

## **TEST REPORT**

### **Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF**

**FCC Part 15 Subpart E (UNII), RSS-247**

**Redline Communications  
Model(s): RDL-3100-RMA**

IC CERTIFICATION #: 4310A-RDL3100RMA  
FCC ID: QC8-RDL3100RMA

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**VALIDATING SIGNATORIES**

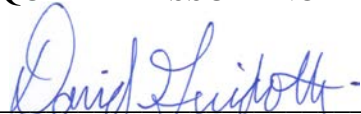
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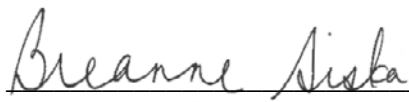
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## SCOPE

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-247 Local Area Network Devices.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein including FCC KDB 905462 D02 and FCC KDB 905462 D03 as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Redline Communications model RDL-3100-RMA and therefore apply only to the tested sample. The sample was selected and prepared by Nada Bajramovic-Bespalko of Redline Communications.

## 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 Redline Communications model RDL-3100-RMA complied with the DFS requirements of FCC Part 15.407(h)(2), RSS-247.

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**

<b>Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (10MHz)</b>						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5500MHz	-64 dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	5500MHz	8.6 MHz	100% of the 99% BW – 8.2MHz (Note 4)	Appendix B	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 10 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band. 4) The 99% bandwidth test results are contained within a separate RF test report.						

<b>Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz)</b>						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5500MHz	-64 dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	5500MHz	16.8 MHz	100% of the 99% BW – 16.4MHz (Note 4)	Appendix B	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 10 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band. 4) The 99% bandwidth test results are contained within a separate RF test report.						

<b>Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz)</b>						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 0	5500MHz	>60s	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 0	5500MHz	-63 dBm (note 2)	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5500MHz	-63 dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	5500MHz	33.0 MHz	100% of the 99% BW – 33MHz (Note 4)	Appendix B	Pass
Channel closing transmission time	Type 0	5500MHz	0ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 0	5500MHz	46ms	≤ 10s	Appendix C	Pass
Non-occupancy period	Type 0	5500MHz	>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 measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 10 dBi. The limit is based on an eirp of more than 23 dBm.  
 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.  
 4) The 99% bandwidth test results are contained within a separate RF test report.

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

<b>Table 4 - FCC Part 15 Subpart E Client Device Test Result Summary</b>						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel closing transmission time	Type 0	5500MHz	0ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 0	5500MHz	40ms	≤ 10s	Appendix C	Pass
Non-occupancy period - associated	Type 0	5500MHz	>30 minutes	> 30 minutes	Appendix C	Pass
Passive Scanning	N/A	N/A	Refer to manufacturer attestation			

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

**MEASUREMENT UNCERTAINTIES**

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

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

**EQUIPMENT UNDER TEST (EUT) DETAILS**

**GENERAL**

The Redline Communications model RDL-3100-RMA is a 2x2 MIMO point to point (PTP) and point to multipoint (PMP) carrier grade broadband wireless infrastructure product, designed to operate in the 5.25-5.35GHz and 5.47-5.725GHz bands. The EUT was treated as table-top equipment during testing to simulate the end-user environment. The electrical rating of the EUT is 55V DC, 0.6 Amps delivered over the Ethernet interface.

The samples were received on May 17, 2017 and tested on May 17-18, 2018. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Redline Communications	RDL-3100-RMA	Master	318SC16300040
Redline Communications	RDL-3100-RMA	Client	318SC16300035
Redline Communications	HG5158DP-10U	Omnidirectional 10dBi antenna	N/A
Redline Communications	HG5158DP-10U	Omnidirectional 10dBi antenna	N/A

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

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	10	10
Highest Antenna Gain (dBi)	32	32
EIRP Output Power (dBm)	30	30

- Power can exceed 200mW eirp

**Channel Protocol**

- Frame Based

**ENCLOSURE**

The EUT has no enclosure. It is designed to be installed within the enclosure of a host system.

**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
<i>Redline Communications</i>	<i>RDL-3100-RMA</i>	<i>Master</i>	<i>318SC16300040</i>	<i>QC8-RDL3100RMA</i>
<i>Redline Communications</i>	<i>RDL-3100-RMA</i>	<i>Client</i>	<i>318SC16300035</i>	<i>QC8-RDL3100RMA</i>
Lenovo	X201i	Laptop Computer	N/A	N/A
Lenovo	T410	Laptop Computer	N/A	N/A
Microsemi	PD-9001GR/AC	POE Adapter (x2)	N/A	N/A

The italicized device was the master device and 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)
Master EUT – Ethernet	Remote POE	CAT5	Shielded	10.0
Master EUT – GPS	GPS Antenna	Coaxial	Shielded	3.0
Master RF Ports (x2)	Omni Antennas (x2)	Coaxial	Shielded	0.2
Client EUT – Ethernet	Remote POE	CAT5	Shielded	10.0
Client RF Ports (x2)	Omni Antennas (x2)	Coaxial	Shielded	0.2

**EUT OPERATION**

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

Master Device: 0.99.181

Client Device: 0.99.181

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

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

Testing was performed in the 50/50 talk/listen mode, as this represents the worse case frame settings.

Refer to the RDL-3100-RMA theory of operation document for the information about the power-on cycle time, statement about security of radar detection parameters and initial channel selection.

The RF energy emitted from the RDL-3100-RMA is below the FCC 15.109 limits for unintentional radiators when it is not transmitting. Refer to separate report covering unintentional emissions.

**RADAR WAVEFORMS**

Table 5 - FCC Short Pulse Radar Test Waveforms						
Radar Type		Pulse Width (µsec)	PRI (µsec)	Pulses / burst	Minimum Detection Percentage	Minimum Number of Trials
0		1	1428	18	See <b>Note 1</b>	
1	1a	1	15 unique PRI values randomly selected from the list of 23 PRI values in <b>Note 2</b> below	Round Up $1/360 * 19 * 10^6 / \text{PRI}_{\mu\text{sec}}$	60%	15
	1b		518-3066 with minimum increment of 1 µsec, excluding PRI values selected in 1a			15
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
<b>Note 1:</b> Short Pulse Radar Type 0 is used for the detection bandwidth test, channel move time, and channel closing time tests.						
<b>Note 2:</b> Pulse repetition intervals values for Test 1a above						
Pulse Repetition Frequency Number		Pulse Repetition Frequency (Pulses Per Second)		Pulse Repetition Interval (Microseconds)		
1		1930.5		518		
2		1858.7		538		
3		1792.1		558		
4		1730.1		578		
5		1672.2		598		
6		1618.1		618		
7		1567.4		638		
8		1519.8		658		
9		1474.9		678		
10		1432.7		698		
11		1392.8		718		
12		1355		738		
13		1319.3		758		
14		1285.3		778		
15		1253.1		798		
16		1222.5		818		
17		1193.3		838		
18		1165.6		858		
19		1139		878		
20		1113.6		898		
21		1089.3		918		
22		1066.1		938		
23		326.2		3066		

<b>Table 6 - FCC Long Pulse Radar Test Waveforms</b>							
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

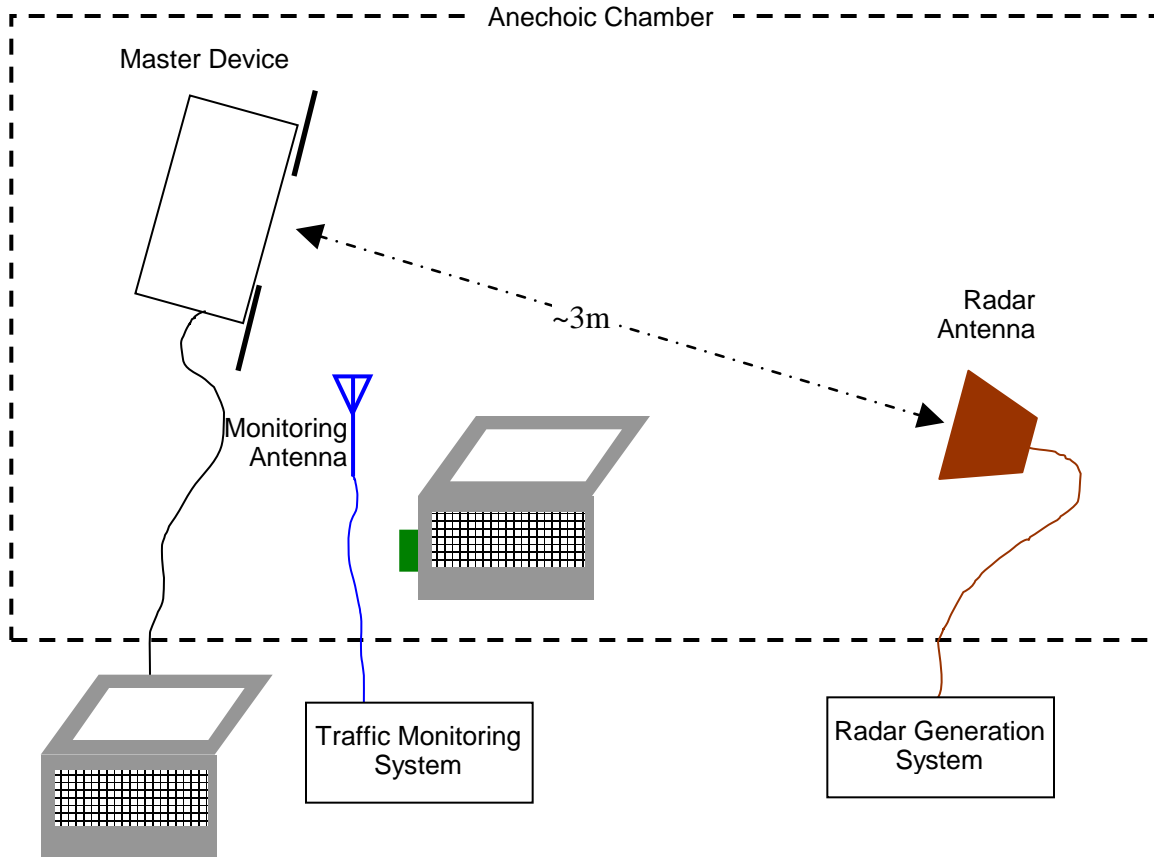
<b>Table 7 - FCC Frequency Hopping Radar Test Waveforms</b>							
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30



## 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 which is oriented in vertical polarization.



**Figure 1 Test Configuration for radiated Measurement Method**

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

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

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

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

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

## DFS MEASUREMENT INSTRUMENTATION

### RADAR GENERATION SYSTEM

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

With the exception of the hopping waveforms required by the FCC's rules (see below), the radar generator is set to a single frequency within the radar detection bandwidth of the EUT. The frequency is varied from trial to trial by stepping in 5MHz steps. For radar types with variable parameters, each detection probability trial is performed using a unique set of parameters obtained by a random selection with uniform distribution for each of the variable parameters.

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 long duration pulse waveform generated in the same manner as the normal radar generated signals.

The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna. The radar generating antenna (when used) is oriented for vertical polarization.

**CHANNEL MONITORING SYSTEM**

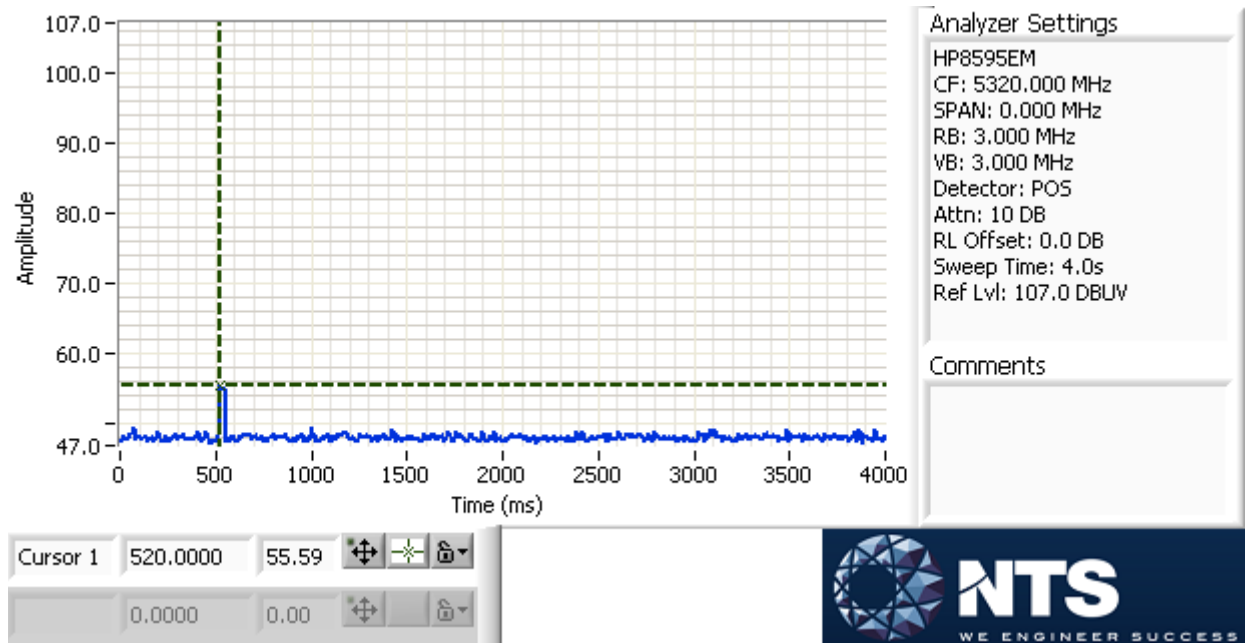
Channel monitoring is achieved using a spectrum analyzer and digital storage oscilloscope. The analyzer is configured in a zero-span mode, center frequency set to the radar waveform’s frequency or the center frequency of the EUT’s operating channel. The IF output of the analyzer is connected to one input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

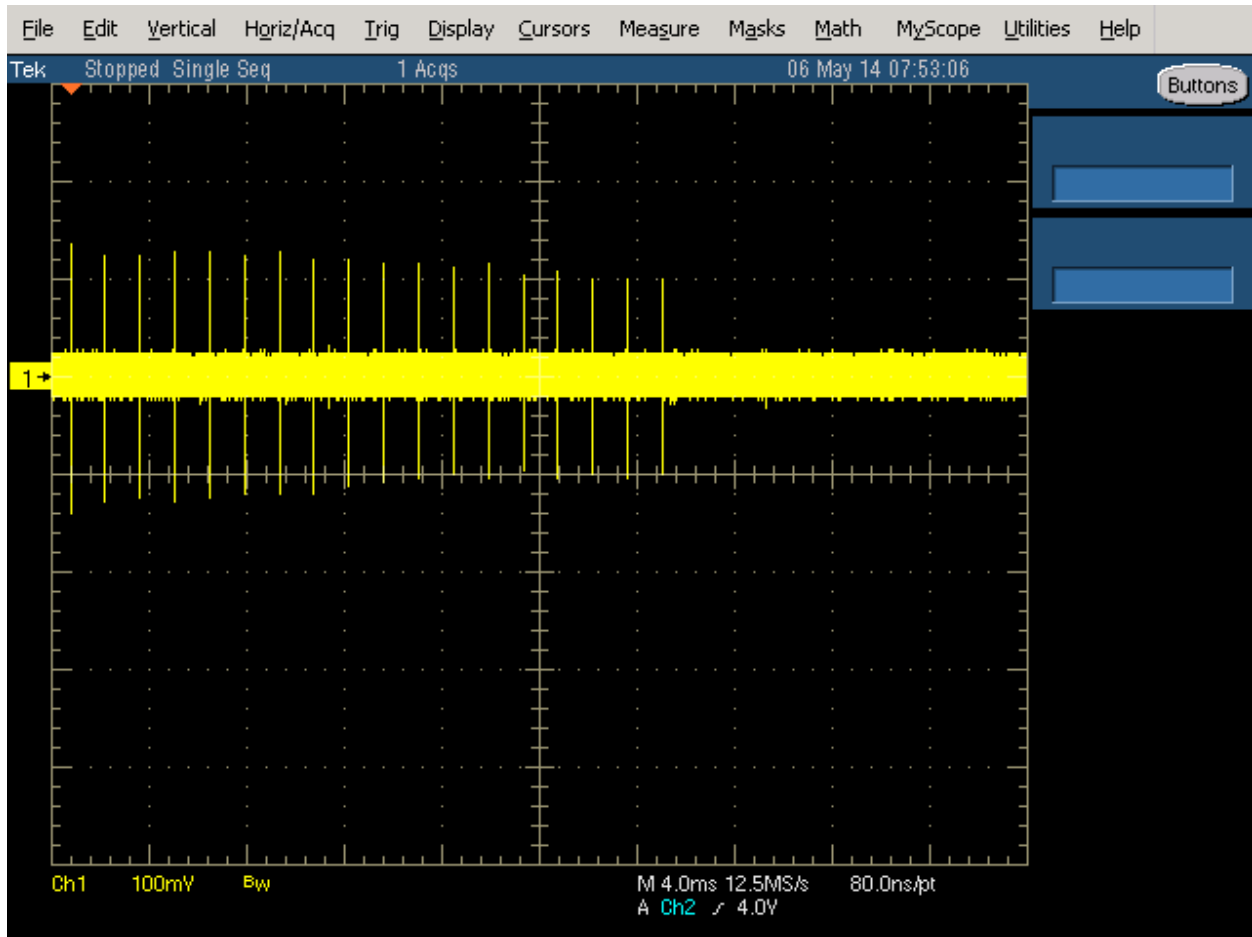
The analyzer detector and oscilloscope sampling mode is set to peak detect for all plots.



**Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)**

**RADAR GENERATOR PLOTS**

The radar generator was connected to Spectrum Analyzer (SA) input, with the SA set to zero span, 3 MHz RBW, 3 MHz VBW. The SA IF output was connected to an oscilloscope to provide timing plots.



**Figure 3 FCC Type 1 Radar (18 pulses)**

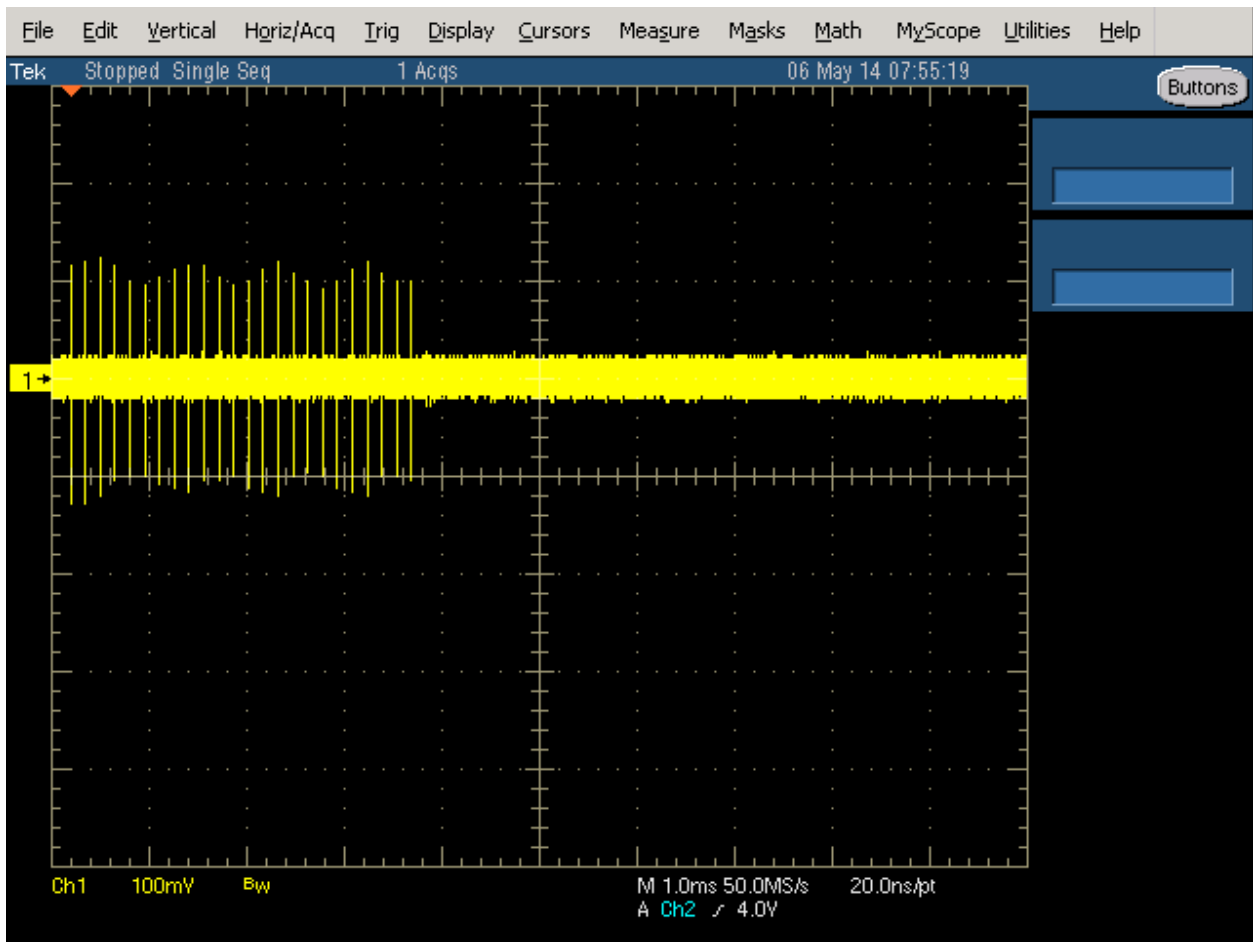


Figure 4 FCC Type 2 Radar (24 pulses)

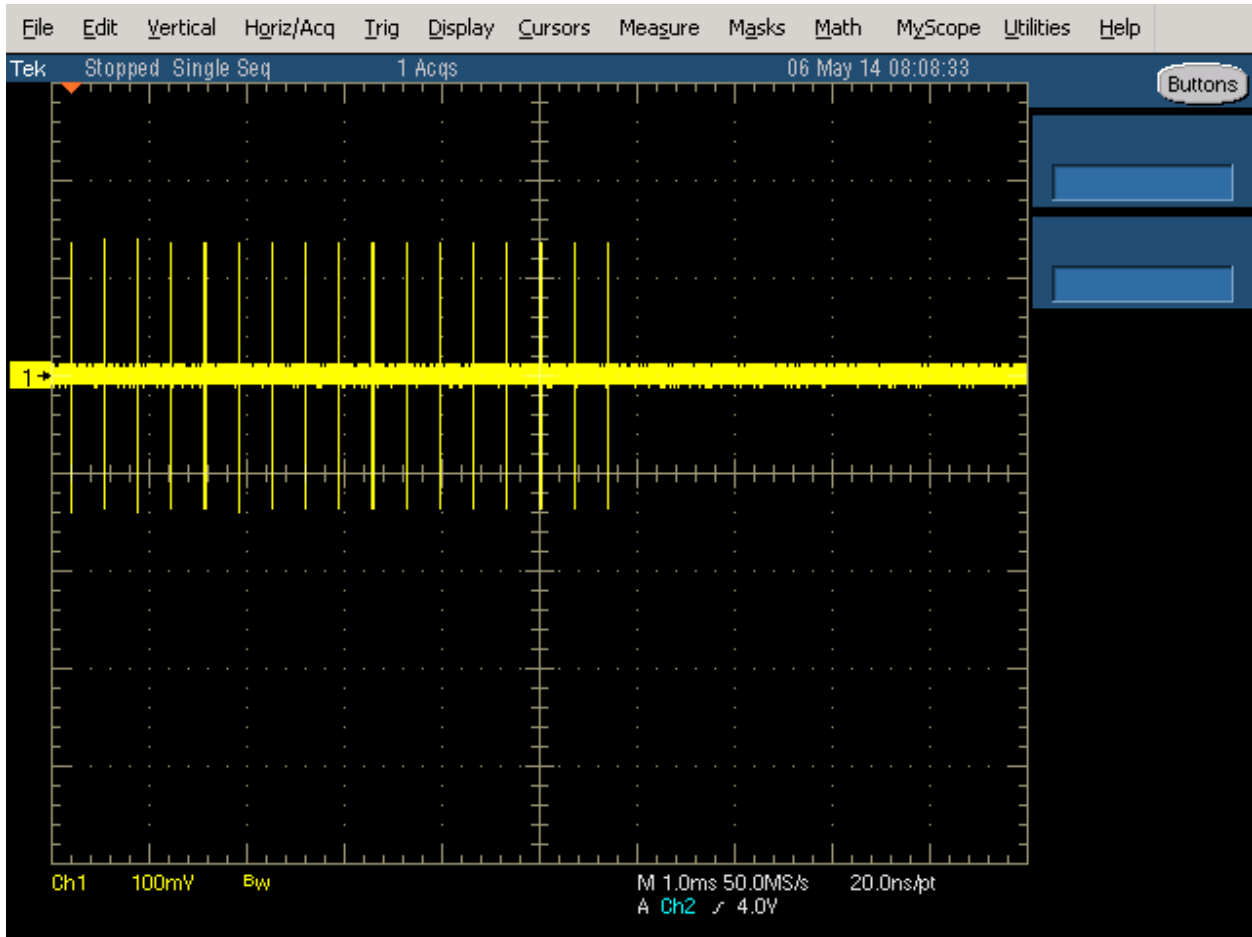


Figure 5 FCC Type 3 Radar (17 pulses)

