654.0	3.816226
6	2	73.7	6	1750.0	-	4.943675
7	3	75.2	12	1133.0	1473.0	5.622729
8	3	96.6	7	1720.0	1733.0	6.261292
9	1	74.7	17	-	-	7.702233
10	2	50.8	13	1497.0	-	7.997353
11	2	73.6	8	1250.0	-	8.701909
12	3	55.1	17	1703.0	1996.0	9.686228
13	2	52.2	20	1113.0	-	10.830207
14	1	78.3	12	-	-	11.916452

Table 66 - Long Sequence Waveform Trial#11 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.2	14	1432.0	-	0.627463
2	2	76.9	12	1889.0	-	0.771118
3	2	54.9	14	1292.0	-	1.770490
4	2	96.4	17	1988.0	-	2.155420
5	3	69.3	15	1582.0	1221.0	3.412208
6	2	76.4	16	1281.0	-	3.677460
7	3	71.4	19	1306.0	1838.0	4.718777
8	3	94.4	17	1953.0	1389.0	5.434953
9	2	94.0	12	1534.0	-	6.083889
10	3	83.8	14	1890.0	1580.0	6.910629
11	2	67.4	15	1767.0	-	7.558053
12	2	56.3	7	1311.0	-	7.835713
13	1	99.8	15	-	-	8.761105
14	1	95.7	14	-	-	9.477246
15	2	75.8	7	1772.0	-	10.457452
16	2	92.3	15	1731.0	-	10.631788
17	2	71.7	18	1557.0	-	11.664335

Table 67 - Long Sequence Waveform Trial#12 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.3	7	1834.0	-	0.070604
2	2	66.2	17	1824.0	-	1.164604
3	2	91.9	7	1319.0	-	2.037316
4	3	92.1	18	1282.0	1184.0	2.677405
5	2	72.3	18	1021.0	-	2.875264
6	2	83.7	19	1623.0	-	4.103466
7	2	91.9	6	1645.0	-	4.671773
8	2	98.2	9	1723.0	-	5.471776
9	2	95.6	15	1200.0	-	5.955114
10	1	99.8	18	-	-	6.763167
11	2	88.7	17	1748.0	-	7.338529
12	3	54.8	7	1931.0	1414.0	8.220846
13	2	55.6	11	1121.0	-	8.975594
14	1	70.2	9	-	-	9.687216
15	2	99.9	6	1807.0	-	10.119380
16	2	75.7	20	1178.0	-	10.880648
17	2	66.6	19	1460.0	-	11.968587

Table 68 - Long Sequence Waveform Trial#13 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.7	9	-	-	0.257640
2	2	68.2	7	1269.0	-	0.780236
3	1	82.5	15	-	-	1.853249
4	2	84.3	14	1385.0	-	2.447732
5	2	82.9	6	1117.0	-	2.967049
6	3	82.6	13	1161.0	1048.0	4.136362
7	3	72.9	6	1426.0	1318.0	4.843207
8	2	51.4	6	1784.0	-	5.067154
9	3	88.3	19	1973.0	1431.0	6.260824
10	1	77.1	12	-	-	6.677627
11	3	56.4	16	1180.0	1286.0	7.684882
12	3	51.0	12	1539.0	1888.0	8.379471
13	2	62.8	15	1787.0	-	8.569672
14	3	55.4	19	1509.0	1182.0	9.672332
15	2	76.4	14	1300.0	-	10.078208
16	3	89.1	16	1655.0	1229.0	10.808701
17	2	54.0	12	1825.0	-	11.648473

Table 69 - Long Sequence Waveform Trial#14 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	80.0	18	-	-	0.250456
2	3	81.9	18	1457.0	1310.0	1.455025
3	2	70.9	8	1074.0	-	1.708302
4	2	89.2	12	1124.0	-	2.990192
5	3	96.1	14	1259.0	1314.0	3.751806
6	1	81.4	9	-	-	4.143084
7	3	63.2	7	1473.0	1272.0	5.196872
8	3	50.4	11	1017.0	1077.0	6.018913
9	3	94.2	13	1930.0	1964.0	7.082472
10	1	99.6	10	-	-	7.842348
11	2	61.3	7	1463.0	-	8.195530
12	2	86.2	17	1605.0	-	9.463383
13	3	72.8	17	1196.0	1974.0	9.924368
14	1	52.1	17	-	-	10.955703
15	1	68.8	16	-	-	11.761228

Table 70 - Long Sequence Waveform Trial#15 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	99.1	7	1875.0	1977.0	0.076316
2	2	69.6	7	1414.0	-	1.207275
3	3	97.3	10	1447.0	1428.0	1.881352
4	1	74.5	12	-	-	3.205747
5	3	85.7	13	1990.0	1214.0	3.599007
6	2	88.9	18	1363.0	-	4.489769
7	1	80.7	16	-	-	5.236137
8	2	92.9	11	1133.0	-	6.752911
9	2	59.7	18	1185.0	-	7.042971
10	2	91.8	11	1339.0	-	8.128256
11	2	81.1	6	1509.0	-	9.003782
12	1	96.4	12	-	-	9.478432
13	2	97.1	9	1818.0	-	10.762264
14	2	87.4	7	1887.0	-	11.266241

Table 71 - Long Sequence Waveform Trial#16 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.0	8	1265.0	-	0.752273
2	2	69.6	9	1866.0	-	2.510545
3	2	65.7	11	1627.0	-	3.085110
4	2	85.5	14	1834.0	-	5.698800
5	3	55.7	6	1527.0	1814.0	7.041730
6	2	81.1	18	1523.0	-	7.705209
7	2	71.0	13	1624.0	-	9.086190
8	2	86.0	10	1446.0	-	11.615543

Table 72 - Long Sequence Waveform Trial#17 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	90.5	10	-	-	0.777807
2	1	72.5	14	-	-	2.412492
3	2	72.4	18	1860.0	-	2.874353
4	2	93.8	18	1431.0	-	4.755772
5	3	74.7	12	1006.0	1976.0	6.492537
6	2	87.8	9	1069.0	-	7.166036
7	2	76.5	7	1733.0	-	8.138938
8	3	84.7	16	1435.0	1232.0	10.253597
9	1	54.8	12	-	-	10.908564

Table 73 - Long Sequence Waveform Trial#18 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.6	13	1650.0	-	0.417628
2	2	54.8	7	1994.0	-	1.731409
3	3	60.8	14	1023.0	1677.0	2.934299
4	1	92.6	17	-	-	3.047725
5	3	89.6	6	1204.0	1924.0	4.467579
6	2	56.5	8	1509.0	-	5.995083
7	2	57.8	12	1822.0	-	6.221374
8	2	50.2	7	1020.0	-	7.460616
9	1	51.0	11	-	-	8.060471
10	1	93.1	6	-	-	9.356991
11	2	71.4	8	1612.0	-	10.927192
12	2	60.2	10	1972.0	-	11.127110

Table 74 - Long Sequence Waveform Trial#19 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.0	17	1932.0	-	1.040689
2	3	80.1	7	1130.0	1588.0	1.535421
3	1	67.1	9	-	-	3.597461
4	2	60.5	17	1781.0	-	4.172786
5	1	89.3	5	-	-	5.263161
6	3	87.2	13	1957.0	1251.0	6.861475
7	3	80.4	10	1242.0	1527.0	8.132336
8	2	96.3	12	1424.0	-	9.488205
9	2	92.2	19	1259.0	-	10.317184
10	3	72.7	17	1503.0	1387.0	11.412598

Table 75 - Long Sequence Waveform Trial#20 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.1	7	1774.0	-	0.360693
2	1	72.4	13	-	-	1.102373
3	1	94.6	15	-	-	2.114202
4	2	91.0	15	1011.0	-	2.228725
5	1	73.8	9	-	-	3.269862
6	2	82.4	17	1391.0	-	3.886596
7	1	77.8	18	-	-	4.398830
8	2	85.1	14	1812.0	-	5.632896
9	2	91.7	9	1661.0	-	6.319634
10	1	74.2	8	-	-	6.629963
11	2	50.8	14	1958.0	-	7.562494
12	2	93.8	15	1953.0	-	7.818145
13	2	68.0	11	1454.0	-	8.971257
14	2	75.2	6	1985.0	-	9.366224
15	1	73.0	20	-	-	9.995181
16	3	58.5	14	1326.0	1894.0	10.914504
17	1	97.0	11	-	-	11.809429

Table 76 - Long Sequence Waveform Trial#21 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	73.6	8	1750.0	1458.0	0.428532
2	3	78.0	6	1976.0	1075.0	0.768415
3	2	91.5	15	1238.0	-	1.832138
4	1	92.1	9	-	-	2.226927
5	3	65.5	13	1435.0	1377.0	3.131959
6	2	97.6	13	1236.0	-	3.416464
7	2	64.7	13	1333.0	-	4.331640
8	3	69.7	18	1217.0	1633.0	4.614868
9	2	65.7	19	1065.0	-	5.062277
10	3	98.9	18	1893.0	1513.0	5.790865
11	1	63.6	13	-	-	6.599531
12	2	82.0	10	1400.0	-	7.347854
13	2	80.9	10	1749.0	-	7.930764
14	3	90.2	8	1144.0	1610.0	8.363127
15	2	53.0	8	1389.0	-	9.368391
16	3	53.7	10	1206.0	1549.0	10.022884
17	1	61.4	13	-	-	10.522463
18	2	97.5	8	1452.0	-	11.164513
19	2	68.3	17	1319.0	-	11.370279

Table 77 - Long Sequence Waveform Trial#22 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	93.6	14	-	-	0.437123
2	1	74.6	11	-	-	0.943440
3	1	88.4	15	-	-	1.364124
4	2	94.0	10	1522.0	-	2.101732
5	2	83.3	13	1887.0	-	3.207864
6	2	99.5	6	1384.0	-	3.609256
7	1	62.5	7	-	-	4.006552
8	2	54.9	6	1150.0	-	4.908699
9	3	72.2	13	1633.0	1931.0	5.455606
10	1	57.0	17	-	-	6.463416
11	1	81.9	13	-	-	6.963453
12	2	73.2	13	1373.0	-	7.473105
13	2	71.8	9	1535.0	-	8.371466
14	2	97.2	17	1767.0	-	9.315210
15	1	97.6	15	-	-	9.873637
16	2	74.9	15	1578.0	-	10.301629
17	3	95.8	10	1134.0	1898.0	10.989831
18	2	81.9	17	1670.0	-	11.589154

Table 78 - Long Sequence Waveform Trial#23 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.2	18	1371.0	-	0.636107
2	2	53.0	12	1192.0	-	1.862020
3	1	88.0	19	-	-	2.623513
4	1	59.6	15	-	-	4.039447
5	3	62.0	15	1342.0	1661.0	5.027799
6	2	75.4	7	1398.0	-	6.055480
7	2	84.9	14	1347.0	-	7.094165
8	2	90.9	8	1795.0	-	7.715880
9	2	86.0	19	2000.0	-	9.473303
10	1	84.6	7	-	-	9.983892
11	2	59.8	7	1458.0	-	11.119733

Table 79 - Long Sequence Waveform Trial#24 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.1	9	1355.0	1682.0	0.394727
2	3	83.3	12	1442.0	1528.0	1.344528
3	1	95.6	18	-	-	3.994819
4	1	87.2	14	-	-	4.866068
5	3	89.8	18	1222.0	1418.0	6.591654
6	3	56.4	13	1720.0	1009.0	6.938189
7	2	73.7	15	1886.0	-	8.368855
8	1	64.1	14	-	-	10.508645
9	2	87.7	17	1557.0	-	11.535016

Table 80 - Long Sequence Waveform Trial#25 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.8	14	1834.0	-	0.707267
2	2	70.0	18	1707.0	-	1.284818
3	2	94.9	14	1279.0	-	2.010584
4	2	52.9	6	1275.0	-	2.721902
5	2	87.7	13	1337.0	-	3.899310
6	3	51.2	5	1835.0	1263.0	4.293485
7	1	50.3	9	-	-	5.256570
8	1	86.1	15	-	-	5.857638
9	2	79.7	11	1654.0	-	6.924773
10	3	83.9	7	1091.0	1786.0	7.709421
11	2	91.6	14	1913.0	-	8.376422
12	2	92.2	6	1012.0	-	8.865029
13	2	93.7	12	1315.0	-	10.018960
14	2	60.9	5	1038.0	-	11.028338
15	1	68.2	10	-	-	11.589274

Table 81 - Long Sequence Waveform Trial#26 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.7	17	1461.0	-	0.981557
2	1	75.9	10	-	-	1.878684
3	3	65.4	16	1463.0	1746.0	2.657009
4	3	90.3	18	1041.0	1966.0	3.786335
5	1	52.1	7	-	-	5.378807
6	3	75.9	13	1203.0	1011.0	6.413524
7	1	69.0	10	-	-	7.389867
8	2	81.3	13	1835.0	-	9.204523
9	2	98.6	15	1817.0	-	10.241277
10	2	95.5	15	1392.0	-	11.289525

Table 82 - Long Sequence Waveform Trial#27 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	76.6	11	1443.0	1795.0	0.697980
2	3	97.5	20	1509.0	1153.0	1.463620
3	2	88.5	9	1308.0	-	1.749938
4	2	91.3	20	1346.0	-	2.361286
5	1	91.9	11	-	-	3.516205
6	3	97.1	12	1073.0	1189.0	4.413063
7	2	86.4	19	1330.0	-	4.695154
8	2	91.6	8	1121.0	-	5.946953
9	3	57.8	10	1728.0	1689.0	6.278223
10	2	74.1	9	1821.0	-	7.163321
11	1	87.9	17	-	-	7.656743
12	1	79.4	15	-	-	8.925715
13	3	58.1	16	1610.0	1962.0	9.334939
14	2	93.9	8	1453.0	-	10.033174
15	3	75.7	6	1547.0	1909.0	10.543226
16	2	65.6	17	1196.0	-	11.902985

Table 83 - 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	70.4	14	1220.0	-	0.587719
2	2	98.1	18	1180.0	-	1.022605
3	3	97.5	17	1801.0	1878.0	2.194128
4	1	51.0	5	-	-	3.877253
5	2	84.1	12	1278.0	-	4.916449
6	1	76.6	13	-	-	5.151339
7	2	97.4	14	1734.0	-	6.006524
8	1	77.6	18	-	-	7.983708
9	2	99.4	19	1785.0	-	8.179834
10	2	53.6	6	1816.0	-	9.836597
11	1	54.6	10	-	-	10.402671
12	3	76.3	10	1717.0	1494.0	11.407023

Table 84 - Long Sequence Waveform Trial#29 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.7	17	1076.0	-	0.252817
2	3	86.7	9	1764.0	1687.0	0.689133
3	2	62.8	19	1279.0	-	1.414444
4	2	82.0	9	1963.0	-	2.349361
5	2	68.3	16	1848.0	-	2.850176
6	3	58.7	11	1857.0	1035.0	3.371305
7	1	61.4	18	-	-	4.072566
8	1	63.1	16	-	-	5.195225
9	3	76.4	10	1353.0	1098.0	5.430116
10	2	83.2	10	1647.0	-	6.641939
11	2	63.2	12	1070.0	-	7.213943
12	3	97.0	10	1394.0	1574.0	7.804676
13	2	99.2	17	1309.0	-	8.209627
14	3	53.0	17	1661.0	1704.0	9.101516
15	2	68.8	8	1648.0	-	9.689685
16	1	99.4	7	-	-	10.009384
17	2	55.7	18	1880.0	-	10.809773
18	1	73.0	11	-	-	11.702332

Table 85 - Long Sequence Waveform Trial#30 (Detected) Single Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	84.7	9	1772.0	-	1.005267
2	1	58.6	6	-	-	1.710503
3	1	89.9	15	-	-	3.236782
4	2	94.3	12	1913.0	-	4.520685
5	3	68.5	5	1717.0	1499.0	5.055115
6	2	98.4	17	1804.0	-	7.000197
7	3	75.8	9	1162.0	1240.0	8.374022
8	2	58.9	17	1519.0	-	8.924673
9	2	90.4	11	1688.0	-	10.222027
10	1	75.4	12	-	-	11.968608

Table 86 - FCC Short Pulse Radar (Type 1) Results Dual Band 20MHz

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, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	No	5495.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 87 - FCC Short Pulse Radar (Type 2) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	25	3.0	184.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	26	5.0	201.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	28	1.7	190.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	25	2.1	222.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	26	4.5	210.0	Yes	5495.0MHz, -63.0dBm	Single burst
6	28	3.5	193.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	27	2.0	202.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	29	1.3	161.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	26	2.8	190.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	25	2.5	221.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	28	4.5	175.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	26	1.7	175.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	23	1.5	156.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	27	1.0	167.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	27	1.2	208.0	Yes	5505.0MHz, -63.0dBm	Single burst
16	26	3.4	212.0	Yes	5500.0MHz, -63.0dBm	Single burst

Table 87 - FCC Short Pulse Radar (Type 2) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
17	23	3.4	223.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	27	3.0	152.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	24	4.2	230.0	No	5500.0MHz, -63.0dBm	Single burst
20	24	3.9	184.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	24	2.0	185.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	24	3.7	210.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	25	4.1	206.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	28	1.0	157.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	25	3.9	169.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	25	4.4	207.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	27	4.4	178.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	28	3.8	183.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	25	3.9	166.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	23	1.4	154.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 88 - FCC Short Pulse Radar (Type 3) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	6.7	275.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	17	8.9	326.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	18	7.6	342.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	17	8.9	408.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	16	9.9	216.0	No	5495.0MHz, -63.0dBm	Single burst
6	18	7.8	371.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	18	9.6	322.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	16	6.5	411.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	17	6.5	230.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	16	8.0	321.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	17	9.8	270.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	17	9.2	401.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	18	9.8	492.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	17	7.8	335.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	18	8.8	281.0	Yes	5505.0MHz, -63.0dBm	Single burst
16	17	8.1	481.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	18	9.6	317.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	16	7.8	271.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	17	7.0	481.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	17	9.3	210.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	18	8.8	268.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	17	7.1	485.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	16	7.2	377.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	18	6.2	455.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	16	6.7	423.0	No	5500.0MHz, -63.0dBm	Single burst
26	17	8.2	248.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	17	7.9	467.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	17	7.0	339.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	16	9.4	440.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	18	9.3	465.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 89 - FCC Short Pulse Radar (Type 4) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	17.3	403.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	13	17.5	432.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	15	13.0	221.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	15	13.9	446.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	13	19.2	297.0	Yes	5495.0MHz, -63.0dBm	Single burst
6	12	15.1	289.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	12	20.0	494.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	16	11.9	494.0	Yes	5495.0MHz, -63.0dBm	Single burst
9	14	16.6	340.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	13	15.2	468.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	12	16.9	475.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	14	16.1	449.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	12	17.9	307.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	14	19.7	200.0	Yes	5495.0MHz, -63.0dBm	Single burst
15	12	19.7	213.0	Yes	5505.0MHz, -63.0dBm	Single burst
16	15	13.0	418.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	12	19.4	206.0	Yes	5495.0MHz, -63.0dBm	Single burst
18	13	11.6	429.0	Yes	5505.0MHz, -63.0dBm	Single burst
19	14	12.1	359.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	13	13.8	291.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	13	19.7	451.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	14	12.2	378.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	14	15.8	298.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	14	12.6	247.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	13	18.8	221.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	14	19.0	420.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	14	17.7	291.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	16	11.2	249.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	13	16.3	485.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	12	15.7	329.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5342, 5408, 5398, 5379, 5452, 5432, 5560, 5586, 5317, 5499, 5503, 5361, 5704, 5540, 5550, 5253, 5471, 5611, 5707, 5519, 5390, 5681, 5280, 5326, 5414, 5571, 5602, 5465, 5419, 5339, 5282, 5533, 5614, 5277, 5440, 5458, 5717, 5270, 5351, 5641, 5714, 5572, 5358, 5522, 5405, 5378, 5321, 5574, 5395, 5273, 5261, 5703, 5360, 5715, 5314, 5676, 5368, 5275, 5401, 5281, 5389, 5651, 5686, 5298, 5502, 5299, 5480, 5423, 5619, 5477, 5413, 5513, 5450, 5721, 5682, 5489, 5491, 5559, 5415, 5497, 5509, 5427, 5529, 5697, 5338, 5262, 5362, 5397, 5474, 5265, 5347, 5545, 5292, 5498, 5483, 5400, 5353, 5719, 5631, 5367 (7 hits) (04/08/2013 04:36:38 PM)
2	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5463, 5321, 5423, 5698, 5354, 5401, 5309, 5443, 5636, 5527, 5256, 5422, 5304, 5701, 5368, 5340, 5481, 5566, 5275, 5397, 5652, 5553, 5262, 5477, 5586, 5673, 5555, 5307, 5457, 5280, 5639, 5508, 5279, 5550, 5454, 5640, 5450, 5456, 5469, 5580, 5696, 5664, 5464, 5435, 5655, 5651, 5648, 5410, 5675, 5661, 5474, 5462, 5347, 5425, 5259, 5349, 5500, 5442, 5326, 5466, 5277, 5691, 5393, 5604, 5677, 5441, 5367, 5685, 5404, 5692, 5545, 5427, 5428, 5573, 5409, 5703, 5346, 5324, 5271, 5590, 5338, 5265, 5478, 5495, 5489, 5658, 5342, 5551, 5598, 5699, 5360, 5447, 5453, 5337, 5282, 5656, 5339, 5507, 5681, 5712 (4 hits) (04/08/2013 04:36:46 PM)
3	9	1.0	333.0	Yes	5490.0MHz, -63.0dBm	Hop sequence: 5647, 5275, 5399, 5722, 5522, 5630, 5327, 5564, 5528, 5342, 5592, 5360, 5477, 5499, 5514, 5317, 5555, 5252, 5664, 5356, 5632, 5343, 5431, 5671, 5471, 5474, 5712, 5308, 5525, 5635, 5617, 5570, 5363, 5352, 5373, 5438, 5698, 5433, 5287, 5464, 5553, 5322, 5551, 5429, 5278, 5512, 5469, 5439,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5376, 5262, 5370, 5264, 5565, 5321, 5476, 5571, 5425, 5348, 5519, 5334, 5314, 5450, 5282, 5283, 5261, 5390, 5546, 5518, 5458, 5674, 5542, 5273, 5276, 5576, 5701, 5410, 5665, 5392, 5656, 5307, 5452, 5333, 5545, 5381, 5367, 5520, 5567, 5296, 5423, 5359, 5720, 5489, 5645, 5586, 5608, 5446, 5285, 5299, 5312, 5456 (1 hits) (04/08/2013 04:36:52 PM)
4	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5398, 5551, 5257, 5598, 5314, 5640, 5573, 5666, 5484, 5308, 5547, 5366, 5336, 5440, 5290, 5394, 5404, 5327, 5271, 5614, 5418, 5526, 5466, 5348, 5309, 5638, 5560, 5677, 5619, 5578, 5305, 5443, 5330, 5387, 5703, 5626, 5669, 5278, 5577, 5650, 5349, 5445, 5705, 5373, 5605, 5726, 5353, 5554, 5711, 5649, 5603, 5506, 5663, 5588, 5477, 5472, 5400, 5559, 5370, 5556, 5489, 5266, 5334, 5546, 5488, 5561, 5498, 5530, 5296, 5717, 5463, 5508, 5302, 5596, 5451, 5492, 5476, 5575, 5383, 5264, 5462, 5480, 5515, 5657, 5689, 5704, 5280, 5688, 5566, 5519, 5502, 5572, 5607, 5335, 5326, 5479, 5487, 5525, 5579, 5694 (5 hits) (04/08/2013 04:36:59 PM)
5	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5526, 5599, 5560, 5596, 5661, 5384, 5458, 5305, 5668, 5347, 5414, 5525, 5632, 5400, 5290, 5545, 5575, 5622, 5289, 5689, 5342, 5294, 5710, 5563, 5250, 5323, 5393, 5276, 5462, 5678, 5588, 5442, 5392, 5667, 5555, 5467, 5478, 5652, 5558, 5657, 5605, 5612, 5506, 5381, 5481, 5495, 5312, 5521, 5611, 5681, 5486, 5703, 5621, 5620, 5311, 5265, 5307, 5463, 5561, 5529, 5315, 5570, 5676, 5282, 5633, 5409, 5310, 5335, 5699, 5370, 5448, 5385, 5531, 5268, 5665, 5383, 5291, 5723, 5359, 5686, 5628, 5488, 5416, 5437, 5480, 5567, 5717, 5429, 5397, 5644, 5666, 5543, 5344, 5371, 5680, 5641, 5471, 5677, 5610, 5613 (2 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:37:06 PM)
6	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5279, 5341, 5361, 5292, 5570, 5478, 5480, 5697, 5414, 5518, 5436, 5693, 5676, 5585, 5601, 5439, 5712, 5623, 5682, 5630, 5381, 5672, 5525, 5400, 5325, 5373, 5275, 5505, 5422, 5263, 5307, 5674, 5629, 5293, 5634, 5501, 5574, 5385, 5547, 5328, 5288, 5544, 5679, 5359, 5477, 5669, 5502, 5379, 5476, 5654, 5376, 5391, 5606, 5393, 5598, 5607, 5701, 5615, 5522, 5466, 5388, 5291, 5321, 5310, 5597, 5713, 5702, 5378, 5708, 5425, 5566, 5260, 5546, 5461, 5284, 5444, 5562, 5560, 5323, 5636, 5534, 5613, 5252, 5612, 5539, 5412, 5427, 5716, 5270, 5638, 5587, 5277, 5375, 5261, 5344, 5494, 5499, 5722, 5604, 5567 (5 hits) (04/08/2013 04:37:12 PM)
7	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5646, 5287, 5426, 5511, 5532, 5617, 5714, 5673, 5388, 5475, 5371, 5404, 5674, 5260, 5618, 5430, 5493, 5677, 5638, 5497, 5453, 5321, 5706, 5603, 5461, 5422, 5557, 5578, 5391, 5470, 5328, 5521, 5421, 5308, 5353, 5292, 5447, 5490, 5502, 5322, 5691, 5569, 5451, 5608, 5526, 5530, 5309, 5400, 5625, 5340, 5720, 5715, 5464, 5682, 5258, 5503, 5402, 5370, 5587, 5348, 5601, 5354, 5290, 5614, 5349, 5278, 5334, 5359, 5289, 5579, 5434, 5403, 5449, 5647, 5520, 5429, 5637, 5498, 5311, 5527, 5336, 5488, 5635, 5516, 5542, 5699, 5271, 5582, 5704, 5598, 5276, 5623, 5320, 5664, 5272, 5299, 5482, 5487, 5701, 5550 (6 hits) (04/08/2013 04:37:19 PM)
8	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5343, 5617, 5592, 5661, 5434, 5265, 5629, 5505, 5393, 5656, 5285, 5497, 5366, 5347, 5282, 5668, 5300, 5454, 5386, 5476, 5412, 5566, 5274, 5555, 5303, 5637, 5578, 5710, 5654, 5433, 5357, 5583, 5675, 5311, 5474, 5415, 5272, 5279, 5268, 5457, 5263, 5322, 5281, 5312, 5356, 5439, 5305, 5606,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5276, 5375, 5512, 5259, 5294, 5559, 5359, 5612, 5296, 5607, 5527, 5709, 5605, 5671, 5344, 5472, 5585, 5328, 5482, 5570, 5377, 5618, 5391, 5639, 5698, 5426, 5535, 5524, 5529, 5422, 5679, 5647, 5708, 5358, 5532, 5558, 5632, 5590, 5690, 5704, 5458, 5636, 5455, 5705, 5678, 5287, 5436, 5370, 5657, 5510, 5392, 5251 (3 hits) (04/08/2013 04:37:25 PM)
9	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5561, 5330, 5391, 5517, 5533, 5473, 5585, 5396, 5335, 5563, 5618, 5309, 5680, 5643, 5361, 5262, 5334, 5272, 5431, 5718, 5281, 5485, 5380, 5283, 5690, 5268, 5572, 5522, 5647, 5253, 5360, 5462, 5342, 5447, 5623, 5417, 5340, 5307, 5424, 5460, 5688, 5349, 5724, 5324, 5296, 5646, 5591, 5629, 5544, 5407, 5353, 5697, 5519, 5312, 5414, 5694, 5553, 5662, 5532, 5497, 5600, 5365, 5610, 5642, 5458, 5657, 5470, 5386, 5445, 5381, 5356, 5258, 5539, 5260, 5428, 5710, 5433, 5559, 5510, 5687, 5319, 5430, 5455, 5449, 5489, 5577, 5583, 5395, 5518, 5530, 5656, 5371, 5649, 5293, 5714, 5520, 5684, 5387, 5655, 5461 (2 hits) (04/08/2013 04:37:32 PM)
10	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5405, 5491, 5715, 5703, 5474, 5366, 5432, 5461, 5672, 5459, 5673, 5367, 5396, 5658, 5604, 5667, 5677, 5358, 5344, 5384, 5538, 5616, 5531, 5693, 5298, 5684, 5443, 5663, 5563, 5371, 5321, 5518, 5453, 5700, 5639, 5444, 5475, 5385, 5705, 5660, 5543, 5424, 5592, 5682, 5411, 5273, 5594, 5650, 5346, 5373, 5510, 5330, 5536, 5329, 5602, 5632, 5506, 5495, 5421, 5337, 5262, 5274, 5270, 5276, 5607, 5255, 5260, 5394, 5423, 5649, 5566, 5406, 5706, 5383, 5282, 5557, 5568, 5264, 5332, 5387, 5448, 5430, 5492, 5301, 5331, 5446, 5680, 5508, 5600, 5608, 5472, 5426, 5258, 5378, 5308, 5532, 5659, 5470, 5375, 5549 (6 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:37:48 PM)
11	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5663, 5525, 5379, 5362, 5321, 5534, 5648, 5258, 5462, 5417, 5701, 5577, 5698, 5575, 5569, 5580, 5621, 5302, 5440, 5364, 5547, 5484, 5673, 5381, 5350, 5388, 5529, 5713, 5721, 5586, 5297, 5542, 5686, 5579, 5540, 5669, 5355, 5700, 5478, 5505, 5697, 5427, 5588, 5397, 5337, 5689, 5342, 5558, 5276, 5703, 5390, 5564, 5476, 5490, 5290, 5344, 5612, 5452, 5643, 5304, 5368, 5693, 5445, 5590, 5593, 5708, 5395, 5430, 5422, 5409, 5711, 5665, 5536, 5602, 5498, 5615, 5715, 5336, 5394, 5296, 5256, 5591, 5631, 5519, 5454, 5449, 5386, 5398, 5251, 5614, 5556, 5687, 5677, 5668, 5559, 5600, 5352, 5511, 5684, 5356 (3 hits) (04/08/2013 04:37:56 PM)
12	9	1.0	333.0	No	5499.0MHz, -63.0dBm	Hop sequence: 5324, 5406, 5626, 5550, 5710, 5438, 5337, 5331, 5358, 5451, 5312, 5435, 5319, 5336, 5602, 5268, 5663, 5664, 5512, 5548, 5616, 5496, 5334, 5357, 5538, 5552, 5487, 5347, 5527, 5370, 5662, 5493, 5698, 5694, 5320, 5621, 5668, 5519, 5381, 5363, 5529, 5252, 5327, 5415, 5574, 5581, 5446, 5612, 5688, 5253, 5402, 5543, 5264, 5646, 5532, 5380, 5270, 5711, 5562, 5535, 5713, 5477, 5488, 5491, 5442, 5705, 5670, 5622, 5617, 5458, 5299, 5287, 5597, 5726, 5396, 5695, 5388, 5455, 5721, 5266, 5691, 5330, 5547, 5577, 5278, 5421, 5702, 5439, 5482, 5587, 5585, 5521, 5390, 5398, 5356, 5413, 5689, 5542, 5289, 5405 (3 hits) (04/08/2013 04:38:04 PM)
13	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5376, 5489, 5304, 5604, 5284, 5403, 5722, 5310, 5372, 5418, 5603, 5404, 5564, 5454, 5328, 5607, 5505, 5700, 5680, 5583, 5539, 5488, 5271, 5438, 5292, 5296, 5589, 5254, 5647, 5299, 5704, 5652, 5682, 5352, 5436, 5690, 5673, 5664, 5307, 5468, 5297, 5574, 5305, 5398, 5277, 5268, 5723, 5541,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5670, 5504, 5619, 5463, 5639, 5258, 5354, 5590, 5609, 5630, 5440, 5262, 5641, 5663, 5280, 5416, 5569, 5605, 5597, 5446, 5592, 5503, 5278, 5710, 5567, 5410, 5501, 5581, 5553, 5433, 5622, 5439, 5422, 5427, 5646, 5383, 5375, 5577, 5600, 5356, 5251, 5319, 5703, 5656, 5534, 5586, 5512, 5272, 5496, 5516, 5548, 5477 (5 hits) (04/08/2013 04:38:12 PM)
14	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5310, 5488, 5289, 5321, 5527, 5581, 5260, 5436, 5344, 5516, 5525, 5359, 5695, 5303, 5392, 5362, 5446, 5417, 5296, 5535, 5587, 5464, 5578, 5640, 5459, 5502, 5628, 5426, 5456, 5275, 5509, 5252, 5560, 5598, 5636, 5293, 5594, 5622, 5440, 5378, 5339, 5322, 5597, 5264, 5458, 5657, 5420, 5699, 5311, 5447, 5314, 5541, 5674, 5553, 5619, 5724, 5649, 5331, 5427, 5599, 5398, 5277, 5713, 5408, 5719, 5317, 5678, 5455, 5709, 5287, 5666, 5449, 5569, 5474, 5328, 5725, 5492, 5669, 5302, 5469, 5438, 5575, 5386, 5256, 5451, 5271, 5536, 5495, 5280, 5341, 5374, 5620, 5276, 5630, 5399, 5347, 5723, 5285, 5402, 5683 (4 hits) (04/08/2013 04:38:19 PM)
15	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5284, 5582, 5386, 5533, 5268, 5483, 5351, 5633, 5401, 5478, 5448, 5508, 5545, 5650, 5494, 5346, 5554, 5439, 5682, 5251, 5543, 5473, 5523, 5326, 5301, 5452, 5647, 5253, 5330, 5717, 5418, 5670, 5549, 5424, 5658, 5699, 5444, 5692, 5585, 5432, 5436, 5286, 5451, 5671, 5465, 5686, 5349, 5600, 5712, 5263, 5502, 5531, 5618, 5544, 5579, 5646, 5442, 5299, 5353, 5438, 5332, 5503, 5652, 5454, 5593, 5369, 5277, 5449, 5421, 5388, 5409, 5459, 5339, 5378, 5631, 5467, 5669, 5302, 5381, 5383, 5393, 5587, 5570, 5300, 5720, 5657, 5664, 5357, 5384, 5630, 5723, 5539, 5486, 5458, 5538, 5703, 5329, 5462, 5707, 5517 (4 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:38:26 PM)
16	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5392, 5692, 5303, 5681, 5389, 5428, 5437, 5322, 5262, 5423, 5360, 5457, 5258, 5294, 5596, 5698, 5299, 5438, 5416, 5455, 5323, 5542, 5574, 5345, 5645, 5627, 5566, 5569, 5354, 5343, 5532, 5386, 5251, 5706, 5688, 5594, 5623, 5634, 5384, 5265, 5271, 5620, 5340, 5505, 5277, 5694, 5398, 5255, 5689, 5421, 5664, 5279, 5534, 5702, 5699, 5558, 5573, 5349, 5316, 5441, 5290, 5636, 5714, 5458, 5417, 5373, 5381, 5555, 5372, 5394, 5456, 5675, 5446, 5391, 5447, 5630, 5404, 5612, 5725, 5556, 5327, 5347, 5495, 5650, 5270, 5356, 5572, 5647, 5339, 5536, 5554, 5341, 5483, 5420, 5497, 5693, 5678, 5409, 5359, 5256 (3 hits) (04/08/2013 04:38:32 PM)
17	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5370, 5709, 5324, 5270, 5586, 5469, 5407, 5591, 5352, 5539, 5462, 5565, 5361, 5335, 5467, 5273, 5460, 5707, 5478, 5708, 5659, 5717, 5657, 5253, 5483, 5628, 5538, 5442, 5422, 5480, 5685, 5302, 5472, 5721, 5545, 5441, 5368, 5561, 5623, 5635, 5519, 5576, 5336, 5296, 5705, 5374, 5260, 5593, 5607, 5443, 5338, 5383, 5524, 5409, 5261, 5616, 5288, 5454, 5391, 5334, 5546, 5320, 5384, 5718, 5645, 5358, 5300, 5686, 5365, 5640, 5294, 5509, 5371, 5252, 5667, 5425, 5415, 5518, 5656, 5329, 5544, 5263, 5290, 5330, 5496, 5366, 5325, 5453, 5258, 5531, 5595, 5673, 5682, 5433, 5410, 5564, 5516, 5581, 5251, 5350 (2 hits) (04/08/2013 04:38:39 PM)
18	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5697, 5329, 5279, 5437, 5429, 5689, 5665, 5716, 5513, 5280, 5500, 5292, 5518, 5253, 5530, 5385, 5299, 5349, 5359, 5446, 5714, 5405, 5427, 5619, 5452, 5672, 5608, 5327, 5420, 5357, 5409, 5350, 5549, 5524, 5532, 5706, 5609, 5615, 5707, 5450, 5412, 5687, 5260, 5394, 5719, 5636, 5435, 5531,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5410, 5474, 5482, 5252, 5375, 5603, 5388, 5498, 5303, 5644, 5512, 5422, 5567, 5590, 5477, 5637, 5344, 5614, 5583, 5268, 5694, 5325, 5354, 5508, 5345, 5698, 5311, 5439, 5543, 5418, 5262, 5369, 5442, 5622, 5536, 5254, 5361, 5570, 5594, 5340, 5552, 5448, 5414, 5419, 5616, 5368, 5316, 5367, 5341, 5675, 5584, 5573 (3 hits) (04/08/2013 04:38:46 PM)
19	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5468, 5347, 5649, 5349, 5489, 5475, 5357, 5291, 5541, 5547, 5338, 5327, 5689, 5721, 5483, 5426, 5659, 5714, 5391, 5724, 5326, 5718, 5498, 5590, 5561, 5609, 5665, 5564, 5637, 5292, 5514, 5673, 5495, 5440, 5268, 5723, 5366, 5611, 5407, 5600, 5565, 5251, 5323, 5594, 5722, 5342, 5360, 5566, 5358, 5465, 5296, 5315, 5601, 5650, 5380, 5259, 5587, 5543, 5682, 5685, 5260, 5687, 5343, 5521, 5388, 5544, 5720, 5579, 5640, 5461, 5711, 5573, 5520, 5293, 5460, 5700, 5631, 5400, 5353, 5513, 5421, 5316, 5284, 5332, 5715, 5647, 5683, 5652, 5456, 5277, 5311, 5698, 5648, 5255, 5621, 5500, 5441, 5413, 5423, 5719 (3 hits) (04/08/2013 04:38:54 PM)
20	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5574, 5290, 5380, 5436, 5353, 5307, 5254, 5469, 5292, 5296, 5407, 5605, 5403, 5377, 5547, 5411, 5722, 5614, 5434, 5548, 5695, 5389, 5515, 5580, 5392, 5481, 5357, 5522, 5596, 5347, 5534, 5454, 5369, 5409, 5391, 5675, 5562, 5395, 5320, 5651, 5587, 5456, 5404, 5492, 5463, 5485, 5658, 5494, 5638, 5250, 5545, 5508, 5606, 5429, 5460, 5273, 5337, 5348, 5386, 5465, 5288, 5378, 5329, 5682, 5557, 5259, 5501, 5450, 5619, 5604, 5394, 5581, 5427, 5467, 5506, 5687, 5446, 5277, 5371, 5341, 5575, 5602, 5398, 5301, 5490, 5322, 5470, 5717, 5633, 5718, 5650, 5654, 5724, 5583, 5451, 5618, 5298, 5642, 5471, 5438 (6 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:39:01 PM)
21	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5717, 5563, 5590, 5547, 5567, 5280, 5574, 5679, 5269, 5469, 5376, 5400, 5702, 5261, 5446, 5593, 5409, 5371, 5285, 5434, 5708, 5703, 5368, 5721, 5622, 5494, 5260, 5499, 5714, 5535, 5306, 5456, 5480, 5564, 5455, 5523, 5506, 5507, 5601, 5495, 5584, 5276, 5410, 5399, 5287, 5720, 5646, 5569, 5606, 5262, 5706, 5712, 5307, 5397, 5350, 5683, 5286, 5300, 5509, 5337, 5259, 5537, 5256, 5482, 5530, 5556, 5485, 5635, 5401, 5336, 5279, 5447, 5398, 5379, 5468, 5498, 5348, 5654, 5655, 5571, 5598, 5370, 5328, 5558, 5623, 5493, 5552, 5639, 5724, 5282, 5615, 5354, 5637, 5565, 5649, 5677, 5405, 5326, 5332, 5616 (8 hits) (04/08/2013 04:39:09 PM)
22	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5700, 5612, 5496, 5546, 5455, 5443, 5421, 5353, 5607, 5411, 5562, 5287, 5352, 5365, 5499, 5398, 5687, 5402, 5484, 5706, 5628, 5300, 5726, 5512, 5409, 5479, 5367, 5392, 5383, 5414, 5565, 5617, 5442, 5308, 5714, 5456, 5515, 5461, 5376, 5709, 5534, 5511, 5547, 5683, 5331, 5648, 5268, 5549, 5641, 5335, 5459, 5692, 5655, 5436, 5448, 5317, 5529, 5614, 5462, 5501, 5517, 5666, 5710, 5721, 5633, 5361, 5441, 5469, 5279, 5328, 5555, 5480, 5466, 5497, 5253, 5586, 5543, 5250, 5273, 5636, 5590, 5638, 5490, 5644, 5302, 5474, 5424, 5489, 5536, 5387, 5374, 5588, 5259, 5703, 5416, 5271, 5377, 5647, 5696, 5654 (5 hits) (04/08/2013 04:39:16 PM)
23	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5304, 5563, 5322, 5654, 5253, 5433, 5352, 5382, 5704, 5344, 5657, 5523, 5282, 5601, 5663, 5525, 5530, 5440, 5582, 5375, 5457, 5580, 5542, 5669, 5498, 5266, 5472, 5468, 5269, 5528, 5655, 5362, 5298, 5293, 5331, 5441, 5386, 5332, 5520, 5345, 5690, 5268, 5280, 5549, 5608, 5257, 5278, 5326,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5385, 5361, 5252, 5501, 5526, 5687, 5473, 5660, 5595, 5691, 5409, 5416, 5662, 5343, 5383, 5568, 5541, 5327, 5713, 5632, 5318, 5644, 5504, 5359, 5694, 5356, 5718, 5370, 5648, 5338, 5371, 5455, 5323, 5418, 5392, 5548, 5286, 5716, 5703, 5328, 5414, 5387, 5571, 5475, 5373, 5395, 5342, 5299, 5555, 5641, 5284, 5606 (3 hits) (04/08/2013 04:39:23 PM)
24	9	1.0	333.0	Yes	5490.0MHz, -63.0dBm	Hop sequence: 5491, 5492, 5425, 5627, 5613, 5469, 5701, 5650, 5636, 5263, 5458, 5473, 5339, 5346, 5682, 5678, 5705, 5662, 5436, 5610, 5354, 5279, 5632, 5514, 5545, 5457, 5484, 5443, 5289, 5508, 5474, 5493, 5390, 5563, 5305, 5554, 5552, 5454, 5276, 5274, 5361, 5573, 5708, 5558, 5635, 5337, 5698, 5313, 5446, 5591, 5647, 5633, 5553, 5422, 5268, 5594, 5416, 5385, 5507, 5327, 5668, 5612, 5401, 5564, 5326, 5664, 5470, 5405, 5714, 5576, 5331, 5569, 5456, 5691, 5373, 5394, 5259, 5618, 5255, 5449, 5670, 5593, 5534, 5448, 5498, 5549, 5599, 5506, 5347, 5270, 5328, 5666, 5439, 5409, 5706, 5465, 5726, 5435, 5303, 5696 (7 hits) (04/08/2013 04:39:30 PM)
25	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5573, 5629, 5615, 5524, 5310, 5418, 5634, 5391, 5480, 5509, 5456, 5586, 5718, 5581, 5704, 5719, 5330, 5319, 5650, 5557, 5352, 5638, 5720, 5396, 5630, 5317, 5487, 5560, 5499, 5596, 5709, 5413, 5448, 5622, 5688, 5510, 5533, 5582, 5646, 5621, 5684, 5412, 5575, 5284, 5685, 5410, 5518, 5502, 5626, 5374, 5527, 5660, 5453, 5298, 5278, 5669, 5401, 5678, 5400, 5342, 5707, 5532, 5598, 5464, 5611, 5289, 5272, 5513, 5545, 5690, 5515, 5543, 5440, 5309, 5700, 5500, 5291, 5395, 5694, 5547, 5285, 5507, 5516, 5297, 5476, 5350, 5671, 5593, 5631, 5348, 5566, 5392, 5695, 5618, 5635, 5353, 5452, 5294, 5683, 5462 (6 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:39:37 PM)
26	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5533, 5395, 5309, 5266, 5564, 5329, 5567, 5568, 5612, 5690, 5407, 5413, 5656, 5369, 5619, 5667, 5465, 5439, 5697, 5717, 5387, 5366, 5289, 5472, 5528, 5295, 5278, 5651, 5354, 5570, 5542, 5316, 5417, 5401, 5270, 5719, 5315, 5342, 5489, 5440, 5621, 5332, 5672, 5445, 5336, 5649, 5456, 5280, 5627, 5397, 5601, 5355, 5301, 5389, 5688, 5597, 5636, 5497, 5314, 5452, 5436, 5340, 5318, 5558, 5642, 5674, 5523, 5265, 5559, 5327, 5616, 5650, 5562, 5586, 5475, 5718, 5703, 5681, 5357, 5573, 5679, 5254, 5403, 5520, 5613, 5368, 5576, 5640, 5632, 5487, 5480, 5320, 5566, 5622, 5499, 5484, 5344, 5346, 5532, 5296 (2 hits) (04/08/2013 04:39:44 PM)
27	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5617, 5342, 5682, 5255, 5558, 5496, 5265, 5440, 5380, 5685, 5289, 5485, 5332, 5634, 5353, 5512, 5362, 5676, 5662, 5704, 5251, 5324, 5724, 5405, 5266, 5285, 5385, 5639, 5469, 5521, 5640, 5707, 5320, 5343, 5263, 5573, 5309, 5537, 5577, 5410, 5645, 5671, 5714, 5450, 5429, 5463, 5412, 5262, 5336, 5273, 5699, 5516, 5501, 5456, 5557, 5695, 5392, 5531, 5358, 5345, 5333, 5522, 5256, 5585, 5702, 5606, 5613, 5696, 5659, 5503, 5253, 5499, 5290, 5575, 5453, 5282, 5278, 5587, 5539, 5580, 5297, 5603, 5399, 5408, 5686, 5545, 5698, 5420, 5340, 5442, 5318, 5364, 5661, 5549, 5272, 5376, 5524, 5334, 5570, 5430 (4 hits) (04/08/2013 04:39:57 PM)
28	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5547, 5329, 5331, 5326, 5551, 5691, 5543, 5415, 5425, 5647, 5393, 5592, 5274, 5502, 5593, 5358, 5602, 5311, 5548, 5575, 5700, 5361, 5669, 5435, 5480, 5488, 5653, 5507, 5494, 5469, 5501, 5563, 5562, 5419, 5437, 5259, 5408, 5584, 5383, 5705, 5466, 5489, 5694, 5389, 5639, 5366, 5285, 5521,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5424, 5486, 5284, 5618, 5673, 5649, 5279, 5634, 5399, 5482, 5520, 5334, 5305, 5281, 5470, 5475, 5626, 5468, 5590, 5451, 5463, 5380, 5430, 5581, 5615, 5344, 5250, 5648, 5632, 5552, 5423, 5582, 5417, 5414, 5403, 5441, 5266, 5400, 5558, 5474, 5671, 5260, 5491, 5323, 5570, 5340, 5572, 5535, 5675, 5303, 5599, 5633 (5 hits) (04/08/2013 04:40:04 PM)
29	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5420, 5397, 5642, 5523, 5560, 5648, 5403, 5535, 5301, 5498, 5289, 5264, 5546, 5344, 5524, 5506, 5530, 5346, 5402, 5382, 5507, 5649, 5624, 5286, 5724, 5386, 5563, 5414, 5622, 5304, 5631, 5655, 5266, 5342, 5292, 5375, 5339, 5436, 5360, 5611, 5670, 5572, 5258, 5350, 5668, 5630, 5455, 5259, 5509, 5335, 5478, 5322, 5595, 5303, 5520, 5709, 5657, 5356, 5522, 5626, 5521, 5393, 5596, 5271, 5333, 5482, 5717, 5460, 5385, 5441, 5447, 5540, 5556, 5495, 5700, 5456, 5526, 5252, 5419, 5603, 5694, 5532, 5458, 5273, 5518, 5395, 5349, 5435, 5483, 5568, 5586, 5627, 5284, 5620, 5725, 5338, 5446, 5587, 5711, 5710 (5 hits) (04/08/2013 04:40:11 PM)
30	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5699, 5316, 5679, 5314, 5627, 5544, 5308, 5295, 5485, 5431, 5661, 5351, 5401, 5332, 5499, 5307, 5428, 5256, 5275, 5255, 5618, 5400, 5480, 5361, 5656, 5532, 5548, 5608, 5254, 5505, 5414, 5410, 5695, 5647, 5495, 5475, 5377, 5609, 5403, 5592, 5271, 5694, 5633, 5597, 5683, 5629, 5557, 5580, 5582, 5444, 5264, 5320, 5281, 5385, 5571, 5269, 5318, 5476, 5321, 5631, 5723, 5523, 5722, 5600, 5461, 5331, 5539, 5471, 5685, 5433, 5274, 5519, 5397, 5300, 5336, 5645, 5584, 5335, 5427, 5415, 5583, 5315, 5405, 5615, 5396, 5339, 5564, 5634, 5285, 5649, 5562, 5368, 5696, 5378, 5450, 5272, 5518, 5465, 5500, 5282 (4 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:40:19 PM)
31	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5357, 5633, 5695, 5379, 5476, 5441, 5611, 5372, 5267, 5352, 5606, 5464, 5451, 5523, 5496, 5349, 5504, 5460, 5495, 5394, 5475, 5578, 5294, 5683, 5399, 5708, 5251, 5447, 5722, 5601, 5719, 5284, 5622, 5278, 5690, 5326, 5634, 5350, 5590, 5686, 5533, 5360, 5516, 5384, 5517, 5718, 5461, 5502, 5628, 5383, 5374, 5645, 5310, 5393, 5309, 5355, 5514, 5709, 5414, 5521, 5385, 5424, 5434, 5619, 5691, 5501, 5389, 5347, 5409, 5508, 5642, 5674, 5592, 5484, 5648, 5362, 5293, 5604, 5525, 5492, 5413, 5639, 5473, 5373, 5427, 5422, 5518, 5562, 5498, 5481, 5435, 5715, 5640, 5283, 5663, 5324, 5650, 5699, 5412, 5520 (8 hits) (04/08/2013 04:40:29 PM)
32	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5423, 5364, 5472, 5654, 5420, 5560, 5353, 5526, 5486, 5492, 5277, 5463, 5453, 5508, 5291, 5329, 5424, 5452, 5471, 5666, 5339, 5634, 5594, 5336, 5603, 5705, 5609, 5386, 5255, 5411, 5686, 5639, 5398, 5426, 5262, 5605, 5523, 5443, 5438, 5516, 5659, 5450, 5381, 5662, 5674, 5312, 5457, 5498, 5661, 5641, 5500, 5391, 5279, 5287, 5250, 5684, 5361, 5484, 5648, 5518, 5440, 5514, 5670, 5388, 5480, 5593, 5293, 5427, 5678, 5512, 5297, 5615, 5709, 5272, 5419, 5614, 5576, 5630, 5380, 5534, 5712, 5717, 5264, 5699, 5499, 5412, 5351, 5625, 5318, 5402, 5590, 5417, 5575, 5561, 5267, 5370, 5444, 5382, 5696, 5527 (5 hits) (04/08/2013 04:40:36 PM)
33	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5445, 5585, 5500, 5602, 5542, 5479, 5547, 5622, 5251, 5454, 5430, 5414, 5715, 5670, 5412, 5286, 5264, 5718, 5507, 5571, 5279, 5391, 5436, 5495, 5358, 5519, 5471, 5410, 5469, 5364, 5405, 5401, 5399, 5348, 5384, 5369, 5660, 5375, 5440, 5307, 5532, 5360, 5425, 5714, 5581, 5654, 5252, 5318,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5693, 5663, 5294, 5442, 5642, 5273, 5311, 5393, 5633, 5511, 5419, 5513, 5476, 5372, 5305, 5461, 5280, 5402, 5250, 5699, 5492, 5530, 5328, 5330, 5510, 5388, 5379, 5521, 5439, 5559, 5528, 5418, 5441, 5535, 5386, 5276, 5491, 5609, 5275, 5604, 5613, 5320, 5354, 5692, 5493, 5543, 5435, 5329, 5706, 5392, 5253, 5406 (7 hits) (04/08/2013 04:40:43 PM)
34	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5562, 5430, 5544, 5373, 5577, 5600, 5657, 5332, 5546, 5630, 5647, 5672, 5604, 5341, 5673, 5461, 5281, 5264, 5313, 5309, 5380, 5426, 5564, 5635, 5277, 5637, 5702, 5437, 5524, 5516, 5455, 5466, 5403, 5493, 5390, 5655, 5586, 5345, 5284, 5502, 5610, 5537, 5498, 5651, 5694, 5676, 5375, 5652, 5511, 5656, 5254, 5266, 5624, 5338, 5582, 5541, 5616, 5295, 5465, 5299, 5598, 5664, 5724, 5273, 5366, 5588, 5292, 5432, 5597, 5653, 5654, 5595, 5554, 5700, 5253, 5290, 5302, 5593, 5533, 5379, 5540, 5384, 5310, 5269, 5265, 5683, 5344, 5279, 5263, 5589, 5561, 5402, 5526, 5617, 5530, 5494, 5507, 5351, 5316, 5650 (5 hits) (04/08/2013 04:40:50 PM)
35	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5549, 5385, 5509, 5668, 5462, 5639, 5704, 5273, 5286, 5526, 5501, 5314, 5358, 5705, 5491, 5463, 5636, 5615, 5369, 5709, 5459, 5611, 5288, 5529, 5527, 5453, 5544, 5664, 5666, 5251, 5307, 5451, 5635, 5581, 5376, 5409, 5510, 5515, 5406, 5503, 5482, 5504, 5285, 5472, 5311, 5452, 5355, 5641, 5343, 5670, 5287, 5434, 5352, 5276, 5562, 5703, 5302, 5399, 5388, 5556, 5457, 5306, 5414, 5652, 5662, 5315, 5505, 5266, 5464, 5364, 5695, 5454, 5261, 5533, 5512, 5626, 5426, 5543, 5539, 5525, 5341, 5254, 5425, 5571, 5430, 5293, 5253, 5377, 5572, 5605, 5580, 5258, 5281, 5392, 5718, 5548, 5268, 5327, 5328, 5537 (7 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:40:57 PM)
36	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5350, 5469, 5689, 5620, 5450, 5586, 5434, 5456, 5310, 5435, 5607, 5652, 5267, 5606, 5590, 5541, 5365, 5483, 5460, 5558, 5640, 5397, 5622, 5625, 5307, 5653, 5411, 5432, 5372, 5376, 5703, 5487, 5539, 5446, 5270, 5677, 5263, 5635, 5569, 5596, 5473, 5510, 5410, 5328, 5619, 5368, 5492, 5580, 5638, 5528, 5340, 5295, 5418, 5691, 5726, 5431, 5516, 5602, 5585, 5500, 5465, 5692, 5439, 5390, 5529, 5379, 5430, 5274, 5414, 5581, 5647, 5363, 5265, 5490, 5260, 5723, 5320, 5326, 5657, 5485, 5610, 5562, 5579, 5671, 5724, 5612, 5384, 5642, 5423, 5327, 5532, 5557, 5550, 5404, 5421, 5454, 5419, 5472, 5269, 5370 (4 hits) (04/08/2013 04:41:04 PM)
37	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5670, 5617, 5699, 5698, 5388, 5632, 5321, 5593, 5276, 5341, 5565, 5348, 5434, 5308, 5572, 5676, 5631, 5540, 5660, 5420, 5330, 5664, 5687, 5483, 5340, 5416, 5666, 5287, 5443, 5491, 5661, 5450, 5563, 5613, 5464, 5444, 5324, 5689, 5329, 5494, 5673, 5482, 5307, 5382, 5571, 5645, 5327, 5419, 5672, 5503, 5425, 5424, 5531, 5433, 5360, 5550, 5317, 5343, 5657, 5303, 5511, 5422, 5280, 5263, 5479, 5394, 5723, 5513, 5500, 5516, 5331, 5702, 5417, 5332, 5347, 5548, 5264, 5480, 5397, 5254, 5399, 5542, 5585, 5334, 5466, 5323, 5519, 5678, 5353, 5553, 5642, 5581, 5625, 5532, 5363, 5643, 5567, 5669, 5712, 5506 (5 hits) (04/08/2013 04:41:13 PM)
38	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5444, 5456, 5315, 5331, 5299, 5571, 5699, 5453, 5544, 5672, 5486, 5685, 5264, 5568, 5490, 5695, 5454, 5405, 5321, 5336, 5461, 5363, 5524, 5677, 5443, 5573, 5560, 5628, 5271, 5475, 5367, 5380, 5358, 5431, 5406, 5504, 5519, 5508, 5449, 5673, 5612, 5281, 5509, 5640, 5485, 5288, 5300, 5507,

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5542, 5534, 5547, 5496, 5479, 5592, 5266, 5605, 5696, 5663, 5623, 5634, 5704, 5289, 5641, 5629, 5493, 5607, 5548, 5577, 5725, 5395, 5709, 5357, 5608, 5690, 5483, 5436, 5619, 5689, 5498, 5497, 5335, 5635, 5346, 5327, 5470, 5313, 5721, 5617, 5646, 5293, 5550, 5693, 5712, 5642, 5477, 5518, 5556, 5426, 5648, 5546 (9 hits) (04/08/2013 04:41:23 PM)
39	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5287, 5386, 5434, 5429, 5575, 5654, 5482, 5396, 5546, 5322, 5494, 5709, 5698, 5306, 5305, 5621, 5354, 5280, 5395, 5332, 5496, 5547, 5635, 5328, 5566, 5277, 5341, 5363, 5719, 5620, 5385, 5503, 5468, 5651, 5451, 5643, 5325, 5611, 5421, 5418, 5515, 5633, 5477, 5362, 5661, 5351, 5374, 5313, 5275, 5266, 5442, 5359, 5534, 5365, 5487, 5562, 5563, 5533, 5722, 5389, 5463, 5270, 5699, 5561, 5701, 5674, 5686, 5646, 5532, 5452, 5255, 5676, 5267, 5310, 5538, 5600, 5584, 5586, 5528, 5367, 5687, 5390, 5300, 5405, 5438, 5520, 5286, 5483, 5675, 5548, 5681, 5549, 5700, 5713, 5283, 5539, 5568, 5706, 5714, 5456 (3 hits) (04/08/2013 04:41:30 PM)
40	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5360, 5434, 5394, 5324, 5661, 5549, 5508, 5646, 5279, 5535, 5389, 5488, 5565, 5718, 5531, 5512, 5501, 5334, 5510, 5336, 5560, 5460, 5506, 5309, 5689, 5473, 5271, 5430, 5564, 5690, 5367, 5446, 5293, 5424, 5597, 5450, 5566, 5584, 5676, 5595, 5380, 5408, 5396, 5368, 5659, 5426, 5682, 5504, 5258, 5361, 5404, 5454, 5483, 5712, 5484, 5625, 5698, 5724, 5329, 5310, 5327, 5557, 5618, 5481, 5419, 5316, 5262, 5302, 5578, 5443, 5397, 5295, 5496, 5660, 5526, 5398, 5572, 5685, 5542, 5259, 5670, 5532, 5495, 5706, 5589, 5297, 5636, 5695, 5648, 5538, 5653, 5725, 5489, 5523, 5563, 5318, 5326, 5581, 5576, 5611 (7 hits) (04/08/2013

Table 90 - FCC frequency hopping radar (Type 6) Results Dual Band 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						04:41:37 PM)
41	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5636, 5274, 5582, 5510, 5666, 5485, 5381, 5624, 5665, 5382, 5417, 5455, 5431, 5470, 5640, 5629, 5289, 5633, 5364, 5415, 5432, 5563, 5720, 5567, 5366, 5623, 5596, 5663, 5508, 5383, 5338, 5507, 5497, 5577, 5303, 5579, 5657, 5674, 5314, 5517, 5670, 5397, 5343, 5561, 5522, 5402, 5459, 5486, 5449, 5336, 5583, 5434, 5379, 5702, 5568, 5454, 5592, 5345, 5576, 5625, 5631, 5693, 5433, 5525, 5603, 5375, 5685, 5368, 5304, 5335, 5386, 5305, 5552, 5429, 5618, 5632, 5371, 5259, 5604, 5501, 5369, 5367, 5638, 5554, 5320, 5722, 5252, 5393, 5586, 5261, 5498, 5650, 5405, 5482, 5513, 5424, 5416, 5326, 5537, 5556 (6 hits) (04/08/2013 04:41:44 PM)
42	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5354, 5619, 5395, 5258, 5522, 5371, 5273, 5450, 5316, 5322, 5463, 5286, 5456, 5725, 5573, 5652, 5597, 5533, 5275, 5270, 5699, 5530, 5546, 5704, 5250, 5416, 5473, 5650, 5558, 5359, 5578, 5640, 5660, 5404, 5493, 5419, 5598, 5449, 5513, 5581, 5487, 5692, 5420, 5626, 5411, 5494, 5566, 5375, 5539, 5599, 5630, 5568, 5425, 5433, 5613, 5335, 5535, 5489, 5642, 5448, 5352, 5474, 5261, 5579, 5617, 5679, 5562, 5319, 5405, 5436, 5336, 5252, 5509, 5524, 5323, 5398, 5268, 5577, 5638, 5303, 5477, 5646, 5407, 5641, 5348, 5649, 5277, 5472, 5283, 5553, 5716, 5616, 5266, 5435, 5658, 5332, 5314, 5256, 5506, 5267 (4 hits) (04/08/2013 04:41:51 PM)

Table 91 - Long Sequence Waveform Summary Dual Band 20MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -63.0dBm
Trial #2	Detected	5495.0MHz, -63.0dBm
Trial #3	Detected	5505.0MHz, -63.0dBm
Trial #4	Detected	5500.0MHz, -63.0dBm
Trial #5	Detected	5495.0MHz, -63.0dBm

Table 91 - Long Sequence Waveform Summary Dual Band 20MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #6	Detected	5505.0MHz, -63.0dBm
Trial #7	Detected	5500.0MHz, -63.0dBm
Trial #8	Detected	5495.0MHz, -63.0dBm
Trial #9	Detected	5505.0MHz, -63.0dBm
Trial #10	Detected	5500.0MHz, -63.0dBm
Trial #11	Detected	5495.0MHz, -63.0dBm
Trial #12	Detected	5505.0MHz, -63.0dBm
Trial #13	Detected	5500.0MHz, -63.0dBm
Trial #14	Detected	5495.0MHz, -63.0dBm
Trial #15	Detected	5505.0MHz, -63.0dBm
Trial #16	Detected	5500.0MHz, -63.0dBm
Trial #17	Detected	5495.0MHz, -63.0dBm
Trial #18	Detected	5505.0MHz, -63.0dBm
Trial #19	Detected	5500.0MHz, -63.0dBm
Trial #20	Detected	5495.0MHz, -63.0dBm
Trial #21	Detected	5505.0MHz, -63.0dBm
Trial #22	Detected	5500.0MHz, -63.0dBm
Trial #23	Detected	5495.0MHz, -63.0dBm
Trial #24	Detected	5505.0MHz, -63.0dBm
Trial #25	Detected	5500.0MHz, -63.0dBm
Trial #26	Detected	5495.0MHz, -63.0dBm
Trial #27	Detected	5505.0MHz, -63.0dBm
Trial #28	Detected	5500.0MHz, -63.0dBm
Trial #29	Detected	5495.0MHz, -63.0dBm
Trial #30	Detected	5505.0MHz, -63.0dBm