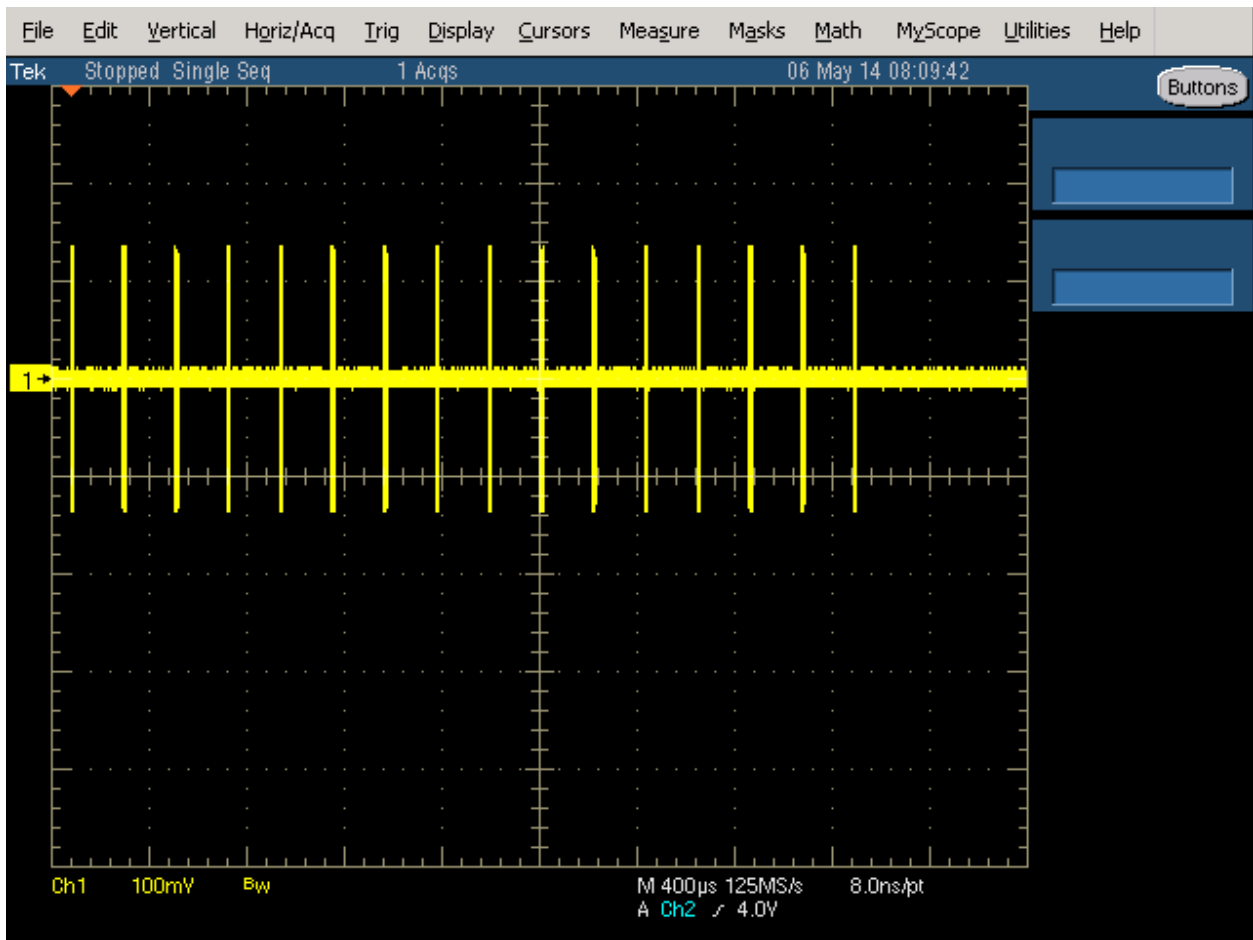


Figure 6 FCC Type 4 Radar (16 pulses)





Figure 7 FCC Type 5 Radar (burst with three pulses, 1650  $\mu$ s first period)

The shape is round due to chirped frequency during pulse as the SA is in zero span with 3 MHz BW.

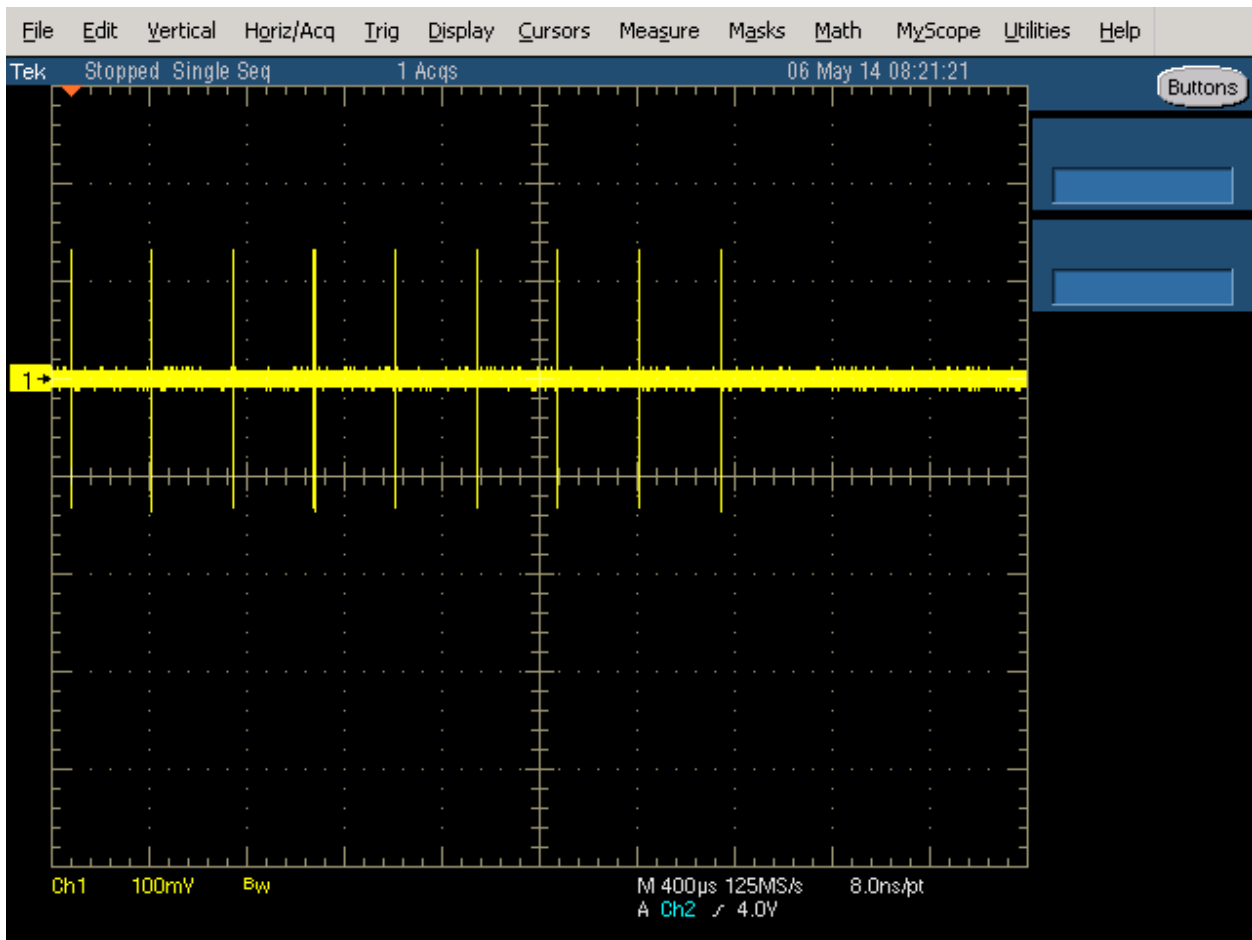


Figure 8 FCC Type 6 Radar (9 pulses in each burst)

## **DFS MEASUREMENT METHODS**

### **DFS RADAR DETECTION BANDWIDTH**

The radar detection bandwidth is determined by using FCC radar waveform 0 and applying radar pulses at offsets from the center channel frequency by multiples of 1-5 MHz. 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/MSIP Notice No. 2015-95 – the total time of all individual transmissions from the EUT that are observed starting 200ms at the end of the last radar pulse in the waveform. This value is required to be less than 60ms.

ETSI – the total time of all individual transmissions from the EUT that are observed from the end of the last radar pulse in the waveform. This value is required to be less than 1000ms in the 5250-5350MHz, 5470-5725MHz bands and 260ms in the 5725-5850MHz band.

### **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.

For devices with a client-mode that are being evaluated against FCC rules the manufacturer must supply an attestation letter stating that the client device does not employ any active scanning techniques (i.e. does not transmit in the DFS bands without authorization from a Master device).

**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 DFS	8595EM	787	01-Sep-17
ETS Lindgren	Antenna, Horn, 1-18 GHz	3117	1662	13-Jun-18
Tektronix	500MHz, 2CH, 5GS/s OscilloScope	TDS5052B	2118	07-Dec-17
Agilent Technologies	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267D	3011	25-Feb-18

### Appendix B Test Data Tables for Radar Detection Probability

The plot below shows the channel loading during testing as evaluated over a 200ms period. The traffic was generated by streaming a movie and iPerf

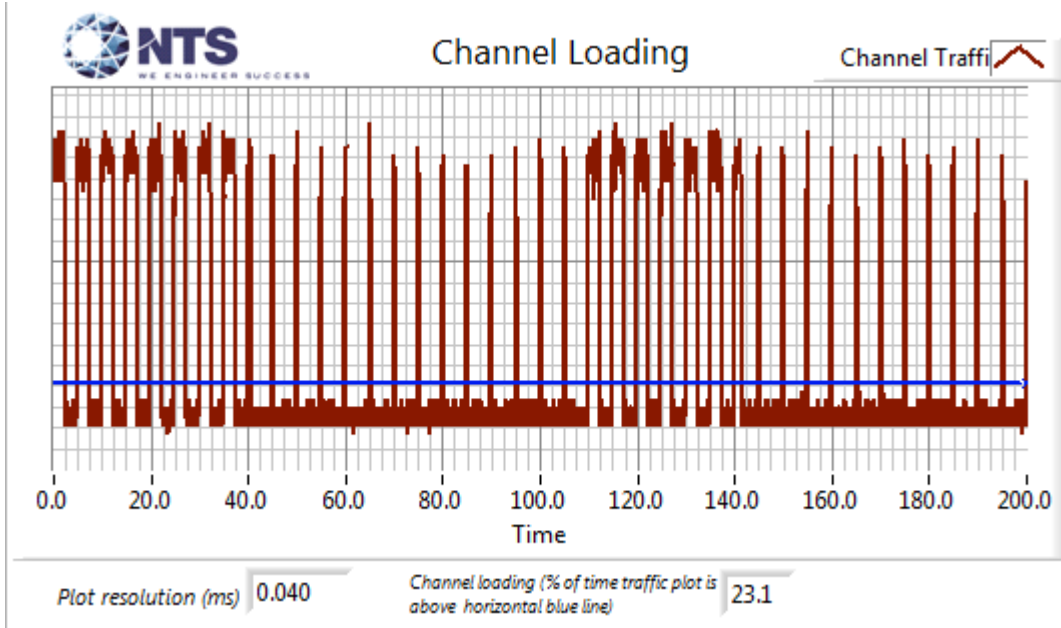


Figure 9 Channel Utilization During In-Service Detection Measurements (10MHz)

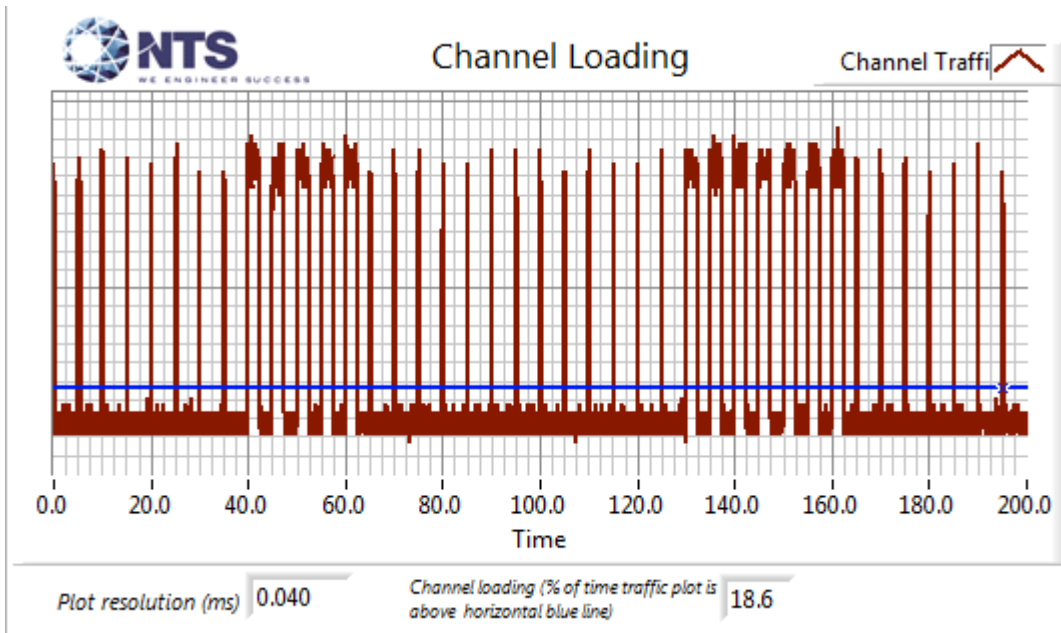


Figure 10 Channel Utilization During In-Service Detection Measurements (20MHz)

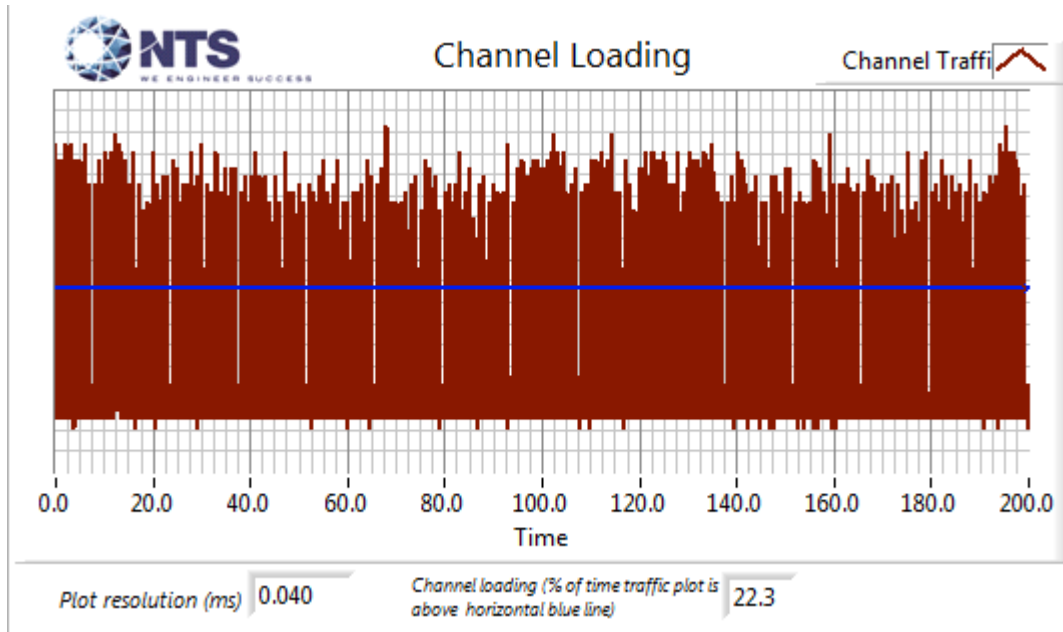


Figure 11 Channel Utilization During In-Service Detection Measurements (40MHz)

Table 8 - Summary of All Results 10MHz				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	98.3 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	96.7 %	70.0 %	30	PASSED

Table 9 - Summary of All Results 20MHz				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	100.0 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	94.6 %	70.0 %	37	PASSED

Table 10 - Summary of All Results 40MHz				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	100.0 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	94.6 %	70.0 %	37	PASSED



Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	100.0 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	34	PASSED

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	0	2	0
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5495.60 MHz	1	2	33
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5495.70 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5496.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5497.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5498.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5499.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5501.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5502.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5503.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5504.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5504.3 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5504.4 MHz	2	3	40
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	0	2	0

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	65	1.0	818.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	58	1.0	918.0	Yes	5501.0MHz,-64.0dBm	Single burst
3	95	1.0	558.0	Yes	5502.7MHz,-64.0dBm	Single burst
4	61	1.0	878.0	Yes	5504.0MHz,-64.0dBm	Single burst
5	92	1.0	578.0	Yes	5504.1MHz,-64.0dBm	Single burst
6	63	1.0	838.0	Yes	5495.9MHz,-64.0dBm	Single burst
7	74	1.0	718.0	Yes	5497.1MHz,-64.0dBm	Single burst
8	72	1.0	738.0	Yes	5498.9MHz,-64.0dBm	Single burst
9	62	1.0	858.0	Yes	5500.4MHz,-64.0dBm	Single burst
10	78	1.0	678.0	Yes	5502.0MHz,-64.0dBm	Single burst
11	81	1.0	658.0	Yes	5503.3MHz,-64.0dBm	Single burst
12	76	1.0	698.0	Yes	5504.1MHz,-64.0dBm	Single burst
13	89	1.0	598.0	Yes	5495.9MHz,-64.0dBm	Single burst
14	70	1.0	758.0	Yes	5497.1MHz,-64.0dBm	Single burst
15	99	1.0	538.0	Yes	5498.2MHz,-64.0dBm	Single burst

Table 13 - FCC Short Pulse Radar (Type 1B) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	36	1.0	1496.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	32	1.0	1661.0	Yes	5501.4MHz,-64.0dBm	Single burst
3	66	1.0	809.0	Yes	5503.3MHz,-64.0dBm	Single burst
4	24	1.0	2269.0	Yes	5504.1MHz,-64.0dBm	Single burst
5	67	1.0	794.0	Yes	5495.9MHz,-64.0dBm	Single burst
6	61	1.0	879.0	Yes	5496.5MHz,-64.0dBm	Single burst
7	64	1.0	835.0	Yes	5498.1MHz,-64.0dBm	Single burst
8	19	1.0	2868.0	Yes	5499.7MHz,-64.0dBm	Single burst
9	18	1.0	2949.0	Yes	5500.9MHz,-64.0dBm	Single burst
10	71	1.0	746.0	Yes	5501.9MHz,-64.0dBm	Single burst
11	25	1.0	2178.0	Yes	5503.2MHz,-64.0dBm	Single burst
12	18	1.0	3020.0	Yes	5504.1MHz,-64.0dBm	Single burst
13	26	1.0	2079.0	Yes	5495.9MHz,-64.0dBm	Single burst
14	58	1.0	917.0	Yes	5497.2MHz,-64.0dBm	Single burst
15	43	1.0	1247.0	Yes	5499.2MHz,-64.0dBm	Single burst

Table 14 - FCC Short Pulse Radar (Type 2) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	25	5.0	161.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	23	4.5	207.0	Yes	5501.1MHz,-64.0dBm	Single burst
3	25	1.2	178.0	Yes	5502.8MHz,-64.0dBm	Single burst
4	28	2.7	222.0	Yes	5504.1MHz,-64.0dBm	Single burst
5	25	1.6	204.0	Yes	5495.9MHz,-64.0dBm	Single burst
6	26	1.2	200.0	Yes	5496.2MHz,-64.0dBm	Single burst
7	26	4.1	165.0	Yes	5497.6MHz,-64.0dBm	Single burst
8	28	3.8	215.0	Yes	5499.5MHz,-64.0dBm	Single burst
9	28	4.8	215.0	Yes	5501.4MHz,-64.0dBm	Single burst
10	24	2.2	196.0	Yes	5503.2MHz,-64.0dBm	Single burst
11	28	1.1	207.0	Yes	5504.1MHz,-64.0dBm	Single burst
12	24	1.7	209.0	Yes	5495.9MHz,-64.0dBm	Single burst
13	25	4.2	194.0	Yes	5496.9MHz,-64.0dBm	Single burst
14	26	3.7	226.0	Yes	5498.3MHz,-64.0dBm	Single burst
15	29	1.1	195.0	Yes	5500.2MHz,-64.0dBm	Single burst
16	29	4.4	218.0	Yes	5501.7MHz,-64.0dBm	Single burst
17	27	4.8	165.0	Yes	5502.8MHz,-64.0dBm	Single burst
18	24	4.0	226.0	Yes	5504.1MHz,-64.0dBm	Single burst
19	27	1.2	198.0	Yes	5495.9MHz,-64.0dBm	Single burst
20	28	1.6	154.0	Yes	5496.8MHz,-64.0dBm	Single burst
21	27	3.3	204.0	Yes	5498.0MHz,-64.0dBm	Single burst
22	28	3.8	225.0	Yes	5499.6MHz,-64.0dBm	Single burst
23	24	2.3	178.0	Yes	5501.2MHz,-64.0dBm	Single burst
24	27	4.7	185.0	Yes	5502.7MHz,-64.0dBm	Single burst
25	27	2.2	228.0	Yes	5504.1MHz,-64.0dBm	Single burst
26	24	2.6	163.0	Yes	5495.9MHz,-64.0dBm	Single burst
27	27	3.3	192.0	Yes	5496.5MHz,-64.0dBm	Single burst
28	28	1.4	208.0	Yes	5497.6MHz,-64.0dBm	Single burst
29	28	1.1	154.0	Yes	5499.2MHz,-64.0dBm	Single burst
30	25	4.4	152.0	Yes	5500.8MHz,-64.0dBm	Single burst

Table 15 - FCC Short Pulse Radar (Type 3) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	17	7.5	420.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	17	8.8	287.0	Yes	5501.6MHz,-64.0dBm	Single burst
3	16	9.6	273.0	Yes	5502.9MHz,-64.0dBm	Single burst
4	17	6.7	446.0	Yes	5504.1MHz,-64.0dBm	Single burst
5	17	9.4	228.0	Yes	5495.9MHz,-64.0dBm	Single burst
6	17	8.5	221.0	Yes	5496.4MHz,-64.0dBm	Single burst
7	17	6.6	343.0	Yes	5498.4MHz,-64.0dBm	Single burst
8	16	6.1	270.0	Yes	5499.5MHz,-64.0dBm	Single burst
9	16	8.1	476.0	Yes	5500.7MHz,-64.0dBm	Single burst
10	17	7.9	388.0	Yes	5502.2MHz,-64.0dBm	Single burst
11	17	9.7	486.0	Yes	5503.3MHz,-64.0dBm	Single burst
12	18	6.6	263.0	Yes	5504.1MHz,-64.0dBm	Single burst
13	18	8.6	449.0	Yes	5495.9MHz,-64.0dBm	Single burst
14	16	6.4	388.0	Yes	5496.3MHz,-64.0dBm	Single burst
15	17	9.7	354.0	Yes	5497.7MHz,-64.0dBm	Single burst
16	17	9.4	485.0	Yes	5499.4MHz,-64.0dBm	Single burst
17	16	8.9	276.0	No	5501.1MHz,-64.0dBm	Single burst
18	18	6.7	327.0	Yes	5501.1MHz,-64.0dBm	Single burst
19	17	9.1	280.0	Yes	5502.7MHz,-64.0dBm	Single burst
20	17	7.1	369.0	Yes	5504.1MHz,-64.0dBm	Single burst
21	17	9.6	375.0	Yes	5495.9MHz,-64.0dBm	Single burst
22	18	9.7	339.0	Yes	5496.3MHz,-64.0dBm	Single burst
23	17	6.8	270.0	Yes	5498.2MHz,-64.0dBm	Single burst
24	18	8.7	369.0	Yes	5499.3MHz,-64.0dBm	Single burst
25	16	9.8	294.0	Yes	5500.8MHz,-64.0dBm	Single burst
26	18	7.2	200.0	Yes	5502.4MHz,-64.0dBm	Single burst
27	16	9.8	359.0	Yes	5503.7MHz,-64.0dBm	Single burst
28	17	9.7	336.0	Yes	5504.1MHz,-64.0dBm	Single burst
29	17	8.5	440.0	Yes	5495.9MHz,-64.0dBm	Single burst
30	16	8.0	415.0	Yes	5496.5MHz,-64.0dBm	Single burst