Table 92 - Long Sequence Waveform Trial#1 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	99.9	14	1687.0	1334.0	0.015713
2	1	94.6	17	-	-	1.120768
3	1	64.0	13	-	-	2.648136
4	2	54.5	18	1377.0	-	3.057760
5	2	61.0	5	1488.0	-	4.548728
6	2	83.1	5	1296.0	-	4.845945
7	1	71.6	12	-	-	6.114181
8	2	94.2	7	1633.0	-	6.632352
9	2	80.1	20	1026.0	-	7.492391
10	2	77.7	15	1473.0	-	8.314524
11	3	58.9	8	1759.0	1169.0	9.649048
12	2	93.7	8	1373.0	-	10.447341
13	1	54.2	12	-	-	11.713535

Table 93 - Long Sequence Waveform Trial#2 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.6	16	1175.0	-	0.091515
2	1	66.5	11	-	-	1.278504
3	2	85.8	15	1199.0	-	1.626624
4	1	89.1	15	-	-	2.037440
5	2	82.0	8	1268.0	-	3.018318
6	2	85.2	5	1258.0	-	3.960435
7	2	84.4	8	1009.0	-	4.484763
8	2	70.0	20	1292.0	-	4.869357
9	2	78.1	15	1596.0	-	5.806355
10	1	54.1	6	-	-	6.524867
11	1	60.9	16	-	-	7.159509
12	2	79.0	11	1036.0	-	7.392324
13	2	98.0	12	1710.0	-	8.066626
14	3	94.6	7	1246.0	1238.0	8.695359
15	3	52.2	10	1831.0	1045.0	9.939289
16	2	54.5	7	1688.0	-	10.445232
17	1	67.0	19	-	-	10.717775
18	1	61.0	14	-	-	11.506931

Table 94 - Long Sequence Waveform Trial#3 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.7	12	-	-	0.512932
2	2	91.5	12	1266.0	-	2.070015
3	1	99.0	10	-	-	4.360677
4	1	62.0	16	-	-	5.212115
5	3	63.6	6	1799.0	1036.0	7.315980
6	1	97.0	10	-	-	7.694489
7	3	69.0	9	1281.0	1975.0	10.416963
8	2	87.7	16	1359.0	-	11.749214

Table 95 - Long Sequence Waveform Trial#4 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.5	5	1289.0	1067.0	0.297196
2	2	93.4	17	1560.0	-	0.674997
3	2	89.8	17	1363.0	-	1.513208
4	3	93.2	9	1808.0	1194.0	2.445748
5	2	65.0	18	1156.0	-	2.738619
6	3	66.4	20	1857.0	1208.0	3.355513
7	3	74.5	18	1800.0	1154.0	3.807626
8	1	88.5	14	-	-	4.598075
9	3	63.9	13	1834.0	1402.0	5.055602
10	2	50.7	7	1318.0	-	5.862973
11	1	74.5	17	-	-	6.619294
12	1	96.0	12	-	-	7.194053
13	2	61.0	18	1379.0	-	8.202835
14	2	55.7	20	1928.0	-	8.569383
15	2	58.7	9	1852.0	-	8.984804
16	2	53.8	17	1264.0	-	9.829988
17	3	51.1	17	1331.0	1518.0	10.127915
18	2	88.6	9	1629.0	-	10.966853
19	1	55.1	16	-	-	11.444960

Table 96 - Long Sequence Waveform Trial#5 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	80.8	17	1830.0	1666.0	0.549172
2	2	92.4	15	1691.0	-	1.596075
3	2	70.0	5	1953.0	-	2.145003
4	3	99.5	15	1192.0	1290.0	2.820668
5	2	92.9	19	1115.0	-	3.460599
6	1	88.9	18	-	-	4.457317
7	2	79.3	16	1466.0	-	5.073107
8	2	88.7	19	1901.0	-	6.290698
9	2	70.2	16	1079.0	-	6.906524
10	3	83.5	8	1926.0	1488.0	7.594761
11	2	89.6	18	1733.0	-	8.738386
12	3	80.8	9	1867.0	1944.0	9.510060
13	3	76.7	18	1592.0	1351.0	10.151936
14	1	86.4	15	-	-	11.190261
15	3	93.8	15	1144.0	1036.0	11.974492

Table 97 - Long Sequence Waveform Trial#6 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	75.7	14	1051.0	1951.0	0.297326
2	2	58.8	8	1598.0	-	1.029977
3	2	78.1	11	1311.0	-	1.274708
4	2	66.0	8	1545.0	-	2.327194
5	3	66.7	12	1695.0	1654.0	2.964001
6	1	88.1	13	-	-	3.420664
7	2	65.5	10	1280.0	-	4.278773
8	3	58.3	12	1173.0	1284.0	4.618718
9	3	88.2	15	1003.0	1055.0	5.423386
10	1	56.8	18	-	-	6.048224
11	2	82.7	20	1900.0	-	6.431069
12	2	74.1	7	1439.0	-	7.485721
13	3	81.3	11	1927.0	1456.0	8.100463
14	2	71.6	9	1647.0	-	8.425405
15	1	76.2	15	-	-	9.462304
16	2	58.3	14	1698.0	-	9.898220
17	2	74.2	10	1805.0	-	10.681511
18	1	86.6	8	-	-	11.086642
19	3	56.0	12	1032.0	1728.0	11.552159

Table 98 - Long Sequence Waveform Trial#7 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.1	19	1584.0	-	0.549644
2	3	80.6	9	1549.0	1611.0	0.876718
3	3	71.5	5	1332.0	1967.0	1.534123
4	2	62.5	6	1203.0	-	2.247688
5	3	58.5	20	1969.0	1566.0	2.514637
6	2	66.3	20	1237.0	-	3.565814
7	3	93.5	17	1849.0	1182.0	3.608464
8	2	85.1	19	1328.0	-	4.522887
9	1	74.7	19	-	-	4.815048
10	1	87.6	17	-	-	5.688854
11	2	87.3	15	1660.0	-	6.256977
12	2	67.0	16	1382.0	-	7.196506
13	3	64.8	17	1708.0	1929.0	7.269718
14	1	75.1	12	-	-	8.233955
15	3	99.8	18	1034.0	1172.0	8.594368
16	3	94.5	11	1423.0	1330.0	9.166025
17	3	54.6	16	1393.0	1368.0	9.983473
18	2	87.6	11	1633.0	-	10.676201
19	2	70.8	10	1108.0	-	10.816452
20	1	55.7	13	-	-	11.665392

Table 99 - Long Sequence Waveform Trial#8 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.4	20	1422.0	-	0.005542
2	2	59.2	6	1153.0	-	1.658104
3	3	71.0	6	1790.0	1885.0	2.140266
4	3	72.8	15	1768.0	1653.0	3.306583
5	2	68.3	18	1115.0	-	4.517329
6	3	83.3	13	1351.0	1521.0	4.715228
7	1	73.6	14	-	-	5.945683
8	2	90.6	18	1650.0	-	7.252436
9	2	67.0	6	1031.0	-	7.713246
10	1	76.0	5	-	-	8.848528
11	2	97.0	12	1011.0	-	9.468667
12	3	76.7	18	1371.0	1324.0	10.649271
13	3	88.4	8	1664.0	1727.0	11.878352

Table 100 - Long Sequence Waveform Trial#9 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	64.2	8	1225.0	1112.0	0.553039
2	1	83.5	18	-	-	1.139553
3	2	82.8	14	1321.0	-	2.322520
4	2	70.9	20	1823.0	-	3.698687
5	2	82.0	16	1340.0	-	4.797638
6	3	96.6	5	1592.0	1868.0	5.935773
7	2	86.1	12	1202.0	-	6.711967
8	3	95.2	16	1558.0	1325.0	8.611933
9	3	83.8	5	1291.0	1769.0	9.451587
10	2	53.2	11	1568.0	-	9.826489
11	2	68.6	12	1136.0	-	11.837525

Table 101 - Long Sequence Waveform Trial#10 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	94.1	14	1078.0	1629.0	0.123764
2	1	56.4	6	-	-	1.083728
3	2	91.0	8	1304.0	-	2.974679
4	3	91.9	6	1494.0	1983.0	3.513911
5	1	80.7	9	-	-	4.892839
6	2	81.5	11	1160.0	-	5.672362
7	1	86.5	12	-	-	6.541460
8	2	77.0	9	1832.0	-	7.078636
9	2	57.0	19	1405.0	-	8.221151
10	2	62.5	7	1483.0	-	9.068642
11	2	99.0	11	1180.0	-	10.899803
12	1	93.1	10	-	-	11.533829

Table 102 - Long Sequence Waveform Trial#11 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.3	20	1074.0	-	0.117547
2	2	80.2	11	1742.0	-	1.866360
3	2	67.6	17	1000.0	-	2.329698
4	2	52.6	17	1751.0	-	3.539524
5	2	68.3	19	1304.0	-	5.337176
6	3	93.5	7	1400.0	1108.0	5.923205
7	1	96.7	6	-	-	7.418758
8	2	86.5	8	1127.0	-	8.201378
9	2	92.4	6	1316.0	-	9.015065
10	2	50.6	6	1858.0	-	10.809238
11	2	73.8	11	1308.0	-	11.016455

Table 103 - Long Sequence Waveform Trial#12 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.1	8	1660.0	-	0.971111
2	2	76.1	13	1361.0	-	1.022477
3	2	92.5	18	1968.0	-	2.662407
4	1	79.6	19	-	-	3.280753
5	3	78.2	16	1968.0	1762.0	4.554712
6	2	56.3	7	1722.0	-	5.831725
7	2	57.8	20	1849.0	-	6.116672
8	1	83.2	15	-	-	7.320040
9	3	72.8	13	1705.0	1839.0	8.902123
10	3	90.8	8	1837.0	1065.0	9.038932
11	3	63.4	18	1865.0	1030.0	10.505202
12	2	89.4	9	1871.0	-	11.351166

Table 104 - Long Sequence Waveform Trial#13 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.8	11	1846.0	-	0.792737
2	2	97.1	13	1042.0	-	1.048636
3	3	50.1	14	1038.0	1126.0	2.153666
4	2	54.4	17	1253.0	-	3.107762
5	2	77.1	10	1457.0	-	3.219794
6	3	62.7	18	1755.0	1206.0	4.065047
7	2	87.3	7	1148.0	-	5.133876
8	2	71.8	19	1910.0	-	6.296637
9	3	72.4	8	1499.0	1060.0	7.025991
10	2	97.9	10	1652.0	-	7.838779
11	2	87.8	13	1444.0	-	8.474548
12	2	96.7	9	1324.0	-	9.190740
13	2	68.7	7	1765.0	-	10.303485
14	3	56.2	16	1930.0	1893.0	10.797126
15	3	90.4	9	1753.0	1864.0	11.901766

Table 105 - Long Sequence Waveform Trial#14 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	64.8	10	1876.0	1725.0	0.846158
2	3	84.7	9	1382.0	1151.0	1.269604
3	2	54.3	5	1471.0	-	2.046581
4	3	52.9	10	1425.0	1393.0	3.308065
5	1	72.9	5	-	-	4.484172
6	2	96.1	15	1195.0	-	4.886824
7	2	99.5	17	1483.0	-	6.230557
8	2	64.6	9	1163.0	-	6.759191
9	2	87.4	16	1872.0	-	7.984186
10	2	51.3	12	1223.0	-	8.763818
11	2	97.1	10	1449.0	-	9.337170
12	2	71.1	15	1349.0	-	10.608667
13	3	82.8	15	1437.0	1957.0	11.738155

Table 106 - Long Sequence Waveform Trial#15 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.5	15	-	-	0.927625
2	2	92.7	10	1138.0	-	1.788285
3	2	90.9	17	1407.0	-	2.627344
4	3	79.6	10	1051.0	1899.0	4.763516
5	3	51.5	14	1798.0	1904.0	5.504660
6	1	51.5	5	-	-	6.078511
7	3	54.2	17	1157.0	1550.0	8.233763
8	2	77.1	17	1035.0	-	9.126559
9	1	83.1	6	-	-	10.296052
10	3	82.2	11	1747.0	1818.0	11.312407

Table 107 - Long Sequence Waveform Trial#16 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	80.9	16	1216.0	1961.0	0.311401
2	2	85.1	17	1581.0	-	0.782335
3	1	85.9	13	-	-	1.627926
4	2	99.8	6	1483.0	-	2.978976
5	3	64.0	17	1181.0	1098.0	3.117157
6	2	72.3	10	1061.0	-	3.805298
7	3	75.4	9	1540.0	1682.0	5.022836
8	3	84.3	13	1771.0	1843.0	5.554188
9	1	83.5	12	-	-	6.282192
10	1	71.6	9	-	-	7.296895
11	2	97.3	8	1941.0	-	8.139098
12	3	86.0	8	1940.0	1694.0	8.844389
13	1	72.7	20	-	-	9.041482
14	2	86.2	16	1362.0	-	10.405221
15	3	68.2	11	1572.0	1627.0	10.944227
16	2	63.3	16	1110.0	-	11.422469

Table 108 - Long Sequence Waveform Trial#17 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.4	19	1511.0	-	0.272761
2	3	74.1	19	1124.0	1676.0	1.871515
3	1	57.6	10	-	-	2.269869
4	2	68.1	14	1146.0	-	3.955909
5	1	71.3	10	-	-	4.981737
6	1	96.9	17	-	-	5.577227
7	2	63.4	11	1990.0	-	6.247110
8	1	81.7	15	-	-	7.610119
9	2	69.4	8	1707.0	-	8.899401
10	2	61.0	5	1054.0	-	9.822306
11	1	99.5	11	-	-	10.016670
12	2	90.3	16	1647.0	-	11.730350

Table 109 - Long Sequence Waveform Trial#18 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.8	8	1594.0	-	1.032290
2	1	75.0	16	-	-	1.133048
3	3	90.1	9	1283.0	1312.0	2.647865
4	2	78.9	12	1791.0	-	3.862305
5	2	73.2	11	1744.0	-	4.494690
6	1	86.2	15	-	-	6.172624
7	2	75.1	17	1372.0	-	7.274714
8	2	98.3	9	1457.0	-	8.479981
9	3	94.1	13	1638.0	1683.0	9.425580
10	2	94.1	14	1425.0	-	10.802409
11	2	59.3	20	1230.0	-	11.699166

Table 110 - Long Sequence Waveform Trial#19 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	69.5	13	-	-	0.011105
2	3	84.9	17	1633.0	1630.0	1.594230
3	1	87.5	19	-	-	1.954874
4	3	75.8	7	1253.0	1734.0	2.767738
5	1	58.5	10	-	-	4.209363
6	1	60.4	13	-	-	4.852950
7	2	78.3	19	1416.0	-	5.448782
8	3	83.5	6	1684.0	1728.0	6.547045
9	1	91.0	20	-	-	6.999717
10	1	88.2	6	-	-	8.145498
11	2	52.1	12	1222.0	-	8.947517
12	3	80.6	7	1280.0	1561.0	9.472801
13	3	85.8	17	1294.0	1692.0	10.924896
14	3	80.8	9	1565.0	1498.0	11.346127

Table 111 - Long Sequence Waveform Trial#20 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.2	7	1723.0	-	0.583908
2	2	82.9	10	1706.0	-	1.240703
3	1	83.0	19	-	-	1.462169
4	1	82.3	12	-	-	2.425595
5	1	59.2	19	-	-	2.690906
6	2	68.1	8	1812.0	-	3.747716
7	3	99.7	14	1985.0	1215.0	4.222281
8	2	70.2	7	1374.0	-	4.857056
9	2	81.3	8	1827.0	-	5.189516
10	1	95.3	12	-	-	5.979283
11	1	97.2	8	-	-	6.364290
12	2	81.4	12	1953.0	-	7.393932
13	2	69.4	7	1366.0	-	8.046753
14	2	76.5	14	1698.0	-	8.465176
15	2	94.8	20	1206.0	-	9.088546
16	3	52.3	7	1535.0	1923.0	9.802092
17	2	84.9	12	1868.0	-	10.714536
18	3	84.4	14	1090.0	1401.0	11.031982
19	2	82.7	6	1826.0	-	11.625747

Table 112 - Long Sequence Waveform Trial#21 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	90.8	13	-	-	0.400165
2	2	86.3	12	1338.0	-	1.755884
3	2	100.0	19	1059.0	-	2.425864
4	3	63.0	16	1958.0	1451.0	3.037998
5	1	55.6	9	-	-	3.871371
6	2	91.1	14	1058.0	-	5.533198
7	1	74.0	16	-	-	6.215594
8	2	50.8	7	1742.0	-	6.850869
9	1	64.6	12	-	-	7.962526
10	2	54.6	17	1075.0	-	8.812473
11	2	87.2	18	1093.0	-	9.312673
12	1	96.9	9	-	-	10.582039
13	2	96.3	6	1843.0	-	11.255591

Table 113 - Long Sequence Waveform Trial#22 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.6	12	1924.0	-	0.836655
2	2	88.1	8	1251.0	-	1.139847
3	2	64.6	14	1409.0	-	2.157952
4	2	83.6	19	1180.0	-	3.822662
5	2	95.4	18	1589.0	-	4.183383
6	1	88.3	8	-	-	5.922538
7	2	66.0	10	1427.0	-	6.630946
8	2	77.7	11	1344.0	-	7.352563
9	2	80.5	7	1894.0	-	8.779385
10	2	77.2	11	1484.0	-	9.339874
11	2	81.1	11	1744.0	-	10.259563
12	2	51.8	12	1943.0	-	11.882136

Table 114 - Long Sequence Waveform Trial#23 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	54.3	7	1524.0	1213.0	0.046307
2	3	66.3	13	1817.0	1307.0	0.693493
3	1	92.3	13	-	-	1.844184
4	2	68.8	8	1940.0	-	2.150350
5	1	63.0	15	-	-	3.147004
6	3	61.5	6	1271.0	1768.0	3.923395
7	1	73.0	11	-	-	4.099191
8	1	63.9	14	-	-	5.279378
9	2	60.2	7	1971.0	-	5.354368
10	1	83.7	15	-	-	6.554883
11	3	80.5	20	1629.0	1177.0	7.066809
12	2	87.3	16	1712.0	-	7.635272
13	3	74.5	14	1701.0	1178.0	8.605257
14	1	96.5	13	-	-	8.822867
15	2	88.9	17	1475.0	-	9.467933
16	3	80.5	20	1436.0	1481.0	10.163948
17	1	95.0	10	-	-	10.816312
18	2	72.9	6	1380.0	-	11.894204

Table 115 - Long Sequence Waveform Trial#24 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	52.9	6	-	-	0.122067
2	3	65.7	7	1719.0	1174.0	1.378867
3	2	73.6	5	1352.0	-	2.511047
4	3	91.0	15	1458.0	1309.0	4.081775
5	3	84.7	7	1019.0	1191.0	5.328210
6	2	93.8	9	1575.0	-	6.304301
7	2	73.3	19	1176.0	-	7.307263
8	2	65.7	9	1241.0	-	9.399873
9	1	90.9	16	-	-	10.170401
10	1	62.9	9	-	-	11.597680

Table 116 - Long Sequence Waveform Trial#25 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	74.4	14	-	-	0.704713
2	1	75.6	16	-	-	0.960834
3	2	75.9	10	1335.0	-	1.665264
4	2	83.6	11	1749.0	-	2.896107
5	2	77.6	19	1978.0	-	3.679160
6	2	74.4	11	1304.0	-	3.902630
7	1	88.9	19	-	-	4.902792
8	2	93.0	5	1209.0	-	5.569086
9	3	82.5	7	1534.0	1748.0	6.450046
10	2	56.2	12	1695.0	-	7.283809
11	3	54.1	16	1557.0	1716.0	7.721392
12	3	52.5	7	1783.0	1857.0	8.461034
13	2	66.9	13	1776.0	-	9.590620
14	2	58.3	5	1473.0	-	9.787112
15	2	87.1	19	1160.0	-	10.805985
16	2	88.5	12	1803.0	-	11.869278

Table 117 - Long Sequence Waveform Trial#26 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.9	15	1132.0	-	0.614061
2	2	88.5	9	1669.0	-	1.091571
3	1	99.2	8	-	-	2.835083
4	2	93.0	19	1883.0	-	3.663644
5	2	100.0	11	1732.0	-	4.479463
6	2	50.1	15	1081.0	-	5.278974
7	1	70.2	15	-	-	6.345712
8	2	58.9	15	1558.0	-	7.488485
9	2	99.3	6	1163.0	-	8.441986
10	3	61.5	15	1629.0	1438.0	9.384668
11	2	57.2	18	1670.0	-	10.599798
12	2	80.7	16	1970.0	-	11.300444

Table 118 - Long Sequence Waveform Trial#27 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	86.1	6	-	-	0.904849
2	3	98.1	13	1492.0	1509.0	2.181552
3	2	80.9	18	1113.0	-	3.658642
4	3	55.3	10	1719.0	1996.0	4.983365
5	1	70.7	17	-	-	7.165857
6	2	51.0	8	1529.0	-	8.272260
7	1	96.5	15	-	-	9.027655
8	2	87.7	10	1076.0	-	10.944430

Table 119 - Long Sequence Waveform Trial#28 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	61.1	10	1328.0	1024.0	0.707147
2	3	65.9	18	1896.0	1928.0	1.713893
3	2	89.7	15	1653.0	-	4.176226
4	1	95.3	14	-	-	5.204925
5	2	59.5	6	1524.0	-	7.359520
6	1	94.4	17	-	-	8.824576
7	2	61.3	19	1361.0	-	9.578759
8	2	54.6	18	1432.0	-	11.218082

Table 120 - Long Sequence Waveform Trial#29 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.0	14	1844.0	-	0.550831
2	3	80.4	6	1486.0	1644.0	0.693156
3	2	58.3	7	1082.0	-	1.731099
4	2	59.0	14	1557.0	-	2.287817
5	3	51.2	7	1709.0	1594.0	2.955325
6	2	66.7	16	1396.0	-	3.433759
7	2	69.0	12	1243.0	-	4.209486
8	2	67.7	5	1156.0	-	5.230645
9	2	54.7	15	1774.0	-	5.718355
10	2	91.9	11	1842.0	-	6.270237
11	3	56.2	16	1217.0	1988.0	6.832819
12	3	76.4	10	1498.0	1370.0	7.738208
13	3	73.4	7	1816.0	1349.0	8.515820
14	1	87.2	17	-	-	8.964417
15	1	59.4	8	-	-	9.775356
16	2	91.1	11	1003.0	-	10.443352
17	3	72.8	9	1828.0	1576.0	10.916620
18	2	76.6	20	1292.0	-	11.645957

Table 121 - Long Sequence Waveform Trial#30 (Detected) Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	70.2	19	-	-	0.427987
2	1	95.8	16	-	-	1.143541
3	2	78.4	17	1895.0	-	2.031174
4	2	98.1	11	1717.0	-	3.326266
5	1	73.4	6	-	-	4.560398
6	2	61.4	15	1714.0	-	5.511949
7	2	68.7	8	1788.0	-	5.719304
8	2	100.0	12	1722.0	-	6.954678
9	3	58.5	9	1875.0	1308.0	7.900232
10	1	87.8	11	-	-	9.055683
11	1	89.2	6	-	-	9.388151
12	3	69.7	14	1372.0	1742.0	10.394730
13	2	77.9	13	1194.0	-	11.303932

Table 122 - FCC Short Pulse Radar (Type 1) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	No	5510.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 123 - FCC Short Pulse Radar (Type 2) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	25	1.9	210.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	26	4.3	155.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	28	2.6	185.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	25	3.4	195.0	No	5520.0MHz, -63.0dBm	Single burst
5	26	3.0	167.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	24	3.1	178.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	25	1.6	170.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	28	1.3	224.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	26	3.0	213.0	Yes	5520.0MHz, -63.0dBm	Single burst
10	28	4.7	226.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	28	1.1	180.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	29	3.9	223.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	27	2.6	187.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	24	2.1	203.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	25	3.3	175.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	27	1.0	163.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	29	3.6	200.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	27	4.5	203.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	29	2.9	222.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	28	4.5	197.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	26	1.6	223.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	25	2.7	194.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	25	3.5	181.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	27	2.9	189.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	23	2.5	215.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	29	2.2	218.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	25	1.4	180.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	25	4.9	182.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	27	1.8	222.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	29	1.4	220.0	No	5515.0MHz, -63.0dBm	Single burst

Table 124 - FCC Short Pulse Radar (Type 3) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	8.8	216.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	17	9.7	237.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	16	6.8	227.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	18	7.4	370.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	18	9.4	384.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	17	8.5	482.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	16	9.0	424.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	16	9.4	478.0	No	5510.0MHz, -63.0dBm	Single burst
9	17	8.6	395.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	17	8.9	310.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	16	9.4	328.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	17	8.5	332.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	16	6.8	441.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	17	9.6	355.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	18	8.1	319.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	17	8.4	289.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	17	6.5	264.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	17	9.1	372.0	Yes	5495.0MHz, -63.0dBm	Single burst
19	18	7.7	421.0	Yes	5525.0MHz, -63.0dBm	Single burst
20	18	6.6	202.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	16	9.4	278.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	16	9.1	484.0	No	5510.0MHz, -63.0dBm	Single burst
23	18	9.7	335.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	16	7.1	357.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	16	8.3	274.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	18	9.5	360.0	Yes	5525.0MHz, -63.0dBm	Single burst
27	17	7.8	375.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	17	6.8	364.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	17	8.3	402.0	No	5510.0MHz, -63.0dBm	Single burst
30	18	7.0	360.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 125 - FCC Short Pulse Radar (Type 4) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	11.6	428.0	No	5510.0MHz, -63.0dBm	Single burst
2	13	18.7	281.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	15	13.5	307.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	13	16.4	358.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	12	15.7	211.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	15	16.5	400.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	13	11.1	455.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	16	13.2	229.0	No	5510.0MHz, -63.0dBm	Single burst
9	12	13.4	424.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	13	16.4	321.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	14	19.8	380.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	14	14.1	490.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	14	14.3	216.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	15	12.6	488.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	13	14.8	392.0	No	5510.0MHz, -63.0dBm	Single burst
16	13	12.9	317.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	15	11.8	315.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	12	19.9	387.0	Yes	5495.0MHz, -63.0dBm	Single burst
19	14	17.2	297.0	Yes	5525.0MHz, -63.0dBm	Single burst
20	15	12.0	485.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	13	11.8	293.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	14	19.2	444.0	No	5510.0MHz, -63.0dBm	Single burst
23	14	11.3	210.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	15	18.3	326.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	15	11.2	470.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	13	15.1	207.0	Yes	5525.0MHz, -63.0dBm	Single burst
27	15	11.9	326.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	13	15.1	243.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	15	18.8	314.0	No	5510.0MHz, -63.0dBm	Single burst
30	14	15.8	325.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5529.0MHz, -63.0dBm	Hop sequence: 5434, 5266, 5437, 5678, 5384, 5698, 5521, 5607, 5622, 5485, 5371, 5673, 5561, 5597, 5277, 5449, 5326, 5443, 5591, 5327, 5343, 5382, 5720, 5400, 5690, 5659, 5487, 5470, 5602, 5527, 5468, 5453, 5580, 5388, 5273, 5535, 5462, 5635, 5631, 5318, 5391, 5398, 5717, 5536, 5291, 5621, 5511, 5569, 5334, 5682, 5508, 5590, 5540, 5406, 5577, 5459, 5710, 5395, 5636, 5684, 5472, 5467, 5262, 5399, 5256, 5265, 5519, 5689, 5557, 5282, 5686, 5627, 5393, 5430, 5492, 5385, 5702, 5330, 5638, 5721, 5323, 5677, 5311, 5489, 5601, 5279, 5499, 5586, 5441, 5640, 5413, 5480, 5625, 5261, 5518, 5482, 5269, 5495, 5579, 5539 (9 hits) (04/08/2013 01:32:22 PM)
2	9	1.0	333.0	Yes	5530.0MHz, -63.0dBm	Hop sequence: 5563, 5696, 5580, 5284, 5593, 5561, 5717, 5707, 5397, 5632, 5255, 5279, 5395, 5430, 5441, 5703, 5554, 5642, 5663, 5324, 5442, 5725, 5280, 5646, 5321, 5372, 5477, 5475, 5304, 5371, 5584, 5508, 5429, 5393, 5261, 5599, 5643, 5709, 5651, 5520, 5454, 5346, 5570, 5424, 5468, 5259, 5504, 5273, 5575, 5482, 5596, 5679, 5455, 5406, 5525, 5693, 5302, 5275, 5665, 5666, 5319, 5702, 5277, 5529, 5502, 5334, 5479, 5376, 5471, 5348, 5296, 5587, 5359, 5552, 5713, 5719, 5416, 5708, 5330, 5718, 5402, 5509, 5283, 5388, 5297, 5726, 5365, 5490, 5300, 5505, 5628, 5630, 5653, 5333, 5498, 5373, 5267, 5626, 5357, 5428 (10 hits) (04/08/2013 01:32:37 PM)
3	9	1.0	333.0	Yes	5490.0MHz, -63.0dBm	Hop sequence: 5623, 5655, 5398, 5622, 5421, 5301, 5509, 5457, 5292, 5532, 5712, 5547, 5438, 5620, 5420, 5256, 5284, 5348, 5405, 5277, 5448, 5612, 5368, 5593, 5703, 5475, 5278, 5365, 5694, 5684, 5528, 5333, 5589, 5626, 5540, 5573, 5586, 5282, 5402, 5717, 5299, 5407, 5521, 5516, 5419, 5451, 5678, 5255,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5360, 5562, 5297, 5501, 5260, 5426, 5450, 5492, 5495, 5383, 5722, 5539, 5611, 5661, 5459, 5677, 5536, 5514, 5471, 5309, 5689, 5253, 5510, 5338, 5525, 5640, 5388, 5638, 5533, 5369, 5643, 5641, 5577, 5267, 5667, 5363, 5482, 5548, 5576, 5276, 5259, 5657, 5653, 5635, 5518, 5646, 5469, 5534, 5566, 5322, 5305, 5663 (11 hits) (04/08/2013 01:33:03 PM)
4	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5386, 5664, 5618, 5523, 5377, 5536, 5405, 5315, 5561, 5388, 5399, 5532, 5506, 5401, 5300, 5449, 5514, 5484, 5368, 5543, 5588, 5444, 5645, 5443, 5678, 5591, 5626, 5378, 5271, 5557, 5627, 5404, 5313, 5417, 5376, 5569, 5699, 5549, 5556, 5357, 5477, 5383, 5414, 5580, 5338, 5604, 5479, 5551, 5715, 5718, 5577, 5273, 5605, 5720, 5266, 5548, 5525, 5701, 5262, 5312, 5643, 5606, 5416, 5419, 5611, 5630, 5668, 5694, 5422, 5511, 5713, 5331, 5318, 5305, 5493, 5642, 5294, 5488, 5426, 5261, 5281, 5344, 5637, 5526, 5636, 5478, 5537, 5446, 5359, 5639, 5657, 5615, 5364, 5392, 5706, 5572, 5594, 5326, 5311, 5647 (7 hits) (04/08/2013 01:33:13 PM)
5	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5539, 5519, 5253, 5444, 5476, 5353, 5487, 5269, 5326, 5725, 5681, 5682, 5560, 5310, 5379, 5712, 5532, 5650, 5626, 5575, 5719, 5255, 5270, 5542, 5375, 5319, 5520, 5449, 5724, 5554, 5426, 5477, 5267, 5597, 5457, 5338, 5339, 5585, 5383, 5418, 5354, 5515, 5433, 5684, 5527, 5587, 5461, 5705, 5607, 5385, 5409, 5303, 5576, 5362, 5316, 5447, 5357, 5661, 5503, 5352, 5315, 5481, 5618, 5489, 5475, 5512, 5696, 5367, 5337, 5478, 5340, 5413, 5321, 5686, 5506, 5715, 5421, 5647, 5417, 5412, 5398, 5583, 5442, 5320, 5643, 5393, 5588, 5648, 5264, 5596, 5627, 5431, 5695, 5641, 5263, 5482, 5396, 5570, 5329, 5452 (7 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:33:21 PM)
6	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5334, 5321, 5615, 5447, 5597, 5340, 5680, 5551, 5310, 5305, 5658, 5318, 5287, 5690, 5351, 5626, 5436, 5710, 5649, 5466, 5439, 5272, 5700, 5685, 5528, 5349, 5646, 5679, 5669, 5699, 5402, 5569, 5532, 5457, 5524, 5563, 5707, 5345, 5515, 5319, 5473, 5628, 5631, 5474, 5504, 5401, 5302, 5428, 5674, 5481, 5252, 5656, 5607, 5513, 5500, 5374, 5496, 5346, 5499, 5520, 5461, 5397, 5721, 5530, 5269, 5451, 5600, 5493, 5331, 5335, 5367, 5636, 5366, 5653, 5296, 5682, 5540, 5723, 5632, 5403, 5304, 5446, 5330, 5273, 5288, 5276, 5259, 5663, 5548, 5475, 5251, 5526, 5301, 5303, 5577, 5291, 5529, 5412, 5278, 5605 (13 hits) (04/08/2013 01:33:32 PM)
7	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5311, 5636, 5697, 5640, 5521, 5514, 5499, 5617, 5477, 5518, 5719, 5705, 5526, 5595, 5336, 5672, 5397, 5372, 5285, 5452, 5305, 5660, 5517, 5714, 5377, 5318, 5484, 5690, 5639, 5269, 5426, 5512, 5704, 5608, 5668, 5573, 5360, 5614, 5570, 5497, 5695, 5531, 5454, 5353, 5349, 5392, 5390, 5323, 5436, 5506, 5333, 5319, 5287, 5670, 5631, 5663, 5416, 5466, 5409, 5265, 5272, 5301, 5558, 5612, 5488, 5345, 5394, 5460, 5632, 5567, 5629, 5357, 5331, 5434, 5634, 5707, 5576, 5400, 5294, 5369, 5275, 5613, 5469, 5644, 5379, 5577, 5483, 5446, 5386, 5342, 5364, 5698, 5346, 5638, 5306, 5522, 5413, 5711, 5619, 5403 (10 hits) (04/08/2013 01:33:42 PM)
8	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5555, 5328, 5439, 5400, 5369, 5544, 5323, 5339, 5471, 5706, 5519, 5467, 5294, 5719, 5378, 5690, 5274, 5618, 5443, 5308, 5468, 5723, 5561, 5721, 5577, 5717, 5621, 5277, 5258, 5478, 5458, 5501, 5535, 5725, 5562, 5656, 5449, 5701, 5365, 5698, 5612, 5587, 5297, 5464, 5583, 5604, 5675, 5404,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5422, 5295, 5427, 5472, 5383, 5699, 5414, 5451, 5299, 5261, 5682, 5580, 5372, 5267, 5554, 5488, 5598, 5581, 5473, 5638, 5615, 5423, 5663, 5491, 5605, 5371, 5319, 5565, 5453, 5411, 5530, 5358, 5506, 5655, 5486, 5266, 5515, 5465, 5447, 5536, 5401, 5703, 5463, 5492, 5315, 5344, 5480, 5434, 5654, 5394, 5287, 5665 (7 hits) (04/08/2013 01:34:03 PM)
9	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5662, 5537, 5684, 5504, 5678, 5601, 5675, 5411, 5317, 5264, 5262, 5432, 5393, 5277, 5580, 5270, 5481, 5258, 5494, 5268, 5328, 5484, 5379, 5701, 5687, 5470, 5648, 5503, 5712, 5410, 5590, 5319, 5364, 5326, 5582, 5722, 5324, 5624, 5349, 5549, 5645, 5486, 5563, 5614, 5636, 5254, 5693, 5500, 5357, 5423, 5396, 5306, 5367, 5269, 5487, 5406, 5284, 5497, 5384, 5673, 5640, 5340, 5425, 5649, 5608, 5413, 5476, 5408, 5714, 5363, 5433, 5642, 5525, 5541, 5653, 5435, 5458, 5611, 5667, 5550, 5597, 5365, 5556, 5567, 5444, 5666, 5443, 5622, 5305, 5479, 5337, 5274, 5351, 5579, 5627, 5417, 5291, 5576, 5586, 5633 (6 hits) (04/08/2013 01:34:10 PM)
10	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5293, 5572, 5647, 5561, 5463, 5374, 5280, 5370, 5671, 5428, 5507, 5540, 5542, 5546, 5560, 5436, 5324, 5377, 5450, 5373, 5631, 5388, 5334, 5269, 5500, 5356, 5346, 5490, 5624, 5620, 5525, 5403, 5416, 5653, 5648, 5387, 5599, 5563, 5352, 5318, 5589, 5606, 5699, 5327, 5444, 5402, 5294, 5518, 5487, 5573, 5725, 5517, 5473, 5547, 5617, 5662, 5511, 5707, 5279, 5612, 5271, 5722, 5493, 5316, 5348, 5621, 5307, 5665, 5690, 5451, 5601, 5692, 5688, 5255, 5471, 5299, 5363, 5557, 5565, 5694, 5610, 5340, 5721, 5698, 5350, 5364, 5469, 5484, 5611, 5478, 5320, 5431, 5371, 5432, 5477, 5462, 5675, 5347, 5720, 5640 (8 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:34:18 PM)
11	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5358, 5380, 5695, 5613, 5680, 5526, 5403, 5398, 5629, 5628, 5302, 5649, 5669, 5462, 5499, 5393, 5479, 5611, 5374, 5586, 5529, 5607, 5692, 5655, 5699, 5501, 5509, 5723, 5250, 5476, 5615, 5639, 5667, 5690, 5435, 5254, 5454, 5704, 5549, 5647, 5417, 5551, 5338, 5684, 5346, 5653, 5381, 5709, 5630, 5450, 5255, 5528, 5281, 5583, 5258, 5718, 5497, 5651, 5565, 5397, 5431, 5293, 5512, 5309, 5670, 5640, 5306, 5597, 5448, 5620, 5413, 5661, 5589, 5268, 5286, 5461, 5303, 5568, 5534, 5406, 5475, 5284, 5495, 5540, 5513, 5287, 5564, 5635, 5657, 5674, 5523, 5701, 5686, 5436, 5266, 5609, 5400, 5536, 5527, 5426 (12 hits) (04/08/2013 01:34:37 PM)
12	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5429, 5716, 5515, 5450, 5718, 5685, 5341, 5684, 5471, 5314, 5721, 5463, 5626, 5481, 5719, 5726, 5673, 5628, 5688, 5416, 5399, 5594, 5422, 5329, 5687, 5674, 5409, 5609, 5629, 5587, 5454, 5643, 5275, 5620, 5393, 5585, 5655, 5430, 5488, 5427, 5622, 5458, 5646, 5560, 5420, 5517, 5323, 5603, 5670, 5376, 5346, 5474, 5553, 5398, 5444, 5263, 5533, 5607, 5464, 5689, 5428, 5647, 5347, 5441, 5397, 5426, 5332, 5442, 5254, 5445, 5664, 5404, 5258, 5715, 5675, 5532, 5666, 5362, 5617, 5310, 5598, 5432, 5489, 5570, 5479, 5596, 5550, 5595, 5569, 5551, 5509, 5547, 5590, 5336, 5433, 5287, 5288, 5342, 5465, 5555 (3 hits) (04/08/2013 01:34:45 PM)
13	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5255, 5317, 5306, 5387, 5473, 5568, 5420, 5659, 5614, 5702, 5641, 5350, 5581, 5703, 5557, 5574, 5502, 5458, 5549, 5257, 5301, 5497, 5589, 5368, 5295, 5459, 5447, 5429, 5508, 5456, 5366, 5408, 5356, 5604, 5445, 5272, 5284, 5651, 5554, 5382, 5410, 5371, 5369, 5567, 5281, 5359, 5470, 5690,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5335, 5599, 5616, 5475, 5467, 5296, 5422, 5451, 5440, 5551, 5584, 5709, 5573, 5558, 5389, 5547, 5530, 5252, 5486, 5701, 5413, 5598, 5253, 5268, 5373, 5436, 5693, 5684, 5452, 5642, 5681, 5375, 5287, 5647, 5532, 5396, 5398, 5433, 5464, 5617, 5636, 5717, 5633, 5332, 5260, 5546, 5519, 5711, 5653, 5329, 5311, 5725 (5 hits) (04/08/2013 01:34:59 PM)
14	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5682, 5692, 5611, 5274, 5321, 5684, 5688, 5715, 5326, 5347, 5431, 5726, 5502, 5707, 5635, 5565, 5587, 5311, 5545, 5253, 5557, 5669, 5460, 5488, 5650, 5640, 5585, 5561, 5564, 5490, 5664, 5716, 5350, 5580, 5718, 5651, 5363, 5498, 5298, 5333, 5493, 5317, 5285, 5588, 5484, 5578, 5472, 5413, 5552, 5259, 5254, 5401, 5577, 5656, 5660, 5712, 5303, 5625, 5331, 5508, 5265, 5462, 5277, 5282, 5470, 5708, 5395, 5600, 5663, 5310, 5261, 5378, 5558, 5678, 5336, 5540, 5351, 5492, 5618, 5389, 5302, 5352, 5507, 5444, 5455, 5314, 5610, 5342, 5489, 5483, 5685, 5373, 5340, 5582, 5300, 5699, 5554, 5307, 5643, 5520 (8 hits) (04/08/2013 01:35:07 PM)
15	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5643, 5289, 5284, 5657, 5394, 5340, 5559, 5276, 5671, 5358, 5709, 5681, 5310, 5489, 5253, 5602, 5359, 5512, 5402, 5501, 5716, 5375, 5415, 5341, 5660, 5435, 5594, 5685, 5591, 5257, 5693, 5720, 5573, 5294, 5713, 5599, 5317, 5439, 5258, 5408, 5296, 5267, 5506, 5627, 5438, 5397, 5605, 5335, 5272, 5479, 5689, 5367, 5373, 5700, 5530, 5456, 5328, 5261, 5292, 5450, 5569, 5510, 5523, 5458, 5346, 5680, 5651, 5280, 5604, 5670, 5452, 5565, 5312, 5606, 5313, 5636, 5285, 5712, 5686, 5391, 5470, 5331, 5400, 5393, 5262, 5447, 5336, 5370, 5433, 5654, 5291, 5630, 5568, 5544, 5467, 5626, 5487, 5640, 5478, 5424 (6 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:35:15 PM)
16	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5259, 5567, 5723, 5492, 5664, 5412, 5520, 5661, 5275, 5651, 5679, 5578, 5619, 5255, 5287, 5713, 5515, 5631, 5485, 5291, 5694, 5673, 5373, 5294, 5608, 5534, 5636, 5406, 5342, 5725, 5680, 5409, 5717, 5574, 5290, 5524, 5566, 5488, 5605, 5309, 5280, 5447, 5276, 5579, 5269, 5313, 5422, 5432, 5568, 5708, 5300, 5596, 5482, 5643, 5260, 5427, 5444, 5705, 5674, 5272, 5341, 5355, 5448, 5470, 5559, 5498, 5518, 5288, 5646, 5257, 5439, 5558, 5252, 5700, 5354, 5407, 5421, 5569, 5544, 5317, 5431, 5426, 5433, 5686, 5314, 5684, 5647, 5607, 5654, 5710, 5521, 5600, 5495, 5706, 5473, 5557, 5387, 5428, 5307, 5537 (8 hits) (04/08/2013 01:35:24 PM)
17	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5469, 5678, 5380, 5672, 5523, 5699, 5496, 5563, 5386, 5621, 5345, 5687, 5673, 5708, 5483, 5337, 5336, 5454, 5562, 5301, 5397, 5536, 5363, 5638, 5632, 5504, 5528, 5307, 5285, 5376, 5410, 5628, 5451, 5547, 5322, 5577, 5626, 5482, 5257, 5447, 5545, 5615, 5592, 5548, 5557, 5467, 5353, 5448, 5327, 5707, 5418, 5617, 5551, 5508, 5586, 5543, 5501, 5559, 5649, 5365, 5258, 5464, 5350, 5362, 5520, 5725, 5441, 5329, 5402, 5517, 5636, 5668, 5276, 5251, 5700, 5679, 5591, 5479, 5343, 5331, 5484, 5544, 5299, 5261, 5605, 5446, 5648, 5565, 5489, 5602, 5639, 5613, 5368, 5425, 5379, 5266, 5706, 5629, 5409, 5714 (8 hits) (04/08/2013 01:35:31 PM)
18	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5657, 5651, 5365, 5301, 5313, 5303, 5581, 5273, 5435, 5710, 5372, 5378, 5591, 5376, 5370, 5689, 5549, 5329, 5426, 5433, 5344, 5567, 5511, 5639, 5377, 5630, 5691, 5276, 5644, 5374, 5421, 5712, 5594, 5336, 5453, 5652, 5610, 5311, 5485, 5673, 5357, 5439, 5682, 5563, 5505, 5681, 5509, 5369,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5534, 5462, 5490, 5566, 5553, 5703, 5469, 5394, 5643, 5415, 5324, 5633, 5481, 5641, 5330, 5437, 5664, 5561, 5327, 5539, 5615, 5345, 5624, 5605, 5716, 5520, 5270, 5586, 5570, 5547, 5274, 5725, 5577, 5501, 5466, 5286, 5348, 5282, 5268, 5700, 5695, 5294, 5416, 5401, 5443, 5571, 5622, 5531, 5405, 5525, 5685, 5259 (7 hits) (04/08/2013 01:35:38 PM)
19	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5608, 5382, 5662, 5602, 5396, 5279, 5395, 5546, 5705, 5497, 5643, 5692, 5433, 5343, 5510, 5428, 5430, 5550, 5368, 5722, 5639, 5443, 5441, 5595, 5724, 5325, 5270, 5538, 5612, 5455, 5511, 5473, 5354, 5341, 5518, 5641, 5310, 5656, 5313, 5701, 5406, 5617, 5621, 5255, 5682, 5582, 5659, 5515, 5404, 5568, 5282, 5378, 5634, 5412, 5363, 5262, 5405, 5527, 5638, 5365, 5419, 5475, 5644, 5440, 5488, 5471, 5597, 5303, 5258, 5628, 5358, 5463, 5381, 5664, 5356, 5565, 5560, 5437, 5345, 5663, 5654, 5304, 5642, 5547, 5710, 5633, 5333, 5544, 5459, 5478, 5706, 5540, 5410, 5632, 5519, 5585, 5312, 5260, 5435, 5712 (7 hits) (04/08/2013 01:35:45 PM)
20	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5488, 5455, 5479, 5471, 5613, 5409, 5344, 5308, 5521, 5313, 5504, 5607, 5277, 5597, 5580, 5585, 5681, 5447, 5668, 5644, 5615, 5530, 5324, 5399, 5573, 5656, 5706, 5638, 5653, 5534, 5596, 5392, 5510, 5428, 5490, 5364, 5705, 5397, 5275, 5474, 5713, 5432, 5456, 5363, 5711, 5693, 5266, 5314, 5696, 5274, 5413, 5496, 5445, 5614, 5682, 5548, 5436, 5304, 5470, 5676, 5264, 5258, 5269, 5725, 5365, 5485, 5703, 5641, 5645, 5526, 5608, 5468, 5511, 5625, 5311, 5328, 5375, 5582, 5309, 5491, 5651, 5345, 5643, 5572, 5568, 5654, 5492, 5370, 5283, 5531, 5288, 5383, 5331, 5495, 5319, 5477, 5352, 5578, 5692, 5497 (12 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:35:52 PM)
21	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5592, 5290, 5670, 5486, 5491, 5695, 5404, 5316, 5357, 5381, 5358, 5380, 5410, 5326, 5506, 5399, 5311, 5440, 5668, 5451, 5425, 5431, 5500, 5251, 5667, 5289, 5615, 5554, 5376, 5591, 5360, 5494, 5321, 5271, 5338, 5582, 5619, 5344, 5263, 5675, 5454, 5401, 5538, 5674, 5532, 5502, 5297, 5306, 5637, 5529, 5651, 5274, 5347, 5478, 5539, 5493, 5463, 5635, 5647, 5676, 5710, 5427, 5335, 5562, 5707, 5690, 5449, 5636, 5315, 5631, 5645, 5512, 5698, 5565, 5318, 5464, 5292, 5329, 5712, 5414, 5498, 5468, 5371, 5701, 5341, 5597, 5447, 5421, 5258, 5586, 5602, 5366, 5705, 5293, 5605, 5601, 5396, 5697, 5508, 5349 (10 hits) (04/08/2013 01:36:00 PM)
22	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5421, 5550, 5579, 5725, 5311, 5561, 5720, 5458, 5298, 5687, 5668, 5356, 5492, 5587, 5661, 5383, 5419, 5596, 5320, 5723, 5721, 5608, 5263, 5378, 5326, 5358, 5537, 5278, 5714, 5270, 5529, 5310, 5722, 5704, 5639, 5667, 5344, 5631, 5261, 5414, 5413, 5700, 5619, 5319, 5548, 5404, 5393, 5464, 5315, 5597, 5399, 5283, 5642, 5381, 5523, 5483, 5292, 5698, 5674, 5690, 5441, 5575, 5510, 5429, 5254, 5546, 5275, 5514, 5648, 5477, 5554, 5553, 5373, 5524, 5314, 5585, 5584, 5349, 5560, 5465, 5547, 5409, 5392, 5527, 5517, 5355, 5389, 5696, 5329, 5647, 5474, 5403, 5455, 5272, 5718, 5662, 5542, 5649, 5644, 5576 (8 hits) (04/08/2013 01:36:07 PM)
23	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5513, 5423, 5351, 5530, 5510, 5543, 5536, 5668, 5713, 5419, 5570, 5540, 5559, 5682, 5331, 5606, 5438, 5562, 5297, 5394, 5641, 5500, 5694, 5520, 5565, 5479, 5432, 5410, 5659, 5522, 5403, 5349, 5712, 5444, 5544, 5572, 5691, 5320, 5480, 5718, 5439, 5507, 5644, 5287, 5553, 5251, 5313, 5299,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5385, 5578, 5316, 5368, 5603, 5284, 5257, 5542, 5596, 5531, 5381, 5697, 5698, 5414, 5293, 5312, 5434, 5599, 5616, 5399, 5545, 5370, 5269, 5380, 5329, 5308, 5341, 5635, 5270, 5361, 5326, 5653, 5638, 5670, 5592, 5383, 5261, 5404, 5366, 5353, 5699, 5615, 5535, 5484, 5294, 5502, 5566, 5472, 5497, 5710, 5346, 5576 (9 hits) (04/08/2013 01:36:14 PM)
24	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5346, 5553, 5270, 5642, 5476, 5579, 5317, 5535, 5338, 5419, 5478, 5619, 5437, 5518, 5335, 5344, 5255, 5647, 5591, 5533, 5486, 5286, 5712, 5325, 5474, 5578, 5463, 5625, 5454, 5506, 5354, 5655, 5369, 5680, 5382, 5531, 5356, 5324, 5691, 5444, 5724, 5660, 5460, 5503, 5307, 5644, 5359, 5316, 5360, 5636, 5468, 5311, 5425, 5508, 5292, 5569, 5284, 5274, 5326, 5658, 5394, 5466, 5357, 5653, 5272, 5293, 5259, 5588, 5696, 5327, 5610, 5657, 5334, 5353, 5295, 5459, 5634, 5340, 5575, 5258, 5507, 5603, 5376, 5319, 5500, 5483, 5380, 5441, 5594, 5714, 5498, 5253, 5620, 5415, 5512, 5528, 5342, 5285, 5509, 5514 (11 hits) (04/08/2013 01:36:23 PM)
25	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5601, 5312, 5589, 5328, 5618, 5473, 5613, 5294, 5305, 5342, 5295, 5641, 5256, 5632, 5349, 5427, 5467, 5687, 5278, 5620, 5461, 5420, 5463, 5374, 5470, 5398, 5433, 5324, 5505, 5274, 5348, 5507, 5663, 5308, 5615, 5438, 5338, 5303, 5597, 5464, 5364, 5695, 5704, 5513, 5354, 5680, 5380, 5300, 5458, 5450, 5277, 5504, 5444, 5254, 5480, 5360, 5326, 5468, 5251, 5488, 5252, 5439, 5495, 5711, 5367, 5693, 5686, 5668, 5607, 5518, 5717, 5289, 5672, 5298, 5652, 5657, 5375, 5325, 5715, 5523, 5526, 5397, 5718, 5288, 5709, 5418, 5658, 5366, 5609, 5483, 5537, 5548, 5299, 5362, 5553, 5453, 5531, 5557, 5664, 5465 (8 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:36:30 PM)
26	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5313, 5270, 5701, 5438, 5449, 5343, 5447, 5280, 5461, 5527, 5410, 5325, 5409, 5526, 5525, 5534, 5515, 5478, 5306, 5456, 5283, 5630, 5393, 5336, 5282, 5251, 5609, 5364, 5605, 5372, 5375, 5432, 5570, 5653, 5386, 5528, 5671, 5711, 5331, 5631, 5601, 5665, 5329, 5480, 5512, 5552, 5668, 5323, 5377, 5638, 5575, 5618, 5569, 5287, 5350, 5702, 5620, 5504, 5611, 5626, 5497, 5721, 5608, 5485, 5327, 5521, 5596, 5431, 5590, 5467, 5273, 5441, 5511, 5429, 5612, 5397, 5401, 5589, 5288, 5542, 5476, 5341, 5645, 5695, 5597, 5689, 5278, 5607, 5320, 5664, 5468, 5318, 5698, 5551, 5588, 5524, 5408, 5292, 5335, 5606 (11 hits) (04/08/2013 01:36:38 PM)
27	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5260, 5552, 5496, 5405, 5608, 5488, 5629, 5364, 5682, 5613, 5481, 5443, 5365, 5643, 5707, 5686, 5345, 5448, 5576, 5575, 5288, 5653, 5642, 5559, 5688, 5444, 5331, 5581, 5428, 5669, 5477, 5554, 5721, 5330, 5573, 5649, 5705, 5374, 5533, 5401, 5328, 5321, 5307, 5450, 5347, 5527, 5368, 5411, 5566, 5271, 5480, 5433, 5465, 5631, 5354, 5662, 5290, 5531, 5335, 5400, 5618, 5634, 5550, 5666, 5279, 5372, 5500, 5418, 5350, 5253, 5499, 5435, 5438, 5472, 5410, 5440, 5431, 5282, 5342, 5361, 5541, 5516, 5316, 5503, 5310, 5266, 5273, 5299, 5406, 5311, 5560, 5710, 5716, 5429, 5297, 5289, 5645, 5724, 5483, 5367 (6 hits) (04/08/2013 01:36:45 PM)
28	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5691, 5461, 5508, 5503, 5273, 5713, 5374, 5472, 5412, 5546, 5356, 5297, 5636, 5402, 5553, 5602, 5325, 5436, 5707, 5609, 5353, 5597, 5378, 5335, 5598, 5396, 5632, 5274, 5529, 5473, 5534, 5629, 5570, 5489, 5574, 5672, 5347, 5338, 5680, 5499, 5299, 5386, 5700, 5525, 5485, 5715, 5704, 5282,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5612, 5422, 5662, 5617, 5459, 5554, 5588, 5513, 5642, 5720, 5613, 5440, 5484, 5676, 5298, 5255, 5271, 5639, 5307, 5418, 5495, 5488, 5320, 5314, 5661, 5542, 5668, 5530, 5510, 5277, 5708, 5531, 5365, 5678, 5545, 5426, 5651, 5260, 5427, 5292, 5564, 5444, 5596, 5350, 5557, 5699, 5474, 5266, 5527, 5705, 5726, 5659 (10 hits) (04/08/2013 01:36:52 PM)
29	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5687, 5322, 5542, 5583, 5663, 5555, 5351, 5544, 5490, 5429, 5259, 5526, 5343, 5356, 5685, 5572, 5256, 5668, 5667, 5410, 5375, 5364, 5326, 5623, 5519, 5419, 5511, 5635, 5504, 5595, 5618, 5529, 5438, 5382, 5674, 5559, 5538, 5693, 5478, 5580, 5466, 5371, 5614, 5681, 5586, 5665, 5706, 5659, 5714, 5481, 5381, 5582, 5252, 5354, 5649, 5578, 5300, 5461, 5673, 5524, 5622, 5402, 5383, 5486, 5359, 5333, 5376, 5477, 5709, 5553, 5601, 5289, 5654, 5407, 5696, 5337, 5612, 5368, 5414, 5517, 5630, 5470, 5600, 5567, 5520, 5627, 5319, 5515, 5324, 5652, 5594, 5602, 5640, 5482, 5534, 5400, 5577, 5528, 5390, 5443 (11 hits) (04/08/2013 01:36:59 PM)
30	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5615, 5547, 5695, 5364, 5622, 5647, 5469, 5508, 5654, 5659, 5600, 5543, 5455, 5534, 5670, 5456, 5378, 5687, 5636, 5506, 5527, 5714, 5472, 5570, 5480, 5276, 5377, 5540, 5356, 5619, 5671, 5368, 5575, 5572, 5676, 5280, 5347, 5701, 5470, 5650, 5554, 5481, 5606, 5461, 5304, 5509, 5555, 5692, 5523, 5664, 5344, 5685, 5541, 5612, 5483, 5708, 5678, 5406, 5438, 5643, 5336, 5305, 5385, 5682, 5466, 5632, 5349, 5645, 5387, 5672, 5407, 5263, 5592, 5259, 5603, 5677, 5556, 5357, 5719, 5322, 5683, 5488, 5633, 5412, 5518, 5596, 5559, 5673, 5500, 5271, 5491, 5522, 5658, 5359, 5651, 5284, 5715, 5551, 5343, 5300 (9 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:37:06 PM)
31	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5478, 5297, 5666, 5423, 5436, 5457, 5567, 5720, 5569, 5450, 5540, 5631, 5558, 5274, 5322, 5719, 5486, 5440, 5491, 5684, 5609, 5387, 5481, 5381, 5674, 5308, 5271, 5357, 5469, 5628, 5552, 5379, 5599, 5488, 5564, 5632, 5300, 5369, 5262, 5251, 5404, 5363, 5273, 5699, 5568, 5581, 5393, 5348, 5527, 5714, 5665, 5718, 5446, 5282, 5583, 5338, 5608, 5259, 5592, 5433, 5522, 5386, 5603, 5496, 5585, 5626, 5372, 5501, 5538, 5395, 5298, 5571, 5565, 5317, 5676, 5319, 5255, 5417, 5715, 5701, 5673, 5291, 5647, 5572, 5593, 5304, 5476, 5493, 5479, 5431, 5305, 5388, 5656, 5364, 5277, 5445, 5299, 5401, 5407, 5622 (6 hits) (04/08/2013 01:37:15 PM)
32	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5639, 5635, 5400, 5626, 5617, 5476, 5405, 5431, 5491, 5445, 5616, 5532, 5257, 5338, 5389, 5686, 5691, 5269, 5679, 5480, 5587, 5633, 5513, 5439, 5415, 5499, 5426, 5333, 5539, 5611, 5350, 5695, 5603, 5613, 5316, 5293, 5271, 5315, 5417, 5716, 5465, 5451, 5414, 5632, 5368, 5706, 5621, 5512, 5258, 5378, 5347, 5504, 5317, 5618, 5325, 5331, 5721, 5654, 5644, 5607, 5570, 5284, 5420, 5416, 5379, 5361, 5543, 5508, 5402, 5304, 5660, 5479, 5724, 5531, 5322, 5297, 5454, 5671, 5585, 5328, 5329, 5575, 5380, 5525, 5694, 5290, 5412, 5600, 5413, 5430, 5397, 5610, 5288, 5661, 5421, 5330, 5509, 5444, 5287, 5370 (8 hits) (04/08/2013 01:37:23 PM)
33	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5390, 5617, 5393, 5472, 5469, 5450, 5341, 5466, 5725, 5251, 5276, 5451, 5548, 5505, 5494, 5320, 5443, 5621, 5558, 5401, 5634, 5273, 5518, 5587, 5594, 5724, 5674, 5694, 5486, 5610, 5359, 5603, 5347, 5283, 5666, 5507, 5287, 5374, 5440, 5253, 5501, 5647, 5607, 5690, 5298, 5515, 5434, 5456,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5415, 5723, 5542, 5513, 5534, 5700, 5282, 5383, 5559, 5321, 5452, 5608, 5661, 5645, 5455, 5296, 5257, 5394, 5274, 5582, 5593, 5591, 5475, 5490, 5638, 5447, 5500, 5334, 5352, 5340, 5527, 5462, 5335, 5665, 5540, 5538, 5458, 5392, 5350, 5547, 5588, 5351, 5652, 5529, 5496, 5716, 5339, 5313, 5275, 5491, 5471, 5532 (13 hits) (04/08/2013 01:37:31 PM)
34	9	1.0	333.0	Yes	5521.0MHz, -63.0dBm	Hop sequence: 5376, 5541, 5309, 5326, 5406, 5469, 5542, 5365, 5637, 5379, 5539, 5718, 5377, 5266, 5631, 5359, 5401, 5559, 5353, 5655, 5546, 5627, 5301, 5381, 5282, 5615, 5560, 5492, 5361, 5580, 5346, 5678, 5324, 5702, 5367, 5529, 5636, 5673, 5708, 5258, 5687, 5662, 5515, 5500, 5562, 5501, 5290, 5262, 5293, 5368, 5614, 5298, 5393, 5717, 5683, 5567, 5616, 5521, 5610, 5426, 5644, 5604, 5375, 5589, 5722, 5391, 5362, 5496, 5682, 5693, 5357, 5506, 5480, 5413, 5378, 5665, 5626, 5267, 5697, 5709, 5711, 5321, 5584, 5259, 5344, 5543, 5466, 5463, 5537, 5557, 5532, 5664, 5383, 5601, 5449, 5252, 5699, 5534, 5719, 5721 (8 hits) (04/08/2013 01:37:40 PM)
35	9	1.0	333.0	Yes	5522.0MHz, -63.0dBm	Hop sequence: 5627, 5486, 5389, 5398, 5682, 5654, 5646, 5700, 5272, 5711, 5425, 5493, 5302, 5378, 5661, 5438, 5424, 5625, 5277, 5254, 5279, 5363, 5439, 5649, 5633, 5356, 5719, 5657, 5462, 5288, 5409, 5709, 5253, 5509, 5322, 5558, 5686, 5573, 5456, 5694, 5490, 5511, 5441, 5298, 5318, 5637, 5641, 5261, 5443, 5718, 5365, 5452, 5705, 5422, 5584, 5391, 5568, 5680, 5281, 5342, 5350, 5407, 5562, 5528, 5301, 5488, 5687, 5367, 5502, 5606, 5708, 5640, 5469, 5664, 5417, 5503, 5666, 5305, 5522, 5670, 5517, 5536, 5442, 5722, 5274, 5266, 5296, 5351, 5340, 5564, 5421, 5470, 5315, 5619, 5436, 5650, 5565, 5349, 5393, 5615 (9 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:37:47 PM)
36	9	1.0	333.0	Yes	5523.0MHz, -63.0dBm	Hop sequence: 5337, 5677, 5483, 5594, 5430, 5344, 5288, 5314, 5496, 5287, 5291, 5529, 5489, 5470, 5313, 5602, 5576, 5710, 5340, 5253, 5547, 5466, 5519, 5278, 5690, 5256, 5527, 5348, 5319, 5508, 5428, 5507, 5715, 5621, 5417, 5389, 5433, 5607, 5537, 5395, 5311, 5566, 5418, 5716, 5347, 5645, 5352, 5637, 5572, 5590, 5562, 5565, 5624, 5638, 5407, 5380, 5597, 5363, 5648, 5647, 5412, 5370, 5320, 5622, 5372, 5589, 5553, 5425, 5583, 5661, 5704, 5393, 5484, 5669, 5694, 5549, 5453, 5696, 5384, 5383, 5523, 5289, 5517, 5668, 5326, 5559, 5495, 5400, 5387, 5541, 5321, 5530, 5538, 5636, 5592, 5660, 5561, 5410, 5646, 5419 (10 hits) (04/08/2013 01:37:55 PM)
37	9	1.0	333.0	Yes	5524.0MHz, -63.0dBm	Hop sequence: 5420, 5490, 5592, 5471, 5498, 5624, 5449, 5697, 5253, 5318, 5290, 5389, 5691, 5447, 5684, 5614, 5722, 5443, 5271, 5456, 5416, 5571, 5595, 5425, 5469, 5546, 5426, 5288, 5550, 5367, 5402, 5554, 5433, 5374, 5400, 5315, 5356, 5715, 5652, 5617, 5504, 5679, 5453, 5302, 5319, 5386, 5507, 5513, 5522, 5323, 5354, 5658, 5668, 5418, 5325, 5670, 5262, 5664, 5441, 5275, 5350, 5492, 5556, 5649, 5352, 5327, 5324, 5636, 5403, 5609, 5603, 5357, 5383, 5279, 5458, 5274, 5488, 5610, 5485, 5578, 5500, 5634, 5380, 5523, 5494, 5597, 5660, 5724, 5486, 5589, 5562, 5694, 5533, 5608, 5539, 5379, 5312, 5640, 5428, 5373 (10 hits) (04/08/2013 01:38:02 PM)
38	9	1.0	333.0	Yes	5525.0MHz, -63.0dBm	Hop sequence: 5658, 5482, 5646, 5389, 5360, 5320, 5316, 5687, 5694, 5636, 5678, 5550, 5336, 5560, 5324, 5395, 5339, 5592, 5655, 5432, 5388, 5465, 5520, 5557, 5487, 5699, 5714, 5361, 5502, 5462, 5337, 5457, 5433, 5551, 5302, 5254, 5710, 5547, 5335, 5313, 5379, 5426, 5698, 5540, 5486, 5329, 5333, 5666,