Table 16 - FCC Short Pulse Radar (Type 4) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	15	15.8	409.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	16	14.2	406.0	Yes	5501.4MHz,-64.0dBm	Single burst
3	16	18.6	244.0	Yes	5503.0MHz,-64.0dBm	Single burst
4	13	11.6	262.0	No	5504.1MHz,-64.0dBm	Single burst
5	14	19.1	500.0	Yes	5504.1MHz,-64.0dBm	Single burst
6	14	11.5	486.0	Yes	5504.1MHz,-64.0dBm	Single burst
7	15	19.7	270.0	Yes	5495.9MHz,-64.0dBm	Single burst
8	14	13.4	274.0	Yes	5496.3MHz,-64.0dBm	Single burst
9	15	18.4	283.0	Yes	5497.7MHz,-64.0dBm	Single burst
10	13	13.7	311.0	Yes	5499.2MHz,-64.0dBm	Single burst
11	15	14.3	496.0	Yes	5500.7MHz,-64.0dBm	Single burst
12	13	16.7	357.0	Yes	5502.6MHz,-64.0dBm	Single burst
13	13	19.9	317.0	Yes	5503.6MHz,-64.0dBm	Single burst
14	15	18.0	371.0	Yes	5504.1MHz,-64.0dBm	Single burst

**Table 16 - FCC Short Pulse Radar (Type 4) Results 10MHz**

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
15	15	12.5	360.0	Yes	5495.9MHz,-64.0dBm	Single burst
16	12	13.7	395.0	Yes	5496.9MHz,-64.0dBm	Single burst
17	15	12.6	285.0	Yes	5498.9MHz,-64.0dBm	Single burst
18	14	17.7	364.0	Yes	5499.9MHz,-64.0dBm	Single burst
19	13	17.5	217.0	Yes	5501.2MHz,-64.0dBm	Single burst
20	14	14.3	212.0	Yes	5502.3MHz,-64.0dBm	Single burst
21	15	18.8	348.0	Yes	5504.1MHz,-64.0dBm	Single burst
22	13	18.3	344.0	Yes	5495.9MHz,-64.0dBm	Single burst
23	14	18.3	443.0	Yes	5496.1MHz,-64.0dBm	Single burst
24	12	16.6	359.0	Yes	5497.5MHz,-64.0dBm	Single burst
25	15	13.4	390.0	Yes	5499.5MHz,-64.0dBm	Single burst
26	13	13.0	384.0	Yes	5500.8MHz,-64.0dBm	Single burst
27	16	17.5	484.0	Yes	5502.1MHz,-64.0dBm	Single burst
28	16	17.9	431.0	Yes	5503.6MHz,-64.0dBm	Single burst
29	16	12.0	497.0	Yes	5504.1MHz,-64.0dBm	Single burst
30	12	13.5	461.0	Yes	5495.9MHz,-64.0dBm	Single burst

**Table 17 - FCC Long Pulse Radar (Type 5) Waveform Summary 10MHz**

FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5500.0MHz,-64.0dBm
Trial #2	Detected	5500.0MHz,-64.0dBm
Trial #3	Detected	5500.0MHz,-64.0dBm
Trial #4	Detected	5500.0MHz,-64.0dBm
Trial #5	Detected	5500.0MHz,-64.0dBm
Trial #6	Detected	5500.0MHz,-64.0dBm
Trial #7	Detected	5500.0MHz,-64.0dBm
Trial #8	Detected	5500.0MHz,-64.0dBm
Trial #9	Detected	5500.0MHz,-64.0dBm
Trial #10	Detected	5500.0MHz,-64.0dBm
Trial #11	Detected	5500.7MHz,-64.0dBm
Trial #12	Detected	5501.5MHz,-64.0dBm
Trial #13	Detected	5499.5MHz,-64.0dBm
Trial #14	Detected	5500.7MHz,-64.0dBm
Trial #15	Detected	5499.9MHz,-64.0dBm
Trial #16	Detected	5500.3MHz,-64.0dBm
Trial #17	Detected	5500.7MHz,-64.0dBm
Trial #18	Detected	5501.9MHz,-64.0dBm
Trial #19	Detected	5498.3MHz,-64.0dBm
Trial #20	Detected	5499.5MHz,-64.0dBm
Trial #21	Detected	5499.7MHz,-64.0dBm
Trial #22	Detected	5500.5MHz,-64.0dBm
Trial #23	Detected	5501.3MHz,-64.0dBm
Trial #24	Detected	5496.9MHz,-64.0dBm
Trial #25	Detected	5498.5MHz,-64.0dBm
Trial #26	Detected	5498.1MHz,-64.0dBm
Trial #27	Detected	5497.3MHz,-64.0dBm
Trial #28	Detected	5500.9MHz,-64.0dBm
Trial #29	Detected	5500.1MHz,-64.0dBm
Trial #30	Detected	5500.9MHz,-64.0dBm

**Table 18 - FCC Long Pulse Radar (Type 5) Waveform Trial#1 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	94.3	18	1015.0	1320.0	0.661465
2	2	74.7	18	1589.0	-	0.963487
3	2	84.2	18	1879.0	-	1.743832
4	1	71.3	18	-	-	2.344998
5	3	97.5	18	1733.0	1390.0	2.690127
6	1	54.1	18	-	-	3.983454
7	1	79.2	18	-	-	4.058997
8	3	70.3	18	1645.0	1980.0	5.111628
9	1	72.6	18	-	-	5.689994
10	2	82.2	18	1805.0	-	6.265354
11	2	69.0	18	1311.0	-	6.920227
12	2	82.6	18	1181.0	-	7.900186
13	3	68.5	18	1447.0	1899.0	8.151331
14	3	71.6	18	1873.0	1899.0	8.733910
15	2	63.4	18	1830.0	-	9.536360
16	1	93.0	18	-	-	10.449570
17	2	61.8	18	1441.0	-	11.199038
18	3	74.8	18	1483.0	1669.0	11.707259

**Table 19 - FCC Long Pulse Radar (Type 5) Waveform Trial#2 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.3	14	1166.0	-	1.252241
2	2	53.7	14	1249.0	-	2.292444
3	3	67.6	14	1965.0	1281.0	3.248003
4	1	91.6	14	-	-	5.426707
5	2	54.0	14	1591.0	-	6.460630
6	2	60.0	14	1525.0	-	8.616619
7	1	62.1	14	-	-	9.290360
8	2	62.2	14	1569.0	-	10.612195

**Table 20 - FCC Long Pulse Radar (Type 5) Waveform Trial#3 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.3	9	1525.0	1476.0	0.282291
2	2	79.9	9	1227.0	-	1.112094
3	2	58.9	9	1437.0	-	1.340206
4	2	54.6	9	1546.0	-	2.570755
5	1	77.7	9	-	-	2.804136
6	3	62.7	9	1919.0	1093.0	3.342674
7	2	71.8	9	1891.0	-	4.581233
8	3	83.8	9	1486.0	1729.0	4.822455
9	2	65.1	9	1127.0	-	5.914224
10	2	79.5	9	1999.0	-	6.272592
11	2	81.3	9	1983.0	-	6.777782
12	2	89.7	9	1882.0	-	7.360137
13	3	99.2	9	1395.0	1650.0	8.499484
14	1	71.5	9	-	-	9.209489
15	1	96.5	9	-	-	9.874827

<b>Table 20 - FCC Long Pulse Radar (Type 5) Waveform Trial#3 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
16	2	88.2	9	1649.0	-	10.625573
17	2	92.2	9	1888.0	-	11.200967
18	2	85.7	9	1152.0	-	11.388832

<b>Table 21 - FCC Long Pulse Radar (Type 5) Waveform Trial#4 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	81.0	8	1061.0	1637.0	0.809828
2	1	71.9	8	-	-	1.350204
3	3	59.7	8	1203.0	1281.0	2.420406
4	3	86.2	8	1256.0	1194.0	2.664799
5	3	74.8	8	1931.0	1391.0	4.093508
6	3	55.5	8	1277.0	1933.0	5.121822
7	1	91.5	8	-	-	5.700996
8	1	99.4	8	-	-	6.489848
9	2	80.7	8	1578.0	-	7.094873
10	2	55.7	8	1513.0	-	7.895007
11	1	77.7	8	-	-	8.768654
12	2	71.5	8	1771.0	-	9.498704
13	1	95.0	8	-	-	10.529898
14	1	73.6	8	-	-	11.753352

<b>Table 22 - FCC Long Pulse Radar (Type 5) Waveform Trial#5 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	59.9	14	-	-	0.116276
2	1	96.2	14	-	-	1.448014
3	1	60.0	14	-	-	1.999475
4	2	93.8	14	1688.0	-	2.465961
5	3	87.4	14	1289.0	1127.0	3.907953
6	2	74.0	14	1473.0	-	4.559044
7	2	92.2	14	1336.0	-	5.098349
8	2	53.6	14	1729.0	-	6.319709
9	3	85.0	14	1267.0	1665.0	6.679828
10	2	85.9	14	1422.0	-	7.677185
11	2	78.5	14	1380.0	-	8.234310
12	1	91.6	14	-	-	8.829913
13	2	99.3	14	1962.0	-	10.307428
14	3	85.7	14	1674.0	1688.0	11.170553
15	2	88.2	14	1575.0	-	11.332734

<b>Table 23 - FCC Long Pulse Radar (Type 5) Waveform Trial#6 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	89.5	14	-	-	0.135423
2	2	63.5	14	1460.0	-	0.726281
3	1	94.9	14	-	-	1.486691
4	2	94.7	14	1817.0	-	2.140158
5	3	60.4	14	1543.0	1799.0	2.675897

<b>Table 23 - FCC Long Pulse Radar (Type 5) Waveform Trial#6 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
6	2	65.2	14	1959.0	-	3.327604
7	2	91.6	14	1325.0	-	4.195989
8	2	90.9	14	1699.0	-	4.698749
9	2	81.3	14	1506.0	-	5.370661
10	2	90.8	14	1598.0	-	5.644336
11	1	68.7	14	-	-	6.525418
12	1	89.6	14	-	-	6.957628
13	2	65.5	14	1668.0	-	7.392682
14	3	75.0	14	1861.0	1944.0	8.375274
15	1	61.3	14	-	-	8.482185
16	1	50.3	14	-	-	9.292186
17	3	93.5	14	1472.0	1487.0	9.657760
18	3	67.5	14	1316.0	1593.0	10.356058
19	1	86.5	14	-	-	10.988900
20	1	99.5	14	-	-	11.477455

<b>Table 24 - FCC Long Pulse Radar (Type 5) Waveform Trial#7 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	90.5	17	1430.0	1873.0	0.573205
2	2	75.8	17	1950.0	-	0.885747
3	2	86.6	17	1704.0	-	1.781855
4	2	76.2	17	1800.0	-	2.617141
5	1	97.7	17	-	-	3.170602
6	2	72.7	17	1862.0	-	3.717824
7	1	62.7	17	-	-	4.003813
8	3	72.9	17	1626.0	1513.0	4.698986
9	2	88.7	17	1366.0	-	5.451158
10	1	85.2	17	-	-	6.260606
11	2	88.1	17	1712.0	-	7.160897
12	1	99.9	17	-	-	7.474513
13	1	78.7	17	-	-	8.423700
14	2	77.9	17	1325.0	-	8.670653
15	2	52.1	17	1414.0	-	9.356412
16	2	85.4	17	1521.0	-	10.244372
17	2	92.2	17	1672.0	-	11.184046
18	1	76.3	17	-	-	11.357797

<b>Table 25 - FCC Long Pulse Radar (Type 5) Waveform Trial#8 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.5	11	1844.0	-	0.143149
2	2	53.3	11	1496.0	-	1.056855
3	2	83.6	11	1742.0	-	1.784680
4	2	68.0	11	1947.0	-	2.374999
5	1	94.9	11	-	-	3.227513
6	1	79.4	11	-	-	4.069034
7	2	87.6	11	1094.0	-	4.466732
8	3	85.2	11	1341.0	1284.0	5.416348
9	2	68.8	11	1287.0	-	5.924203

**Table 25 - FCC Long Pulse Radar (Type 5) Waveform Trial#8 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
10	2	70.8	11	1098.0	-	6.465951
11	2	60.8	11	1566.0	-	7.510974
12	2	71.5	11	1535.0	-	8.431358
13	2	76.2	11	1703.0	-	8.931102
14	2	75.3	11	1889.0	-	9.555852
15	1	61.9	11	-	-	10.193308
16	2	76.9	11	1820.0	-	11.076031
17	1	81.0	11	-	-	11.762215

**Table 26 - FCC Long Pulse Radar (Type 5) Waveform Trial#9 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.0	14	1676.0	-	0.750582
2	2	90.2	14	1470.0	-	1.021734
3	2	52.0	14	1199.0	-	2.151677
4	2	89.0	14	1478.0	-	3.021120
5	2	75.1	14	1403.0	-	4.105791
6	3	60.4	14	1801.0	1459.0	4.469290
7	3	90.2	14	1500.0	1003.0	5.653043
8	1	79.9	14	-	-	6.856850
9	2	92.0	14	1329.0	-	7.413199
10	2	79.8	14	1156.0	-	8.279542
11	1	90.4	14	-	-	8.850440
12	2	55.8	14	1178.0	-	9.536888
13	1	68.0	14	-	-	10.604468
14	1	80.1	14	-	-	11.978840

**Table 27 - FCC Long Pulse Radar (Type 5) Waveform Trial#10 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	75.5	11	-	-	1.083594
2	2	54.9	11	1764.0	-	2.272530
3	3	74.5	11	1337.0	1057.0	2.716898
4	1	62.4	11	-	-	4.027159
5	2	52.4	11	1131.0	-	5.467569
6	2	79.1	11	1978.0	-	6.867663
7	2	67.5	11	1193.0	-	8.024891
8	2	71.6	11	1022.0	-	10.648676
9	1	51.3	11	-	-	11.196914

**Table 28 - FCC Long Pulse Radar (Type 5) Waveform Trial#11 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	90.7	12	1572.0	1882.0	0.830350
2	3	78.3	12	1199.0	1428.0	1.572404
3	2	74.6	12	1642.0	-	3.195954
4	2	91.7	12	1392.0	-	3.682543
5	2	53.5	12	1088.0	-	4.436569
6	3	77.5	12	1738.0	1439.0	6.457470



<b>Table 28 - FCC Long Pulse Radar (Type 5) Waveform Trial#11 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
7	1	76.9	12	-	-	6.556709
8	2	99.6	12	1711.0	-	7.797771
9	3	60.5	12	1715.0	1730.0	8.855805
10	2	76.2	12	1447.0	-	9.923588
11	3	54.1	12	1239.0	1545.0	11.517387

<b>Table 29 - FCC Long Pulse Radar (Type 5) Waveform Trial#12 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.1	14	1129.0	-	0.010249
2	1	81.4	14	-	-	2.589893
3	2	64.9	14	1153.0	-	2.960710
4	3	88.0	14	1963.0	1548.0	5.290598
5	2	91.0	14	1602.0	-	5.916062
6	2	62.3	14	1653.0	-	7.425262
7	2	95.5	14	1730.0	-	8.155931
8	1	99.6	14	-	-	9.550657
9	2	92.0	14	1712.0	-	10.728433

<b>Table 30 - FCC Long Pulse Radar (Type 5) Waveform Trial#13 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.0	9	1827.0	-	0.145125
2	1	60.7	9	-	-	2.173320
3	2	78.6	9	1376.0	-	3.423241
4	3	96.0	9	1182.0	1502.0	4.585033
5	2	77.0	9	1567.0	-	5.065199
6	1	92.8	9	-	-	6.381311
7	1	73.5	9	-	-	7.542365
8	2	73.5	9	1248.0	-	9.145337
9	2	59.8	9	1690.0	-	10.392840
10	3	85.1	9	1446.0	1138.0	11.607977

<b>Table 31 - FCC Long Pulse Radar (Type 5) Waveform Trial#14 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.3	12	1174.0	-	1.207146
2	1	83.7	12	-	-	2.070970
3	1	56.9	12	-	-	2.825331
4	1	63.0	12	-	-	5.060322
5	3	63.1	12	1033.0	1577.0	5.515197
6	2	69.9	12	1861.0	-	7.178815
7	3	76.4	12	1433.0	1114.0	8.000149
8	1	53.8	12	-	-	10.093346
9	2	61.0	12	1700.0	-	11.089872

<b>Table 32 - FCC Long Pulse Radar (Type 5) Waveform Trial#15 (Detected) 10MHz</b>						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	88.2	10	1187.0	1415.0	0.192532
2	2	94.3	10	1460.0	-	1.037910
3	2	66.9	10	1330.0	-	1.649853
4	3	82.5	10	1843.0	1043.0	2.268678
5	2	55.3	10	1434.0	-	2.664023
6	2	98.5	10	1971.0	-	3.379243
7	2	55.9	10	1268.0	-	4.067680
8	2	85.8	10	1648.0	-	4.829342
9	2	78.5	10	1432.0	-	5.356563
10	1	73.1	10	-	-	5.959705
11	1	58.0	10	-	-	6.815798
12	2	98.8	10	1354.0	-	7.496123
13	1	55.3	10	-	-	8.013164
14	2	73.9	10	1579.0	-	8.379135
15	2	78.3	10	1784.0	-	9.397329
16	3	79.2	10	1872.0	1412.0	9.608466
17	2	57.4	10	1637.0	-	10.360818
18	3	79.8	10	1302.0	1883.0	11.246238
19	2	58.9	10	1047.0	-	11.854086

**Table 33 - FCC Long Pulse Radar (Type 5) Waveform Trial#16 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.2	11	1338.0	-	0.188382
2	1	85.1	11	-	-	1.062515
3	2	77.5	11	1449.0	-	1.765214
4	2	89.5	11	1021.0	-	2.123142
5	2	73.0	11	1518.0	-	2.738585
6	2	98.6	11	1943.0	-	3.719589
7	2	54.2	11	1454.0	-	4.212967
8	3	92.3	11	1071.0	1005.0	5.234903
9	3	80.5	11	1910.0	1213.0	5.957779
10	2	72.0	11	1364.0	-	6.003848
11	3	56.7	11	1547.0	1460.0	6.789170
12	2	92.1	11	1415.0	-	7.542495
13	2	83.7	11	1386.0	-	8.308959
14	3	79.5	11	1826.0	1620.0	8.821502
15	1	87.2	11	-	-	9.754952
16	1	60.2	11	-	-	10.010613
17	3	96.3	11	1377.0	1548.0	11.248653
18	2	72.7	11	1684.0	-	11.471881

**Table 34 - FCC Long Pulse Radar (Type 5) Waveform Trial#17 (Detected) 10MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.5	12	1800.0	-	0.255353
2	2	57.6	12	1974.0	-	1.081298
3	1	73.3	12	-	-	2.589572
4	2	93.4	12	1504.0	-	2.810600
5	1	59.4	12	-	-	4.129802
6	1	81.9	12	-	-	4.655541
7	2	71.3	12	1591.0	-	6.454164

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
8	1	96.3	12	-	-	7.222502
9	2	92.3	12	1378.0	-	7.496452
10	3	72.4	12	1927.0	1016.0	8.458144
11	1	83.1	12	-	-	9.293154
12	1	93.5	12	-	-	10.215479
13	3	94.0	12	1684.0	1144.0	11.270827

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	54.9	15	-	-	0.368451
2	1	87.3	15	-	-	1.340475
3	3	90.7	15	1284.0	1468.0	2.018841
4	1	69.9	15	-	-	2.825137
5	1	93.5	15	-	-	3.646262
6	3	90.4	15	1688.0	1276.0	4.788517
7	2	60.0	15	1314.0	-	5.078373
8	2	95.5	15	1898.0	-	5.706507
9	2	56.1	15	1605.0	-	7.011079
10	3	80.7	15	1729.0	1097.0	7.472134
11	3	56.3	15	1175.0	1421.0	8.352948
12	2	71.9	15	1794.0	-	9.226159
13	3	78.6	15	1084.0	1883.0	9.851131
14	2	90.3	15	1171.0	-	10.508997
15	2	92.6	15	1075.0	-	11.730124

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	71.9	6	-	-	1.260111
2	3	89.2	6	1514.0	1109.0	1.617528
3	1	90.8	6	-	-	3.250426
4	3	54.6	6	1616.0	1919.0	4.062756
5	3	79.9	6	1843.0	1733.0	5.827084
6	2	52.6	6	1359.0	-	7.826506
7	2	74.9	6	1615.0	-	8.416900
8	3	76.1	6	1075.0	1107.0	10.008958
9	3	67.9	6	1803.0	1799.0	10.704759

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.8	9	1322.0	-	1.035969
2	2	97.2	9	1356.0	-	2.724012
3	2	66.3	9	1576.0	-	4.078975
4	2	62.9	9	1865.0	-	5.051206
5	2	68.4	9	1795.0	-	6.434453
6	2	62.9	9	1087.0	-	7.631115
7	1	58.6	9	-	-	9.405960

<b>Table 37 - FCC Long Pulse Radar (Type 5) Waveform Trial#20 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
8	3	92.8	9	1898.0	1247.0	11.951913

<b>Table 38 - FCC Long Pulse Radar (Type 5) Waveform Trial#21 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.5	11	1690.0	-	0.284471
2	3	83.8	11	1052.0	1411.0	0.664688
3	1	51.1	11	-	-	1.617865
4	2	89.3	11	1179.0	-	1.982257
5	3	59.4	11	1919.0	1136.0	2.645750
6	2	60.1	11	1020.0	-	3.595244
7	1	67.4	11	-	-	4.322200
8	1	56.9	11	-	-	4.861453
9	1	80.7	11	-	-	5.136961
10	2	66.9	11	1309.0	-	6.289580
11	1	53.1	11	-	-	6.331622
12	3	67.1	11	1120.0	1453.0	7.322567
13	3	85.4	11	1457.0	1650.0	7.872008
14	2	52.2	11	1613.0	-	8.813088
15	2	69.7	11	1505.0	-	9.074371
16	2	87.8	11	1462.0	-	9.549469
17	2	60.3	11	1654.0	-	10.718627
18	2	67.2	11	1879.0	-	10.782828
19	2	81.7	11	1399.0	-	11.722408

<b>Table 39 - FCC Long Pulse Radar (Type 5) Waveform Trial#22 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	71.0	9	-	-	0.433103
2	1	87.8	9	-	-	2.145310
3	3	93.8	9	1282.0	1702.0	3.895439
4	1	94.5	9	-	-	4.995211
5	2	58.6	9	1739.0	-	5.558550
6	2	84.6	9	1416.0	-	7.123429
7	3	91.2	9	1400.0	1377.0	8.477529
8	2	54.8	9	1930.0	-	10.664594
9	1	96.2	9	-	-	11.104773

<b>Table 40 - FCC Long Pulse Radar (Type 5) Waveform Trial#23 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	85.3	7	-	-	0.530415
2	2	55.8	7	1306.0	-	1.607352
3	1	78.8	7	-	-	2.680745
4	2	70.1	7	1574.0	-	3.994683
5	1	66.0	7	-	-	4.761392
6	3	67.3	7	1065.0	1130.0	5.880130
7	2	64.7	7	1487.0	-	6.619651
8	1	86.1	7	-	-	7.639373

<b>Table 40 - FCC Long Pulse Radar (Type 5) Waveform Trial#23 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
9	3	78.5	7	1341.0	1271.0	8.385066
10	1	96.5	7	-	-	9.538747
11	2	66.7	7	1190.0	-	10.038354
12	2	64.0	7	1289.0	-	11.057178

<b>Table 41 - FCC Long Pulse Radar (Type 5) Waveform Trial#24 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.3	18	-	-	0.912143
2	2	86.0	18	1829.0	-	2.148307
3	2	57.4	18	1089.0	-	3.566291
4	1	63.7	18	-	-	5.058378
5	1	62.1	18	-	-	6.645085
6	3	84.5	18	1374.0	1962.0	7.553869
7	1	88.3	18	-	-	8.563761
8	2	90.0	18	1096.0	-	10.567574
9	1	90.1	18	-	-	11.622434