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5614, 5568, 5677, 5427, 5485, 5454, 5470, 5716, 5609, 5579, 5410, 5345, 5474, 5532, 5619, 5402, 5272, 5492, 5380, 5541, 5635, 5279, 5721, 5508, 5653, 5669, 5362, 5611, 5463, 5511, 5378, 5514, 5386, 5681, 5570, 5637, 5638, 5469, 5467, 5441, 5328, 5702, 5524, 5554, 5533, 5601, 5624, 5397, 5617, 5332, 5334, 5447 (7 hits) (04/08/2013 01:38:09 PM)
39	9	1.0	333.0	Yes	5526.0MHz, -63.0dBm	Hop sequence: 5346, 5537, 5647, 5489, 5644, 5558, 5430, 5530, 5449, 5669, 5714, 5414, 5499, 5262, 5288, 5408, 5678, 5393, 5690, 5702, 5603, 5607, 5456, 5426, 5659, 5353, 5452, 5267, 5302, 5373, 5297, 5691, 5289, 5564, 5713, 5572, 5544, 5340, 5312, 5295, 5485, 5495, 5361, 5724, 5602, 5425, 5712, 5670, 5604, 5522, 5673, 5331, 5688, 5685, 5636, 5608, 5332, 5382, 5363, 5419, 5554, 5648, 5276, 5458, 5606, 5506, 5662, 5398, 5472, 5278, 5505, 5703, 5661, 5427, 5406, 5490, 5446, 5337, 5441, 5423, 5580, 5291, 5599, 5699, 5566, 5275, 5723, 5339, 5660, 5383, 5405, 5397, 5484, 5301, 5420, 5480, 5366, 5407, 5561, 5715 (7 hits) (04/08/2013 01:38:17 PM)
40	9	1.0	333.0	Yes	5527.0MHz, -63.0dBm	Hop sequence: 5275, 5254, 5697, 5317, 5320, 5676, 5379, 5402, 5412, 5416, 5500, 5383, 5315, 5715, 5703, 5551, 5618, 5428, 5535, 5309, 5524, 5594, 5264, 5672, 5694, 5612, 5627, 5447, 5394, 5396, 5646, 5661, 5519, 5466, 5639, 5575, 5559, 5397, 5348, 5509, 5613, 5479, 5547, 5570, 5307, 5721, 5287, 5415, 5708, 5308, 5435, 5577, 5602, 5296, 5357, 5619, 5714, 5472, 5665, 5445, 5448, 5505, 5256, 5338, 5553, 5498, 5410, 5643, 5651, 5295, 5382, 5316, 5417, 5266, 5273, 5722, 5649, 5556, 5398, 5485, 5548, 5380, 5340, 5622, 5453, 5378, 5675, 5606, 5318, 5440, 5368, 5345, 5470, 5418, 5349, 5270, 5376, 5685, 5680, 5541 (6 hits) (04/08/2013

Table 126 - FCC frequency hopping radar (Type 6) Results Dual Band 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:38:25 PM)
41	9	1.0	333.0	Yes	5528.0MHz, -63.0dBm	Hop sequence: 5441, 5334, 5471, 5526, 5509, 5707, 5593, 5279, 5417, 5400, 5629, 5542, 5715, 5661, 5330, 5466, 5251, 5690, 5324, 5544, 5554, 5604, 5539, 5375, 5719, 5452, 5633, 5660, 5360, 5478, 5412, 5286, 5639, 5423, 5540, 5601, 5619, 5576, 5391, 5307, 5699, 5624, 5512, 5345, 5589, 5720, 5389, 5329, 5336, 5486, 5262, 5652, 5678, 5283, 5649, 5592, 5299, 5701, 5476, 5672, 5517, 5612, 5627, 5712, 5302, 5636, 5428, 5536, 5523, 5297, 5606, 5257, 5289, 5520, 5372, 5305, 5424, 5552, 5285, 5645, 5301, 5326, 5487, 5506, 5485, 5564, 5311, 5295, 5684, 5507, 5361, 5473, 5465, 5642, 5364, 5580, 5457, 5258, 5637, 5363 (8 hits) (04/08/2013 01:38:34 PM)

Table 127 - Long Sequence Waveform Summary Dual Band 40MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -63.0dBm
Trial #2	Detected	5505.0MHz, -63.0dBm
Trial #3	Detected	5500.0MHz, -63.0dBm
Trial #4	Detected	5495.0MHz, -63.0dBm
Trial #5	Detected	5525.0MHz, -63.0dBm
Trial #6	Detected	5520.0MHz, -63.0dBm
Trial #7	Detected	5515.0MHz, -63.0dBm
Trial #8	Detected	5510.0MHz, -63.0dBm
Trial #9	Detected	5505.0MHz, -63.0dBm
Trial #10	Detected	5500.0MHz, -63.0dBm
Trial #11	Detected	5495.0MHz, -63.0dBm
Trial #12	Detected	5525.0MHz, -63.0dBm
Trial #13	Detected	5520.0MHz, -63.0dBm
Trial #14	Detected	5515.0MHz, -63.0dBm
Trial #15	Detected	5510.0MHz, -63.0dBm
Trial #16	Detected	5505.0MHz, -63.0dBm
Trial #17	Detected	5500.0MHz, -63.0dBm
Trial #18	Detected	5495.0MHz, -63.0dBm
Trial #19	Detected	5525.0MHz, -63.0dBm
Trial #20	Detected	5520.0MHz, -63.0dBm
Trial #21	Detected	5515.0MHz, -63.0dBm
Trial #22	Detected	5510.0MHz, -63.0dBm
Trial #23	Detected	5505.0MHz, -63.0dBm
Trial #24	Detected	5500.0MHz, -63.0dBm
Trial #25	Detected	5495.0MHz, -63.0dBm
Trial #26	Detected	5525.0MHz, -63.0dBm
Trial #27	Detected	5520.0MHz, -63.0dBm
Trial #28	Detected	5515.0MHz, -63.0dBm
Trial #29	Detected	5510.0MHz, -63.0dBm
Trial #30	Detected	5505.0MHz, -63.0dBm

Table 128 - Long Sequence Waveform Trial#1 (Detecte Dual Band 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.8	18	1042.0	-	0.598138
2	2	60.1	11	1113.0	-	1.735842
3	2	62.3	8	1720.0	-	2.679979
4	3	65.1	11	1042.0	1012.0	4.029971
5	2	70.6	10	1773.0	-	4.958436
6	2	76.8	8	1173.0	-	5.918825
7	1	53.6	10	-	-	6.831188
8	2	79.2	9	1073.0	-	8.003494
9	3	52.9	8	1293.0	1938.0	9.436462
10	2	64.9	13	1600.0	-	10.572929
11	2	71.0	8	1447.0	-	11.955643

Table 129 - Long Sequence Waveform Trial#2 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	88.6	7	1158.0	1737.0	0.418735
2	2	71.6	13	1279.0	-	0.802305
3	2	86.3	8	1190.0	-	1.492854
4	3	53.0	8	1075.0	1614.0	2.441306
5	2	80.4	9	1100.0	-	2.892063
6	2	60.6	18	1204.0	-	3.457837
7	2	80.4	12	1571.0	-	4.319018
8	2	72.3	20	1493.0	-	5.009828
9	2	99.7	16	1872.0	-	5.127435
10	2	67.9	6	1166.0	-	6.118790
11	2	55.3	17	1924.0	-	6.687279
12	2	70.3	11	1543.0	-	7.444569
13	3	63.3	15	1080.0	1534.0	7.949861
14	2	66.6	11	1173.0	-	8.800812
15	3	53.6	12	1156.0	1979.0	8.941798
16	1	95.4	13	-	-	9.713474
17	3	84.9	15	1193.0	1325.0	10.590788
18	2	98.1	12	1879.0	-	11.245697
19	2	78.7	12	1881.0	-	11.858499

Table 130 - Long Sequence Waveform Trial#3 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.4	18	-	-	0.878167
2	3	69.8	12	1623.0	1442.0	2.127486
3	3	56.9	8	1340.0	1562.0	2.458114
4	3	79.8	12	1743.0	1081.0	4.211588
5	3	98.7	13	1413.0	1921.0	4.683006
6	2	77.7	8	1507.0	-	5.703532
7	2	82.0	17	1969.0	-	7.619177
8	3	76.6	17	1359.0	1601.0	8.439698
9	2	73.9	18	1205.0	-	9.700808
10	1	83.5	6	-	-	10.672536
11	2	62.4	11	1001.0	-	11.290465

Table 131 - Long Sequence Waveform Trial#4 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	84.7	7	1037.0	1207.0	0.520084
2	3	83.0	9	1994.0	1095.0	1.356087
3	3	70.3	10	1023.0	1330.0	2.504881
4	2	94.2	6	1789.0	-	3.494857
5	3	97.2	6	1562.0	1113.0	4.139773
6	2	80.7	7	1561.0	-	5.086171
7	2	63.5	8	1270.0	-	6.097003
8	2	71.6	7	1628.0	-	6.950110
9	2	59.3	16	1165.0	-	7.958379
10	1	90.1	17	-	-	9.129006
11	1	94.4	10	-	-	9.847281
12	1	61.6	11	-	-	10.215779
13	2	53.8	7	1320.0	-	11.186186

Table 132 - Long Sequence Waveform Trial#5 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.4	10	1566.0	-	0.121812
2	2	89.8	16	1978.0	-	0.955153
3	1	66.6	16	-	-	1.836123
4	2	94.8	15	1259.0	-	2.997930
5	3	87.7	6	1330.0	1092.0	3.781226
6	2	57.0	8	1369.0	-	4.020203
7	1	73.7	6	-	-	5.313955
8	1	75.9	10	-	-	6.037664
9	1	68.7	18	-	-	6.923945
10	1	80.6	20	-	-	7.736573
11	1	89.2	6	-	-	8.112565
12	2	99.4	14	1627.0	-	9.345010
13	2	85.3	19	1779.0	-	10.361635
14	1	71.4	14	-	-	11.120142
15	2	52.6	18	1706.0	-	11.347661

Table 133 - Long Sequence Waveform Trial#6 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.7	8	1931.0	-	0.344126
2	1	54.5	16	-	-	1.439795
3	1	63.4	11	-	-	1.947424
4	1	59.3	9	-	-	3.069194
5	2	58.9	15	1164.0	-	3.934162
6	2	68.1	12	1459.0	-	4.833475
7	1	95.5	14	-	-	5.812882
8	1	97.5	9	-	-	6.847833
9	1	55.0	15	-	-	7.346784
10	2	76.8	7	1700.0	-	7.862347
11	1	59.0	12	-	-	8.875224
12	2	64.6	13	1489.0	-	9.745831
13	2	96.5	19	1494.0	-	10.329725
14	2	82.7	8	1169.0	-	11.778659

Table 134 - Long Sequence Waveform Trial#7 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	88.5	18	-	-	0.498671
2	2	96.7	15	1893.0	-	1.086273
3	2	98.9	6	1710.0	-	1.868511
4	3	62.6	6	1818.0	1167.0	3.012285
5	3	60.6	20	1400.0	1640.0	3.473916
6	3	54.4	7	1762.0	1179.0	4.494645
7	2	58.0	7	1263.0	-	5.673660
8	1	84.1	12	-	-	6.737218
9	1	73.3	10	-	-	7.558666
10	3	88.8	5	1933.0	1548.0	8.497289
11	3	88.3	12	1145.0	1055.0	8.968871
12	2	94.9	20	1552.0	-	10.195345
13	1	85.6	20	-	-	11.041387
14	1	54.8	16	-	-	11.662709

Table 135 - Long Sequence Waveform Trial#8 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.9	8	1153.0	1995.0	0.527379
2	3	69.6	14	1985.0	1974.0	1.075742
3	3	62.8	17	1726.0	1722.0	1.764794
4	2	88.5	16	1867.0	-	1.933097
5	2	92.2	12	1785.0	-	2.730071
6	1	55.9	6	-	-	3.457447
7	3	74.5	14	1088.0	1310.0	4.233768
8	1	72.5	6	-	-	4.662539
9	1	81.7	13	-	-	5.054259
10	2	98.0	13	1082.0	-	5.867518
11	1	93.4	14	-	-	6.628831
12	3	63.3	17	1301.0	1033.0	7.533946
13	1	84.5	5	-	-	7.639855
14	2	64.8	17	2000.0	-	8.471473
15	2	94.6	16	1004.0	-	9.073951
16	3	55.2	15	1014.0	1708.0	9.700004
17	2	55.7	11	1855.0	-	10.496253
18	2	98.7	7	1141.0	-	11.042825
19	2	88.8	8	1627.0	-	11.894426

Table 136 - Long Sequence Waveform Trial#9 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	74.1	17	1996.0	1012.0	0.593476
2	2	71.3	8	1365.0	-	1.666323
3	3	68.0	14	1450.0	1644.0	2.496724
4	3	95.5	15	1693.0	1608.0	3.196030
5	2	63.0	9	1761.0	-	4.273143
6	3	84.6	14	1483.0	1263.0	5.332532
7	2	50.3	7	1318.0	-	6.825780
8	3	92.5	13	1144.0	1053.0	7.955849
9	1	83.0	6	-	-	8.522021
10	2	89.0	6	1810.0	-	9.219291
11	3	63.1	10	1230.0	1689.0	10.875488
12	2	51.6	9	1438.0	-	11.272144

Table 137 - Long Sequence Waveform Trial#10 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	72.2	16	-	-	0.286916
2	2	93.8	18	1265.0	-	1.391847
3	2	64.5	17	1005.0	-	2.385619
4	1	54.6	6	-	-	3.083493
5	2	99.2	7	1868.0	-	3.715443
6	2	50.9	19	1100.0	-	4.745882
7	1	63.0	15	-	-	5.545446
8	2	61.0	14	1495.0	-	6.165100
9	2	55.1	7	1133.0	-	6.986672
10	2	59.8	14	1866.0	-	7.277407
11	2	51.7	8	1720.0	-	8.529434
12	2	52.3	18	1368.0	-	8.982922
13	2	80.9	8	1715.0	-	9.722836
14	2	95.8	16	1542.0	-	10.841887
15	1	53.4	14	-	-	11.808324

Table 138 - Long Sequence Waveform Trial#11 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.3	16	1287.0	-	0.772591
2	2	85.1	12	1503.0	-	2.307456
3	2	72.4	6	1575.0	-	3.703491
4	2	70.1	12	1319.0	-	4.000180
5	2	56.0	7	1900.0	-	5.394231
6	2	96.9	9	1890.0	-	7.296313
7	1	59.0	20	-	-	8.581253
8	1	81.3	16	-	-	9.829915
9	2	85.9	8	1288.0	-	11.471301

Table 139 - Long Sequence Waveform Trial#12 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.2	14	1868.0	-	0.032824
2	1	97.5	6	-	-	0.856298
3	1	82.1	12	-	-	1.940856
4	2	92.8	7	1258.0	-	2.454119
5	2	70.0	10	1148.0	-	3.010554
6	2	76.8	18	1411.0	-	4.163848
7	2	69.4	9	1778.0	-	4.520964
8	3	96.0	19	1029.0	1180.0	5.323961
9	1	87.8	19	-	-	6.312494
10	2	60.4	14	1121.0	-	6.479996
11	2	79.3	8	1891.0	-	7.167036
12	3	85.9	12	1580.0	1324.0	7.959200
13	2	89.8	7	1999.0	-	8.826303
14	1	75.8	7	-	-	9.466391
15	1	84.6	18	-	-	10.573301
16	3	64.9	6	1826.0	1468.0	11.150422
17	1	88.0	17	-	-	11.491498

Table 140 - Long Sequence Waveform Trial#13 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.0	18	1589.0	-	0.689133
2	3	95.2	14	1445.0	1664.0	1.496959
3	2	85.3	16	1090.0	-	2.386203
4	2	93.0	13	1890.0	-	3.209351
5	1	54.3	7	-	-	3.788993
6	1	73.0	20	-	-	4.503532
7	2	66.1	12	1532.0	-	5.225984
8	2	51.3	10	1384.0	-	6.423553
9	2	53.3	16	1135.0	-	6.909572
10	2	79.9	7	1210.0	-	8.043467
11	2	65.4	17	1084.0	-	8.573533
12	2	75.5	16	1686.0	-	9.498538
13	1	92.9	8	-	-	10.719010
14	2	62.2	13	1034.0	-	11.262003

Table 141 - Long Sequence Waveform Trial#14 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	77.2	13	1618.0	1903.0	0.896116
2	2	86.9	17	1809.0	-	1.507986
3	2	76.8	14	1384.0	-	2.115951
4	2	95.2	15	1066.0	-	3.271784
5	2	73.8	13	1880.0	-	3.877397
6	3	69.9	6	1267.0	1918.0	5.378274
7	3	85.0	6	1279.0	1190.0	6.425105
8	3	54.7	13	1408.0	1275.0	6.976574
9	2	89.0	8	1046.0	-	7.660629
10	2	71.2	18	1807.0	-	8.885107
11	2	50.5	5	1220.0	-	9.481536
12	1	71.6	18	-	-	10.833980
13	2	52.5	6	1849.0	-	11.934921

Table 142 - Long Sequence Waveform Trial#15 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.0	18	1109.0	-	0.613735
2	1	59.7	20	-	-	1.632107
3	2	66.3	10	1672.0	-	2.931765
4	2	67.4	18	1644.0	-	3.872635
5	2	98.7	10	1100.0	-	4.362748
6	2	88.1	6	1954.0	-	5.220120
7	1	69.3	14	-	-	6.134990
8	2	85.8	15	1356.0	-	7.039090
9	2	61.9	8	1820.0	-	8.295089
10	2	73.9	8	1532.0	-	9.130166
11	1	82.5	7	-	-	10.495516
12	3	76.9	16	1238.0	1009.0	11.945634

Table 143 - Long Sequence Waveform Trial#16 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.6	14	1986.0	-	0.491712
2	3	57.6	12	1750.0	1505.0	1.149760
3	1	51.2	9	-	-	1.844134
4	2	66.6	6	1548.0	-	2.539131
5	3	97.9	8	1296.0	1658.0	3.015989
6	1	52.1	18	-	-	3.658201
7	3	76.2	13	1245.0	1838.0	4.015449
8	2	53.5	14	1633.0	-	4.984287
9	2	93.3	5	1162.0	-	5.922161
10	2	80.0	16	2000.0	-	6.344521
11	1	59.4	6	-	-	6.986717
12	2	69.8	9	1253.0	-	7.781768
13	3	79.1	10	1150.0	1000.0	8.401431
14	1	95.7	8	-	-	9.140088
15	1	89.4	7	-	-	9.415705
16	1	95.2	6	-	-	10.402588
17	1	72.8	7	-	-	10.944838
18	3	51.7	16	1072.0	1812.0	11.635785

Table 144 - Long Sequence Waveform Trial#17 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.5	8	1355.0	-	0.334590
2	2	82.5	10	1151.0	-	1.111196
3	2	69.7	6	1830.0	-	2.233628
4	2	52.0	17	1766.0	-	2.878893
5	2	68.7	15	1124.0	-	3.330907
6	2	88.8	5	1962.0	-	4.315382
7	2	82.6	16	1528.0	-	5.077142
8	3	63.1	9	1954.0	1129.0	6.128653
9	2	76.4	17	1369.0	-	7.173716
10	2	99.8	16	1372.0	-	7.371436
11	3	57.9	18	1838.0	1562.0	8.234597
12	2	58.2	13	1581.0	-	9.485950
13	2	90.8	8	1707.0	-	9.844486
14	2	83.5	13	1110.0	-	10.450837
15	2	75.2	9	1247.0	-	11.544630

Table 145 - Long Sequence Waveform Trial#18 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.4	10	1264.0	-	0.584721
2	1	58.4	11	-	-	0.857598
3	2	52.6	15	1212.0	-	1.585832
4	2	95.3	6	1861.0	-	2.160317
5	1	86.7	15	-	-	3.084983
6	2	78.7	12	1307.0	-	3.927394
7	1	93.7	11	-	-	4.757223
8	3	61.3	16	1240.0	1678.0	5.480791
9	2	52.5	8	1433.0	-	6.166749
10	2	55.5	8	1789.0	-	6.795882
11	1	81.0	7	-	-	7.626990
12	2	94.8	8	1096.0	-	8.404205
13	1	65.2	9	-	-	8.762709
14	1	69.7	11	-	-	9.699710
15	2	75.6	11	1686.0	-	10.530522
16	1	54.4	12	-	-	11.093562
17	2	85.2	17	1312.0	-	11.914857

Table 146 - Long Sequence Waveform Trial#19 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.6	18	1291.0	1311.0	0.582486
2	1	50.2	18	-	-	1.075637
3	1	91.6	15	-	-	2.271328
4	1	64.1	18	-	-	2.702895
5	3	76.5	18	1282.0	1176.0	3.411585
6	3	78.2	18	1670.0	1418.0	4.006528
7	3	58.4	18	1932.0	1425.0	5.066236
8	2	93.2	10	1393.0	-	5.969679
9	2	62.9	8	1240.0	-	6.519337
10	3	79.7	14	1045.0	1505.0	7.886985
11	1	81.8	16	-	-	8.350135
12	2	53.7	11	1170.0	-	9.143518
13	3	99.2	11	1018.0	1890.0	9.737200
14	2	74.6	20	1293.0	-	10.425023
15	2	97.8	8	1606.0	-	11.345714

Table 147 - Long Sequence Waveform Trial#20 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.0	15	1221.0	-	0.535443
2	2	58.6	10	1545.0	-	0.854401
3	2	54.0	12	1252.0	-	1.492299
4	1	93.0	12	-	-	2.349639
5	2	59.1	20	1962.0	-	2.533432
6	3	82.9	9	1522.0	1654.0	3.733916
7	2	73.4	19	1306.0	-	3.999117
8	2	76.5	16	1388.0	-	4.550184
9	2	69.8	8	1376.0	-	5.150673
10	3	90.3	14	1106.0	1061.0	6.302073
11	1	53.8	14	-	-	6.776739
12	1	70.1	12	-	-	7.102241
13	2	93.5	16	1097.0	-	8.126752
14	2	71.0	8	1679.0	-	8.783040
15	3	86.4	8	1879.0	1586.0	9.346857
16	1	74.2	13	-	-	9.583245
17	3	76.5	5	1610.0	1971.0	10.200691
18	3	59.7	19	1284.0	1812.0	11.108251
19	2	68.5	6	1327.0	-	11.629813

Table 148 - Long Sequence Waveform Trial#21 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.8	15	1698.0	-	0.623344
2	2	58.5	14	1650.0	-	0.740263
3	1	95.9	6	-	-	1.428067
4	3	60.0	13	1851.0	1816.0	2.450892
5	1	86.6	17	-	-	2.796902
6	3	97.8	18	1352.0	1932.0	3.269003
7	2	62.3	14	1775.0	-	4.112841
8	1	61.7	16	-	-	4.903354
9	2	80.0	11	1434.0	-	5.253774
10	2	97.2	17	1908.0	-	5.695935
11	2	51.6	10	1384.0	-	6.321470
12	2	97.1	15	1071.0	-	7.498349
13	2	68.7	7	1837.0	-	8.045766
14	2	74.1	20	1870.0	-	8.400017
15	1	51.0	15	-	-	9.199510
16	3	70.3	5	1183.0	1978.0	9.511057
17	3	70.0	17	1601.0	1443.0	10.365102
18	3	50.2	17	1381.0	1429.0	10.752982
19	3	58.8	17	1669.0	1660.0	11.713327

Table 149 - Long Sequence Waveform Trial#22 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	56.0	19	1097.0	-	0.769783
2	2	58.0	13	1391.0	-	1.757374
3	2	95.6	13	1394.0	-	2.209419
4	2	78.9	19	1679.0	-	3.675308
5	3	51.5	12	1905.0	1450.0	4.104572
6	1	69.3	6	-	-	5.058355
7	1	93.1	19	-	-	5.741232
8	1	68.4	15	-	-	6.671991
9	2	96.5	6	1722.0	-	7.509569
10	2	55.6	18	1961.0	-	8.454941
11	3	69.3	19	1970.0	1284.0	9.851747
12	3	54.2	13	1452.0	1237.0	11.007225
13	1	64.9	16	-	-	11.866168

Table 150 - Long Sequence Waveform Trial#23 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.7	9	1500.0	-	0.439523
2	3	88.3	15	1999.0	1048.0	1.833966
3	2	74.8	11	1201.0	-	2.919448
4	3	64.3	18	1131.0	1057.0	3.722552
5	3	65.6	7	1586.0	1816.0	4.071694
6	3	98.1	11	1129.0	1822.0	5.413636
7	2	69.6	16	1116.0	-	6.545791
8	1	59.3	12	-	-	7.517271
9	3	88.7	15	1046.0	1654.0	8.265644
10	2	77.2	10	1459.0	-	9.585250
11	3	84.8	11	1853.0	1992.0	10.958639
12	2	93.1	8	1092.0	-	11.620053

Table 151 - Long Sequence Waveform Trial#24 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.8	14	-	-	1.327763
2	2	88.8	15	1709.0	-	1.703785
3	1	52.7	6	-	-	3.184980
4	1	64.4	16	-	-	4.822076
5	2	77.0	13	1749.0	-	6.459827
6	1	64.7	9	-	-	7.451972
7	3	96.9	5	1699.0	1524.0	8.862079
8	2	78.4	13	1954.0	-	10.480209
9	2	65.7	14	1664.0	-	10.896190

Table 152 - Long Sequence Waveform Trial#25 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	76.9	19	-	-	0.205147
2	2	71.2	13	1332.0	-	1.538427
3	2	99.5	8	1396.0	-	1.629780
4	3	74.2	17	1793.0	1305.0	3.139822
5	3	59.4	18	1449.0	1751.0	3.255030
6	3	77.9	14	1209.0	1280.0	4.013070
7	1	67.1	15	-	-	5.576318
8	3	62.9	12	1635.0	1426.0	5.732147
9	2	64.2	8	1601.0	-	6.595400
10	2	84.0	7	1225.0	-	7.952506
11	2	90.6	19	1550.0	-	8.291376
12	2	56.0	8	1049.0	-	8.921165
13	2	51.3	8	1700.0	-	10.232291
14	3	73.3	18	1333.0	1398.0	11.098482
15	2	79.1	6	1756.0	-	11.827189

Table 153 - Long Sequence Waveform Trial#26 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.7	16	1035.0	-	0.813311
2	2	96.4	8	1909.0	-	1.576488
3	2	65.4	11	1864.0	-	2.735821
4	2	84.2	8	1427.0	-	3.909902
5	2	51.6	14	1399.0	-	5.739221
6	2	65.7	18	1777.0	-	6.838092
7	2	98.4	12	1746.0	-	7.460236
8	1	64.7	19	-	-	9.072305
9	2	75.1	10	1816.0	-	10.492310
10	2	51.8	12	1393.0	-	11.832491

Table 154 - Long Sequence Waveform Trial#27 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	84.9	6	1245.0	1834.0	0.295777
2	2	55.7	20	1503.0	-	1.208436
3	2	92.5	6	1788.0	-	1.781332
4	2	94.6	15	1117.0	-	2.188405
5	3	97.0	8	1022.0	1301.0	2.957232
6	2	58.2	16	1361.0	-	3.729921
7	1	70.9	18	-	-	4.258271
8	2	62.9	11	1423.0	-	5.466077
9	1	63.8	14	-	-	6.337257
10	3	51.7	14	1361.0	1361.0	6.681774
11	3	82.9	7	1161.0	1363.0	7.717592
12	2	80.0	18	1226.0	-	8.109423
13	2	60.8	9	1848.0	-	9.152328
14	1	54.9	8	-	-	9.255185
15	1	62.3	6	-	-	10.281801
16	3	91.6	7	1866.0	1136.0	11.001525
17	1	96.9	11	-	-	11.320446

Table 155 - Long Sequence Waveform Trial#28 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.4	8	1332.0	-	0.873735
2	2	93.7	17	1522.0	-	1.748793
3	2	71.3	6	1705.0	-	2.686770
4	2	86.2	19	1181.0	-	4.224135
5	1	96.8	16	-	-	4.532688
6	2	65.0	6	1629.0	-	6.396584
7	1	84.6	13	-	-	6.686510
8	3	85.8	19	1275.0	1143.0	7.918485
9	2	75.8	9	1833.0	-	9.376138
10	3	52.9	7	1976.0	1132.0	10.239602
11	2	84.1	15	1424.0	-	11.264973

Table 156 - Long Sequence Waveform Trial#29 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.8	6	1957.0	-	1.292108
2	2	72.0	9	1489.0	-	2.148193
3	1	93.8	16	-	-	3.188615
4	3	66.6	20	1368.0	1292.0	4.165664
5	1	93.4	18	-	-	5.713294
6	3	77.9	12	1475.0	1043.0	7.971401
7	2	76.5	6	1932.0	-	8.561167
8	2	81.7	9	1604.0	-	9.893164
9	1	84.9	11	-	-	11.694913

Table 157 - Long Sequence Waveform Trial#30 (Detected) Dual Band 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	55.4	8	-	-	0.245008
2	1	69.8	10	-	-	1.933184
3	1	66.2	10	-	-	2.422876
4	3	78.8	17	1673.0	1756.0	3.152013
5	2	91.6	15	1974.0	-	4.452036
6	2	51.1	14	1920.0	-	5.132171
7	2	62.0	14	1751.0	-	6.684693
8	1	54.6	17	-	-	7.752130
9	3	89.3	19	1990.0	1231.0	8.680357
10	1	75.2	11	-	-	9.982811
11	3	60.5	11	1371.0	1681.0	10.943368
12	3	75.1	9	1243.0	1243.0	11.801094

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

Table 158 - FCC Part 15 Subpart E Channel Closing Test Results (Single Band Radio)					
Waveform Type	Channel Closing Transmission Time ¹		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1 (20MHz)	11.4 ms	60 ms	0.38 s	10 s	PASS
Radar Type 5 (20MHz)	0.0 ms	60 ms	0.0 s	10 s	PASS
Radar Type 1 (40MHz)	9.9 ms	60 ms	0.45 s	10 s	PASS
Radar Type 5 (40MHz)	0.0 ms	60 ms	0.0 s	10 s	PASS

Table 159 - FCC Part 15 Subpart E Channel Closing Test Results (Dual Band Radio)					
Waveform Type	Channel Closing Transmission Time ²		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1 (20MHz)	25.5 ms	60 ms	0.39 s	10 s	PASS
Radar Type 5 (20MHz)	0.0 ms	60 ms	0.0 s	10 s	PASS
Radar Type 1 (40MHz)	15.2 ms	60 ms	0.53 s	10 s	PASS
Radar Type 5 (40MHz)	0.0 ms	60 ms	0.0 s	10 s	PASS

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

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

² 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.