<b>Table 42 - FCC Long Pulse Radar (Type 5) Waveform Trial#25 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.7	14	1942.0	-	0.681636
2	3	72.2	14	1442.0	1036.0	1.162959
3	3	77.6	14	1992.0	1695.0	2.565645
4	1	82.0	14	-	-	3.352803
5	1	80.7	14	-	-	3.839103
6	3	89.2	14	1884.0	1470.0	4.848800
7	3	62.5	14	1238.0	1689.0	5.908300
8	2	98.1	14	1402.0	-	7.241931
9	1	52.4	14	-	-	8.088997
10	3	99.7	14	1753.0	1738.0	8.921850
11	3	59.9	14	1051.0	1755.0	9.776969
12	2	87.8	14	1062.0	-	10.456140
13	2	95.5	14	1820.0	-	11.155309

<b>Table 43 - FCC Long Pulse Radar (Type 5) Waveform Trial#26 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.8	15	1552.0	-	0.967003
2	3	86.7	15	1342.0	1664.0	2.517147
3	2	86.7	15	1195.0	-	3.780134
4	1	90.0	15	-	-	4.427588
5	2	84.3	15	1273.0	-	6.325494
6	2	56.2	15	1547.0	-	7.112513
7	3	80.6	15	1369.0	1645.0	9.007539
8	2	85.5	15	1855.0	-	10.596548
9	2	70.1	15	1521.0	-	11.241235

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.1	17	1570.0	-	0.349254
2	2	75.3	17	1632.0	-	1.124736
3	2	97.0	17	1861.0	-	1.779935
4	2	66.8	17	1947.0	-	2.119615
5	2	53.8	17	1065.0	-	2.683089
6	2	59.2	17	1145.0	-	3.443770
7	2	83.5	17	1312.0	-	4.231864
8	2	58.0	17	1133.0	-	4.824415
9	3	85.3	17	1408.0	1468.0	5.144432
10	1	79.8	17	-	-	6.296114
11	2	68.9	17	1803.0	-	6.673887
12	2	82.9	17	1051.0	-	7.432333
13	1	76.0	17	-	-	7.712122
14	2	82.1	17	1383.0	-	8.386600
15	2	64.2	17	1899.0	-	8.940329
16	3	74.8	17	1084.0	1911.0	9.483516
17	1	60.1	17	-	-	10.405026
18	1	64.5	17	-	-	11.182618
19	2	76.0	17	1320.0	-	11.602005

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	73.6	8	1082.0	-	0.130002
2	3	63.8	8	1952.0	1813.0	1.137919
3	3	81.4	8	1298.0	1790.0	2.986394
4	2	61.8	8	1962.0	-	3.856015
5	2	82.2	8	1818.0	-	4.417709
6	1	62.2	8	-	-	5.931481
7	2	70.6	8	1500.0	-	6.673543
8	2	61.1	8	1687.0	-	7.302153
9	2	66.6	8	1412.0	-	8.213137
10	2	65.3	8	1528.0	-	9.010824
11	1	89.0	8	-	-	10.657783
12	1	61.7	8	-	-	11.670369

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	71.6	10	-	-	0.778712
2	2	95.6	10	1579.0	-	1.736970
3	2	72.1	10	1604.0	-	2.977259
4	2	78.2	10	1161.0	-	3.949522
5	2	88.5	10	1753.0	-	4.857141
6	1	83.7	10	-	-	5.825515
7	3	86.2	10	1507.0	1236.0	6.945441
8	2	56.8	10	1766.0	-	7.055664
9	2	97.4	10	1085.0	-	8.284908
10	3	56.2	10	1295.0	1834.0	9.161424
11	2	99.4	10	1713.0	-	10.746454

<b>Table 46 - FCC Long Pulse Radar (Type 5) Waveform Trial#29 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
12	2	92.4	10	1456.0	-	11.639111

<b>Table 47 - FCC Long Pulse Radar (Type 5) Waveform Trial#30 (Detected) 10MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.5	8	1620.0	-	0.136052
2	1	53.6	8	-	-	1.187791
3	1	82.7	8	-	-	1.639181
4	2	77.0	8	1917.0	-	2.917230
5	2	97.2	8	1292.0	-	3.243680
6	2	98.2	8	1055.0	-	4.101631
7	2	54.0	8	1253.0	-	4.712360
8	2	82.9	8	1451.0	-	5.499647
9	3	77.0	8	1407.0	1427.0	6.128682
10	1	62.0	8	-	-	6.967208
11	2	84.9	8	1418.0	-	8.148605
12	2	50.7	8	1159.0	-	8.916953
13	2	93.9	8	1110.0	-	9.391167
14	3	82.5	8	1462.0	1747.0	10.306946
15	2	91.4	8	1062.0	-	10.933659
16	1	70.9	8	-	-	11.571075

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	9	1.0	333.0	Yes	5495.9MHz, -64.0dBm	Hop sequence: 5613, 5603, 5402, 5723, 5500, 5338, 5657, 5329, 5524, 5694, 5651, 5516, 5641, 5699, 5644, 5511, 5506, 5458, 5588, 5509, 5688, 5433, 5629, 5379, 5617, 5374, 5421, 5279, 5528, 5670, 5715, 5260, 5534, 5397, 5431, 5254, 5413, 5512, 5713, 5341, 5577, 5605, 5482, 5475, 5417, 5322, 5460, 5684, 5660, 5291, 5255, 5714, 5386, 5655, 5383, 5401, 5335, 5686, 5616, 5355, 5273, 5556, 5376, 5423, 5296, 5674, 5501, 5429, 5280, 5284, 5406, 5369, 5623, 5673, 5725, 5650, 5601, 5301, 5591, 5549, 5305, 5594, 5633, 5608, 5645, 5545, 5522, 5513, 5367, 5508, 5620, 5352, 5531, 5574, 5411, 5375, 5333, 5541, 5624, 5523 (2 hits)
2	9	1.0	333.0	Yes	5496.9MHz, -64.0dBm	Hop sequence: 5374, 5502, 5416, 5718, 5318, 5349, 5638, 5369, 5269, 5449, 5626, 5324, 5375, 5380, 5617, 5525, 5487, 5278, 5609, 5574, 5548, 5606, 5410, 5491, 5397, 5550, 5421, 5536, 5252, 5533, 5342, 5400, 5663, 5272, 5705, 5608, 5577, 5466, 5402, 5332, 5391, 5629, 5668, 5690, 5285, 5473, 5564, 5509, 5277, 5647, 5649, 5687, 5431, 5658, 5711, 5358, 5301, 5514, 5489, 5475, 5405, 5320, 5585, 5292, 5583, 5356, 5308, 5288, 5443, 5544, 5593, 5293, 5646, 5677, 5636, 5526, 5600, 5262, 5549, 5708, 5556, 5673, 5343, 5434, 5411, 5260, 5644, 5283, 5282, 5281, 5495, 5428, 5661, 5291, 5589, 5474, 5720, 5482, 5439, 5537 (1 hits)
3	9	1.0	333.0	Yes	5497.9MHz, -64.0dBm	Hop sequence: 5579, 5679, 5503, 5547, 5666, 5378, 5570, 5366, 5526, 5329, 5631, 5468, 5702, 5450, 5303, 5565, 5481, 5648, 5517, 5615, 5675, 5352, 5431, 5482, 5414, 5445, 5618, 5607, 5489, 5420, 5646, 5382, 5448, 5644, 5358, 5590, 5475, 5293, 5350, 5318, 5619, 5707, 5581, 5630, 5529, 5263, 5636, 5589, 5469, 5403, 5347, 5637, 5421, 5472, 5446, 5315, 5415, 5338, 5343, 5506, 5311, 5294, 5360, 5725, 5413, 5601, 5373, 5496, 5549, 5635, 5569, 5252, 5328, 5490, 5603, 5467, 5285, 5375, 5613, 5705, 5302, 5511, 5369, 5567, 5585, 5633, 5479, 5504, 5262, 5392, 5650, 5715, 5647, 5458, 5699, 5454, 5719, 5411, 5491, 5322 (3 hits)



Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
4	9	1.0	333.0	Yes	5498.9MHz, -64.0dBm	Hop sequence: 5534, 5595, 5312, 5679, 5256, 5527, 5296, 5414, 5702, 5283, 5388, 5294, 5588, 5418, 5623, 5272, 5300, 5563, 5608, 5655, 5479, 5484, 5725, 5492, 5333, 5373, 5262, 5441, 5642, 5544, 5334, 5538, 5362, 5430, 5335, 5467, 5578, 5667, 5255, 5448, 5356, 5607, 5466, 5697, 5315, 5571, 5269, 5308, 5481, 5302, 5399, 5587, 5516, 5278, 5266, 5431, 5364, 5369, 5460, 5695, 5551, 5645, 5389, 5428, 5643, 5288, 5445, 5669, 5568, 5270, 5292, 5402, 5456, 5290, 5432, 5589, 5573, 5498, 5291, 5688, 5273, 5377, 5665, 5417, 5438, 5620, 5713, 5707, 5617, 5318, 5705, 5437, 5407, 5560, 5591, 5475, 5250, 5524, 5546, 5597 (1 hits)
5	9	1.0	333.0	Yes	5499.9MHz, -64.0dBm	Hop sequence: 5365, 5305, 5578, 5474, 5565, 5610, 5682, 5563, 5252, 5431, 5335, 5445, 5354, 5444, 5513, 5711, 5597, 5611, 5522, 5581, 5538, 5494, 5705, 5436, 5299, 5515, 5340, 5320, 5590, 5342, 5644, 5536, 5583, 5576, 5722, 5492, 5288, 5556, 5398, 5379, 5330, 5433, 5485, 5637, 5275, 5698, 5400, 5716, 5595, 5506, 5258, 5442, 5675, 5483, 5303, 5543, 5489, 5604, 5477, 5351, 5600, 5310, 5505, 5316, 5503, 5540, 5585, 5625, 5533, 5402, 5530, 5339, 5370, 5725, 5612, 5532, 5668, 5373, 5664, 5425, 5328, 5374, 5336, 5592, 5525, 5645, 5417, 5504, 5555, 5547, 5323, 5520, 5334, 5602, 5501, 5413, 5679, 5455, 5632, 5264 (3 hits)
6	9	1.0	333.0	Yes	5500.9MHz, -64.0dBm	Hop sequence: 5720, 5663, 5330, 5375, 5659, 5254, 5695, 5636, 5643, 5414, 5507, 5353, 5582, 5340, 5431, 5520, 5707, 5387, 5610, 5684, 5435, 5618, 5470, 5709, 5427, 5560, 5473, 5640, 5614, 5631, 5491, 5436, 5376, 5405, 5355, 5364, 5395, 5418, 5571, 5490, 5271, 5550, 5699, 5677, 5282, 5717, 5285, 5264, 5270, 5386, 5396, 5401, 5587, 5261, 5548, 5662, 5336, 5523, 5393, 5444, 5412, 5558, 5553, 5479, 5621, 5647, 5629, 5570, 5373, 5301, 5331, 5284, 5635, 5260, 5256, 5697, 5670, 5617, 5438, 5455, 5480, 5458, 5641, 5300, 5272, 5482, 5656, 5466, 5297, 5658, 5691, 5591, 5678, 5724, 5718, 5474, 5551, 5625, 5268, 5503 (1 hits)
7	9	1.0	333.0	Yes	5501.9MHz,	Hop sequence: 5392, 5603, 5251,

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
					-64.0dBm	5670, 5278, 5296, 5383, 5489, 5448, 5612, 5586, 5718, 5454, 5629, 5684, 5343, 5312, 5613, 5280, 5713, 5353, 5574, 5304, 5256, 5429, 5595, 5369, 5623, 5664, 5546, 5523, 5555, 5583, 5568, 5461, 5449, 5687, 5655, 5303, 5675, 5506, 5346, 5287, 5522, 5298, 5606, 5345, 5426, 5723, 5364, 5709, 5414, 5638, 5654, 5292, 5358, 5302, 5443, 5672, 5711, 5436, 5446, 5636, 5271, 5525, 5498, 5252, 5590, 5693, 5676, 5542, 5681, 5277, 5496, 5648, 5333, 5657, 5307, 5534, 5669, 5710, 5433, 5281, 5487, 5705, 5584, 5360, 5409, 5465, 5464, 5396, 5492, 5663, 5471, 5551, 5332, 5484, 5609, 5327, 5349 (2 hits)
8	9	1.0	333.0	Yes	5502.9MHz, -64.0dBm	Hop sequence: 5559, 5546, 5361, 5576, 5291, 5458, 5532, 5403, 5556, 5450, 5292, 5609, 5379, 5415, 5251, 5414, 5715, 5299, 5489, 5447, 5355, 5698, 5335, 5634, 5687, 5597, 5466, 5665, 5501, 5615, 5300, 5606, 5265, 5655, 5451, 5616, 5311, 5470, 5648, 5641, 5566, 5413, 5686, 5690, 5619, 5627, 5699, 5523, 5592, 5723, 5313, 5439, 5658, 5663, 5527, 5336, 5541, 5563, 5528, 5646, 5284, 5289, 5255, 5440, 5274, 5573, 5257, 5301, 5250, 5461, 5430, 5625, 5472, 5303, 5590, 5347, 5629, 5550, 5624, 5478, 5397, 5377, 5487, 5463, 5263, 5515, 5425, 5475, 5628, 5491, 5496, 5720, 5376, 5381, 5558, 5688, 5339, 5551, 5321, 5583 (2 hits)
9	9	1.0	333.0	Yes	5503.9MHz, -64.0dBm	Hop sequence: 5637, 5452, 5488, 5306, 5270, 5569, 5712, 5271, 5251, 5444, 5491, 5326, 5392, 5674, 5333, 5394, 5532, 5385, 5549, 5498, 5337, 5289, 5608, 5537, 5639, 5309, 5339, 5616, 5318, 5409, 5370, 5273, 5476, 5363, 5539, 5390, 5595, 5544, 5631, 5552, 5481, 5679, 5550, 5556, 5667, 5628, 5652, 5451, 5663, 5436, 5313, 5299, 5546, 5397, 5504, 5609, 5584, 5575, 5507, 5531, 5579, 5353, 5483, 5541, 5315, 5322, 5324, 5471, 5280, 5287, 5264, 5434, 5500, 5554, 5610, 5330, 5396, 5325, 5323, 5666, 5445, 5621, 5641, 5404, 5258, 5681, 5599, 5699, 5354, 5606, 5290, 5502, 5640, 5722, 5673, 5524, 5650, 5659, 5692, 5644 (4 hits)
10	9	1.0	333.0	No	5504.1MHz, -64.0dBm	Hop sequence: 5487, 5474, 5694, 5597, 5355, 5627, 5592, 5356, 5517,

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5604, 5507, 5412, 5411, 5523, 5691, 5436, 5485, 5495, 5294, 5540, 5624, 5666, 5322, 5378, 5366, 5532, 5711, 5514, 5498, 5616, 5454, 5509, 5341, 5265, 5562, 5434, 5714, 5336, 5448, 5662, 5580, 5357, 5339, 5489, 5483, 5313, 5516, 5333, 5399, 5585, 5595, 5660, 5680, 5347, 5665, 5673, 5424, 5387, 5556, 5442, 5426, 5601, 5407, 5390, 5639, 5456, 5527, 5530, 5477, 5440, 5446, 5490, 5365, 5428, 5560, 5332, 5568, 5398, 5306, 5303, 5359, 5263, 5588, 5297, 5501, 5676, 5358, 5687, 5374, 5423, 5335, 5388, 5710, 5726, 5703, 5617, 5464, 5700, 5324, 5455 (2 hits)
11	9	1.0	333.0	Yes	5495.9MHz, -64.0dBm	Hop sequence: 5252, 5657, 5650, 5616, 5541, 5556, 5550, 5344, 5480, 5671, 5302, 5702, 5325, 5491, 5503, 5488, 5363, 5352, 5451, 5644, 5348, 5366, 5635, 5399, 5559, 5726, 5413, 5414, 5469, 5672, 5319, 5571, 5471, 5454, 5582, 5431, 5542, 5278, 5564, 5660, 5715, 5570, 5293, 5540, 5601, 5535, 5453, 5482, 5379, 5639, 5479, 5552, 5295, 5593, 5464, 5511, 5513, 5619, 5408, 5459, 5501, 5612, 5442, 5706, 5714, 5407, 5359, 5591, 5263, 5270, 5297, 5341, 5447, 5365, 5267, 5526, 5343, 5290, 5529, 5611, 5294, 5370, 5475, 5443, 5499, 5584, 5721, 5620, 5554, 5632, 5356, 5269, 5428, 5419, 5489, 5637, 5448, 5618, 5441, 5284 (3 hits)
12	9	1.0	333.0	Yes	5496.9MHz, -64.0dBm	Hop sequence: 5287, 5309, 5478, 5251, 5633, 5668, 5550, 5517, 5588, 5640, 5725, 5693, 5470, 5321, 5414, 5680, 5671, 5646, 5384, 5670, 5308, 5271, 5352, 5333, 5533, 5467, 5669, 5405, 5703, 5537, 5461, 5413, 5365, 5372, 5445, 5457, 5310, 5425, 5354, 5574, 5625, 5501, 5385, 5371, 5306, 5397, 5554, 5602, 5604, 5710, 5417, 5293, 5558, 5617, 5390, 5567, 5686, 5408, 5486, 5641, 5707, 5453, 5297, 5531, 5443, 5611, 5719, 5582, 5336, 5494, 5699, 5613, 5540, 5449, 5259, 5473, 5570, 5312, 5577, 5597, 5562, 5674, 5676, 5659, 5718, 5444, 5649, 5483, 5503, 5411, 5332, 5350, 5469, 5500, 5553, 5394, 5644, 5657, 5530, 5462 (3 hits)
13	9	1.0	333.0	Yes	5497.9MHz, -64.0dBm	Hop sequence: 5403, 5479, 5313, 5630, 5388, 5454, 5574, 5299, 5525, 5579, 5332, 5292, 5667, 5546, 5409,

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5713, 5513, 5671, 5380, 5497, 5538, 5474, 5467, 5567, 5720, 5571, 5345, 5264, 5609, 5459, 5517, 5530, 5558, 5291, 5267, 5675, 5304, 5430, 5277, 5358, 5666, 5708, 5672, 5269, 5549, 5450, 5663, 5681, 5354, 5374, 5563, 5279, 5361, 5302, 5561, 5481, 5599, 5256, 5651, 5716, 5489, 5432, 5255, 5617, 5519, 5665, 5522, 5384, 5594, 5381, 5674, 5640, 5499, 5642, 5539, 5376, 5473, 5685, 5715, 5349, 5451, 5585, 5625, 5662, 5611, 5462, 5265, 5373, 5408, 5677, 5350, 5618, 5428, 5323, 5320, 5406, 5552, 5325, 5283, 5616 (2 hits)
14	9	1.0	333.0	Yes	5498.9MHz, -64.0dBm	Hop sequence: 5362, 5503, 5360, 5331, 5455, 5491, 5270, 5356, 5322, 5698, 5518, 5678, 5548, 5412, 5669, 5430, 5371, 5675, 5706, 5445, 5632, 5279, 5489, 5703, 5513, 5716, 5580, 5496, 5374, 5313, 5620, 5251, 5312, 5517, 5505, 5588, 5536, 5612, 5504, 5283, 5643, 5342, 5562, 5409, 5474, 5522, 5377, 5369, 5408, 5411, 5551, 5323, 5418, 5424, 5284, 5443, 5575, 5392, 5671, 5714, 5694, 5659, 5422, 5527, 5666, 5305, 5614, 5314, 5584, 5598, 5437, 5367, 5309, 5597, 5492, 5442, 5365, 5596, 5664, 5667, 5481, 5294, 5460, 5567, 5366, 5630, 5353, 5326, 5351, 5296, 5539, 5292, 5701, 5720, 5569, 5649, 5652, 5563, 5516, 5696 (3 hits)
15	9	1.0	333.0	Yes	5499.9MHz, -64.0dBm	Hop sequence: 5292, 5640, 5502, 5395, 5557, 5650, 5693, 5367, 5575, 5461, 5377, 5475, 5563, 5509, 5638, 5532, 5306, 5252, 5623, 5699, 5562, 5598, 5265, 5632, 5680, 5629, 5566, 5679, 5341, 5376, 5328, 5500, 5441, 5669, 5649, 5398, 5494, 5503, 5528, 5373, 5379, 5281, 5539, 5267, 5329, 5686, 5672, 5537, 5275, 5663, 5619, 5682, 5486, 5517, 5260, 5713, 5393, 5531, 5466, 5555, 5501, 5683, 5467, 5590, 5625, 5297, 5615, 5684, 5569, 5450, 5512, 5481, 5255, 5397, 5674, 5254, 5270, 5288, 5580, 5392, 5414, 5293, 5510, 5620, 5554, 5662, 5656, 5508, 5645, 5259, 5600, 5611, 5300, 5250, 5677, 5434, 5330, 5644, 5492, 5344 (4 hits)
16	9	1.0	333.0	Yes	5500.9MHz, -64.0dBm	Hop sequence: 5553, 5289, 5385, 5431, 5372, 5643, 5532, 5302, 5264, 5522, 5433, 5390, 5617, 5636, 5567, 5344, 5635, 5313, 5696, 5415, 5334,

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5419, 5377, 5352, 5536, 5537, 5425, 5337, 5358, 5572, 5724, 5292, 5509, 5547, 5494, 5610, 5306, 5690, 5416, 5559, 5614, 5429, 5484, 5355, 5447, 5269, 5340, 5551, 5520, 5683, 5293, 5602, 5674, 5495, 5324, 5692, 5445, 5676, 5375, 5514, 5330, 5465, 5670, 5316, 5389, 5517, 5262, 5626, 5648, 5320, 5535, 5686, 5475, 5667, 5543, 5452, 5265, 5318, 5323, 5406, 5714, 5477, 5411, 5646, 5662, 5700, 5552, 5641, 5618, 5301, 5469, 5478, 5688, 5395, 5634, 5453, 5457, 5689, 5630, 5498 (1 hits)
17	9	1.0	333.0	Yes	5501.9MHz, -64.0dBm	Hop sequence: 5383, 5407, 5627, 5658, 5389, 5661, 5353, 5385, 5276, 5546, 5600, 5348, 5581, 5668, 5379, 5579, 5587, 5360, 5596, 5269, 5566, 5623, 5365, 5625, 5564, 5331, 5404, 5316, 5422, 5397, 5662, 5673, 5255, 5363, 5409, 5605, 5536, 5689, 5406, 5489, 5471, 5497, 5428, 5604, 5665, 5584, 5460, 5384, 5480, 5562, 5614, 5556, 5323, 5509, 5356, 5358, 5525, 5639, 5704, 5637, 5496, 5329, 5467, 5398, 5292, 5355, 5310, 5703, 5465, 5713, 5344, 5595, 5695, 5609, 5715, 5425, 5723, 5492, 5264, 5433, 5563, 5396, 5456, 5544, 5675, 5461, 5381, 5282, 5345, 5393, 5388, 5412, 5444, 5663, 5521, 5721, 5372, 5701, 5645, 5633 (2 hits)
18	9	1.0	333.0	Yes	5502.9MHz, -64.0dBm	Hop sequence: 5456, 5366, 5509, 5706, 5495, 5717, 5344, 5416, 5647, 5544, 5351, 5652, 5723, 5486, 5583, 5420, 5414, 5587, 5599, 5368, 5260, 5615, 5490, 5725, 5666, 5578, 5447, 5474, 5494, 5628, 5489, 5503, 5365, 5591, 5689, 5699, 5626, 5625, 5337, 5295, 5291, 5338, 5641, 5562, 5479, 5279, 5276, 5561, 5677, 5391, 5526, 5399, 5302, 5450, 5719, 5328, 5448, 5442, 5333, 5352, 5516, 5381, 5658, 5417, 5315, 5342, 5411, 5536, 5313, 5675, 5413, 5270, 5388, 5354, 5251, 5461, 5629, 5376, 5572, 5655, 5465, 5410, 5653, 5540, 5488, 5606, 5449, 5451, 5262, 5304, 5643, 5307, 5298, 5596, 5665, 5550, 5674, 5324, 5305, 5520 (1 hits)
19	9	1.0	333.0	Yes	5503.9MHz, -64.0dBm	Hop sequence: 5693, 5386, 5333, 5713, 5295, 5476, 5314, 5701, 5462, 5495, 5392, 5447, 5440, 5481, 5538, 5604, 5257, 5325, 5634, 5707, 5355, 5622, 5545, 5448, 5351, 5546, 5631,

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5289, 5436, 5501, 5276, 5449, 5503, 5550, 5543, 5374, 5516, 5510, 5327, 5383, 5563, 5466, 5666, 5324, 5537, 5583, 5587, 5677, 5688, 5628, 5274, 5284, 5365, 5273, 5575, 5703, 5700, 5458, 5446, 5670, 5315, 5300, 5560, 5349, 5614, 5406, 5566, 5684, 5665, 5485, 5320, 5498, 5479, 5571, 5557, 5345, 5396, 5598, 5710, 5505, 5346, 5266, 5398, 5608, 5329, 5474, 5410, 5541, 5334, 5372, 5588, 5694, 5593, 5385, 5306, 5533, 5620, 5360, 5450, 5542 (3 hits)
20	9	1.0	333.0	Yes	5504.1MHz, -64.0dBm	Hop sequence: 5540, 5507, 5401, 5271, 5524, 5441, 5414, 5442, 5369, 5432, 5351, 5528, 5721, 5411, 5447, 5272, 5302, 5394, 5295, 5345, 5701, 5655, 5282, 5610, 5327, 5460, 5451, 5593, 5498, 5527, 5644, 5563, 5419, 5601, 5347, 5557, 5291, 5687, 5338, 5399, 5656, 5355, 5502, 5618, 5446, 5367, 5336, 5680, 5706, 5384, 5339, 5503, 5501, 5459, 5310, 5533, 5572, 5396, 5588, 5307, 5559, 5381, 5423, 5622, 5449, 5585, 5688, 5586, 5391, 5513, 5496, 5592, 5516, 5335, 5597, 5474, 5425, 5652, 5313, 5463, 5691, 5648, 5366, 5642, 5477, 5364, 5415, 5505, 5389, 5376, 5489, 5408, 5448, 5654, 5578, 5679, 5266, 5322, 5329, 5542 (5 hits)
21	9	1.0	333.0	Yes	5495.9MHz, -64.0dBm	Hop sequence: 5651, 5682, 5661, 5454, 5378, 5350, 5578, 5556, 5260, 5543, 5343, 5431, 5696, 5502, 5408, 5514, 5529, 5345, 5304, 5555, 5624, 5282, 5566, 5516, 5692, 5678, 5660, 5545, 5388, 5329, 5585, 5346, 5335, 5721, 5415, 5338, 5397, 5347, 5588, 5434, 5699, 5264, 5354, 5376, 5369, 5552, 5490, 5349, 5336, 5596, 5331, 5544, 5562, 5539, 5568, 5275, 5609, 5294, 5443, 5684, 5406, 5535, 5657, 5708, 5499, 5484, 5497, 5447, 5508, 5380, 5271, 5681, 5413, 5384, 5317, 5265, 5486, 5429, 5586, 5467, 5390, 5252, 5293, 5557, 5685, 5603, 5605, 5494, 5703, 5392, 5332, 5311, 5256, 5333, 5639, 5368, 5412, 5686, 5452, 5459 (3 hits)
22	9	1.0	333.0	Yes	5496.9MHz, -64.0dBm	Hop sequence: 5433, 5327, 5606, 5646, 5302, 5562, 5328, 5382, 5522, 5567, 5564, 5537, 5702, 5292, 5616, 5464, 5494, 5596, 5586, 5665, 5692, 5453, 5705, 5388, 5398, 5560, 5447, 5401, 5721, 5313, 5348, 5469, 5315,

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5333, 5314, 5375, 5514, 5250, 5541, 5349, 5430, 5664, 5632, 5533, 5495, 5419, 5670, 5317, 5343, 5610, 5255, 5295, 5283, 5429, 5323, 5322, 5658, 5608, 5671, 5408, 5359, 5486, 5471, 5304, 5500, 5505, 5346, 5503, 5637, 5273, 5501, 5297, 5336, 5423, 5603, 5311, 5358, 5681, 5627, 5412, 5357, 5477, 5265, 5549, 5428, 5455, 5655, 5257, 5530, 5476, 5263, 5435, 5431, 5370, 5411, 5372, 5707, 5649, 5350, 5438 (3 hits)
23	9	1.0	333.0	Yes	5497.9MHz, -64.0dBm	Hop sequence: 5548, 5345, 5556, 5524, 5687, 5563, 5383, 5560, 5648, 5303, 5642, 5725, 5301, 5517, 5561, 5320, 5720, 5677, 5633, 5447, 5394, 5264, 5315, 5497, 5369, 5368, 5716, 5574, 5346, 5266, 5407, 5433, 5672, 5275, 5684, 5514, 5537, 5324, 5403, 5289, 5360, 5627, 5600, 5294, 5256, 5499, 5281, 5562, 5363, 5441, 5611, 5400, 5646, 5476, 5351, 5550, 5681, 5504, 5549, 5570, 5459, 5253, 5310, 5405, 5606, 5521, 5585, 5306, 5312, 5268, 5535, 5254, 5286, 5591, 5370, 5588, 5477, 5307, 5551, 5416, 5445, 5367, 5614, 5305, 5660, 5434, 5516, 5450, 5624, 5473, 5592, 5446, 5317, 5390, 5705, 5481, 5348, 5544, 5698, 5371 (3 hits)
24	9	1.0	333.0	Yes	5498.9MHz, -64.0dBm	Hop sequence: 5312, 5526, 5479, 5699, 5361, 5342, 5531, 5666, 5463, 5325, 5474, 5355, 5712, 5289, 5457, 5505, 5696, 5307, 5636, 5344, 5710, 5453, 5399, 5416, 5283, 5421, 5705, 5589, 5621, 5520, 5596, 5707, 5485, 5500, 5546, 5408, 5365, 5600, 5404, 5329, 5502, 5709, 5455, 5279, 5550, 5570, 5288, 5630, 5720, 5653, 5617, 5584, 5616, 5549, 5694, 5341, 5424, 5411, 5564, 5480, 5575, 5552, 5498, 5314, 5536, 5353, 5602, 5434, 5254, 5674, 5439, 5721, 5328, 5310, 5415, 5372, 5332, 5640, 5619, 5304, 5477, 5357, 5322, 5669, 5487, 5380, 5608, 5488, 5555, 5659, 5266, 5507, 5418, 5334, 5276, 5263, 5503, 5567, 5429, 5650 (4 hits)
25	9	1.0	333.0	Yes	5499.9MHz, -64.0dBm	Hop sequence: 5260, 5647, 5508, 5391, 5336, 5607, 5538, 5362, 5496, 5365, 5619, 5353, 5674, 5612, 5667, 5529, 5617, 5377, 5271, 5395, 5690, 5628, 5329, 5370, 5598, 5594, 5631, 5284, 5569, 5491, 5334, 5301, 5400, 5333, 5282, 5621, 5537, 5692, 5447,

Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5380, 5439, 5412, 5566, 5611, 5596, 5427, 5472, 5599, 5545, 5656, 5605, 5279, 5577, 5497, 5526, 5583, 5452, 5358, 5262, 5359, 5341, 5591, 5376, 5564, 5685, 5478, 5517, 5414, 5425, 5559, 5520, 5360, 5681, 5398, 5261, 5356, 5701, 5571, 5449, 5255, 5555, 5348, 5451, 5354, 5390, 5510, 5387, 5325, 5319, 5401, 5549, 5483, 5523, 5490, 5295, 5661, 5536, 5448, 5669, 5465 (2 hits)
26	9	1.0	333.0	Yes	5500.9MHz, -64.0dBm	Hop sequence: 5517, 5323, 5637, 5677, 5310, 5392, 5520, 5273, 5473, 5423, 5720, 5342, 5547, 5260, 5462, 5286, 5692, 5258, 5576, 5559, 5719, 5533, 5313, 5609, 5336, 5532, 5418, 5579, 5554, 5615, 5629, 5413, 5700, 5699, 5703, 5568, 5409, 5698, 5563, 5333, 5708, 5341, 5365, 5454, 5718, 5398, 5304, 5449, 5642, 5592, 5715, 5393, 5426, 5603, 5585, 5422, 5646, 5266, 5352, 5620, 5288, 5402, 5424, 5664, 5564, 5630, 5490, 5659, 5416, 5548, 5407, 5584, 5696, 5623, 5326, 5605, 5680, 5499, 5410, 5553, 5457, 5656, 5581, 5269, 5510, 5534, 5567, 5595, 5650, 5430, 5575, 5570, 5470, 5338, 5506, 5522, 5441, 5460, 5452, 5538 (1 hits)
27	9	1.0	333.0	Yes	5501.9MHz, -64.0dBm	Hop sequence: 5404, 5548, 5389, 5490, 5483, 5472, 5687, 5502, 5328, 5304, 5623, 5388, 5689, 5413, 5652, 5320, 5628, 5722, 5534, 5658, 5345, 5721, 5269, 5514, 5288, 5518, 5581, 5318, 5363, 5314, 5695, 5334, 5515, 5300, 5497, 5279, 5342, 5441, 5606, 5672, 5725, 5639, 5353, 5549, 5717, 5252, 5568, 5434, 5419, 5598, 5338, 5351, 5504, 5313, 5469, 5618, 5488, 5282, 5638, 5685, 5625, 5494, 5521, 5670, 5704, 5365, 5641, 5348, 5697, 5642, 5550, 5512, 5280, 5608, 5478, 5542, 5699, 5311, 5509, 5284, 5651, 5449, 5452, 5384, 5326, 5554, 5266, 5709, 5560, 5574, 5379, 5538, 5397, 5465, 5627, 5374, 5541, 5459, 5295, 5456 (3 hits)
28	9	1.0	333.0	Yes	5502.9MHz, -64.0dBm	Hop sequence: 5334, 5710, 5518, 5325, 5420, 5539, 5497, 5683, 5573, 5296, 5314, 5509, 5258, 5612, 5558, 5638, 5688, 5383, 5605, 5672, 5526, 5402, 5540, 5494, 5473, 5547, 5721, 5577, 5295, 5397, 5664, 5271, 5621, 5568, 5408, 5451, 5551, 5434, 5642, 5691, 5714, 5521, 5260, 5400, 5651,



Table 48 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5407, 5485, 5320, 5475, 5480, 5401, 5698, 5606, 5469, 5318, 5572, 5566, 5279, 5617, 5599, 5331, 5430, 5574, 5486, 5515, 5287, 5311, 5415, 5511, 5674, 5374, 5644, 5724, 5555, 5650, 5548, 5444, 5253, 5319, 5649, 5393, 5564, 5524, 5274, 5528, 5662, 5625, 5499, 5459, 5468, 5484, 5504, 5301, 5682, 5490, 5663, 5390, 5595, 5622, 5560 (3 hits)
29	9	1.0	333.0	Yes	5503.9MHz, -64.0dBm	Hop sequence: 5646, 5630, 5336, 5514, 5434, 5566, 5380, 5471, 5335, 5608, 5648, 5680, 5379, 5637, 5482, 5501, 5641, 5478, 5390, 5567, 5353, 5558, 5265, 5516, 5500, 5321, 5554, 5340, 5492, 5273, 5686, 5348, 5267, 5318, 5709, 5714, 5389, 5711, 5293, 5386, 5355, 5720, 5494, 5345, 5645, 5372, 5724, 5590, 5376, 5667, 5507, 5612, 5330, 5358, 5650, 5337, 5672, 5447, 5601, 5607, 5342, 5388, 5270, 5526, 5457, 5381, 5656, 5369, 5692, 5301, 5527, 5712, 5480, 5542, 5620, 5429, 5629, 5719, 5528, 5498, 5597, 5253, 5479, 5520, 5322, 5359, 5268, 5583, 5416, 5657, 5515, 5582, 5537, 5303, 5261, 5288, 5513, 5578, 5669, 5676 (3 hits)
30	9	1.0	333.0	Yes	5504.1MHz, -64.0dBm	Hop sequence: 5277, 5376, 5523, 5260, 5624, 5424, 5432, 5502, 5314, 5554, 5698, 5689, 5329, 5336, 5669, 5364, 5337, 5404, 5608, 5297, 5652, 5576, 5550, 5696, 5672, 5615, 5307, 5344, 5631, 5303, 5456, 5421, 5693, 5318, 5393, 5632, 5699, 5590, 5675, 5391, 5399, 5392, 5605, 5360, 5341, 5403, 5444, 5511, 5279, 5417, 5400, 5544, 5628, 5553, 5295, 5571, 5379, 5638, 5578, 5462, 5545, 5627, 5513, 5373, 5339, 5705, 5721, 5677, 5345, 5455, 5363, 5613, 5453, 5356, 5557, 5294, 5654, 5602, 5414, 5610, 5362, 5640, 5257, 5412, 5500, 5706, 5259, 5704, 5685, 5488, 5636, 5367, 5358, 5296, 5501, 5443, 5658, 5543, 5368, 5308 (3 hits)

**Table 49 - Detection Bandwidth Measurements (Bandwidth: +8.3MHz /-8.5MHz) 20MHz**

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5491.00 MHz	0	2	0
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5491.40 MHz	0	2	0
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5491.50 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5492.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5493.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5494.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5506.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5507.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5508.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5508.30 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5508.40 MHz	1	2	33
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5509.00 MHz	1	2	33

**Table 50 - FCC Short Pulse Radar (Type 1A) Results 20MHz**

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	74	1.0	718.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	89	1.0	598.0	Yes	5502.3MHz,-64.0dBm	Single burst
3	67	1.0	798.0	Yes	5503.9MHz,-64.0dBm	Single burst
4	68	1.0	778.0	Yes	5505.0MHz,-64.0dBm	Single burst
5	61	1.0	878.0	Yes	5508.2MHz,-64.0dBm	Single burst
6	92	1.0	578.0	Yes	5491.8MHz,-64.0dBm	Single burst
7	86	1.0	618.0	Yes	5491.9MHz,-64.0dBm	Single burst
8	63	1.0	838.0	Yes	5493.2MHz,-64.0dBm	Single burst
9	72	1.0	738.0	Yes	5497.1MHz,-64.0dBm	Single burst
10	99	1.0	538.0	Yes	5500.3MHz,-64.0dBm	Single burst
11	70	1.0	758.0	Yes	5501.5MHz,-64.0dBm	Single burst
12	81	1.0	658.0	Yes	5504.0MHz,-64.0dBm	Single burst
13	57	1.0	938.0	Yes	5506.6MHz,-64.0dBm	Single burst
14	83	1.0	638.0	Yes	5508.2MHz,-64.0dBm	Single burst
15	76	1.0	698.0	Yes	5491.8MHz,-64.0dBm	Single burst

**Table 51 - FCC Short Pulse Radar (Type 1B) Results 20MHz**

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	50	1.0	1064.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	26	1.0	2044.0	Yes	5501.0MHz,-64.0dBm	Single burst
3	41	1.0	1309.0	Yes	5502.4MHz,-64.0dBm	Single burst
4	23	1.0	2386.0	Yes	5504.7MHz,-64.0dBm	Single burst
5	21	1.0	2561.0	Yes	5506.5MHz,-64.0dBm	Single burst
6	55	1.0	964.0	Yes	5507.8MHz,-64.0dBm	Single burst
7	32	1.0	1696.0	Yes	5508.2MHz,-64.0dBm	Single burst
8	30	1.0	1803.0	Yes	5491.8MHz,-64.0dBm	Single burst
9	36	1.0	1474.0	Yes	5493.8MHz,-64.0dBm	Single burst
10	27	1.0	1973.0	Yes	5495.1MHz,-64.0dBm	Single burst

<b>Table 51 - FCC Short Pulse Radar (Type 1B) Results 20MHz</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
11	29	1.0	1828.0	Yes	5498.8MHz,-64.0dBm	Single burst
12	46	1.0	1162.0	Yes	5500.3MHz,-64.0dBm	Single burst
13	44	1.0	1214.0	Yes	5503.1MHz,-64.0dBm	Single burst
14	74	1.0	716.0	Yes	5506.2MHz,-64.0dBm	Single burst
15	32	1.0	1692.0	Yes	5508.2MHz,-64.0dBm	Single burst

<b>Table 52 - FCC Short Pulse Radar (Type 2) Results 20MHz</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	28	4.2	198.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	28	1.9	227.0	Yes	5501.1MHz,-64.0dBm	Single burst
3	24	4.3	196.0	Yes	5504.4MHz,-64.0dBm	Single burst
4	27	2.8	185.0	Yes	5505.5MHz,-64.0dBm	Single burst
5	26	2.8	195.0	Yes	5508.2MHz,-64.0dBm	Single burst
6	29	2.9	165.0	Yes	5508.2MHz,-64.0dBm	Single burst
7	24	1.6	183.0	Yes	5491.8MHz,-64.0dBm	Single burst
8	29	3.3	178.0	Yes	5492.5MHz,-64.0dBm	Single burst
9	25	1.2	225.0	Yes	5495.7MHz,-64.0dBm	Single burst
10	29	1.5	226.0	Yes	5497.3MHz,-64.0dBm	Single burst
11	25	1.0	200.0	Yes	5500.0MHz,-64.0dBm	Single burst
12	28	3.7	197.0	Yes	5501.0MHz,-64.0dBm	Single burst
13	29	4.2	220.0	Yes	5504.2MHz,-64.0dBm	Single burst
14	29	2.5	153.0	Yes	5507.3MHz,-64.0dBm	Single burst
15	27	1.5	169.0	Yes	5508.2MHz,-64.0dBm	Single burst
16	27	1.6	186.0	Yes	5491.8MHz,-64.0dBm	Single burst
17	28	3.8	217.0	Yes	5493.5MHz,-64.0dBm	Single burst
18	28	3.3	195.0	Yes	5495.8MHz,-64.0dBm	Single burst
19	25	1.4	229.0	Yes	5497.5MHz,-64.0dBm	Single burst
20	26	2.6	182.0	Yes	5500.9MHz,-64.0dBm	Single burst
21	24	4.3	160.0	Yes	5503.8MHz,-64.0dBm	Single burst
22	25	4.8	204.0	Yes	5506.2MHz,-64.0dBm	Single burst
23	26	3.9	219.0	Yes	5508.2MHz,-64.0dBm	Single burst
24	27	2.6	229.0	Yes	5491.8MHz,-64.0dBm	Single burst
25	25	3.9	190.0	Yes	5491.8MHz,-64.0dBm	Single burst
26	24	1.1	153.0	Yes	5492.9MHz,-64.0dBm	Single burst
27	27	3.4	163.0	Yes	5495.9MHz,-64.0dBm	Single burst
28	24	2.7	225.0	Yes	5499.0MHz,-64.0dBm	Single burst
29	24	2.7	181.0	Yes	5501.3MHz,-64.0dBm	Single burst
30	25	1.5	198.0	Yes	5502.5MHz,-64.0dBm	Single burst

<b>Table 53 - FCC Short Pulse Radar (Type 3) Results 20MHz</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	17	9.5	278.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	18	6.2	279.0	Yes	5501.7MHz,-64.0dBm	Single burst
3	17	7.9	365.0	Yes	5502.7MHz,-64.0dBm	Single burst
4	17	6.5	390.0	Yes	5505.2MHz,-64.0dBm	Single burst
5	17	7.8	435.0	Yes	5506.8MHz,-64.0dBm	Single burst

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
6	16	9.6	396.0	Yes	5508.2MHz,-64.0dBm	Single burst
7	16	9.6	496.0	Yes	5491.8MHz,-64.0dBm	Single burst
8	16	8.6	221.0	Yes	5492.7MHz,-64.0dBm	Single burst
9	16	8.3	306.0	Yes	5496.5MHz,-64.0dBm	Single burst
10	17	8.6	245.0	Yes	5498.5MHz,-64.0dBm	Single burst
11	18	9.9	417.0	Yes	5502.2MHz,-64.0dBm	Single burst
12	16	6.8	438.0	Yes	5505.0MHz,-64.0dBm	Single burst
13	18	6.7	367.0	Yes	5506.3MHz,-64.0dBm	Single burst
14	16	6.2	312.0	Yes	5508.0MHz,-64.0dBm	Single burst
15	17	8.7	385.0	Yes	5508.2MHz,-64.0dBm	Single burst
16	18	6.8	206.0	Yes	5491.8MHz,-64.0dBm	Single burst
17	17	8.7	492.0	Yes	5492.4MHz,-64.0dBm	Single burst
18	16	8.2	391.0	Yes	5494.3MHz,-64.0dBm	Single burst
19	16	8.2	359.0	Yes	5496.6MHz,-64.0dBm	Single burst
20	17	8.9	315.0	Yes	5498.7MHz,-64.0dBm	Single burst
21	16	7.8	427.0	Yes	5501.5MHz,-64.0dBm	Single burst
22	18	7.0	442.0	Yes	5503.4MHz,-64.0dBm	Single burst
23	17	7.2	409.0	Yes	5506.9MHz,-64.0dBm	Single burst
24	17	9.6	424.0	Yes	5508.2MHz,-64.0dBm	Single burst
25	17	9.2	308.0	Yes	5491.8MHz,-64.0dBm	Single burst
26	18	6.1	373.0	Yes	5493.1MHz,-64.0dBm	Single burst
27	18	9.8	376.0	Yes	5494.3MHz,-64.0dBm	Single burst
28	18	9.7	462.0	Yes	5498.0MHz,-64.0dBm	Single burst
29	16	8.9	328.0	Yes	5499.6MHz,-64.0dBm	Single burst
30	17	8.3	430.0	Yes	5503.1MHz,-64.0dBm	Single burst

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	14	11.8	328.0	Yes	5500.0MHz,-64.0dBm	Single burst
2	15	13.1	458.0	Yes	5501.3MHz,-64.0dBm	Single burst
3	14	13.8	366.0	Yes	5504.6MHz,-64.0dBm	Single burst
4	12	16.7	454.0	Yes	5506.7MHz,-64.0dBm	Single burst
5	15	11.7	324.0	Yes	5508.2MHz,-64.0dBm	Single burst
6	16	13.7	270.0	Yes	5491.8MHz,-64.0dBm	Single burst
7	14	13.7	445.0	Yes	5493.0MHz,-64.0dBm	Single burst
8	15	16.0	228.0	Yes	5496.3MHz,-64.0dBm	Single burst
9	12	14.4	492.0	Yes	5499.0MHz,-64.0dBm	Single burst
10	14	15.1	469.0	Yes	5501.6MHz,-64.0dBm	Single burst
11	14	14.9	478.0	Yes	5505.5MHz,-64.0dBm	Single burst
12	13	13.4	490.0	Yes	5508.2MHz,-64.0dBm	Single burst
13	13	16.6	250.0	Yes	5491.8MHz,-64.0dBm	Single burst
14	13	12.5	208.0	Yes	5494.1MHz,-64.0dBm	Single burst
15	14	12.9	427.0	Yes	5496.8MHz,-64.0dBm	Single burst
16	14	17.4	349.0	Yes	5499.4MHz,-64.0dBm	Single burst
17	14	15.8	471.0	Yes	5501.2MHz,-64.0dBm	Single burst
18	13	17.3	363.0	Yes	5503.3MHz,-64.0dBm	Single burst
19	13	13.3	455.0	Yes	5505.7MHz,-64.0dBm	Single burst
20	15	12.5	466.0	Yes	5507.7MHz,-64.0dBm	Single burst
21	13	13.4	386.0	Yes	5508.2MHz,-64.0dBm	Single burst

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
22	14	13.0	491.0	Yes	5491.8MHz,-64.0dBm	Single burst
23	13	17.7	287.0	Yes	5492.5MHz,-64.0dBm	Single burst
24	15	11.7	307.0	Yes	5493.9MHz,-64.0dBm	Single burst
25	15	11.2	386.0	Yes	5496.4MHz,-64.0dBm	Single burst
26	12	11.6	487.0	Yes	5498.7MHz,-64.0dBm	Single burst
27	13	12.1	450.0	Yes	5501.6MHz,-64.0dBm	Single burst
28	15	12.1	307.0	Yes	5504.7MHz,-64.0dBm	Single burst
29	16	19.9	353.0	Yes	5505.9MHz,-64.0dBm	Single burst
30	16	13.8	229.0	Yes	5507.2MHz,-64.0dBm	Single burst

FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5500.0MHz,-64.0dBm
Trial #2	Detected	5500.0MHz,-64.0dBm
Trial #3	Detected	5500.0MHz,-64.0dBm
Trial #4	Detected	5500.0MHz,-64.0dBm
Trial #5	Detected	5500.0MHz,-64.0dBm
Trial #6	Detected	5500.0MHz,-64.0dBm
Trial #7	Detected	5500.0MHz,-64.0dBm
Trial #8	Detected	5500.0MHz,-64.0dBm
Trial #9	Detected	5500.0MHz,-64.0dBm
Trial #10	Detected	5500.0MHz,-64.0dBm
Trial #11	Detected	5495.0MHz,-64.0dBm
Trial #12	Detected	5495.0MHz,-64.0dBm
Trial #13	Detected	5498.2MHz,-64.0dBm
Trial #14	Detected	5499.8MHz,-64.0dBm
Trial #15	Detected	5498.6MHz,-64.0dBm
Trial #16	Detected	5498.2MHz,-64.0dBm
Trial #17	Detected	5497.4MHz,-64.0dBm
Trial #18	Detected	5499.8MHz,-64.0dBm
Trial #19	Detected	5495.4MHz,-64.0dBm
Trial #20	Detected	5498.2MHz,-64.0dBm
Trial #21	Detected	5505.8MHz,-64.0dBm
Trial #22	Detected	5505.8MHz,-64.0dBm
Trial #23	Detected	5501.8MHz,-64.0dBm
Trial #24	Detected	5505.0MHz,-64.0dBm
Trial #25	Detected	5502.6MHz,-64.0dBm
Trial #26	Detected	5500.6MHz,-64.0dBm
Trial #27	Detected	5501.8MHz,-64.0dBm
Trial #28	Detected	5504.6MHz,-64.0dBm
Trial #29	Detected	5504.6MHz,-64.0dBm
Trial #30	Detected	5503.0MHz,-64.0dBm

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.5	12	1464.0	-	0.343106
2	2	94.7	12	1453.0	-	1.044473

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
3	1	82.4	12	-	-	2.792377
4	2	60.2	12	1788.0	-	3.715717
5	3	58.0	12	1740.0	1840.0	4.940402
6	3	59.9	12	1240.0	1891.0	5.527426
7	1	98.7	12	-	-	6.108715
8	2	53.1	12	1223.0	-	7.118148
9	3	79.8	12	1617.0	1289.0	8.201437
10	2	56.1	12	1696.0	-	9.352463
11	1	81.7	12	-	-	10.098885
12	3	89.4	12	1834.0	1748.0	11.000564

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.3	6	1453.0	-	0.859142
2	1	54.2	6	-	-	2.282205
3	1	87.3	6	-	-	3.300075
4	3	65.7	6	1191.0	1249.0	4.219770
5	1	55.0	6	-	-	5.770551
6	2	59.0	6	1864.0	-	6.186790
7	2	94.5	6	1189.0	-	7.396709
8	2	69.7	6	1249.0	-	9.573195
9	3	95.9	6	1552.0	1976.0	10.423361
10	3	91.9	6	1151.0	1136.0	11.828510

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.7	20	1698.0	-	0.816963
2	2	55.3	20	1611.0	-	1.561726
3	1	86.5	20	-	-	3.839319
4	2	97.5	20	1083.0	-	5.192261
5	2	77.3	20	1942.0	-	5.629525
6	2	50.3	20	1291.0	-	7.710810
7	2	52.5	20	1035.0	-	8.276373
8	2	81.8	20	1466.0	-	9.552201
9	2	94.7	20	1635.0	-	11.478156

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	66.5	9	1217.0	1799.0	0.338310
2	2	99.3	9	1873.0	-	1.304479
3	3	53.3	9	1109.0	1798.0	2.388860
4	2	72.3	9	1884.0	-	3.428863
5	2	52.7	9	1124.0	-	4.605885
6	1	56.9	9	-	-	5.358430
7	2	85.8	9	1856.0	-	6.043776
8	2	98.9	9	1183.0	-	6.800058

<b>Table 59 - FCC Long Pulse Radar (Type 5) Waveform Trial#4 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
9	2	56.4	9	1767.0	-	8.000692
10	3	86.4	9	1275.0	1891.0	9.107722
11	3	52.4	9	1142.0	1624.0	10.149460
12	3	80.4	9	1850.0	1786.0	11.013028
13	3	90.5	9	1656.0	1078.0	11.310356

<b>Table 60 - FCC Long Pulse Radar (Type 5) Waveform Trial#5 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.0	6	1233.0	-	0.584009
2	2	66.1	6	1888.0	-	0.863678
3	1	97.9	6	-	-	1.975491
4	1	51.6	6	-	-	2.341307
5	2	77.7	6	1893.0	-	2.730085
6	1	97.1	6	-	-	3.926534
7	2	63.5	6	1317.0	-	4.401933
8	2	80.7	6	1508.0	-	5.043375
9	3	66.4	6	1161.0	1156.0	5.832345
10	2	58.2	6	1081.0	-	6.082931
11	2	99.3	6	1498.0	-	6.697779
12	3	82.0	6	1537.0	1362.0	7.572539
13	2	59.3	6	1985.0	-	8.505835
14	3	82.2	6	1694.0	1462.0	8.803441
15	1	77.3	6	-	-	9.487360
16	2	92.5	6	1576.0	-	10.249729
17	3	78.5	6	1142.0	1249.0	10.983797
18	3	60.9	6	1558.0	1856.0	11.693390

<b>Table 61 - FCC Long Pulse Radar (Type 5) Waveform Trial#6 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	71.7	10	-	-	0.823457
2	2	61.4	10	1168.0	-	1.590763
3	2	67.9	10	1744.0	-	2.099000
4	2	81.4	10	1187.0	-	3.257526
5	3	73.6	10	1793.0	1549.0	4.191930
6	3	93.2	10	1037.0	1895.0	4.994563
7	3	65.4	10	1572.0	1223.0	5.432263
8	2	95.4	10	1885.0	-	6.653458
9	2	70.9	10	1227.0	-	7.075057
10	1	69.3	10	-	-	8.303227
11	3	60.9	10	1602.0	1813.0	8.676051
12	3	75.4	10	1943.0	1289.0	9.601315
13	2	57.1	10	1248.0	-	10.382430
14	3	92.0	10	1846.0	1768.0	11.208185

<b>Table 62 - FCC Long Pulse Radar (Type 5) Waveform Trial#7 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	54.6	11	-	-	0.062008
2	2	78.8	11	1490.0	-	1.202742
3	3	51.4	11	1307.0	1621.0	1.484658
4	2	59.1	11	1843.0	-	2.083299
5	2	87.5	11	1314.0	-	3.001688
6	2	87.9	11	1802.0	-	3.708011
7	3	74.8	11	1756.0	1681.0	4.361467
8	2	83.2	11	1754.0	-	4.807280
9	3	72.5	11	1940.0	1484.0	5.624959
10	2	85.1	11	1238.0	-	6.238753
11	3	89.0	11	1386.0	1844.0	6.427220
12	2	77.1	11	1353.0	-	7.383952
13	2	79.3	11	1728.0	-	7.596820
14	3	98.2	11	1426.0	1477.0	8.728907
15	1	94.8	11	-	-	9.006875
16	2	56.7	11	1435.0	-	9.658204
17	2	69.1	11	1703.0	-	10.433670
18	2	71.4	11	1574.0	-	10.840022
19	3	77.0	11	1709.0	1597.0	11.774543

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.0	17	1208.0	-	0.819143
2	1	52.4	17	-	-	1.820416
3	3	55.2	17	1745.0	1664.0	3.175091
4	3	96.1	17	1637.0	1317.0	3.509270
5	3	78.8	17	1645.0	1717.0	4.580440
6	2	82.8	17	1111.0	-	6.302092
7	3	69.1	17	1489.0	1312.0	7.082620
8	1	99.3	17	-	-	7.691578
9	1	86.9	17	-	-	9.546138
10	2	99.5	17	1935.0	-	10.105240
11	1	81.2	17	-	-	11.883555

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.2	15	1438.0	-	0.317724
2	2	82.8	15	1209.0	-	0.710013
3	2	83.8	15	1048.0	-	1.526022
4	1	97.3	15	-	-	1.957199
5	3	67.8	15	1386.0	1969.0	2.642048
6	2	80.2	15	1018.0	-	3.489097
7	2	62.7	15	1667.0	-	4.133727
8	2	80.4	15	1315.0	-	4.676683
9	1	93.9	15	-	-	5.641672
10	2	70.5	15	1004.0	-	5.778548
11	3	58.6	15	1858.0	1567.0	6.667456
12	3	94.6	15	1015.0	1531.0	7.314397



<b>Table 64 - FCC Long Pulse Radar (Type 5) Waveform Trial#9 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
13	2	72.0	15	1522.0	-	8.037225
14	3	81.9	15	1695.0	1316.0	8.627255
15	2	52.1	15	1458.0	-	8.906894
16	3	66.3	15	1161.0	1902.0	9.896367
17	1	50.5	15	-	-	10.694162
18	2	60.3	15	1991.0	-	11.344939
19	3	91.7	15	1435.0	1416.0	11.934460

<b>Table 65 - FCC Long Pulse Radar (Type 5) Waveform Trial#10 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.5	9	1337.0	-	0.059153
2	3	96.6	9	1197.0	1164.0	1.215258
3	1	74.9	9	-	-	1.923753
4	3	63.8	9	1211.0	1106.0	2.533460
5	2	79.5	9	1667.0	-	3.025052
6	1	94.9	9	-	-	4.193570
7	3	76.2	9	1953.0	1070.0	4.758031
8	2	55.7	9	1356.0	-	5.083104
9	2	98.7	9	1663.0	-	5.707816
10	3	97.3	9	1123.0	1825.0	6.820480
11	2	68.8	9	1676.0	-	7.680266
12	3	69.8	9	1965.0	1858.0	8.031082
13	3	56.5	9	1790.0	1158.0	9.017949
14	1	88.0	9	-	-	9.686209
15	3	62.9	9	1133.0	1698.0	10.552564
16	1	61.5	9	-	-	11.034218
17	2	96.0	9	1368.0	-	11.364803

<b>Table 66 - FCC Long Pulse Radar (Type 5) Waveform Trial#11 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	51.6	8	1416.0	1593.0	0.582228
2	1	58.2	8	-	-	1.228064
3	1	65.6	8	-	-	2.317965
4	1	59.5	8	-	-	3.219407
5	3	97.3	8	1974.0	1030.0	3.711184
6	3	96.6	8	1434.0	1468.0	4.965123
7	2	92.6	8	1521.0	-	5.792750
8	1	74.7	8	-	-	6.764847
9	3	85.0	8	1385.0	1873.0	7.768767
10	1	57.8	8	-	-	9.023446
11	2	54.5	8	1738.0	-	9.265618
12	2	93.5	8	1090.0	-	10.904101
13	1	83.7	8	-	-	11.836089

<b>Table 67 - FCC Long Pulse Radar (Type 5) Waveform Trial#12 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)

<b>Table 67 - FCC Long Pulse Radar (Type 5) Waveform Trial#12 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.9	8	1113.0	-	0.251441
2	2	73.9	8	1697.0	-	0.725661
3	2	84.2	8	1592.0	-	1.380262
4	1	78.3	8	-	-	2.190483
5	2	85.0	8	1851.0	-	2.788549
6	1	97.5	8	-	-	3.302329
7	3	61.7	8	1916.0	1778.0	4.299529
8	3	80.9	8	1976.0	1986.0	4.690007
9	1	90.3	8	-	-	5.318638
10	2	73.8	8	1061.0	-	6.283250
11	2	92.0	8	1724.0	-	6.391361
12	3	66.3	8	1779.0	1461.0	7.543581
13	3	61.1	8	1048.0	1996.0	7.797360
14	3	77.5	8	1235.0	1227.0	8.744551
15	1	89.7	8	-	-	9.073325
16	3	77.5	8	1602.0	1880.0	9.521805
17	2	83.3	8	1527.0	-	10.683024
18	1	63.9	8	-	-	10.816725
19	2	52.1	8	1388.0	-	11.391822

<b>Table 68 - FCC Long Pulse Radar (Type 5) Waveform Trial#13 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	74.4	16	1699.0	1279.0	0.000157
2	2	66.9	16	1264.0	-	1.682493
3	2	51.9	16	1511.0	-	2.670771
4	3	99.3	16	1311.0	1412.0	3.566896
5	2	93.2	16	1774.0	-	4.074199
6	1	56.2	16	-	-	5.347832
7	2	76.9	16	1935.0	-	6.063319
8	3	61.0	16	1261.0	1440.0	7.135723
9	2	81.7	16	1518.0	-	7.915297
10	1	63.1	16	-	-	8.750953
11	2	53.6	16	1313.0	-	9.650994
12	1	90.7	16	-	-	11.039523
13	3	84.3	16	1174.0	1821.0	11.597436

<b>Table 69 - FCC Long Pulse Radar (Type 5) Waveform Trial#14 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	94.2	20	1593.0	1369.0	0.299344
2	2	56.8	20	1662.0	-	1.004094
3	2	74.1	20	1941.0	-	1.763978
4	1	50.8	20	-	-	2.763535
5	2	74.0	20	1264.0	-	4.044424
6	3	57.3	20	1319.0	1140.0	4.789538
7	2	64.8	20	1604.0	-	5.258345
8	3	68.9	20	1451.0	1734.0	6.018790
9	2	56.4	20	1776.0	-	7.041202
10	2	58.6	20	1981.0	-	7.890598

<b>Table 69 - FCC Long Pulse Radar (Type 5) Waveform Trial#14 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
11	2	59.4	20	1294.0	-	8.783933
12	3	72.2	20	1583.0	1096.0	9.443481
13	2	78.3	20	1130.0	-	10.345805
14	3	76.0	20	1552.0	1285.0	11.501121

<b>Table 70 - FCC Long Pulse Radar (Type 5) Waveform Trial#15 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.8	17	1671.0	-	0.337711
2	3	79.1	17	1866.0	1884.0	1.085090
3	2	65.2	17	1599.0	-	1.413959
4	1	67.5	17	-	-	2.487396
5	3	76.4	17	1012.0	1063.0	2.832907
6	1	80.5	17	-	-	3.563902
7	2	92.0	17	1213.0	-	4.041753
8	1	89.7	17	-	-	4.999338
9	2	84.7	17	1730.0	-	5.097841
10	2	62.0	17	1543.0	-	5.699766
11	1	95.1	17	-	-	6.820315
12	1	95.1	17	-	-	7.096230
13	2	72.6	17	1503.0	-	8.043988
14	1	82.6	17	-	-	8.550625
15	1	65.7	17	-	-	9.007659
16	2	71.1	17	1301.0	-	9.888800
17	3	50.3	17	1766.0	1236.0	10.688705
18	2	76.7	17	1340.0	-	11.233092
19	3	57.9	17	1285.0	1513.0	11.647146

<b>Table 71 - FCC Long Pulse Radar (Type 5) Waveform Trial#16 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	67.7	16	1824.0	1249.0	0.150818
2	2	99.9	16	1516.0	-	1.028564
3	2	98.6	16	1287.0	-	2.606996
4	2	52.1	16	1703.0	-	2.986562
5	2	71.0	16	1987.0	-	4.334688
6	2	77.0	16	1184.0	-	4.845699
7	2	77.4	16	1105.0	-	6.247798
8	2	78.1	16	1297.0	-	7.059770
9	1	77.3	16	-	-	7.406403
10	2	83.4	16	1215.0	-	8.765168
11	1	78.3	16	-	-	9.394798
12	2	86.5	16	1775.0	-	10.828912
13	3	74.1	16	1553.0	1526.0	11.117085

<b>Table 72 - FCC Long Pulse Radar (Type 5) Waveform Trial#17 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.2	14	1335.0	-	0.112271

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
2	3	81.2	14	1350.0	1354.0	2.207775
3	2	73.8	14	1968.0	-	3.422518
4	3	93.8	14	1237.0	1450.0	3.621730
5	2	66.6	14	1996.0	-	5.122098
6	3	80.3	14	1800.0	1350.0	6.045616
7	2	89.8	14	1122.0	-	7.643547
8	3	54.6	14	1866.0	1165.0	8.442765
9	3	87.9	14	1076.0	1021.0	9.641458
10	3	70.0	14	1829.0	1144.0	10.818157

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	93.6	20	-	-	0.118914
2	1	91.6	20	-	-	1.144839
3	3	50.5	20	2000.0	1999.0	1.800409
4	2	72.4	20	1274.0	-	2.851986
5	1	93.8	20	-	-	3.489985
6	3	98.2	20	1736.0	1511.0	4.956200
7	2	61.0	20	1698.0	-	5.765900
8	2	76.8	20	1350.0	-	6.714606
9	3	63.5	20	1804.0	1280.0	7.057242
10	1	81.7	20	-	-	8.270929
11	2	70.2	20	1396.0	-	9.117766
12	3	59.5	20	1319.0	1406.0	9.816435
13	1	67.6	20	-	-	10.617592
14	2	72.9	20	1577.0	-	11.311696

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.8	9	1170.0	-	0.190415
2	3	69.8	9	1409.0	1786.0	1.351336
3	2	60.9	9	1294.0	-	1.566337
4	2	77.9	9	1374.0	-	2.622093
5	2	69.3	9	1872.0	-	3.381401
6	2	79.3	9	1214.0	-	4.067163
7	3	83.0	9	1565.0	1028.0	4.302558
8	3	84.0	9	1721.0	1507.0	5.376889
9	2	53.9	9	1848.0	-	5.885594
10	3	92.6	9	1490.0	1591.0	6.798444
11	2	80.0	9	1811.0	-	7.242466
12	2	85.6	9	1206.0	-	8.221644
13	2	93.0	9	1840.0	-	8.547738
14	3	66.5	9	1387.0	1115.0	9.471420
15	3	97.2	9	1243.0	1025.0	10.424134
16	1	78.0	9	-	-	10.723210
17	3	84.9	9	1557.0	1429.0	11.412620

<b>Table 75 - FCC Long Pulse Radar (Type 5) Waveform Trial#20 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.1	16	1963.0	-	0.074900
2	2	55.3	16	1173.0	-	1.065979
3	2	87.4	16	1105.0	-	1.776826
4	1	85.4	16	-	-	2.515714
5	1	54.8	16	-	-	3.449783
6	3	92.5	16	1598.0	1052.0	4.072475
7	2	79.6	16	1011.0	-	4.383571
8	1	86.1	16	-	-	5.094607
9	2	91.1	16	1273.0	-	5.781340
10	1	60.3	16	-	-	6.539263
11	1	62.0	16	-	-	7.689025
12	2	80.6	16	1723.0	-	7.966691
13	2	88.2	16	1404.0	-	8.907324
14	3	88.3	16	1985.0	1615.0	9.773259
15	2	93.1	16	1322.0	-	10.162198
16	2	76.9	16	1700.0	-	11.250691
17	1	66.8	16	-	-	11.405344

<b>Table 76 - FCC Long Pulse Radar (Type 5) Waveform Trial#21 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	74.1	6	1187.0	-	0.562092
2	2	68.2	6	1676.0	-	1.332669
3	2	63.5	6	1991.0	-	2.007015
4	3	73.7	6	1806.0	1955.0	2.436482
5	1	75.8	6	-	-	3.258699
6	1	56.5	6	-	-	4.148174
7	1	83.3	6	-	-	4.447312
8	1	69.2	6	-	-	5.017602
9	2	51.5	6	1434.0	-	5.697406
10	2	86.6	6	1204.0	-	6.577332
11	2	82.7	6	1143.0	-	7.232663
12	3	88.1	6	1333.0	1315.0	8.253775
13	2	93.5	6	1951.0	-	8.690216
14	3	51.6	6	1422.0	1132.0	9.775286
15	2	96.5	6	1619.0	-	10.428733
16	3	55.8	6	1944.0	1366.0	10.921306
17	1	74.5	6	-	-	11.778149

<b>Table 77 - FCC Long Pulse Radar (Type 5) Waveform Trial#22 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	75.4	6	1309.0	1135.0	0.728662
2	2	55.3	6	1842.0	-	1.657832
3	3	55.3	6	1806.0	1830.0	2.606462
4	2	91.2	6	1880.0	-	4.125560
5	3	72.8	6	1823.0	1969.0	5.693720
6	1	73.4	6	-	-	6.746965
7	3	93.2	6	1332.0	1755.0	7.907533
8	1	60.4	6	-	-	9.079510

<b>Table 77 - FCC Long Pulse Radar (Type 5) Waveform Trial#22 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
9	2	72.0	6	1086.0	-	10.424658
10	3	94.9	6	1559.0	1184.0	11.038785

<b>Table 78 - FCC Long Pulse Radar (Type 5) Waveform Trial#23 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.6	16	1412.0	-	0.255325
2	1	75.8	16	-	-	1.873657
3	2	60.9	16	1182.0	-	2.737463
4	3	76.1	16	1372.0	1177.0	4.352579
5	2	94.2	16	1817.0	-	5.951548
6	2	70.1	16	1824.0	-	7.027846
7	1	51.1	16	-	-	7.757401
8	2	75.9	16	1257.0	-	8.572841
9	1	52.6	16	-	-	10.019929
10	2	55.2	16	1794.0	-	11.134621

<b>Table 79 - FCC Long Pulse Radar (Type 5) Waveform Trial#24 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	60.8	8	-	-	0.303569
2	2	86.3	8	1041.0	-	1.139456
3	3	79.3	8	1714.0	1999.0	2.732363
4	2	90.0	8	1829.0	-	3.357466
5	3	66.6	8	1143.0	1411.0	4.276349
6	3	82.5	8	1481.0	1182.0	5.672781
7	2	72.1	8	1683.0	-	6.718313
8	2	88.1	8	1294.0	-	7.448056
9	2	75.0	8	1379.0	-	8.981423
10	3	78.2	8	1613.0	1453.0	9.548638
11	2	99.0	8	1132.0	-	10.460976
12	2	81.0	8	1814.0	-	11.918355

<b>Table 80 - FCC Long Pulse Radar (Type 5) Waveform Trial#25 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.0	14	1497.0	-	0.362178
2	3	91.5	14	1178.0	1802.0	0.926349
3	3	95.1	14	1433.0	1010.0	2.102432
4	2	95.8	14	1056.0	-	2.758076
5	2	58.0	14	1608.0	-	2.895820
6	1	90.0	14	-	-	4.204331
7	2	55.7	14	1314.0	-	4.478401
8	3	59.2	14	1632.0	1148.0	5.628183
9	1	71.2	14	-	-	5.935794
10	3	56.3	14	1874.0	1910.0	6.466009
11	3	55.3	14	1636.0	1649.0	7.339244
12	2	79.7	14	1544.0	-	7.824057
13	2	56.1	14	1516.0	-	8.736376

<b>Table 80 - FCC Long Pulse Radar (Type 5) Waveform Trial#25 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
14	1	73.5	14	-	-	9.489797
15	3	93.3	14	1019.0	1012.0	9.979953
16	2	80.0	14	1219.0	-	11.284227
17	2	87.0	14	1801.0	-	11.730349

<b>Table 81 - FCC Long Pulse Radar (Type 5) Waveform Trial#26 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	87.5	19	1270.0	1519.0	0.890032
2	2	75.9	19	1590.0	-	1.433598
3	3	60.6	19	1405.0	1417.0	2.469570
4	1	60.1	19	-	-	3.847729
5	3	56.1	19	1552.0	1286.0	5.129914
6	2	85.0	19	1540.0	-	6.451001
7	1	78.9	19	-	-	7.200265
8	2	61.0	19	1566.0	-	9.548945
9	2	72.2	19	1563.0	-	10.126329
10	2	95.8	19	1014.0	-	11.066459

<b>Table 82 - FCC Long Pulse Radar (Type 5) Waveform Trial#27 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.8	16	1138.0	-	0.042451
2	3	74.6	16	1710.0	1950.0	0.972464
3	3	95.0	16	1190.0	1870.0	2.197024
4	2	89.6	16	1476.0	-	3.387981
5	1	95.2	16	-	-	3.925082
6	3	96.0	16	1369.0	1383.0	4.598601
7	3	70.4	16	1705.0	1336.0	5.924643
8	2	60.8	16	1777.0	-	6.218753
9	2	95.8	16	1430.0	-	7.389666
10	1	50.6	16	-	-	8.360496
11	2	50.4	16	1734.0	-	9.373517
12	1	91.8	16	-	-	9.853495
13	3	72.0	16	1573.0	1309.0	11.012709
14	2	59.9	16	1427.0	-	11.565640

<b>Table 83 - FCC Long Pulse Radar (Type 5) Waveform Trial#28 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	72.1	9	1436.0	1858.0	0.193187
2	2	69.3	9	1660.0	-	1.117819
3	3	87.2	9	1103.0	1998.0	1.958852
4	1	65.7	9	-	-	2.719561
5	3	54.8	9	1033.0	1003.0	2.967005
6	3	74.2	9	1379.0	1752.0	3.724091
7	3	51.5	9	1389.0	1149.0	4.822243
8	3	64.9	9	1934.0	1716.0	5.460050
9	3	64.0	9	1964.0	1853.0	6.276258