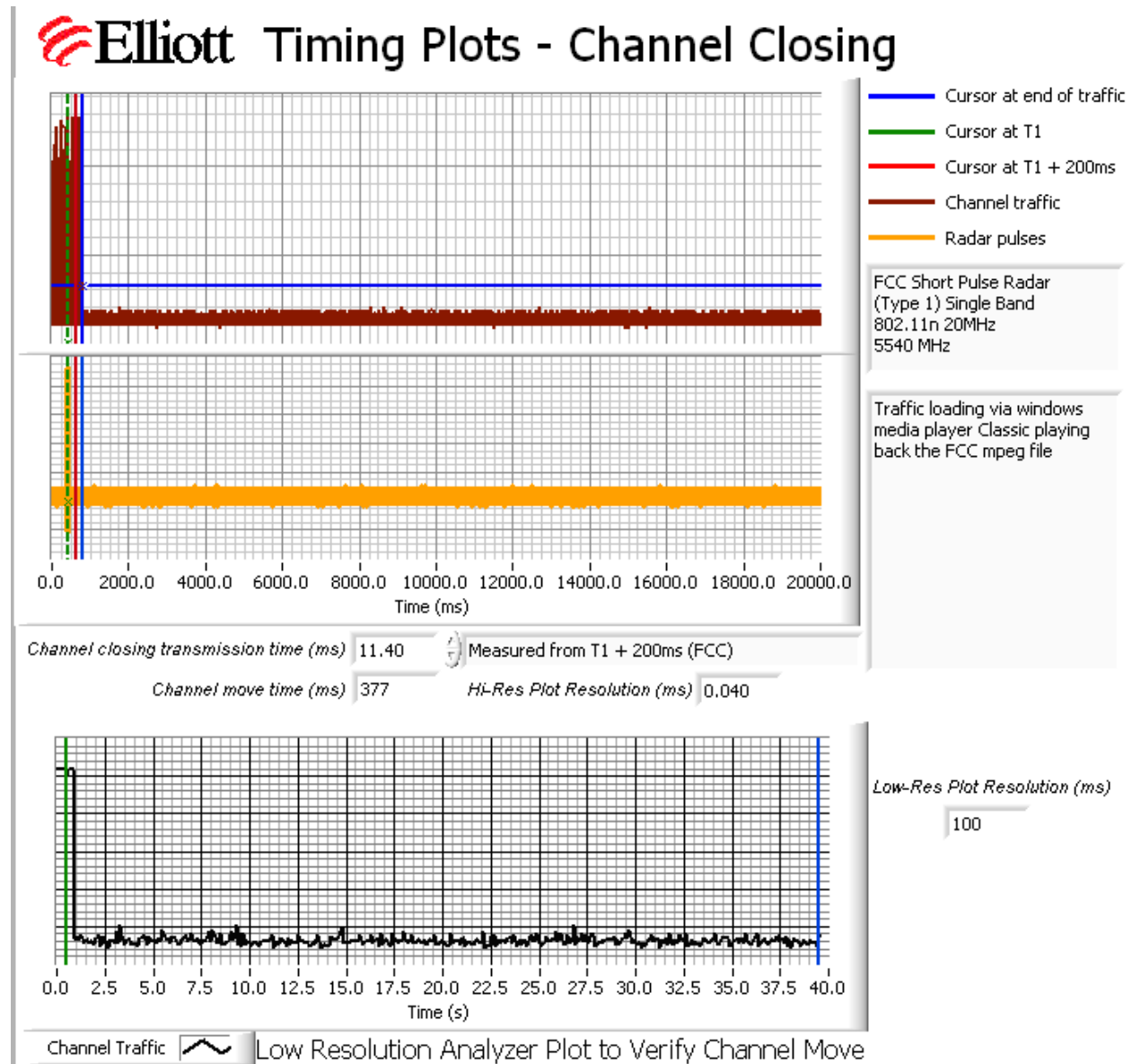


Figure 2 Channel Closing and Channel Move Time, 40 second plot, Type 1 - Single Band 20MHz

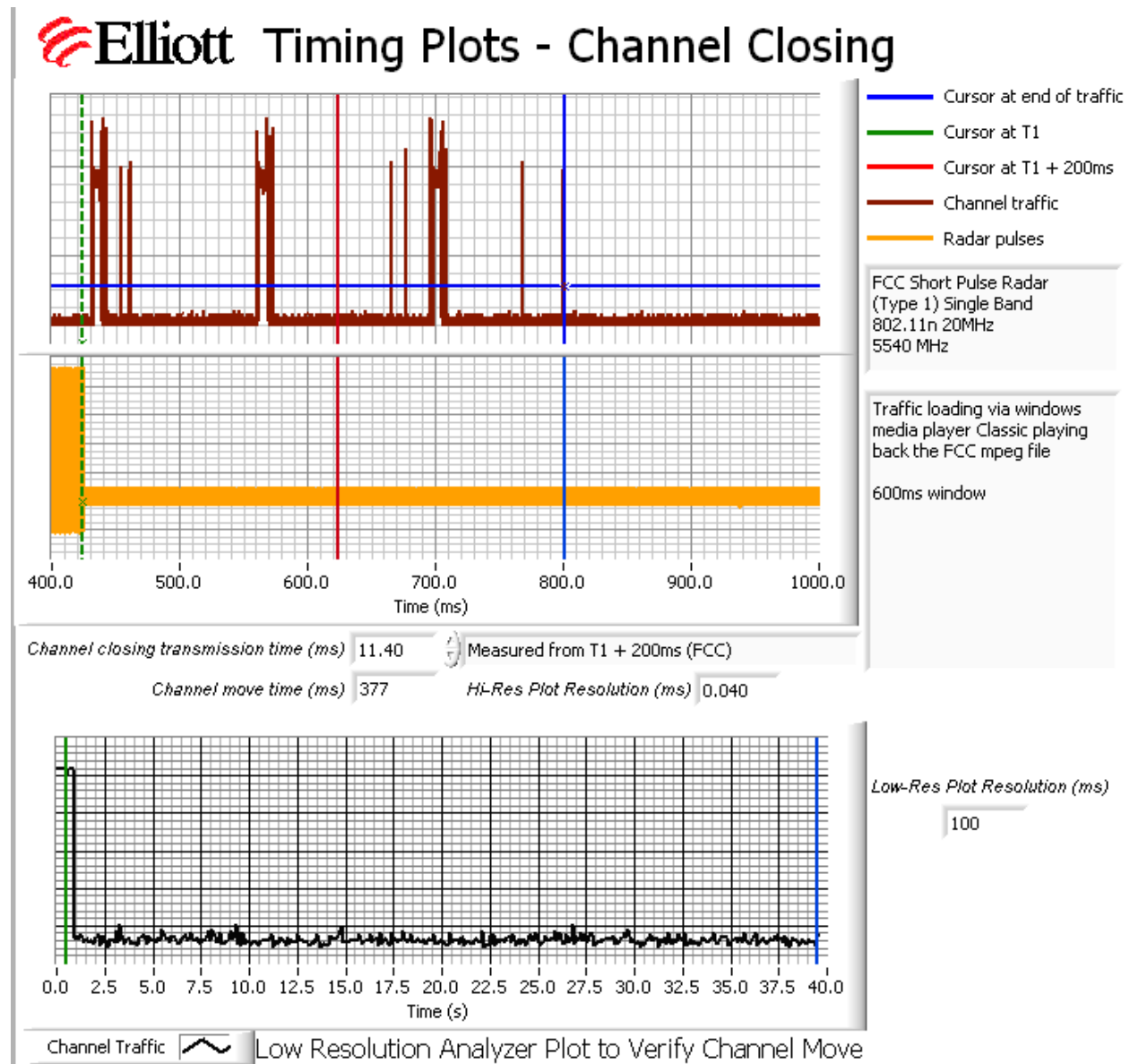


Figure 3 Close-up of Transmissions, 200ms after The End of Radar, Type 1 - Single Band 20MHz

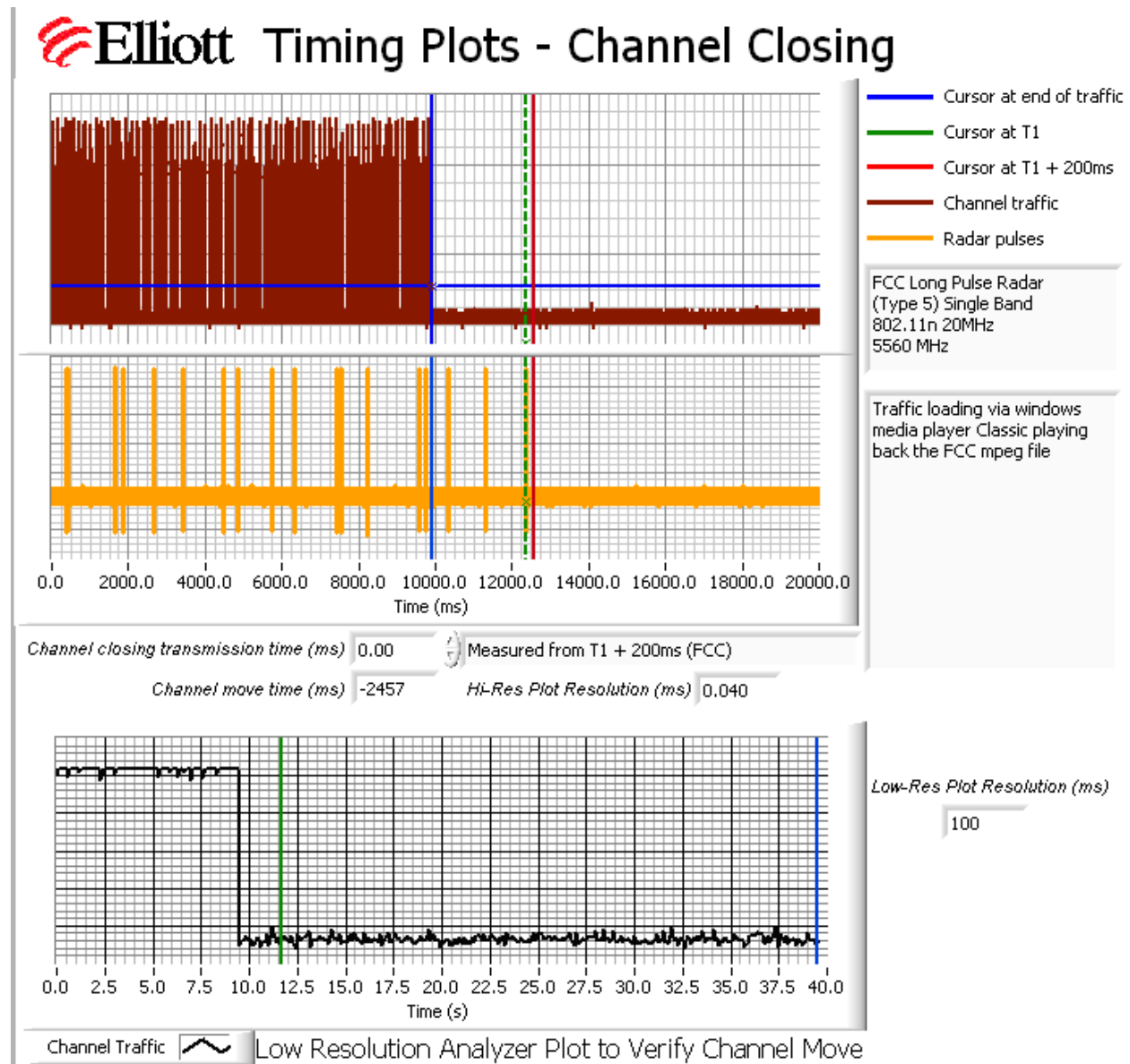


Figure 4 Channel Closing and Channel Move Time, 40 second plot, Type 5 - Single Band 20MHz

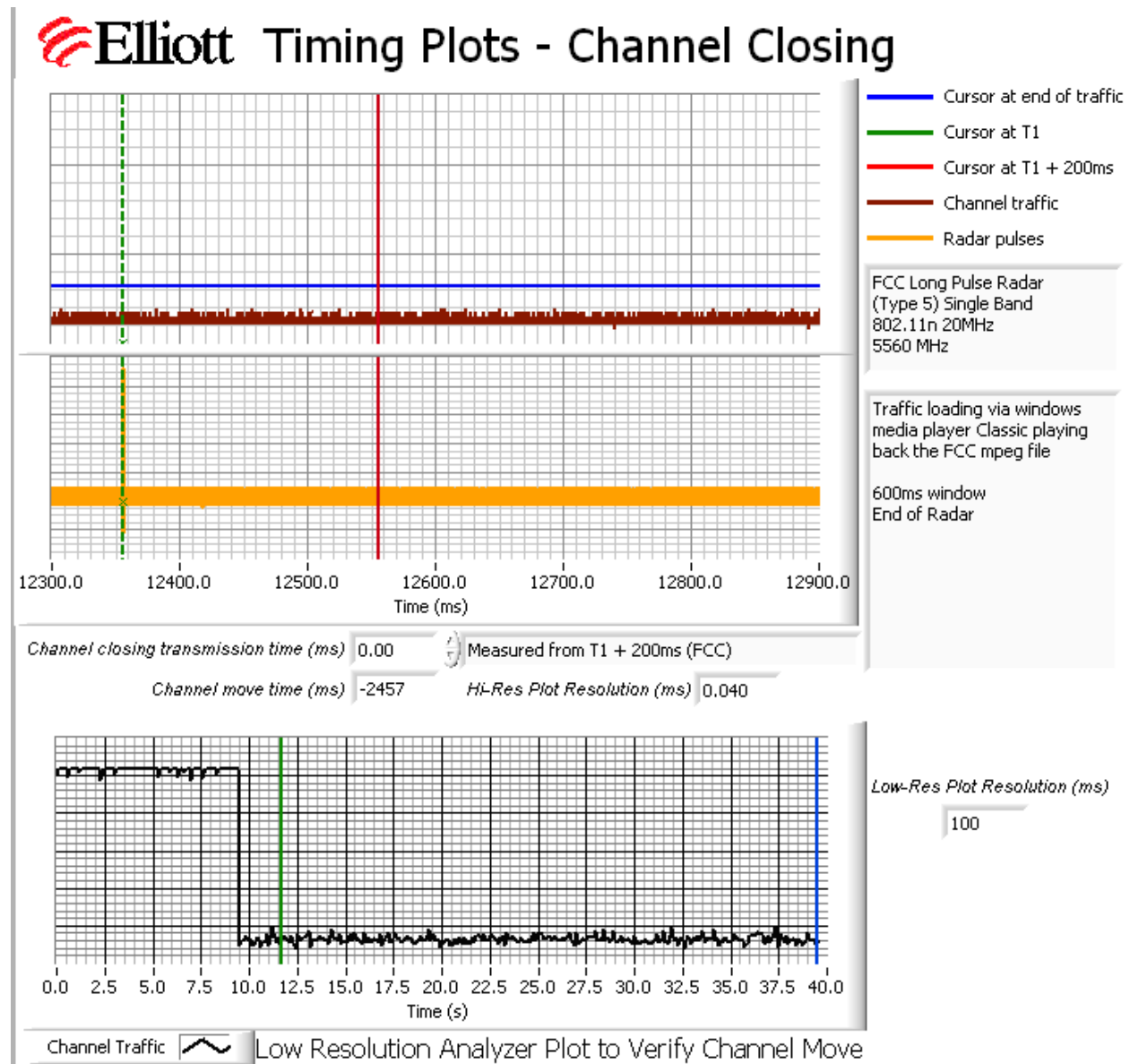


Figure 5 Close-up of Transmissions, 200ms After The End of Radar, Type 5 - Single Band 20MHz

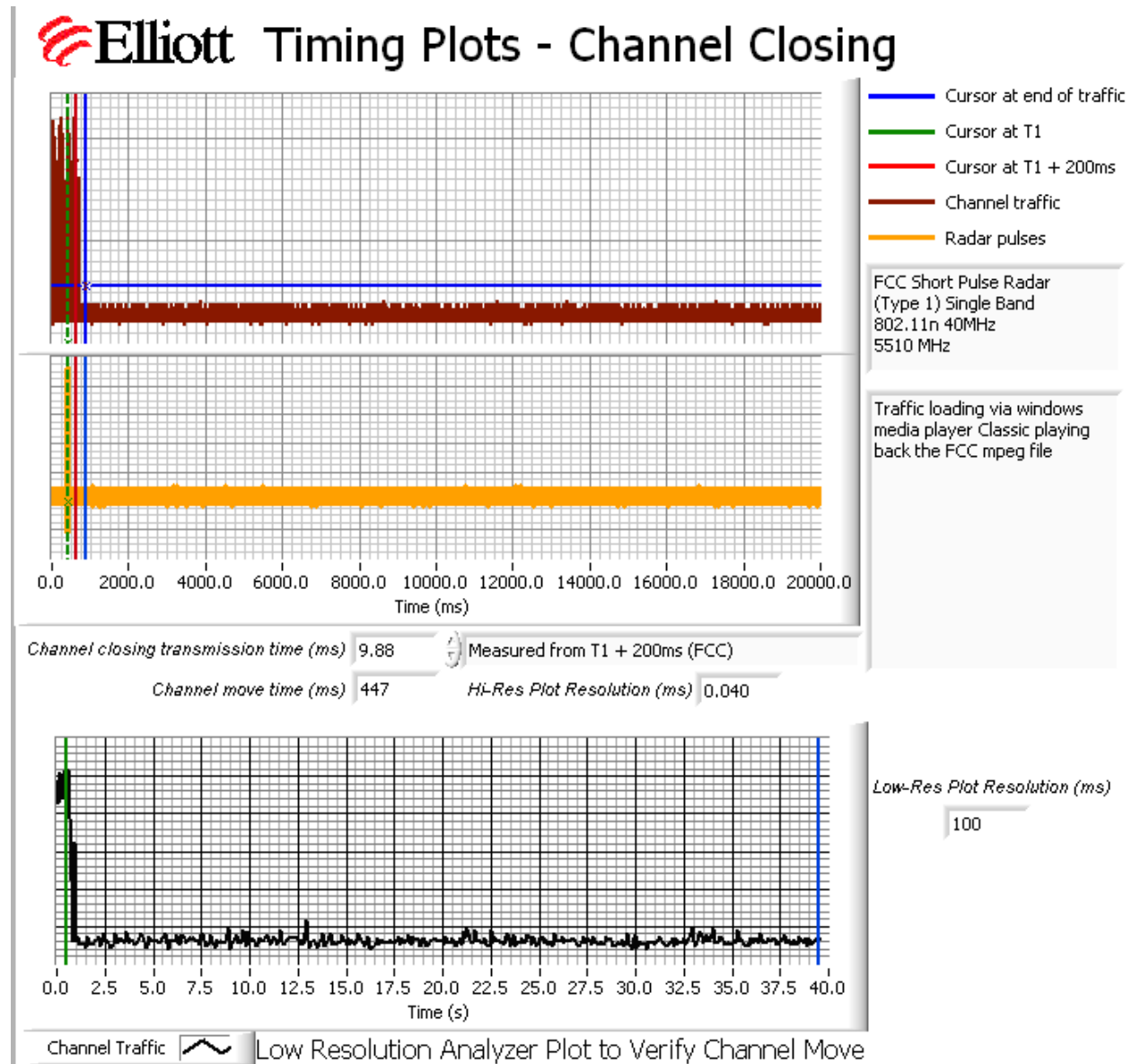


Figure 6 Channel Closing and Channel Move Time, 40 second plot, Type 1 - Single Band 40MHz

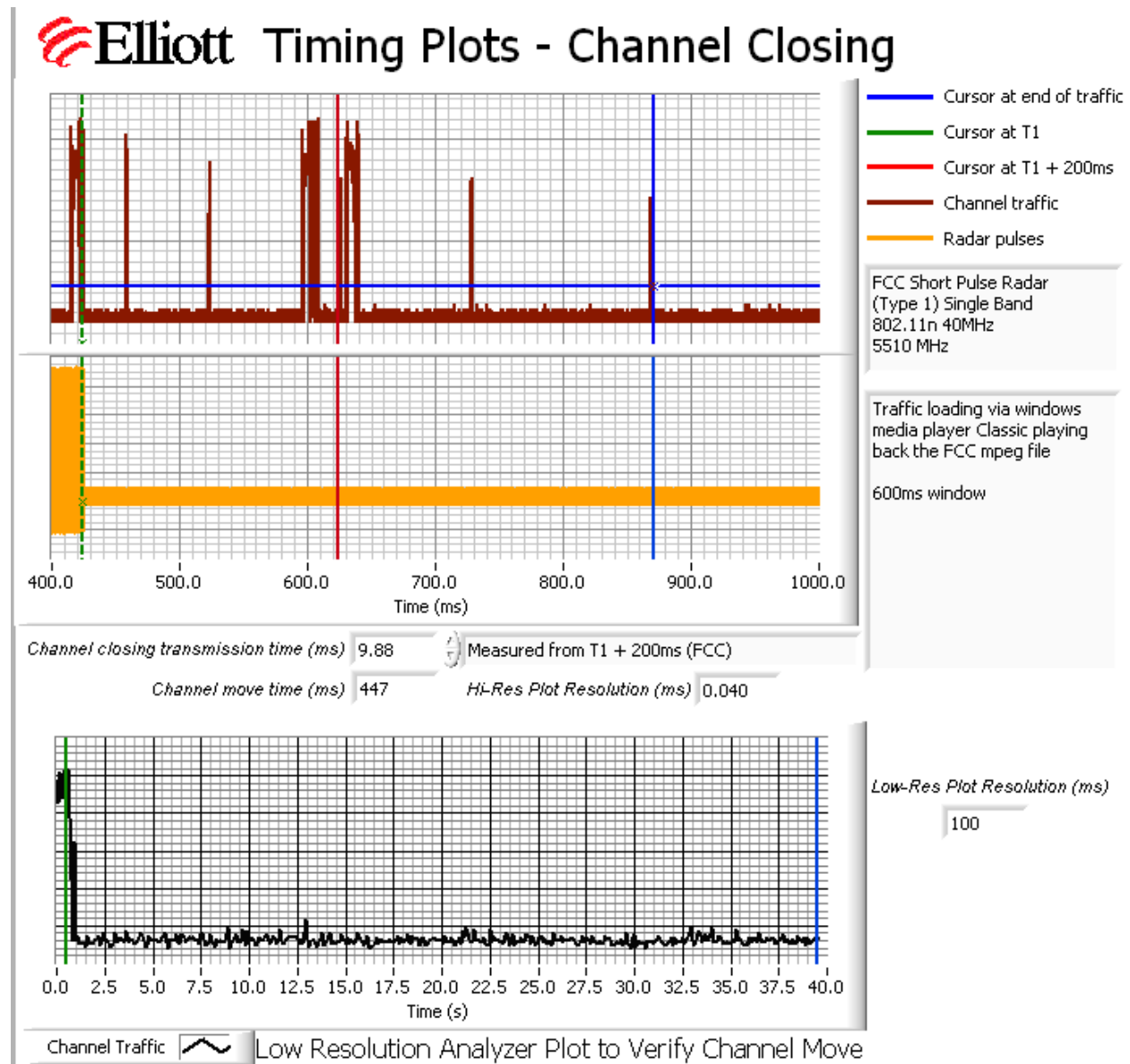


Figure 7 Close-up of Transmissions, 200ms After The End of Radar-- Type 1 - Single Band 40MHz

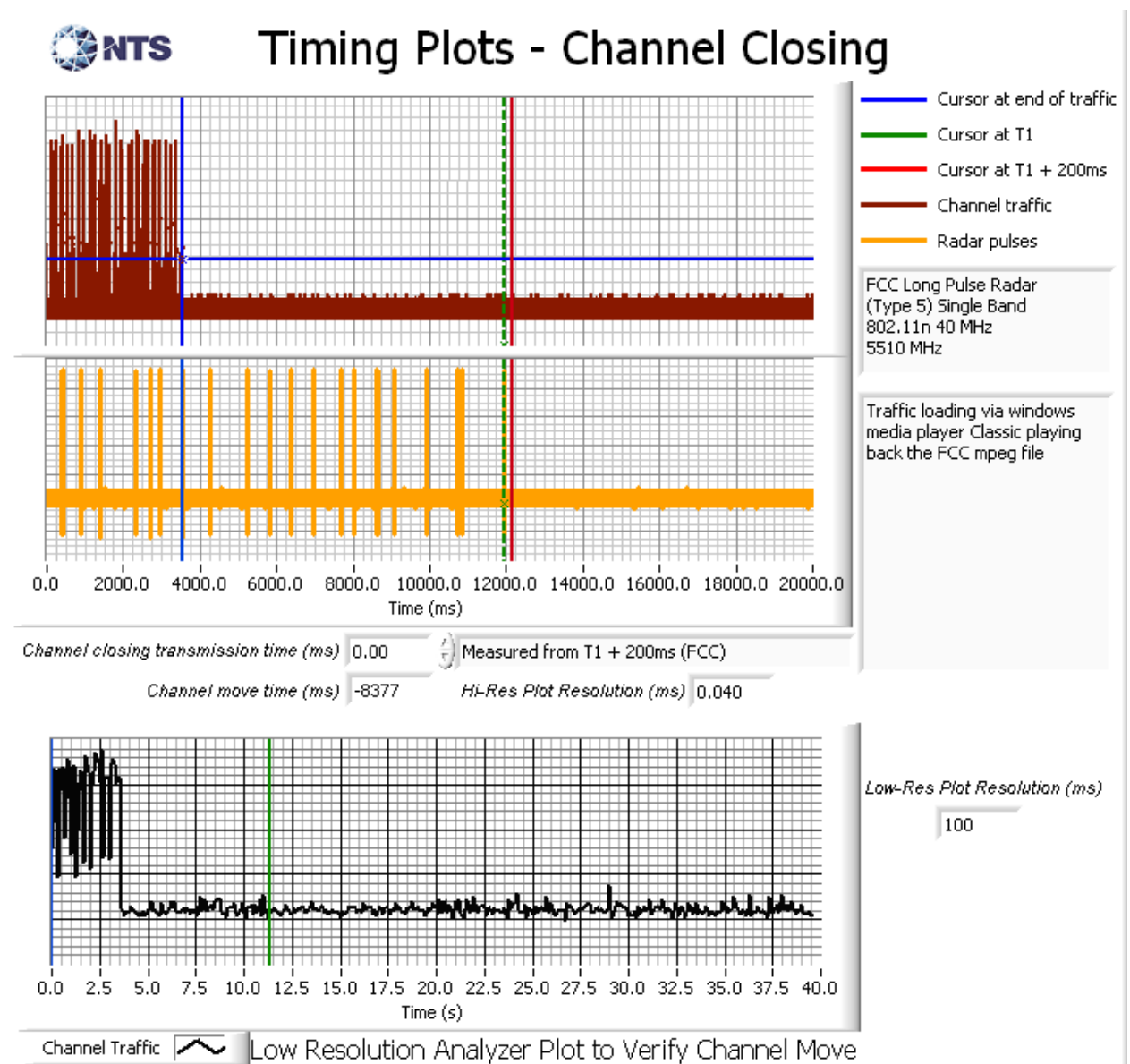


Figure 8 Channel Closing and Channel Move Time, 40 second plot, Type 5 - Single Band 40MHz

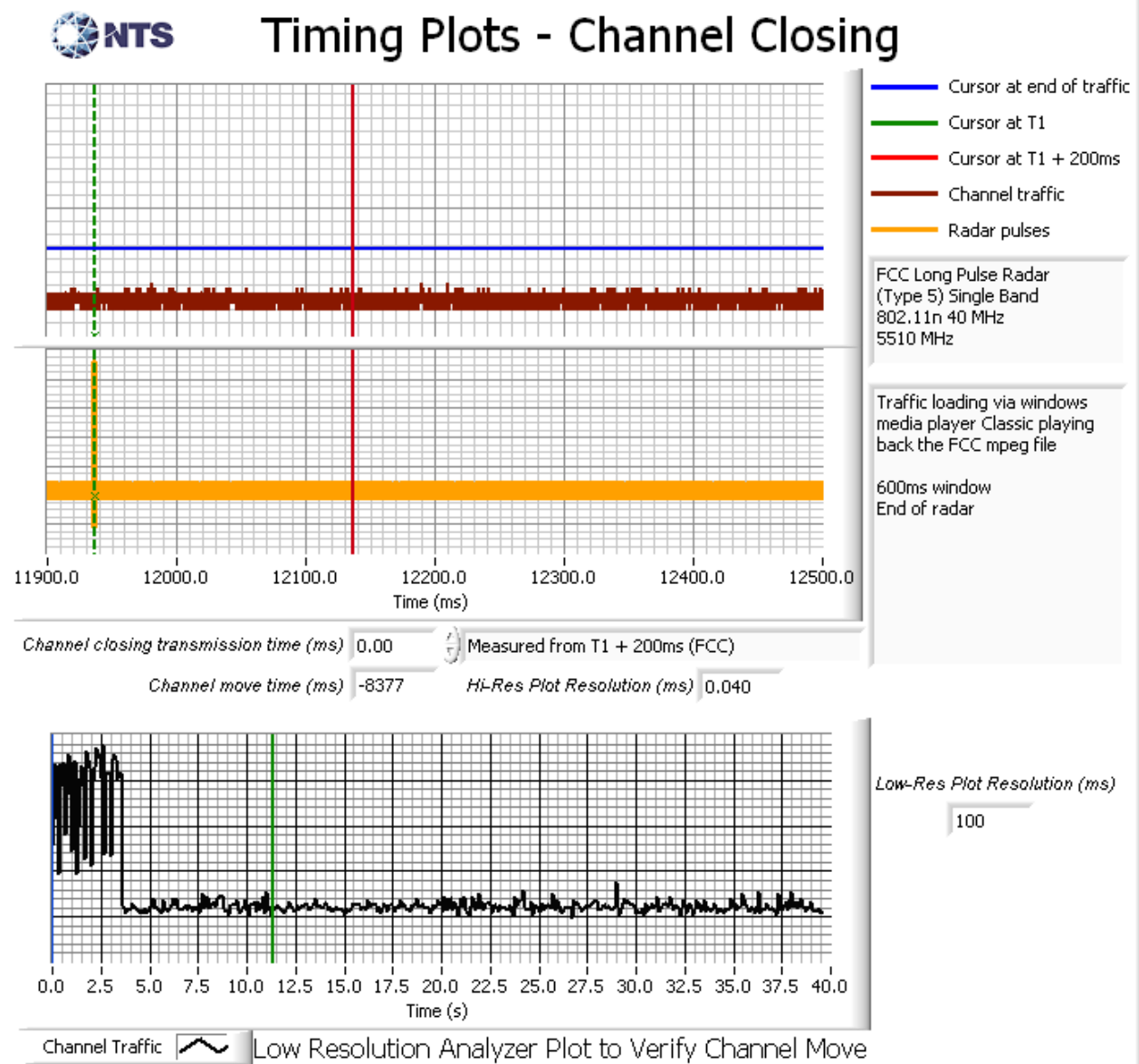


Figure 9 Close-up of Transmissions, 200ms After The End of Radar, Type 5 - Single Band 40MHz