<b>Table 83 - FCC Long Pulse Radar (Type 5) Waveform Trial#28 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
10	2	84.6	9	1928.0	-	6.390762
11	2	90.8	9	1119.0	-	7.276549
12	2	51.3	9	1969.0	-	7.792615
13	2	93.0	9	1862.0	-	8.875005
14	2	66.3	9	1083.0	-	9.320310
15	2	60.9	9	1273.0	-	10.234937
16	3	54.3	9	1651.0	1845.0	11.073176
17	2	64.8	9	1812.0	-	11.926809

<b>Table 84 - FCC Long Pulse Radar (Type 5) Waveform Trial#29 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	73.8	9	1878.0	-	0.778482
2	2	99.5	9	1375.0	-	2.626654
3	1	81.5	9	-	-	3.730904
4	1	98.4	9	-	-	4.640426
5	3	59.1	9	1304.0	1958.0	6.474525
6	1	52.6	9	-	-	8.029209
7	1	85.7	9	-	-	9.911075
8	2	54.4	9	1148.0	-	10.674947

<b>Table 85 - FCC Long Pulse Radar (Type 5) Waveform Trial#30 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	65.6	13	-	-	0.097840
2	3	72.7	13	1875.0	1600.0	1.733699
3	2	81.4	13	1356.0	-	3.135114
4	3	79.1	13	1137.0	1419.0	4.324692
5	2	91.0	13	1299.0	-	5.295190
6	2	66.3	13	1596.0	-	6.341521
7	2	62.6	13	1494.0	-	6.889953
8	3	85.8	13	1271.0	1819.0	8.378727
9	3	78.8	13	1387.0	1095.0	9.549985
10	3	90.4	13	1970.0	1625.0	9.907610
11	3	94.6	13	1042.0	1608.0	11.771622



Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	9	1.0	333.0	Yes	5491.8MHz, -64.0dBm	Hop sequence: 5699, 5492, 5656, 5408, 5550, 5481, 5405, 5334, 5509, 5496, 5644, 5311, 5355, 5606, 5494, 5420, 5513, 5717, 5254, 5528, 5342, 5312, 5465, 5620, 5270, 5719, 5463, 5563, 5339, 5510, 5680, 5438, 5401, 5471, 5357, 5499, 5443, 5583, 5366, 5677, 5449, 5379, 5491, 5409, 5456, 5305, 5500, 5672, 5586, 5574, 5399, 5323, 5487, 5372, 5363, 5628, 5714, 5328, 5540, 5681, 5526, 5688, 5538, 5433, 5486, 5569, 5288, 5442, 5267, 5653, 5530, 5333, 5568, 5453, 5446, 5517, 5370, 5441, 5472, 5369, 5406, 5403, 5429, 5376, 5497, 5685, 5467, 5585, 5359, 5450, 5485, 5381, 5374, 5718, 5295, 5454, 5609, 5263, 5412, 5645 (6 hits)
2	9	1.0	333.0	Yes	5492.8MHz, -64.0dBm	Hop sequence: 5555, 5587, 5313, 5300, 5628, 5263, 5358, 5533, 5589, 5541, 5294, 5515, 5315, 5494, 5669, 5621, 5619, 5665, 5585, 5507, 5673, 5303, 5607, 5448, 5350, 5604, 5414, 5647, 5413, 5687, 5631, 5339, 5580, 5360, 5649, 5534, 5605, 5362, 5462, 5722, 5332, 5424, 5726, 5480, 5314, 5402, 5466, 5681, 5371, 5575, 5639, 5331, 5671, 5633, 5527, 5440, 5644, 5329, 5336, 5697, 5442, 5415, 5675, 5410, 5538, 5363, 5285, 5518, 5366, 5611, 5543, 5467, 5650, 5721, 5711, 5357, 5421, 5503, 5318, 5338, 5568, 5567, 5715, 5657, 5695, 5296, 5558, 5452, 5438, 5609, 5278, 5272, 5703, 5427, 5445, 5271, 5333, 5667, 5551, 5570 (3 hits)
3	9	1.0	333.0	Yes	5493.8MHz, -64.0dBm	Hop sequence: 5358, 5624, 5664, 5612, 5353,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5698, 5528, 5545, 5713, 5603, 5556, 5597, 5536, 5585, 5470, 5411, 5402, 5494, 5418, 5558, 5443, 5279, 5706, 5401, 5475, 5637, 5252, 5604, 5508, 5724, 5535, 5699, 5625, 5300, 5440, 5311, 5335, 5286, 5414, 5651, 5619, 5608, 5370, 5392, 5340, 5574, 5391, 5373, 5593, 5275, 5570, 5451, 5325, 5457, 5522, 5499, 5407, 5636, 5278, 5623, 5538, 5420, 5257, 5504, 5679, 5319, 5507, 5425, 5650, 5381, 5553, 5422, 5296, 5692, 5710, 5421, 5350, 5435, 5702, 5718, 5280, 5480, 5580, 5327, 5571, 5455, 5318, 5264, 5502, 5486, 5291, 5316, 5428, 5541, 5495, 5678, 5660, 5606, 5550, 5560 (7 hits)
4	9	1.0	333.0	No	5494.8MHz, -64.0dBm	Hop sequence: 5342, 5597, 5338, 5290, 5593, 5692, 5579, 5706, 5719, 5405, 5300, 5622, 5722, 5508, 5323, 5366, 5362, 5447, 5377, 5428, 5383, 5698, 5257, 5543, 5280, 5296, 5484, 5570, 5282, 5320, 5395, 5286, 5626, 5635, 5293, 5595, 5711, 5374, 5496, 5298, 5314, 5356, 5549, 5378, 5358, 5520, 5553, 5480, 5292, 5265, 5467, 5308, 5252, 5465, 5353, 5584, 5658, 5392, 5477, 5313, 5414, 5295, 5705, 5618, 5478, 5619, 5664, 5578, 5470, 5425, 5576, 5339, 5324, 5404, 5696, 5674, 5294, 5581, 5713, 5632, 5695, 5679, 5448, 5431, 5267, 5473, 5546, 5615, 5702, 5497, 5474, 5346, 5466, 5341, 5565, 5683, 5724, 5459, 5590, 5710 (3 hits)
5	9	1.0	333.0	Yes	5495.8MHz, -64.0dBm	Hop sequence: 5425, 5557, 5506, 5395, 5717, 5563, 5566, 5597, 5636, 5254, 5558, 5422, 5641, 5386, 5290, 5670, 5394,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5251, 5568, 5696, 5346, 5542, 5515, 5277, 5288, 5501, 5598, 5647, 5292, 5628, 5709, 5275, 5609, 5442, 5406, 5367, 5500, 5621, 5287, 5645, 5630, 5305, 5404, 5514, 5293, 5498, 5663, 5472, 5549, 5675, 5268, 5370, 5491, 5270, 5631, 5533, 5267, 5429, 5298, 5614, 5553, 5333, 5603, 5629, 5529, 5697, 5486, 5324, 5465, 5661, 5541, 5507, 5617, 5591, 5470, 5321, 5265, 5259, 5285, 5456, 5433, 5418, 5278, 5679, 5355, 5608, 5480, 5662, 5477, 5379, 5408, 5412, 5551, 5439, 5401, 5710, 5391, 5374, 5468, 5688 (5 hits)
6	9	1.0	333.0	Yes	5496.8MHz, -64.0dBm	Hop sequence: 5698, 5499, 5719, 5690, 5445, 5453, 5461, 5528, 5399, 5482, 5724, 5346, 5725, 5601, 5292, 5513, 5295, 5259, 5697, 5541, 5712, 5497, 5720, 5613, 5370, 5364, 5717, 5255, 5666, 5670, 5537, 5577, 5524, 5329, 5587, 5417, 5317, 5620, 5309, 5571, 5361, 5339, 5530, 5507, 5594, 5374, 5677, 5656, 5553, 5404, 5456, 5527, 5500, 5680, 5344, 5559, 5477, 5457, 5545, 5624, 5580, 5705, 5663, 5388, 5567, 5266, 5296, 5385, 5655, 5678, 5348, 5707, 5373, 5408, 5584, 5633, 5540, 5562, 5673, 5379, 5686, 5265, 5684, 5721, 5592, 5382, 5578, 5700, 5672, 5651, 5590, 5359, 5338, 5521, 5409, 5450, 5390, 5311, 5355, 5396 (4 hits)
7	9	1.0	333.0	Yes	5497.8MHz, -64.0dBm	Hop sequence: 5491, 5593, 5363, 5542, 5644, 5459, 5311, 5705, 5353, 5511, 5568, 5335, 5255, 5431, 5659, 5395, 5673, 5297, 5570, 5338, 5683, 5387, 5614, 5687, 5551, 5393, 5566, 5378, 5553,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5265, 5493, 5577, 5711, 5263, 5657, 5406, 5589, 5310, 5557, 5487, 5345, 5616, 5630, 5473, 5620, 5313, 5530, 5585, 5276, 5375, 5350, 5611, 5555, 5391, 5262, 5346, 5520, 5526, 5285, 5509, 5663, 5308, 5369, 5723, 5502, 5549, 5629, 5710, 5533, 5537, 5608, 5259, 5456, 5321, 5381, 5598, 5379, 5410, 5336, 5323, 5704, 5574, 5601, 5667, 5676, 5373, 5670, 5418, 5441, 5271, 5718, 5341, 5654, 5437, 5679, 5721, 5600, 5420, 5442, 5521 (2 hits)
8	9	1.0	333.0	No	5498.8MHz, -64.0dBm	Hop sequence: 5293, 5340, 5637, 5463, 5252, 5386, 5296, 5674, 5588, 5297, 5360, 5723, 5630, 5422, 5347, 5269, 5531, 5400, 5520, 5528, 5318, 5364, 5677, 5337, 5448, 5391, 5656, 5629, 5425, 5312, 5716, 5682, 5565, 5394, 5548, 5594, 5407, 5330, 5657, 5606, 5301, 5458, 5564, 5672, 5701, 5380, 5280, 5381, 5295, 5273, 5355, 5551, 5544, 5306, 5570, 5596, 5658, 5321, 5402, 5319, 5479, 5534, 5434, 5320, 5324, 5605, 5688, 5703, 5555, 5265, 5474, 5406, 5449, 5641, 5595, 5491, 5504, 5352, 5653, 5289, 5254, 5309, 5566, 5437, 5621, 5432, 5708, 5537, 5690, 5577, 5536, 5696, 5481, 5390, 5253, 5721, 5562, 5419, 5485, 5274 (1 hits)
9	9	1.0	333.0	Yes	5499.8MHz, -64.0dBm	Hop sequence: 5595, 5283, 5287, 5417, 5509, 5670, 5640, 5682, 5275, 5723, 5295, 5536, 5379, 5449, 5718, 5267, 5601, 5400, 5404, 5387, 5500, 5535, 5627, 5298, 5573, 5698, 5473, 5491, 5266, 5476, 5314, 5250, 5651, 5434, 5649, 5306, 5273, 5262, 5460, 5548, 5372,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5301, 5419, 5571, 5328, 5719, 5547, 5359, 5606, 5619, 5532, 5702, 5315, 5568, 5285, 5513, 5541, 5634, 5505, 5330, 5351, 5327, 5511, 5316, 5358, 5402, 5253, 5403, 5607, 5439, 5592, 5361, 5385, 5721, 5271, 5468, 5292, 5534, 5615, 5588, 5484, 5482, 5481, 5251, 5525, 5633, 5713, 5343, 5453, 5604, 5431, 5613, 5370, 5594, 5668, 5369, 5501, 5696, 5425, 5334 (3 hits)
10	9	1.0	333.0	Yes	5500.8MHz, -64.0dBm	Hop sequence: 5274, 5475, 5458, 5644, 5539, 5351, 5409, 5599, 5640, 5581, 5630, 5636, 5270, 5721, 5281, 5355, 5272, 5423, 5415, 5635, 5444, 5413, 5340, 5386, 5307, 5527, 5566, 5440, 5637, 5667, 5291, 5595, 5348, 5672, 5494, 5490, 5562, 5682, 5284, 5642, 5303, 5252, 5611, 5417, 5571, 5378, 5354, 5723, 5576, 5322, 5691, 5579, 5290, 5263, 5515, 5643, 5608, 5418, 5556, 5607, 5719, 5656, 5328, 5593, 5438, 5313, 5305, 5497, 5479, 5704, 5492, 5442, 5375, 5393, 5548, 5669, 5700, 5428, 5484, 5365, 5320, 5714, 5288, 5420, 5702, 5605, 5425, 5255, 5370, 5724, 5279, 5304, 5265, 5578, 5392, 5461, 5502, 5250, 5426, 5717 (4 hits)
11	9	1.0	333.0	Yes	5501.8MHz, -64.0dBm	Hop sequence: 5391, 5596, 5390, 5334, 5655, 5639, 5398, 5431, 5311, 5319, 5475, 5439, 5425, 5442, 5629, 5310, 5333, 5297, 5323, 5643, 5413, 5317, 5693, 5699, 5320, 5692, 5399, 5572, 5673, 5261, 5337, 5446, 5451, 5477, 5554, 5355, 5373, 5547, 5283, 5447, 5694, 5620, 5524, 5649, 5359, 5707, 5527, 5338, 5274, 5472, 5426, 5543, 5682,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5512, 5595, 5630, 5456, 5703, 5691, 5403, 5263, 5642, 5511, 5367, 5666, 5651, 5584, 5714, 5531, 5520, 5492, 5513, 5262, 5537, 5330, 5567, 5346, 5615, 5698, 5685, 5637, 5453, 5690, 5304, 5293, 5712, 5404, 5672, 5409, 5388, 5386, 5342, 5364, 5606, 5423, 5375, 5493, 5559, 5272, 5462 (2 hits)
12	9	1.0	333.0	Yes	5502.8MHz, -64.0dBm	Hop sequence: 5524, 5567, 5453, 5262, 5351, 5552, 5619, 5401, 5267, 5366, 5707, 5508, 5614, 5488, 5311, 5385, 5705, 5444, 5712, 5668, 5589, 5431, 5588, 5361, 5652, 5615, 5611, 5313, 5423, 5608, 5469, 5540, 5601, 5593, 5426, 5482, 5577, 5466, 5487, 5457, 5345, 5525, 5504, 5403, 5517, 5700, 5563, 5308, 5661, 5475, 5657, 5479, 5544, 5569, 5595, 5555, 5387, 5409, 5254, 5641, 5449, 5669, 5633, 5582, 5346, 5602, 5402, 5381, 5546, 5374, 5682, 5310, 5459, 5634, 5301, 5678, 5414, 5597, 5460, 5342, 5710, 5293, 5357, 5685, 5501, 5625, 5287, 5596, 5618, 5578, 5701, 5579, 5448, 5354, 5676, 5639, 5558, 5280, 5529, 5322 (3 hits)
13	9	1.0	333.0	Yes	5503.8MHz, -64.0dBm	Hop sequence: 5360, 5314, 5392, 5300, 5612, 5372, 5670, 5433, 5303, 5290, 5370, 5705, 5536, 5506, 5470, 5282, 5267, 5523, 5592, 5419, 5344, 5425, 5646, 5576, 5400, 5407, 5565, 5602, 5654, 5624, 5632, 5422, 5653, 5261, 5683, 5342, 5457, 5725, 5644, 5627, 5440, 5517, 5443, 5637, 5669, 5533, 5317, 5286, 5662, 5616, 5656, 5330, 5301, 5607, 5318, 5450, 5555, 5663, 5357, 5623, 5640, 5594, 5570, 5466, 5568,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5720, 5579, 5361, 5256, 5283, 5668, 5374, 5709, 5269, 5595, 5560, 5368, 5582, 5648, 5442, 5365, 5631, 5691, 5284, 5710, 5641, 5491, 5492, 5363, 5415, 5713, 5340, 5486, 5586, 5252, 5615, 5524, 5377, 5563, 5402 (2 hits)
14	9	1.0	333.0	Yes	5504.8MHz, -64.0dBm	Hop sequence: 5344, 5360, 5461, 5706, 5264, 5627, 5414, 5606, 5485, 5303, 5520, 5410, 5555, 5614, 5599, 5262, 5698, 5353, 5355, 5694, 5265, 5421, 5499, 5298, 5542, 5633, 5628, 5465, 5642, 5625, 5587, 5604, 5417, 5304, 5538, 5629, 5605, 5289, 5308, 5691, 5333, 5409, 5646, 5365, 5550, 5503, 5363, 5540, 5267, 5525, 5658, 5306, 5315, 5568, 5277, 5573, 5711, 5422, 5507, 5544, 5428, 5439, 5313, 5648, 5281, 5368, 5552, 5720, 5683, 5467, 5372, 5387, 5346, 5253, 5624, 5501, 5692, 5394, 5450, 5533, 5685, 5535, 5282, 5494, 5472, 5612, 5278, 5411, 5686, 5445, 5641, 5397, 5369, 5349, 5371, 5699, 5320, 5274, 5622, 5385 (5 hits)
15	9	1.0	333.0	Yes	5505.8MHz, -64.0dBm	Hop sequence: 5609, 5371, 5638, 5682, 5698, 5367, 5250, 5658, 5449, 5713, 5573, 5350, 5423, 5683, 5677, 5291, 5576, 5646, 5430, 5716, 5489, 5546, 5679, 5253, 5286, 5267, 5360, 5487, 5723, 5356, 5508, 5311, 5512, 5379, 5326, 5674, 5663, 5263, 5376, 5661, 5412, 5655, 5593, 5443, 5404, 5535, 5335, 5681, 5678, 5670, 5577, 5506, 5258, 5666, 5333, 5275, 5647, 5280, 5690, 5585, 5442, 5639, 5337, 5702, 5615, 5571, 5583, 5551, 5377, 5351, 5633, 5505, 5460, 5724, 5626, 5317, 5693,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5691, 5550, 5309, 5596, 5570, 5572, 5700, 5503, 5588, 5428, 5408, 5617, 5627, 5457, 5665, 5722, 5330, 5493, 5399, 5465, 5364, 5616, 5706 (5 hits)
16	9	1.0	333.0	Yes	5506.8MHz, -64.0dBm	Hop sequence: 5418, 5662, 5385, 5497, 5258, 5357, 5696, 5397, 5636, 5360, 5479, 5445, 5289, 5564, 5573, 5618, 5447, 5596, 5402, 5314, 5634, 5277, 5383, 5565, 5446, 5284, 5321, 5576, 5635, 5443, 5683, 5364, 5678, 5292, 5406, 5274, 5282, 5359, 5546, 5328, 5411, 5555, 5344, 5670, 5485, 5297, 5463, 5352, 5431, 5368, 5609, 5719, 5666, 5690, 5375, 5698, 5491, 5428, 5527, 5574, 5602, 5646, 5423, 5389, 5653, 5658, 5390, 5691, 5433, 5306, 5376, 5516, 5631, 5457, 5252, 5312, 5521, 5444, 5394, 5367, 5612, 5541, 5429, 5327, 5539, 5281, 5537, 5298, 5307, 5512, 5296, 5345, 5622, 5302, 5673, 5524, 5384, 5417, 5650, 5378 (1 hits)
17	9	1.0	333.0	Yes	5507.8MHz, -64.0dBm	Hop sequence: 5621, 5482, 5696, 5477, 5553, 5610, 5455, 5302, 5474, 5660, 5700, 5342, 5567, 5417, 5297, 5334, 5693, 5442, 5706, 5293, 5584, 5614, 5259, 5702, 5483, 5721, 5318, 5578, 5431, 5502, 5641, 5473, 5713, 5460, 5452, 5596, 5444, 5698, 5685, 5466, 5677, 5659, 5409, 5369, 5285, 5321, 5284, 5373, 5644, 5400, 5271, 5679, 5570, 5500, 5269, 5423, 5478, 5579, 5305, 5631, 5451, 5290, 5385, 5287, 5516, 5615, 5471, 5627, 5350, 5692, 5498, 5383, 5510, 5687, 5558, 5573, 5355, 5338, 5501, 5637, 5263, 5640, 5671, 5550, 5539, 5508, 5512, 5328, 5274,



Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5359, 5618, 5336, 5646, 5602, 5678, 5430, 5434, 5647, 5347, 5278 (5 hits)
18	9	1.0	333.0	Yes	5508.2MHz, -64.0dBm	Hop sequence: 5455, 5613, 5568, 5488, 5606, 5711, 5506, 5257, 5381, 5687, 5294, 5557, 5584, 5551, 5408, 5460, 5640, 5558, 5321, 5538, 5363, 5651, 5362, 5644, 5620, 5337, 5552, 5403, 5630, 5290, 5669, 5383, 5459, 5298, 5370, 5265, 5511, 5373, 5482, 5509, 5587, 5404, 5491, 5311, 5406, 5378, 5652, 5702, 5368, 5264, 5565, 5286, 5330, 5463, 5469, 5329, 5697, 5627, 5351, 5430, 5560, 5703, 5608, 5698, 5275, 5450, 5595, 5350, 5526, 5684, 5438, 5670, 5254, 5394, 5497, 5639, 5324, 5618, 5498, 5346, 5444, 5723, 5721, 5593, 5712, 5693, 5635, 5665, 5600, 5327, 5472, 5387, 5653, 5471, 5550, 5579, 5508, 5626, 5344, 5268 (4 hits)
19	9	1.0	333.0	Yes	5491.8MHz, -64.0dBm	Hop sequence: 5499, 5693, 5260, 5603, 5606, 5268, 5285, 5393, 5702, 5594, 5719, 5379, 5495, 5575, 5507, 5622, 5318, 5458, 5675, 5520, 5697, 5504, 5441, 5299, 5319, 5368, 5374, 5508, 5274, 5541, 5662, 5616, 5670, 5255, 5645, 5398, 5412, 5582, 5549, 5553, 5391, 5462, 5643, 5386, 5383, 5563, 5609, 5476, 5347, 5726, 5372, 5280, 5644, 5465, 5488, 5656, 5525, 5615, 5331, 5640, 5694, 5667, 5611, 5601, 5533, 5340, 5532, 5277, 5650, 5517, 5690, 5633, 5446, 5515, 5470, 5497, 5548, 5664, 5612, 5358, 5494, 5626, 5500, 5534, 5651, 5668, 5600, 5725, 5653, 5375, 5457, 5339, 5540, 5527, 5584, 5493, 5498, 5471, 5434, 5257 (10