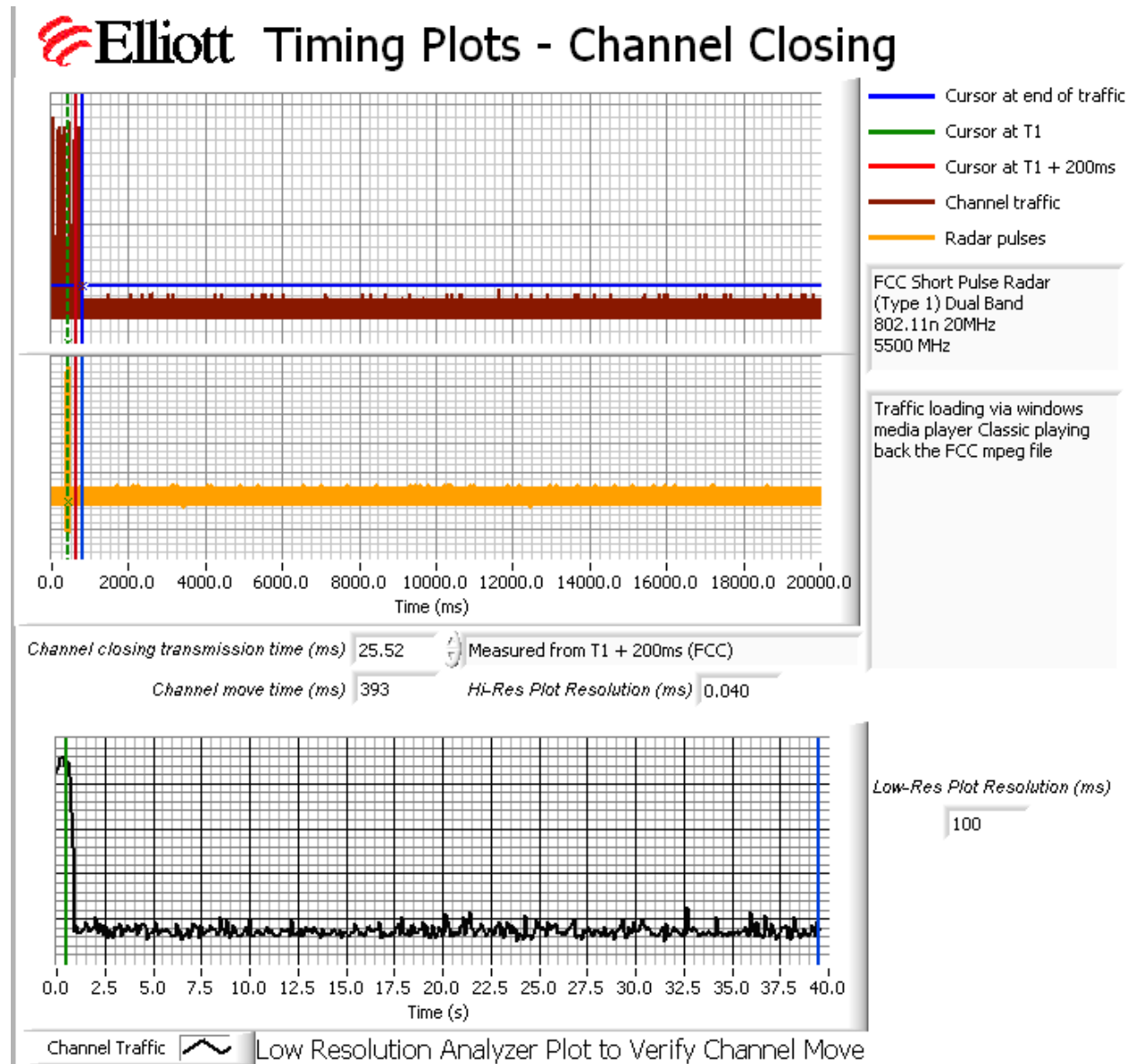


Figure 10 Channel Closing and Channel Move Time, 40 second plot, Type 1 - Dual Band 20MHz

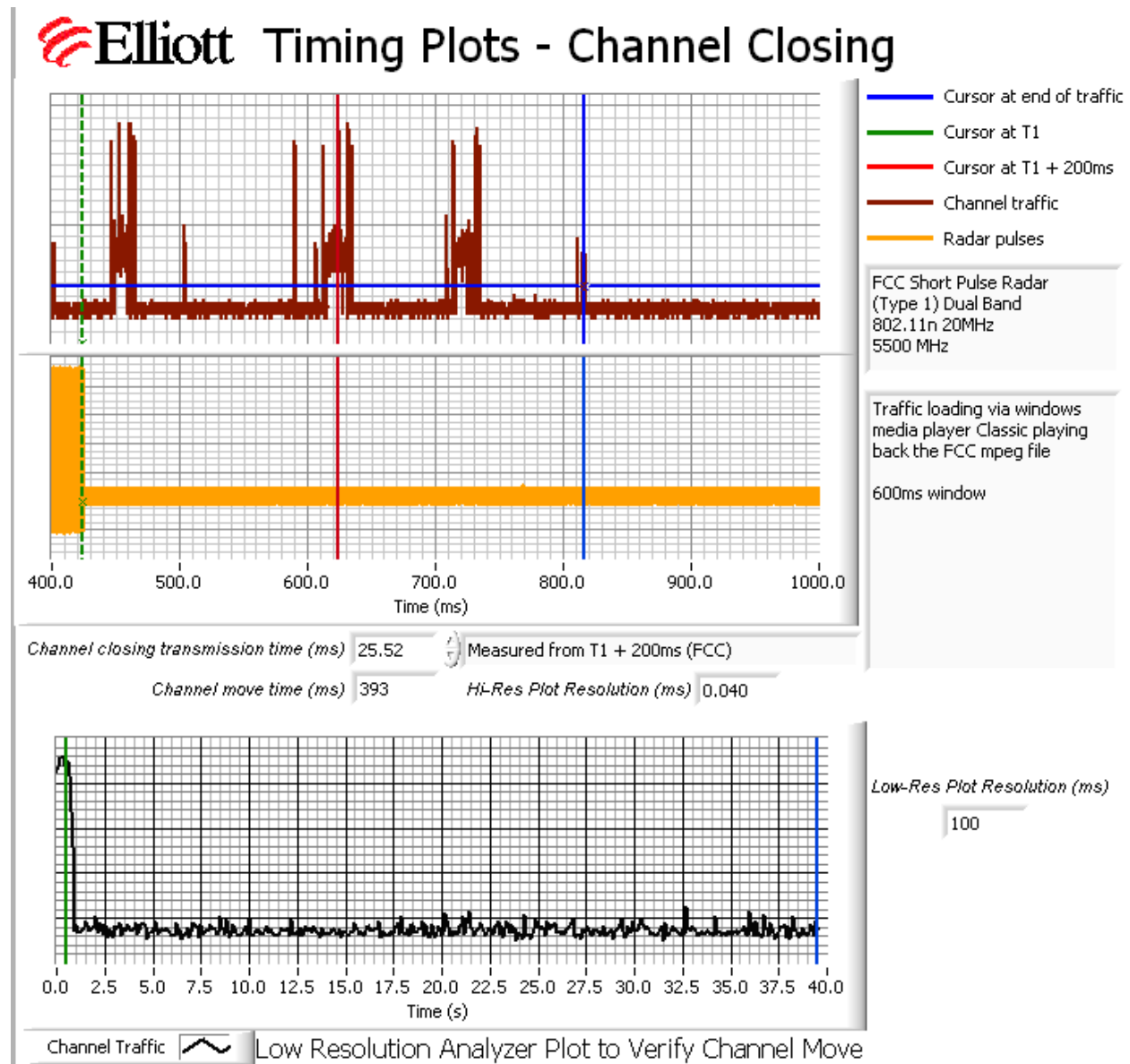


Figure 11 Close-up of Transmissions, 200ms After The End of Radar, Type 1 - Dual Band 20MHz

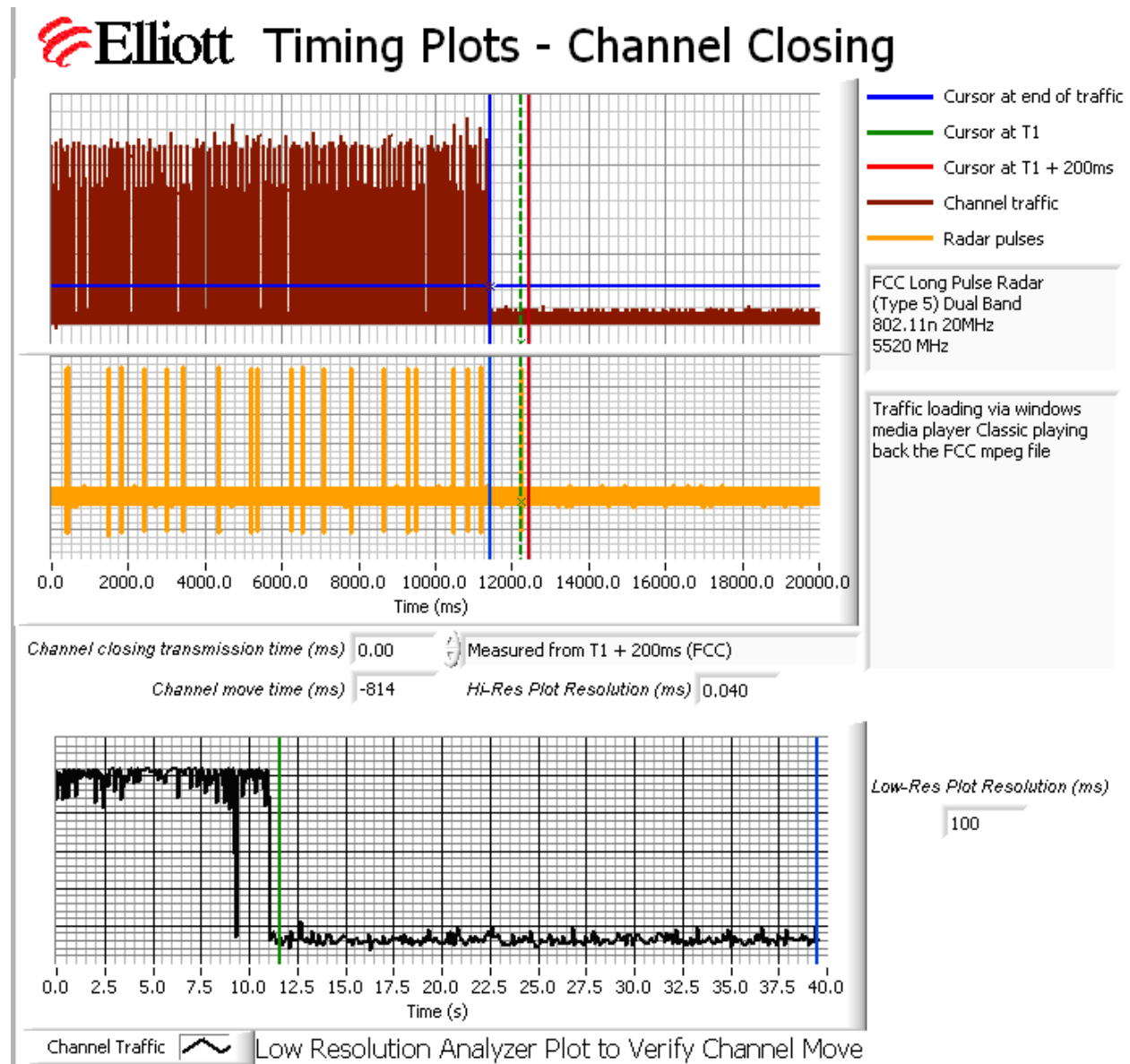


Figure 12 Channel Closing and Channel Move Time, 40 second plot, Type 5 - Dual Band 20MHz

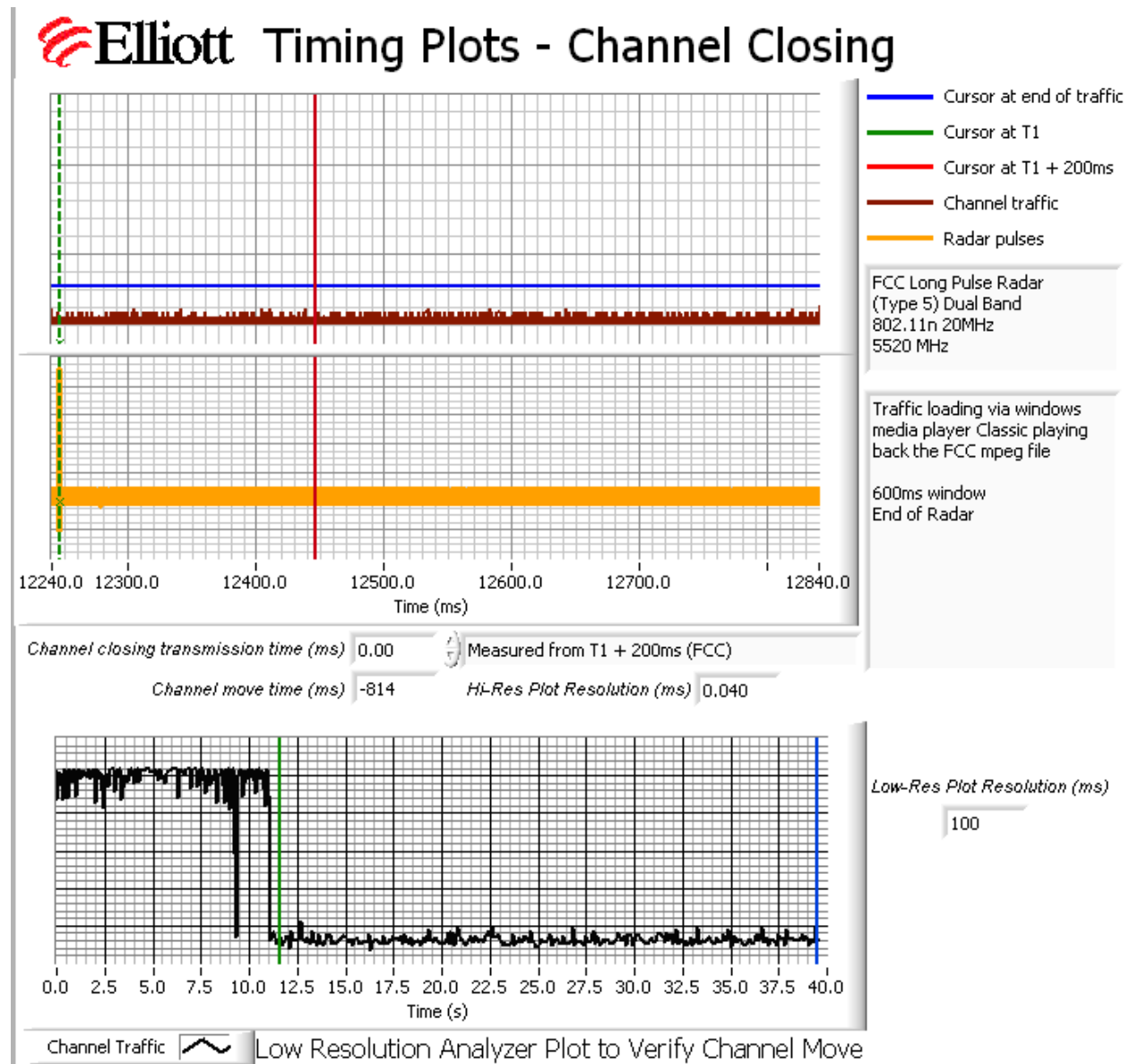


Figure 13 Close-up of Transmissions, 200ms After The End of Radar, Type 5 - Dual Band 20MHz

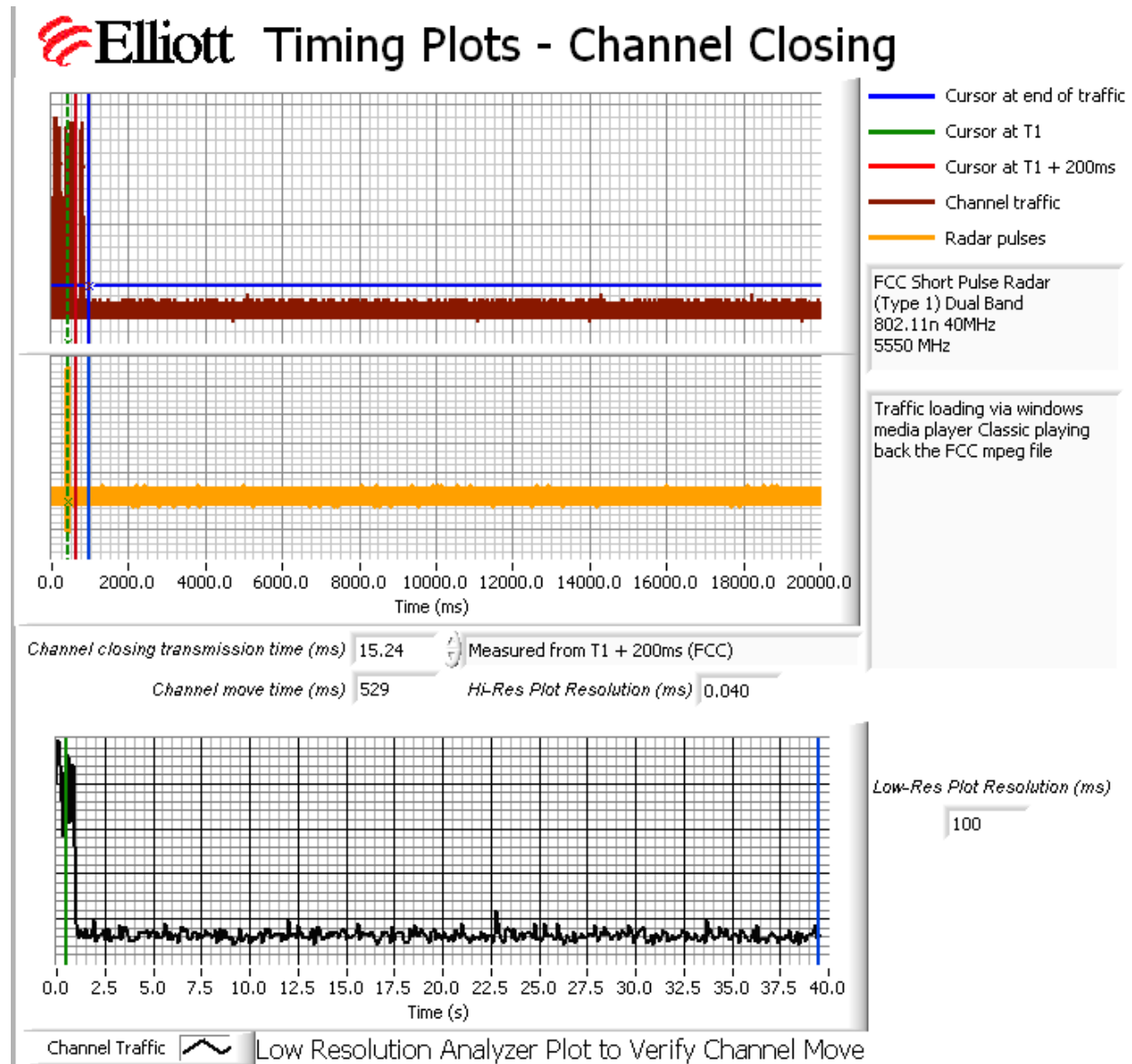


Figure 14 Channel Closing and Channel Move Time, 40 second plot, Type 1 - Dual Band 40MHz

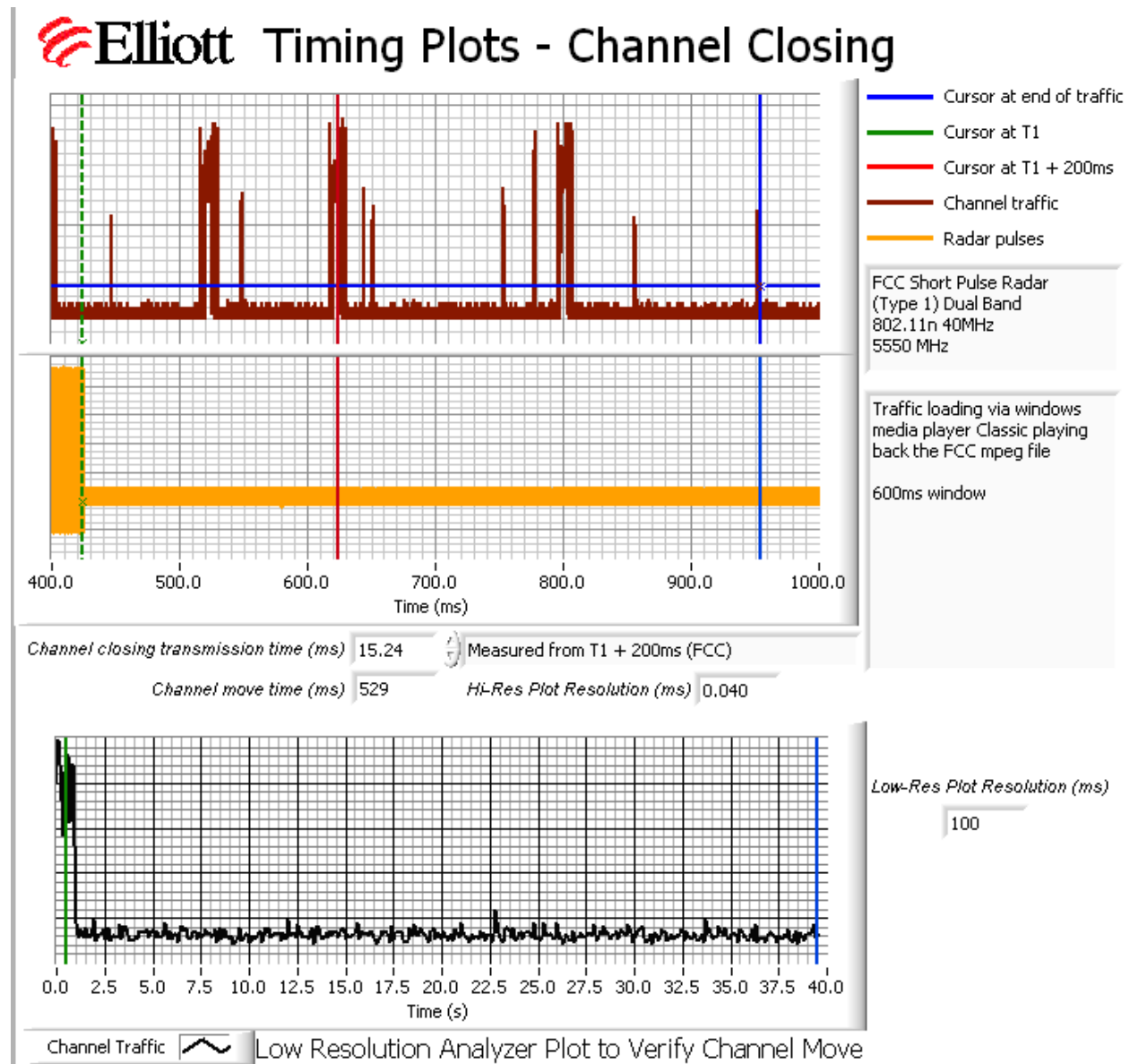


Figure 15 Close-up of Transmissions, 200ms After The End of Radar, Type 1 - Dual Band 40MHz

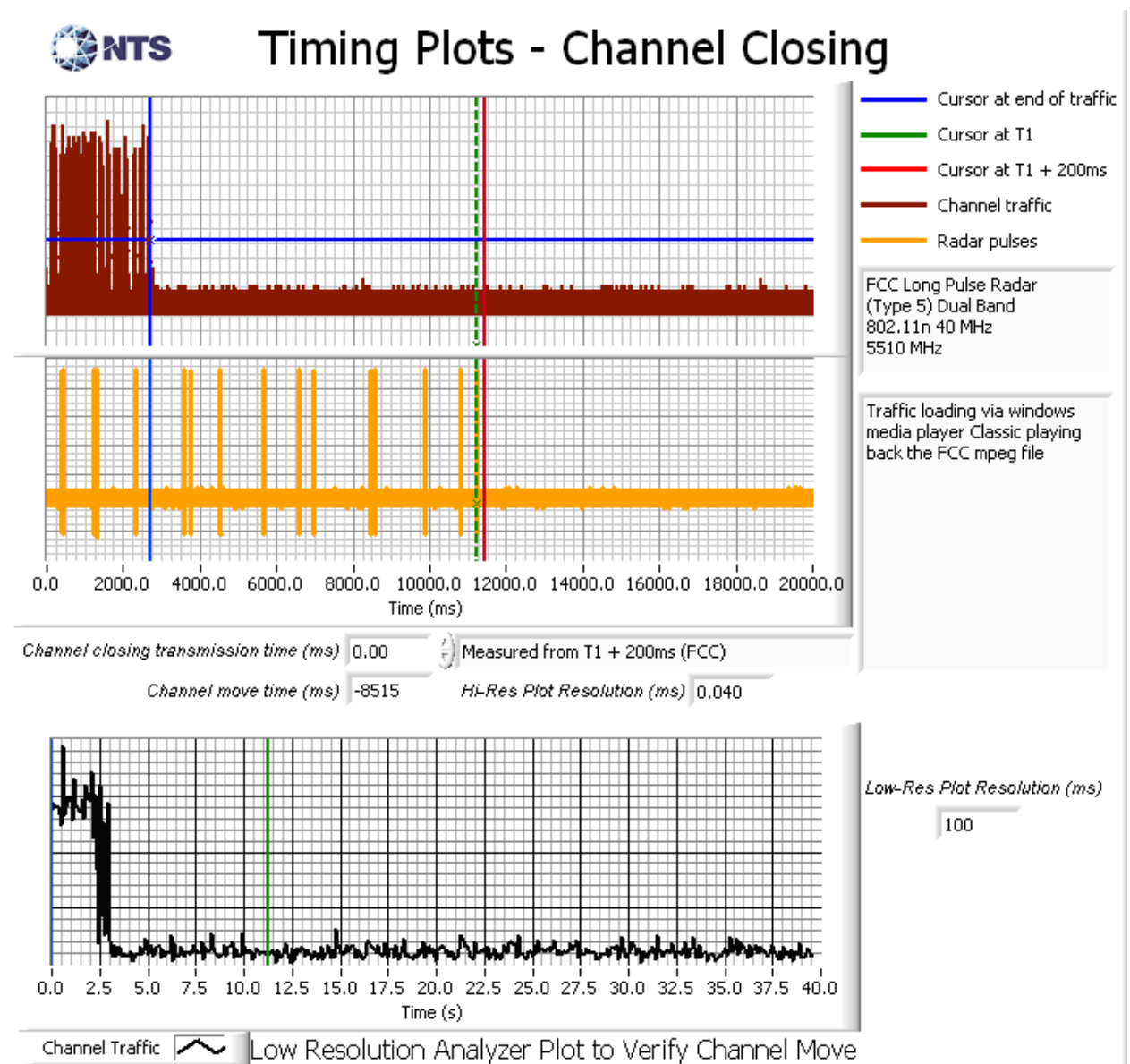


Figure 16 Channel Closing and Channel Move Time, 40 second plot, Type 5 - Dual Band 40MHz

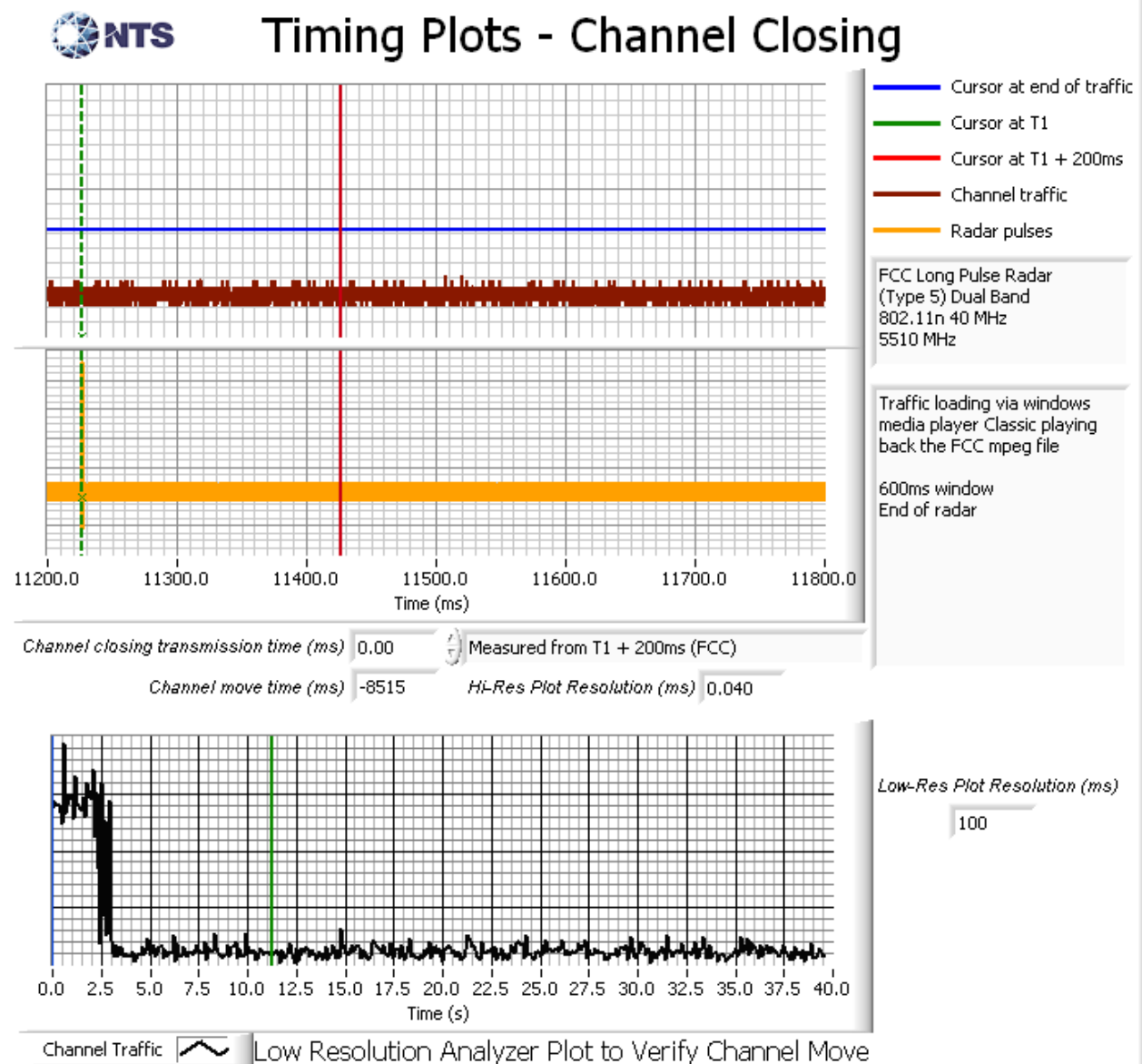


Figure 17 Close-up of Transmissions, 200ms After The End of Radar, Type 5 - Dual Band 40MHz

All the non-occupancy plots were 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.

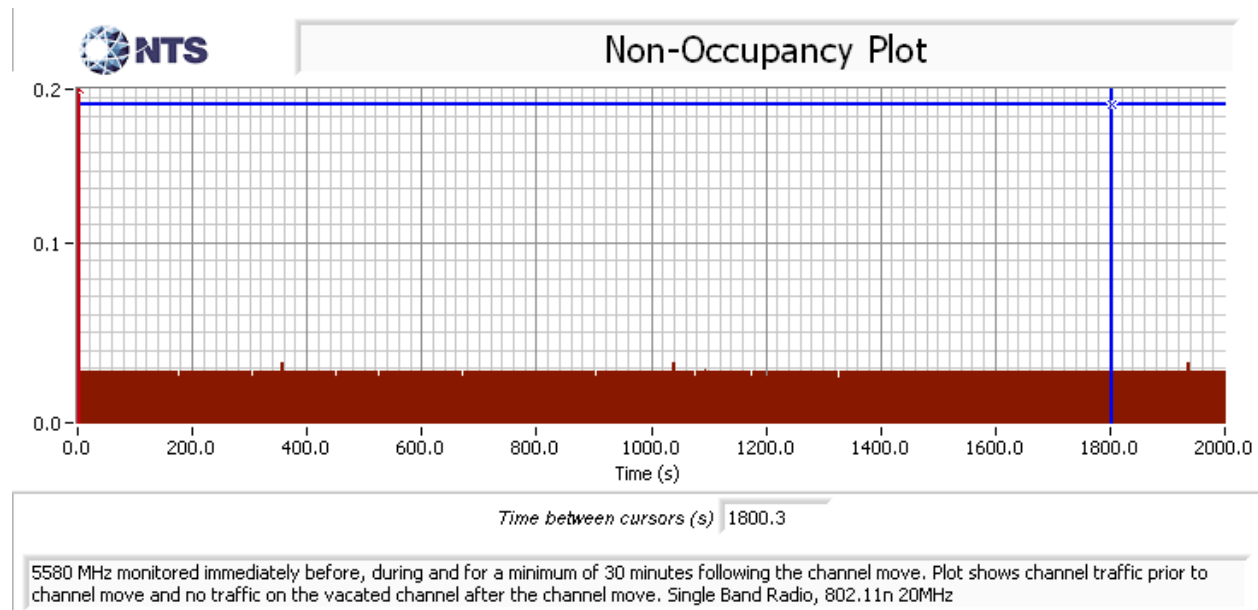


Figure 18 Radar Channel Non-Occupancy Plot – Single Band 20MHz

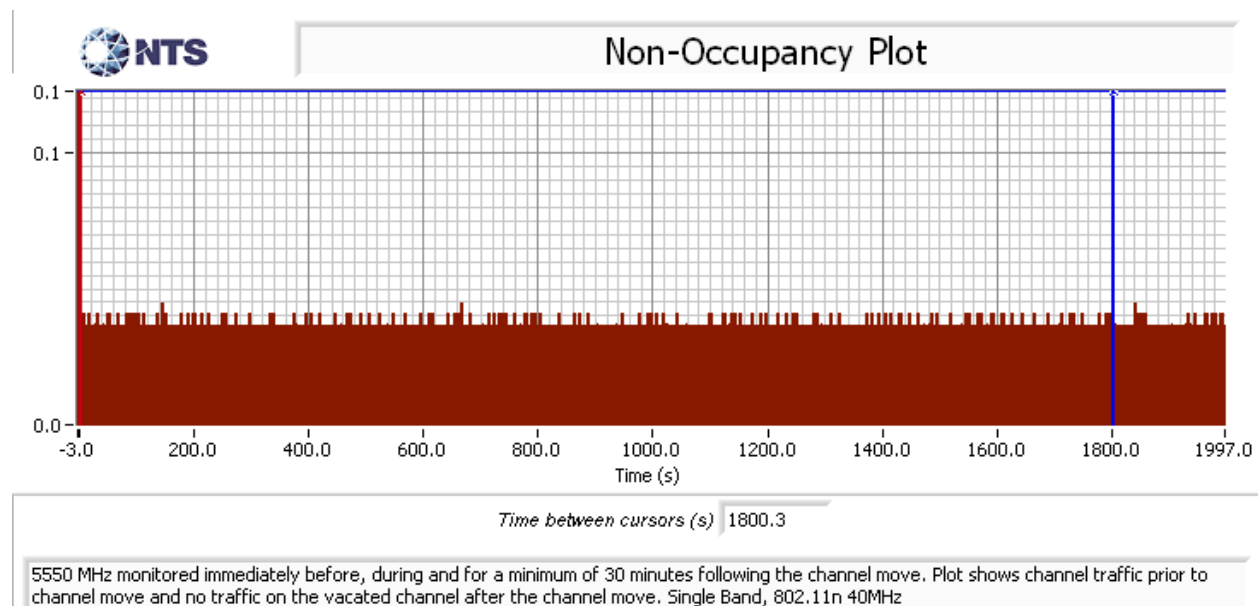


Figure 19 Radar Channel Non-Occupancy Plot – Single Band 40MHz

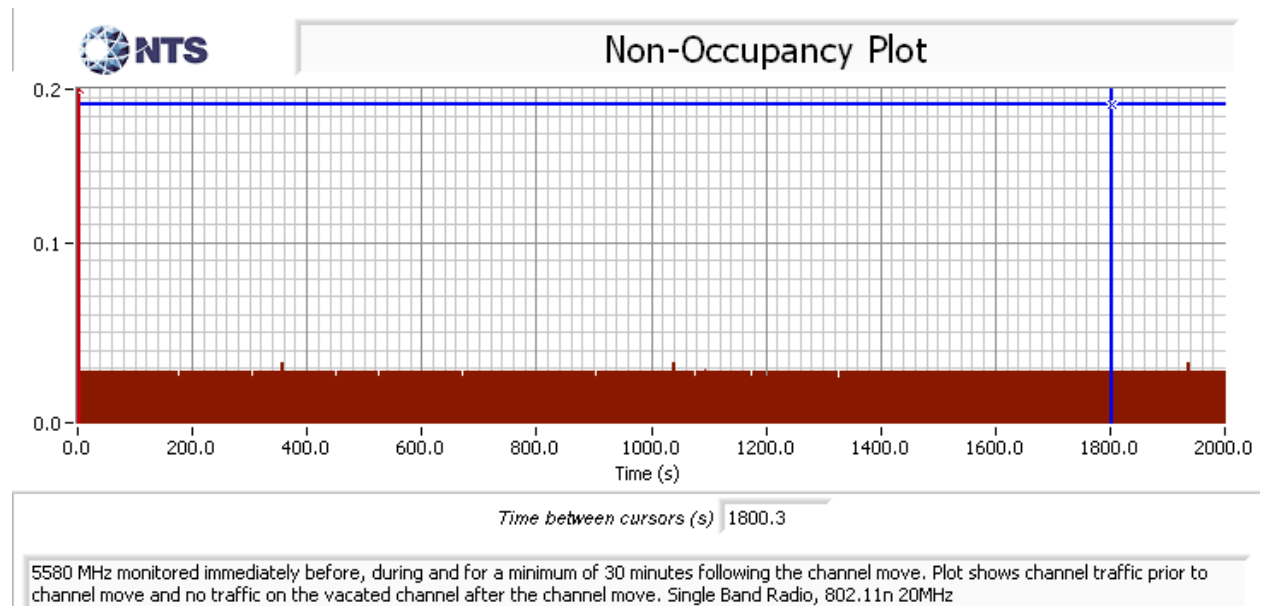


Figure 20 Radar Channel Non-Occupancy Plot – Dual Band 20MHz

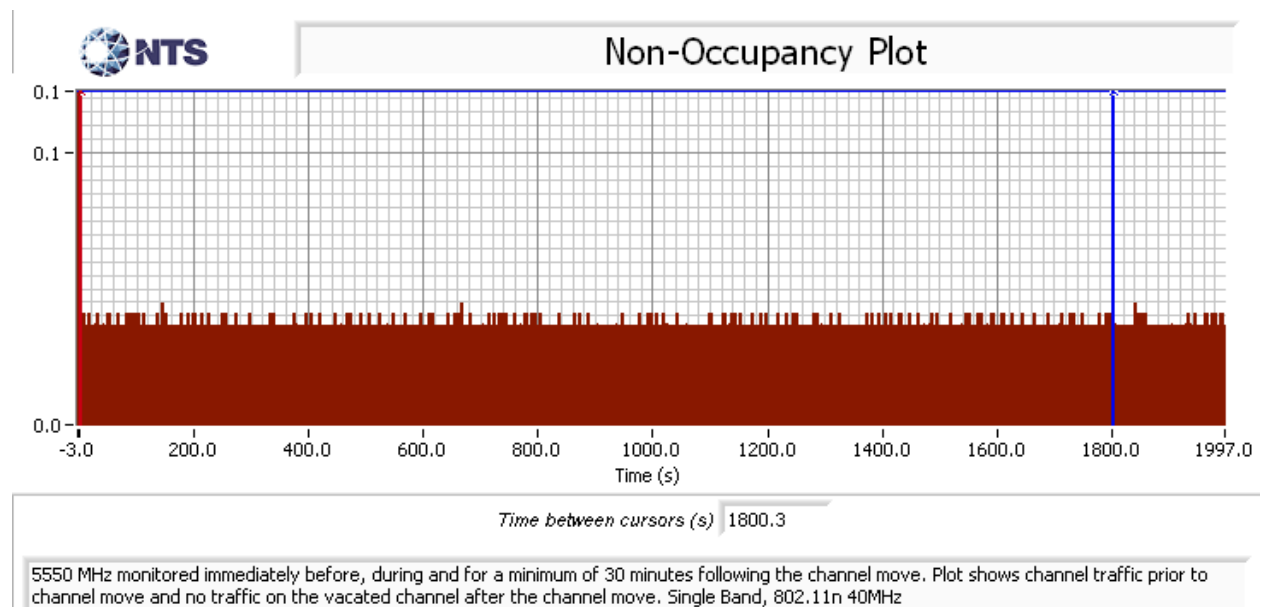


Figure 21 Radar Channel Non-Occupancy Plot – Dual Band 40MHz

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.

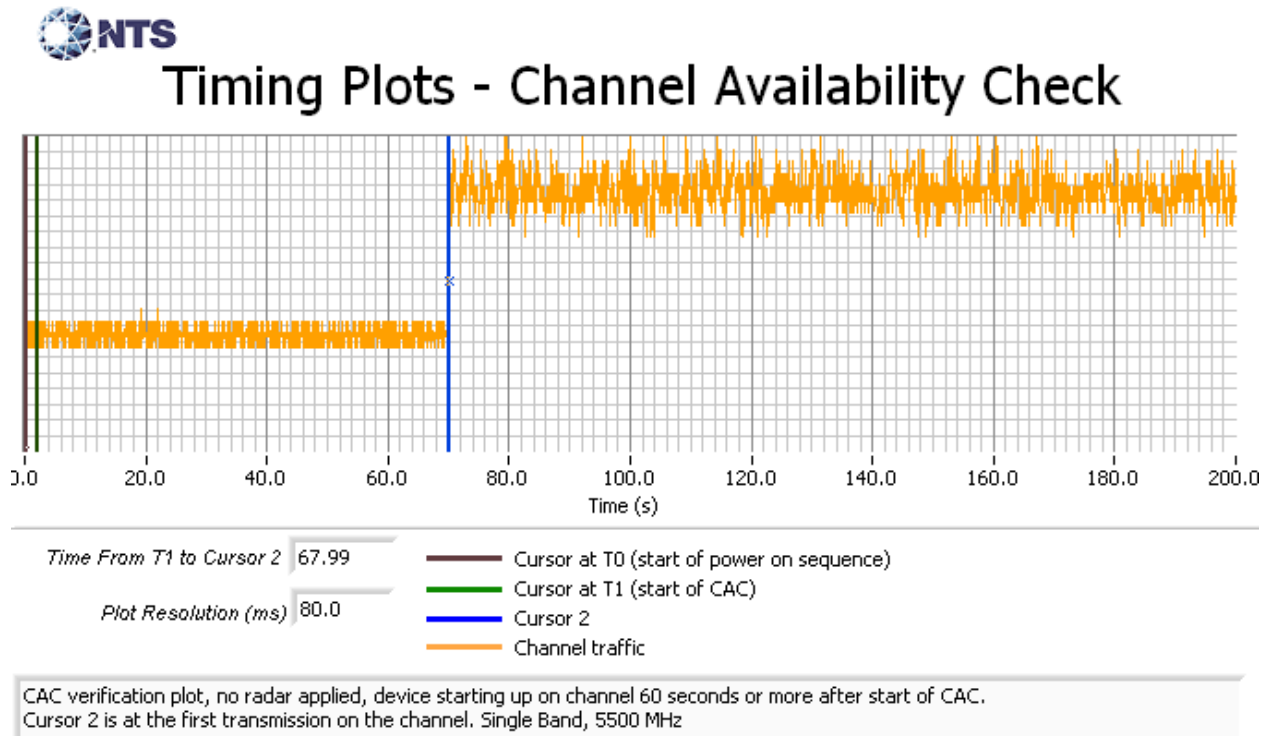


Figure 22 Plot of EUT Start-Up After CAC – Single Band



Timing Plots - Channel Availability Check

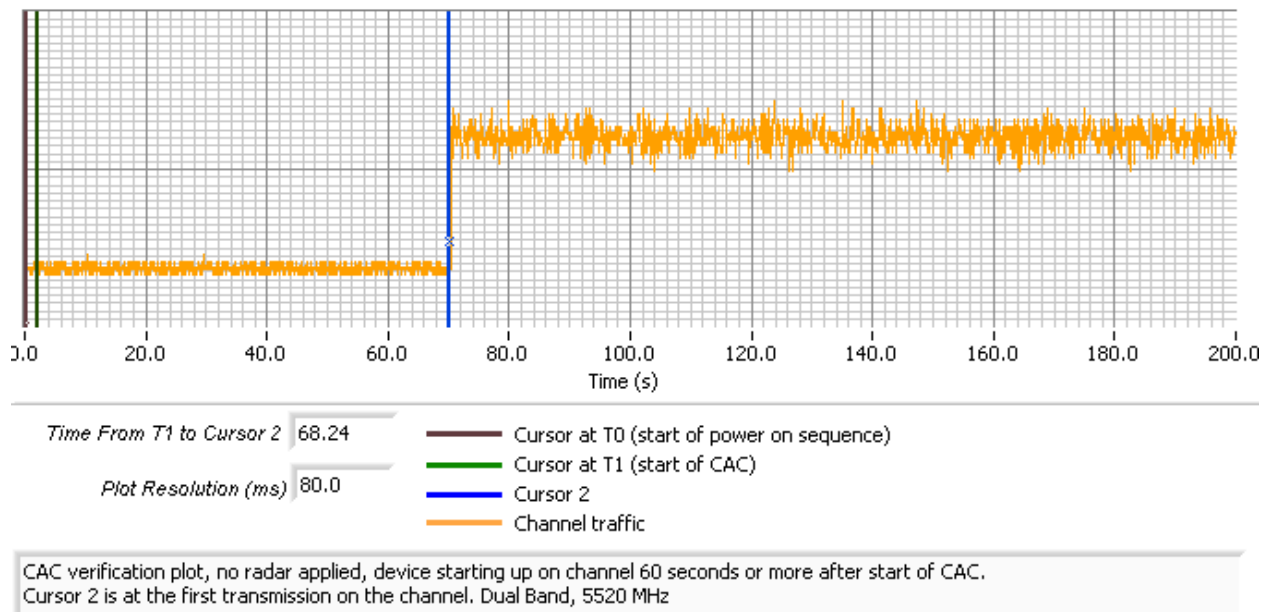


Figure 23 Plot of EUT Start-Up After CAC – Dual Band

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

The level of the radar signal applied was -63dBm. Measurements were made on channel 100 and 104 (5500MHz and 5520 MHz).

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

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



Timing Plots - Channel Availability Check

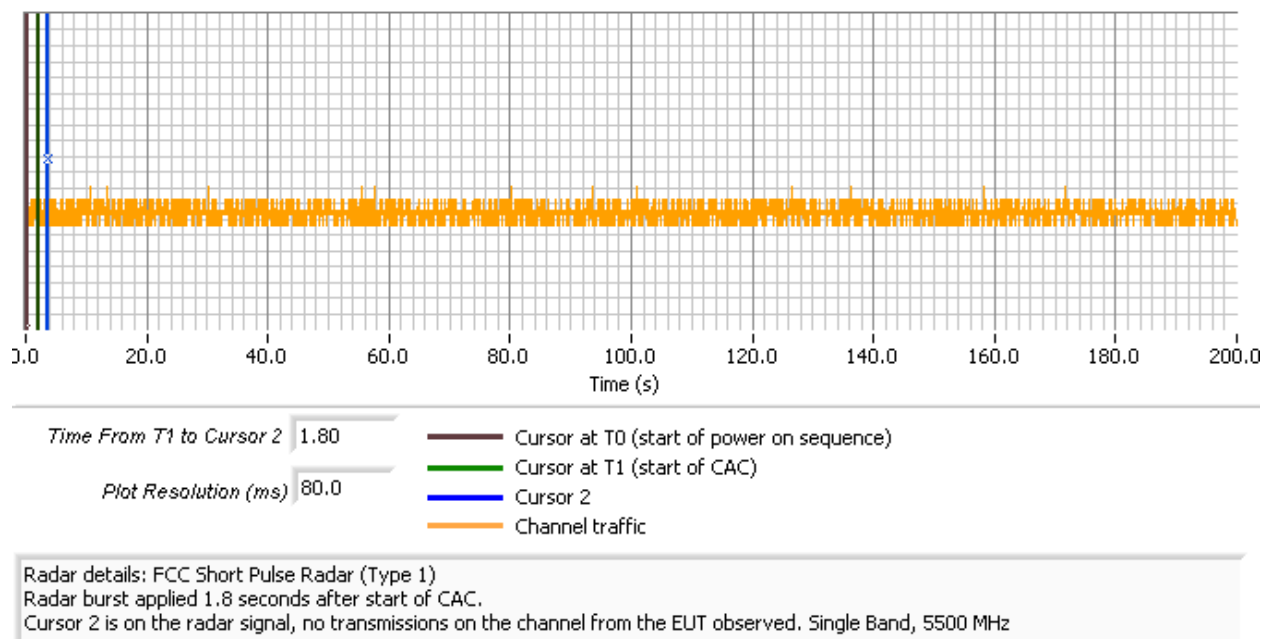


Figure 24 Radar Applied At Start of CAC – Single Band



Timing Plots - Channel Availability Check

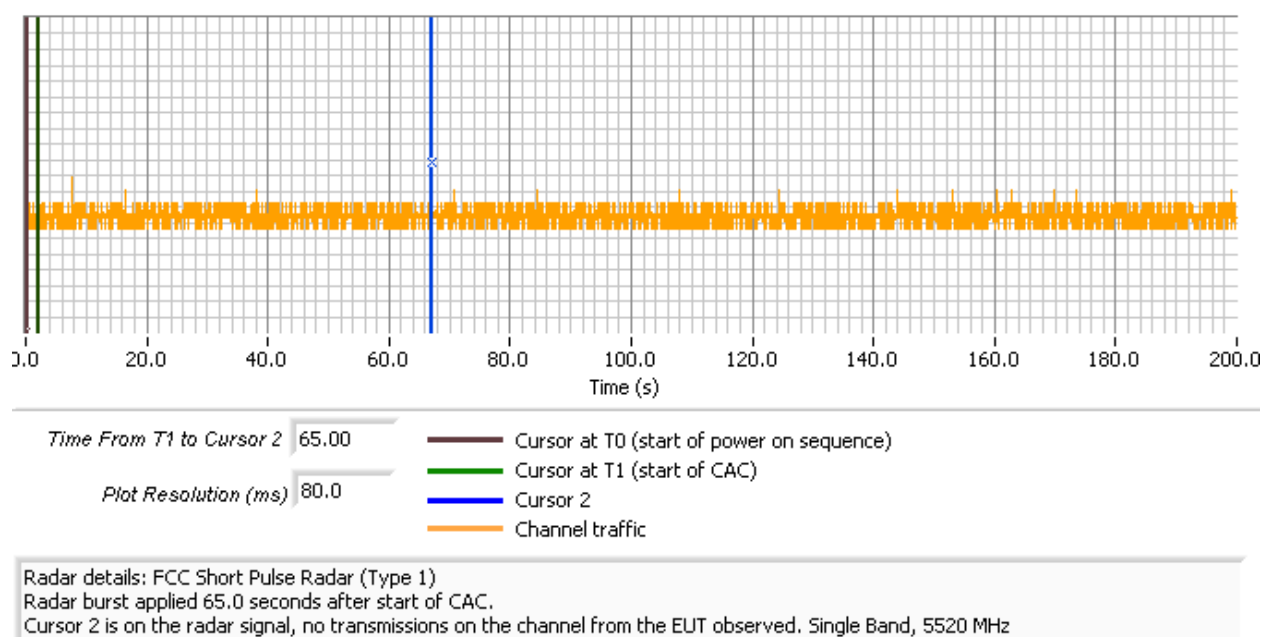


Figure 25 Radar Applied At End of CAC – Single Band



Timing Plots - Channel Availability Check

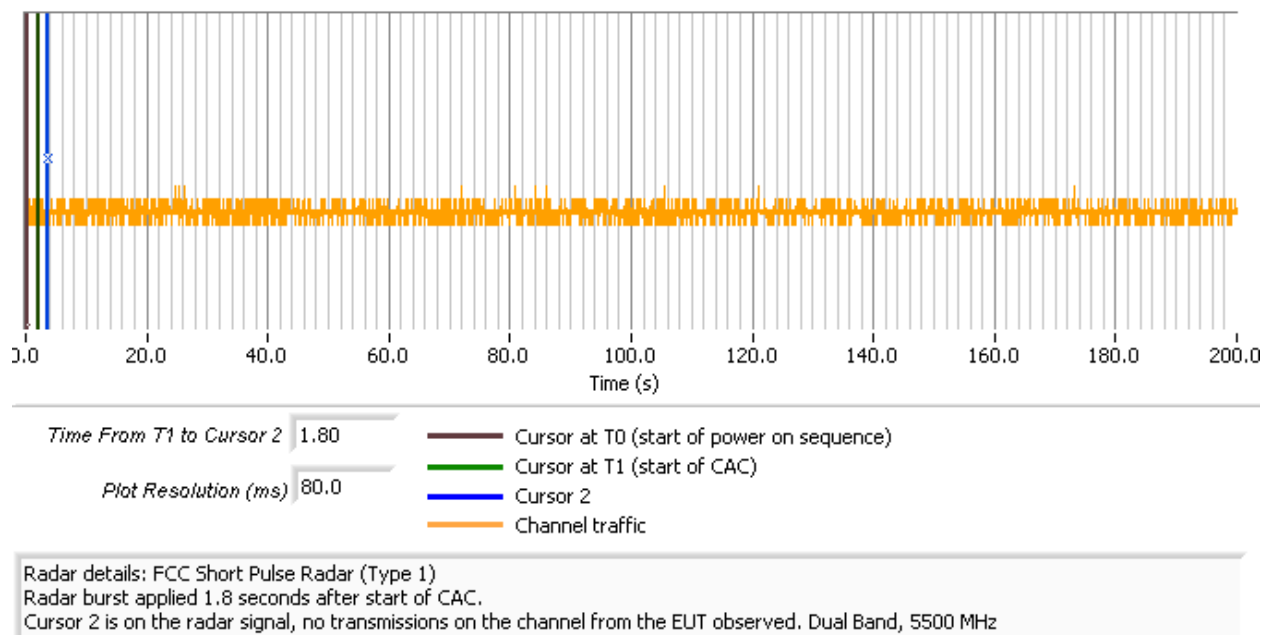


Figure 26 Radar Applied At Start of CAC – Dual Band



Timing Plots - Channel Availability Check

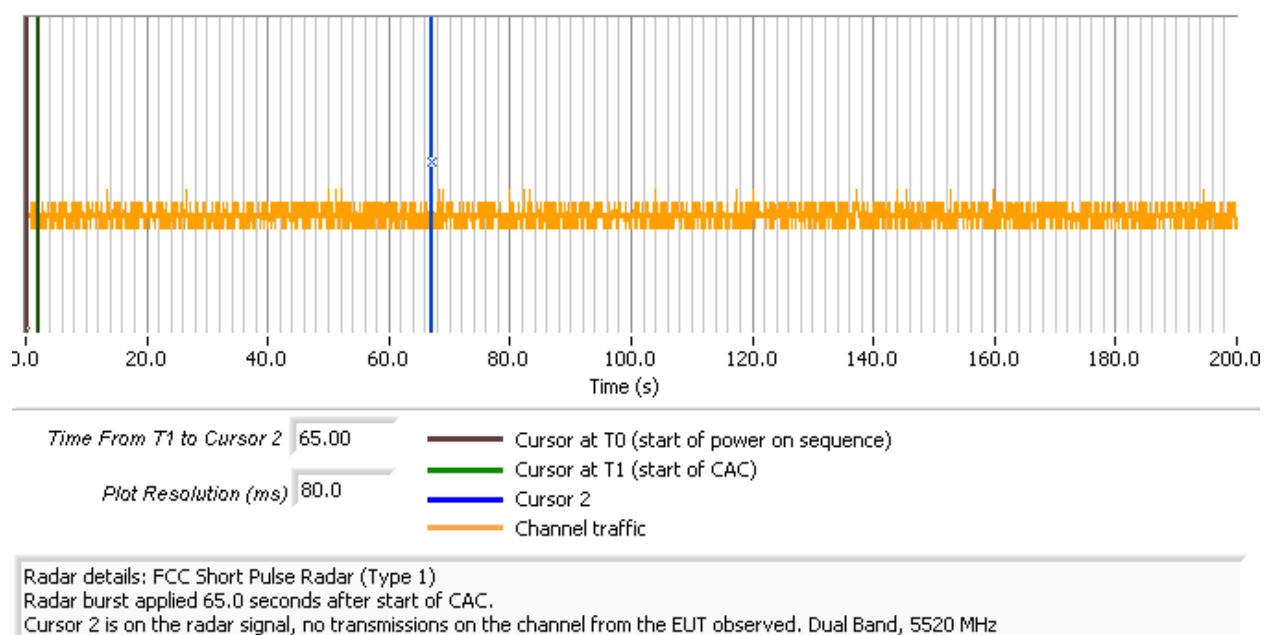


Figure 27 Radar Applied At End of CAC – Dual Band

Appendix E Antenna Specification



Xirrus XR500 Antenna Patterns

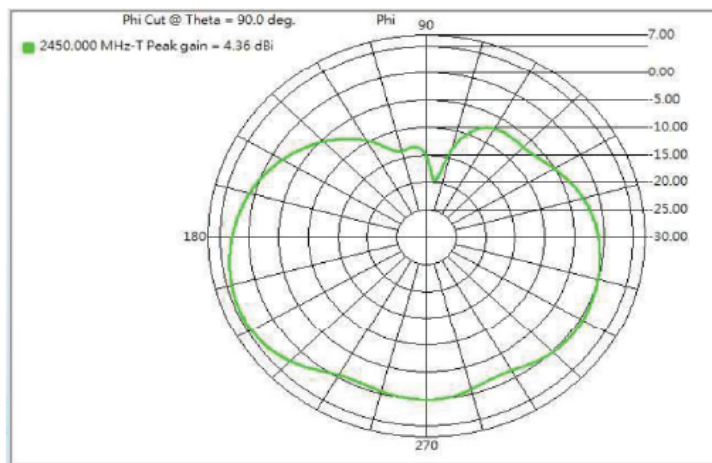
March 2013

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XR500 – 2.4GHz

2D Radiation Pattern XY

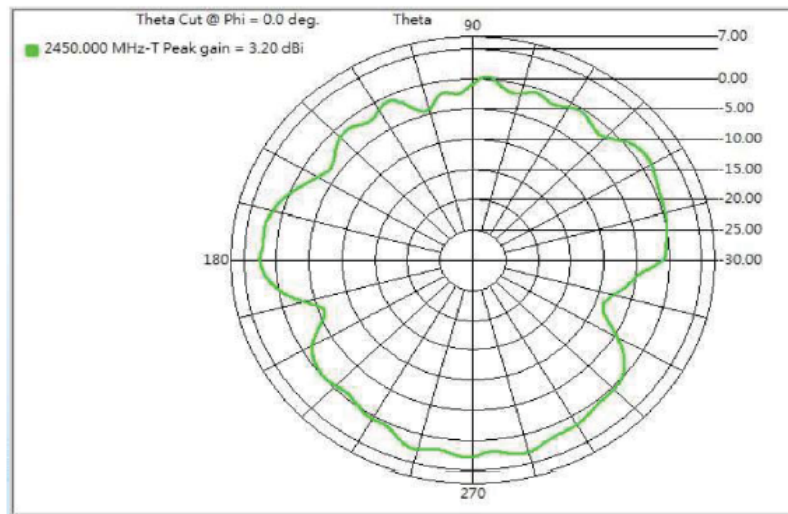
2.45GHz



XR500 – 2.4GHz

2D Radiation Pattern XZ

2.45GHz



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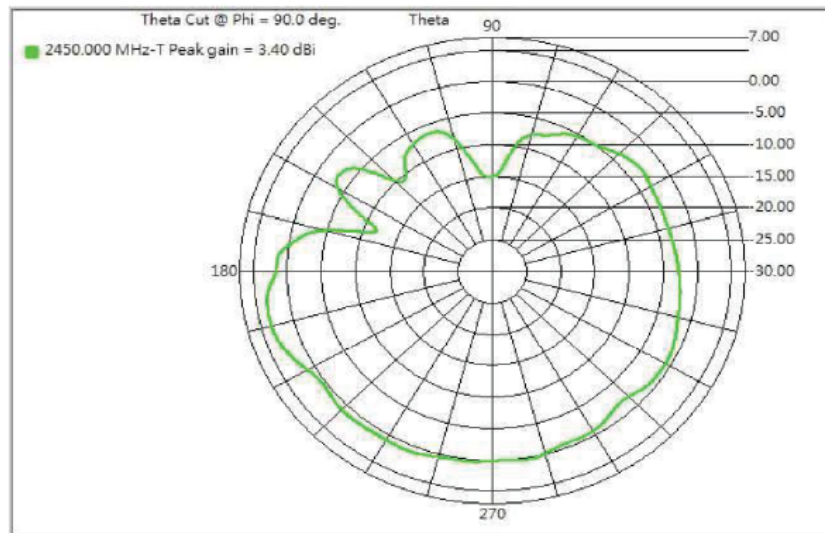


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XR500 – 2.4GHz

2D Radiation Pattern YZ

2.45GHz



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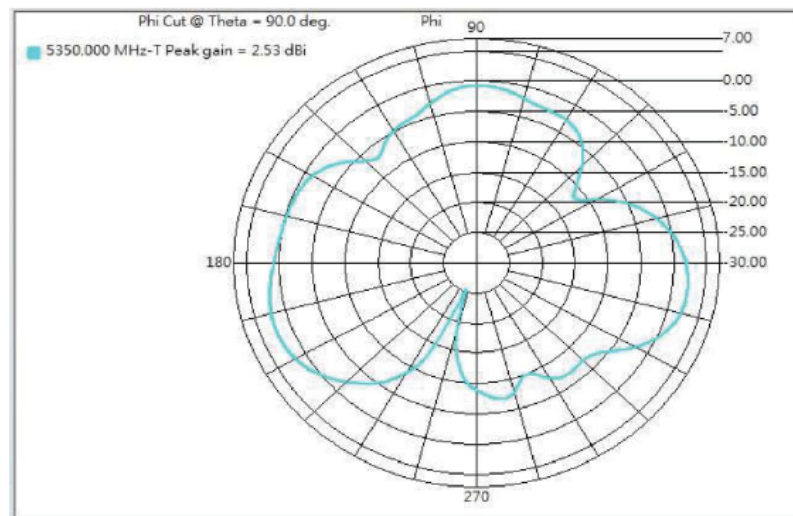


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XR500 – 5GHz

2D Radiation Pattern XY

5.35GHz



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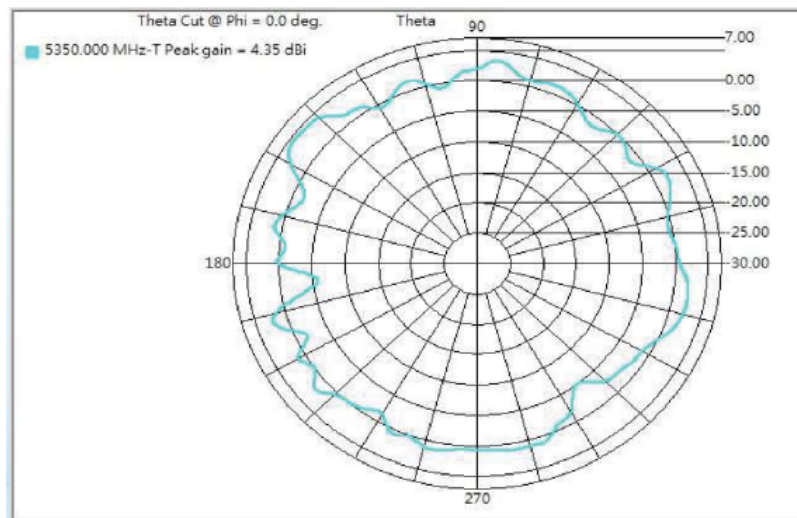


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XR500 – 5GHz

2D Radiation Pattern XZ

5.35GHz



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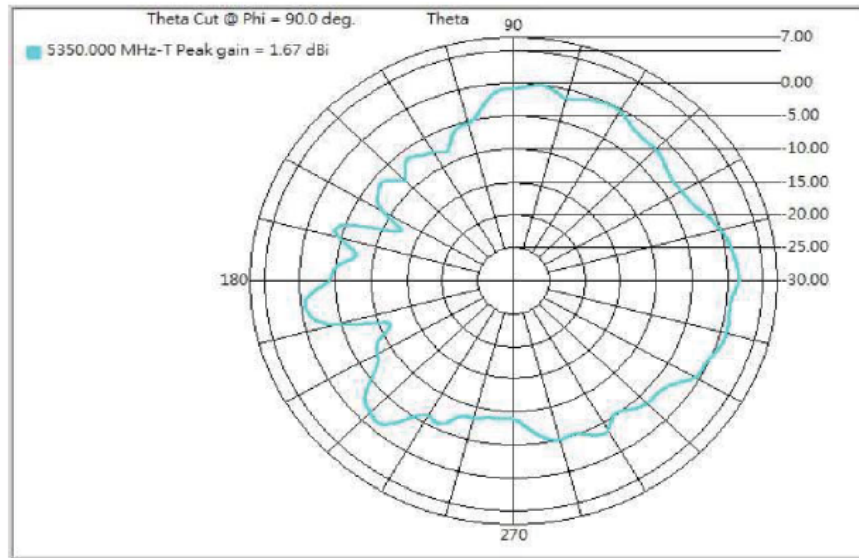


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XR500 – 5GHz

2D Radiation Pattern YZ

5.35GHz



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Appendix F Test Configuration Photograph(s)