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						hits)
20	9	1.0	333.0	Yes	5492.8MHz, -64.0dBm	Hop sequence: 5251, 5349, 5306, 5364, 5447, 5587, 5719, 5336, 5624, 5259, 5714, 5472, 5437, 5627, 5314, 5263, 5553, 5498, 5556, 5505, 5584, 5424, 5674, 5464, 5680, 5355, 5689, 5255, 5258, 5316, 5670, 5469, 5695, 5593, 5410, 5400, 5325, 5339, 5671, 5720, 5585, 5550, 5408, 5477, 5319, 5559, 5262, 5711, 5308, 5577, 5503, 5290, 5699, 5576, 5416, 5374, 5701, 5519, 5578, 5561, 5581, 5467, 5436, 5625, 5517, 5706, 5600, 5291, 5445, 5487, 5530, 5476, 5513, 5663, 5274, 5657, 5658, 5315, 5326, 5621, 5612, 5321, 5446, 5532, 5544, 5620, 5639, 5252, 5483, 5444, 5462, 5427, 5438, 5626, 5452, 5641, 5305, 5642, 5322, 5565 (3 hits)
21	9	1.0	333.0	Yes	5493.8MHz, -64.0dBm	Hop sequence: 5684, 5467, 5640, 5529, 5441, 5568, 5417, 5545, 5438, 5273, 5367, 5625, 5502, 5715, 5618, 5282, 5493, 5468, 5347, 5331, 5272, 5554, 5608, 5400, 5714, 5481, 5489, 5270, 5673, 5325, 5338, 5474, 5406, 5566, 5667, 5590, 5431, 5537, 5426, 5527, 5473, 5377, 5397, 5702, 5570, 5334, 5410, 5678, 5562, 5641, 5657, 5352, 5697, 5521, 5505, 5451, 5550, 5528, 5277, 5393, 5636, 5558, 5659, 5591, 5442, 5607, 5663, 5336, 5606, 5366, 5362, 5559, 5548, 5501, 5508, 5704, 5656, 5576, 5682, 5573, 5420, 5565, 5373, 5408, 5716, 5387, 5359, 5465, 5449, 5587, 5534, 5457, 5292, 5322, 5315, 5507, 5709, 5421, 5510, 5530 (6 hits)
22	9	1.0	333.0	Yes	5494.8MHz, -64.0dBm	Hop sequence: 5568, 5675, 5594, 5588, 5315,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5666, 5659, 5551, 5665, 5721, 5614, 5310, 5436, 5520, 5624, 5446, 5265, 5486, 5691, 5611, 5698, 5573, 5450, 5490, 5337, 5576, 5599, 5441, 5650, 5507, 5461, 5639, 5636, 5648, 5528, 5434, 5376, 5431, 5630, 5716, 5253, 5656, 5586, 5545, 5317, 5294, 5345, 5563, 5378, 5480, 5581, 5702, 5724, 5384, 5518, 5356, 5720, 5286, 5505, 5492, 5658, 5468, 5626, 5686, 5589, 5261, 5606, 5297, 5489, 5499, 5251, 5327, 5470, 5644, 5491, 5605, 5339, 5663, 5678, 5708, 5412, 5266, 5292, 5555, 5328, 5539, 5684, 5530, 5580, 5685, 5631, 5608, 5577, 5718, 5287, 5715, 5397, 5320, 5508, 5674 (5 hits)
23	9	1.0	333.0	Yes	5495.8MHz, -64.0dBm	Hop sequence: 5492, 5373, 5721, 5502, 5582, 5353, 5423, 5342, 5457, 5374, 5407, 5361, 5296, 5589, 5284, 5672, 5522, 5670, 5595, 5251, 5558, 5318, 5684, 5428, 5379, 5550, 5483, 5294, 5500, 5425, 5711, 5689, 5658, 5287, 5261, 5447, 5438, 5560, 5392, 5577, 5723, 5409, 5442, 5462, 5724, 5641, 5475, 5556, 5608, 5289, 5389, 5260, 5649, 5433, 5489, 5306, 5504, 5509, 5396, 5259, 5280, 5264, 5631, 5270, 5485, 5403, 5561, 5690, 5466, 5722, 5719, 5688, 5359, 5701, 5308, 5422, 5285, 5401, 5707, 5644, 5503, 5377, 5716, 5616, 5258, 5514, 5700, 5576, 5415, 5543, 5290, 5634, 5562, 5494, 5302, 5490, 5464, 5380, 5310, 5633 (6 hits)
24	9	1.0	333.0	Yes	5496.8MHz, -64.0dBm	Hop sequence: 5294, 5597, 5605, 5375, 5276, 5724, 5608, 5302, 5613, 5350, 5644, 5574, 5262, 5330, 5411, 5300, 5576,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5561, 5311, 5663, 5337, 5559, 5645, 5387, 5341, 5580, 5497, 5367, 5338, 5721, 5414, 5399, 5322, 5598, 5407, 5581, 5260, 5699, 5504, 5586, 5371, 5620, 5395, 5675, 5568, 5701, 5376, 5505, 5669, 5306, 5365, 5695, 5359, 5288, 5631, 5691, 5578, 5285, 5275, 5363, 5471, 5266, 5468, 5583, 5526, 5467, 5417, 5530, 5317, 5484, 5486, 5477, 5348, 5595, 5403, 5685, 5328, 5261, 5623, 5664, 5451, 5380, 5520, 5511, 5339, 5600, 5435, 5506, 5496, 5636, 5398, 5436, 5298, 5447, 5385, 5500, 5642, 5333, 5383, 5610 (6 hits)
25	9	1.0	333.0	Yes	5497.8MHz, -64.0dBm	Hop sequence: 5445, 5658, 5606, 5326, 5320, 5343, 5700, 5258, 5263, 5549, 5458, 5540, 5553, 5513, 5407, 5253, 5339, 5608, 5328, 5279, 5499, 5276, 5680, 5679, 5572, 5620, 5271, 5316, 5387, 5431, 5378, 5577, 5367, 5596, 5601, 5718, 5426, 5558, 5408, 5622, 5463, 5404, 5589, 5586, 5645, 5695, 5452, 5502, 5590, 5564, 5688, 5626, 5399, 5295, 5299, 5260, 5510, 5451, 5560, 5425, 5464, 5632, 5389, 5539, 5699, 5649, 5678, 5521, 5429, 5644, 5566, 5436, 5707, 5647, 5675, 5665, 5285, 5274, 5673, 5292, 5385, 5465, 5597, 5687, 5287, 5257, 5441, 5254, 5592, 5338, 5403, 5275, 5518, 5489, 5443, 5437, 5395, 5655, 5440, 5264 (2 hits)
26	9	1.0	333.0	Yes	5498.8MHz, -64.0dBm	Hop sequence: 5290, 5468, 5675, 5516, 5591, 5396, 5717, 5401, 5542, 5702, 5374, 5382, 5501, 5488, 5605, 5489, 5345, 5517, 5315, 5481, 5706, 5485, 5330, 5314, 5258, 5482, 5381, 5288, 5590,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5512, 5391, 5709, 5427, 5638, 5710, 5578, 5390, 5615, 5668, 5603, 5699, 5496, 5311, 5419, 5398, 5372, 5294, 5687, 5597, 5399, 5563, 5338, 5614, 5287, 5510, 5653, 5721, 5465, 5362, 5260, 5358, 5529, 5559, 5302, 5450, 5408, 5574, 5486, 5356, 5402, 5565, 5514, 5431, 5609, 5588, 5623, 5663, 5324, 5271, 5570, 5694, 5421, 5525, 5725, 5722, 5548, 5286, 5370, 5277, 5319, 5368, 5708, 5266, 5300, 5502, 5692, 5549, 5498, 5455, 5326 (4 hits)
27	9	1.0	333.0	Yes	5499.8MHz, -64.0dBm	Hop sequence: 5593, 5503, 5633, 5325, 5665, 5360, 5601, 5495, 5522, 5496, 5542, 5404, 5367, 5568, 5678, 5483, 5662, 5316, 5383, 5406, 5291, 5415, 5606, 5451, 5609, 5482, 5627, 5290, 5715, 5649, 5280, 5376, 5287, 5687, 5502, 5380, 5279, 5499, 5458, 5517, 5500, 5260, 5676, 5558, 5722, 5545, 5273, 5670, 5528, 5693, 5612, 5282, 5720, 5393, 5408, 5490, 5286, 5449, 5642, 5304, 5695, 5357, 5624, 5533, 5516, 5446, 5410, 5682, 5651, 5301, 5643, 5292, 5370, 5251, 5661, 5405, 5363, 5460, 5594, 5417, 5559, 5656, 5707, 5610, 5596, 5553, 5674, 5403, 5666, 5347, 5254, 5436, 5329, 5256, 5530, 5629, 5561, 5582, 5543, 5411 (6 hits)
28	9	1.0	333.0	Yes	5500.8MHz, -64.0dBm	Hop sequence: 5567, 5693, 5421, 5697, 5637, 5712, 5669, 5457, 5267, 5294, 5714, 5404, 5376, 5473, 5461, 5280, 5644, 5460, 5605, 5336, 5347, 5359, 5251, 5439, 5412, 5433, 5547, 5382, 5410, 5337, 5351, 5476, 5450, 5455, 5608, 5633, 5681, 5586, 5429, 5591, 5417,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5599, 5373, 5358, 5510, 5684, 5284, 5452, 5491, 5671, 5274, 5589, 5431, 5504, 5598, 5668, 5612, 5445, 5538, 5607, 5496, 5250, 5578, 5560, 5585, 5624, 5676, 5296, 5544, 5323, 5354, 5664, 5466, 5464, 5406, 5261, 5592, 5472, 5527, 5273, 5481, 5703, 5368, 5389, 5448, 5383, 5289, 5441, 5597, 5508, 5507, 5690, 5384, 5300, 5266, 5478, 5520, 5541, 5334, 5276 (4 hits)
29	9	1.0	333.0	Yes	5501.8MHz, -64.0dBm	Hop sequence: 5448, 5255, 5702, 5722, 5265, 5543, 5428, 5371, 5280, 5327, 5467, 5264, 5515, 5288, 5713, 5635, 5412, 5711, 5693, 5453, 5665, 5530, 5721, 5426, 5677, 5486, 5372, 5277, 5652, 5565, 5370, 5579, 5588, 5547, 5678, 5628, 5418, 5535, 5309, 5703, 5376, 5534, 5473, 5640, 5361, 5659, 5429, 5307, 5644, 5645, 5422, 5583, 5319, 5700, 5302, 5291, 5270, 5684, 5404, 5582, 5488, 5670, 5536, 5463, 5578, 5601, 5572, 5480, 5446, 5356, 5381, 5716, 5423, 5503, 5500, 5407, 5320, 5545, 5365, 5456, 5368, 5539, 5445, 5284, 5344, 5487, 5452, 5340, 5593, 5596, 5301, 5377, 5604, 5553, 5393, 5664, 5328, 5310, 5432, 5346 (2 hits)
30	9	1.0	333.0	Yes	5502.8MHz, -64.0dBm	Hop sequence: 5630, 5585, 5283, 5681, 5599, 5572, 5637, 5433, 5420, 5699, 5534, 5578, 5294, 5644, 5634, 5330, 5274, 5439, 5692, 5608, 5626, 5289, 5537, 5517, 5460, 5710, 5587, 5521, 5545, 5392, 5592, 5560, 5442, 5414, 5443, 5472, 5276, 5340, 5595, 5617, 5417, 5533, 5553, 5309, 5531, 5322, 5706, 5701, 5421, 5664, 5612, 5661, 5618,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5690, 5575, 5645, 5337, 5338, 5705, 5610, 5655, 5287, 5304, 5273, 5541, 5499, 5721, 5416, 5310, 5386, 5328, 5686, 5566, 5484, 5378, 5565, 5407, 5354, 5481, 5432, 5594, 5252, 5459, 5295, 5324, 5577, 5573, 5446, 5262, 5580, 5508, 5268, 5546, 5389, 5473, 5399, 5265, 5301, 5584, 5544 (2 hits)
31	9	1.0	333.0	Yes	5503.8MHz, -64.0dBm	Hop sequence: 5718, 5312, 5567, 5261, 5662, 5451, 5539, 5340, 5649, 5569, 5652, 5377, 5707, 5296, 5319, 5259, 5414, 5511, 5541, 5619, 5292, 5706, 5329, 5424, 5336, 5542, 5650, 5615, 5691, 5458, 5550, 5572, 5676, 5524, 5554, 5436, 5630, 5289, 5595, 5321, 5267, 5686, 5639, 5525, 5654, 5275, 5474, 5416, 5501, 5483, 5308, 5285, 5496, 5516, 5302, 5488, 5679, 5556, 5621, 5417, 5640, 5612, 5453, 5660, 5704, 5548, 5398, 5378, 5286, 5389, 5659, 5395, 5351, 5680, 5506, 5252, 5696, 5597, 5366, 5491, 5465, 5571, 5582, 5576, 5287, 5517, 5603, 5270, 5271, 5537, 5598, 5461, 5535, 5415, 5459, 5314, 5420, 5521, 5620, 5272 (3 hits)
32	9	1.0	333.0	Yes	5504.8MHz, -64.0dBm	Hop sequence: 5426, 5537, 5420, 5683, 5615, 5446, 5580, 5318, 5545, 5327, 5338, 5622, 5496, 5593, 5255, 5591, 5467, 5384, 5698, 5506, 5660, 5710, 5477, 5629, 5553, 5604, 5657, 5693, 5278, 5600, 5488, 5433, 5486, 5701, 5606, 5529, 5681, 5628, 5427, 5281, 5393, 5541, 5452, 5360, 5535, 5481, 5387, 5647, 5375, 5377, 5484, 5328, 5659, 5634, 5455, 5667, 5389, 5497, 5662, 5347, 5354, 5323, 5461, 5564, 5644,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5605, 5351, 5359, 5547, 5719, 5569, 5718, 5590, 5341, 5301, 5528, 5685, 5346, 5271, 5457, 5388, 5690, 5269, 5696, 5445, 5576, 5632, 5689, 5638, 5656, 5523, 5579, 5268, 5510, 5436, 5381, 5394, 5549, 5333, 5260 (3 hits)
33	9	1.0	333.0	Yes	5505.8MHz, -64.0dBm	Hop sequence: 5674, 5645, 5555, 5257, 5461, 5435, 5578, 5537, 5439, 5600, 5560, 5689, 5463, 5700, 5376, 5464, 5506, 5371, 5500, 5707, 5294, 5615, 5278, 5277, 5515, 5470, 5271, 5565, 5571, 5538, 5639, 5268, 5272, 5479, 5574, 5657, 5606, 5622, 5452, 5612, 5299, 5521, 5345, 5285, 5335, 5703, 5501, 5259, 5386, 5346, 5389, 5603, 5699, 5486, 5482, 5655, 5513, 5616, 5253, 5498, 5503, 5453, 5368, 5594, 5649, 5607, 5547, 5337, 5437, 5264, 5333, 5362, 5647, 5485, 5620, 5552, 5539, 5472, 5354, 5462, 5424, 5441, 5690, 5566, 5359, 5671, 5300, 5627, 5350, 5458, 5319, 5618, 5340, 5601, 5348, 5682, 5392, 5415, 5725, 5342 (5 hits)
34	9	1.0	333.0	Yes	5506.8MHz, -64.0dBm	Hop sequence: 5444, 5370, 5541, 5708, 5622, 5301, 5287, 5509, 5567, 5253, 5699, 5684, 5340, 5438, 5401, 5675, 5706, 5644, 5715, 5298, 5456, 5468, 5542, 5284, 5625, 5679, 5689, 5599, 5306, 5286, 5418, 5273, 5655, 5335, 5351, 5324, 5274, 5495, 5592, 5559, 5690, 5590, 5579, 5281, 5406, 5433, 5425, 5613, 5317, 5337, 5637, 5476, 5500, 5630, 5558, 5464, 5631, 5360, 5415, 5515, 5362, 5366, 5646, 5678, 5531, 5309, 5597, 5709, 5290, 5647, 5563, 5664, 5549, 5303, 5345, 5576, 5332,



Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5701, 5419, 5568, 5396, 5666, 5585, 5373, 5470, 5710, 5686, 5627, 5350, 5307, 5363, 5272, 5635, 5497, 5553, 5572, 5454, 5461, 5661, 5252 (3 hits)
35	9	1.0	333.0	Yes	5507.8MHz, -64.0dBm	Hop sequence: 5706, 5444, 5628, 5465, 5448, 5413, 5439, 5567, 5675, 5568, 5612, 5591, 5275, 5372, 5453, 5470, 5490, 5320, 5686, 5387, 5517, 5534, 5596, 5552, 5304, 5318, 5383, 5639, 5666, 5438, 5455, 5626, 5523, 5293, 5469, 5681, 5718, 5461, 5285, 5412, 5300, 5673, 5309, 5614, 5571, 5404, 5263, 5458, 5538, 5307, 5627, 5710, 5684, 5526, 5547, 5532, 5334, 5322, 5524, 5480, 5546, 5317, 5368, 5652, 5410, 5680, 5709, 5629, 5705, 5509, 5464, 5701, 5561, 5411, 5472, 5533, 5519, 5408, 5355, 5611, 5418, 5704, 5342, 5630, 5363, 5489, 5433, 5398, 5447, 5608, 5280, 5303, 5502, 5554, 5616, 5364, 5478, 5536, 5290, 5658 (1 hits)
36	9	1.0	333.0	Yes	5508.2MHz, -64.0dBm	Hop sequence: 5455, 5497, 5679, 5331, 5402, 5719, 5529, 5561, 5383, 5422, 5553, 5690, 5346, 5323, 5444, 5321, 5406, 5305, 5268, 5619, 5482, 5453, 5677, 5258, 5463, 5627, 5706, 5725, 5403, 5281, 5546, 5386, 5695, 5358, 5415, 5439, 5629, 5332, 5551, 5290, 5697, 5261, 5684, 5674, 5613, 5654, 5547, 5494, 5682, 5672, 5343, 5380, 5569, 5563, 5333, 5296, 5685, 5643, 5269, 5435, 5413, 5300, 5661, 5365, 5671, 5484, 5703, 5686, 5723, 5650, 5577, 5307, 5523, 5566, 5395, 5477, 5532, 5417, 5586, 5678, 5303, 5373, 5496, 5490, 5450, 5688, 5470, 5368, 5667,

Table 86 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5313, 5647, 5424, 5589, 5421, 5702, 5692, 5391, 5370, 5361, 5457 (3 hits)
37	9	1.0	333.0	Yes	5491.8MHz, -64.0dBm	Hop sequence: 5725, 5281, 5326, 5552, 5459, 5479, 5333, 5275, 5698, 5544, 5615, 5672, 5717, 5623, 5295, 5524, 5465, 5531, 5408, 5495, 5566, 5286, 5507, 5433, 5406, 5265, 5595, 5424, 5384, 5632, 5375, 5659, 5587, 5626, 5411, 5528, 5506, 5455, 5287, 5588, 5323, 5373, 5540, 5541, 5359, 5551, 5399, 5255, 5508, 5252, 5327, 5591, 5604, 5417, 5697, 5432, 5404, 5396, 5638, 5675, 5486, 5530, 5644, 5609, 5427, 5466, 5251, 5372, 5578, 5549, 5380, 5381, 5470, 5416, 5362, 5447, 5302, 5409, 5496, 5428, 5484, 5325, 5341, 5625, 5363, 5646, 5634, 5684, 5686, 5293, 5569, 5342, 5426, 5313, 5328, 5668, 5605, 5429, 5579, 5394 (5 hits)

**Table 87 - Detection Bandwidth Measurements (Bandwidth: +16.5MHz /-16.5MHz) 40MHz**

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5483.40 MHz	0	2	0
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5483.50 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5484.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5485.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	9	1	90
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5510.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5515.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5516.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5516.50 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5516.60 MHz	5	2	71.4

**Table 88 - FCC Short Pulse Radar (Type 1A) Results 40MHz**

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	76	1.0	698.0	Yes	5500.0MHz,-63.0dBm	Single burst
2	74	1.0	718.0	Yes	5504.7MHz,-63.0dBm	Single burst
3	72	1.0	738.0	Yes	5508.3MHz,-63.0dBm	Single burst
4	65	1.0	818.0	Yes	5513.0MHz,-63.0dBm	Single burst
5	92	1.0	578.0	Yes	5516.5MHz,-63.0dBm	Single burst
6	57	1.0	938.0	Yes	5483.5MHz,-63.0dBm	Single burst
7	62	1.0	858.0	Yes	5486.4MHz,-63.0dBm	Single burst
8	99	1.0	538.0	Yes	5493.2MHz,-63.0dBm	Single burst
9	95	1.0	558.0	Yes	5495.9MHz,-63.0dBm	Single burst
10	70	1.0	758.0	Yes	5501.2MHz,-63.0dBm	Single burst
11	81	1.0	658.0	Yes	5502.4MHz,-63.0dBm	Single burst
12	89	1.0	598.0	Yes	5504.6MHz,-63.0dBm	Single burst
13	68	1.0	778.0	Yes	5506.9MHz,-63.0dBm	Single burst
14	61	1.0	878.0	Yes	5512.2MHz,-63.0dBm	Single burst
15	67	1.0	798.0	Yes	5514.6MHz,-63.0dBm	Single burst

**Table 89 - FCC Short Pulse Radar (Type 1B) Results 40MHz**

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	23	1.0	2350.0	Yes	5500.0MHz,-63.0dBm	Single burst
2	36	1.0	1491.0	Yes	5501.2MHz,-63.0dBm	Single burst
3	29	1.0	1867.0	Yes	5506.6MHz,-63.0dBm	Single burst
4	19	1.0	2867.0	Yes	5512.0MHz,-63.0dBm	Single burst
5	38	1.0	1402.0	Yes	5514.4MHz,-63.0dBm	Single burst
6	25	1.0	2168.0	Yes	5516.5MHz,-63.0dBm	Single burst
7	75	1.0	710.0	Yes	5483.5MHz,-63.0dBm	Single burst
8	34	1.0	1584.0	Yes	5487.2MHz,-63.0dBm	Single burst
9	23	1.0	2344.0	Yes	5491.8MHz,-63.0dBm	Single burst
10	41	1.0	1289.0	Yes	5496.9MHz,-63.0dBm	Single burst
11	52	1.0	1033.0	Yes	5502.8MHz,-63.0dBm	Single burst
12	26	1.0	2105.0	Yes	5506.5MHz,-63.0dBm	Single burst
13	19	1.0	2796.0	Yes	5507.8MHz,-63.0dBm	Single burst

<b>Table 89 - FCC Short Pulse Radar (Type 1B) Results 40MHz</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
14	23	1.0	2320.0	Yes	5512.6MHz,-63.0dBm	Single burst
15	34	1.0	1599.0	Yes	5516.5MHz,-63.0dBm	Single burst

<b>Table 90 - FCC Short Pulse Radar (Type 2) Results 40MHz</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	26	3.9	204.0	Yes	5500.0MHz,-63.0dBm	Single burst
2	27	2.3	151.0	Yes	5506.3MHz,-63.0dBm	Single burst
3	27	2.4	207.0	Yes	5512.2MHz,-63.0dBm	Single burst
4	28	3.0	168.0	Yes	5516.5MHz,-63.0dBm	Single burst
5	25	1.1	191.0	Yes	5483.5MHz,-63.0dBm	Single burst
6	28	1.0	157.0	Yes	5484.6MHz,-63.0dBm	Single burst
7	28	4.6	204.0	Yes	5489.3MHz,-63.0dBm	Single burst
8	27	2.9	188.0	Yes	5494.3MHz,-63.0dBm	Single burst
9	29	2.6	207.0	Yes	5495.3MHz,-63.0dBm	Single burst
10	25	2.0	222.0	Yes	5501.4MHz,-63.0dBm	Single burst
11	28	2.8	187.0	Yes	5508.3MHz,-63.0dBm	Single burst
12	26	4.4	172.0	Yes	5511.6MHz,-63.0dBm	Single burst
13	28	3.3	175.0	Yes	5516.5MHz,-63.0dBm	Single burst
14	25	2.4	222.0	Yes	5483.5MHz,-63.0dBm	Single burst
15	29	1.6	150.0	Yes	5486.3MHz,-63.0dBm	Single burst
16	25	1.6	190.0	Yes	5489.5MHz,-63.0dBm	Single burst
17	25	2.5	205.0	Yes	5494.7MHz,-63.0dBm	Single burst
18	28	3.1	157.0	Yes	5497.5MHz,-63.0dBm	Single burst
19	24	1.4	183.0	Yes	5499.7MHz,-63.0dBm	Single burst
20	24	2.6	180.0	Yes	5502.3MHz,-63.0dBm	Single burst
21	29	3.4	214.0	Yes	5505.3MHz,-63.0dBm	Single burst
22	28	1.2	185.0	Yes	5508.3MHz,-63.0dBm	Single burst
23	25	1.7	222.0	Yes	5515.0MHz,-63.0dBm	Single burst
24	26	4.0	162.0	Yes	5516.5MHz,-63.0dBm	Single burst
25	25	1.4	195.0	Yes	5483.5MHz,-63.0dBm	Single burst
26	28	1.1	172.0	Yes	5483.6MHz,-63.0dBm	Single burst
27	25	4.7	197.0	Yes	5486.3MHz,-63.0dBm	Single burst
28	24	4.4	188.0	Yes	5492.6MHz,-63.0dBm	Single burst
29	27	2.5	185.0	Yes	5497.4MHz,-63.0dBm	Single burst
30	26	2.7	208.0	Yes	5498.6MHz,-63.0dBm	Single burst

<b>Table 91 - FCC Short Pulse Radar (Type 3) Results 40MHz</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	18	9.1	366.0	Yes	5500.0MHz,-63.0dBm	Single burst
2	17	6.8	459.0	Yes	5505.4MHz,-63.0dBm	Single burst
3	18	8.9	262.0	Yes	5508.3MHz,-63.0dBm	Single burst
4	17	6.2	327.0	Yes	5512.7MHz,-63.0dBm	Single burst
5	17	9.0	279.0	Yes	5516.5MHz,-63.0dBm	Single burst
6	17	6.7	482.0	Yes	5483.5MHz,-63.0dBm	Single burst
7	17	9.0	434.0	Yes	5484.2MHz,-63.0dBm	Single burst
8	18	7.3	474.0	Yes	5490.2MHz,-63.0dBm	Single burst
9	16	6.3	410.0	Yes	5495.5MHz,-63.0dBm	Single burst
10	17	6.1	466.0	Yes	5499.3MHz,-63.0dBm	Single burst

**Table 91 - FCC Short Pulse Radar (Type 3) Results 40MHz**

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
11	16	8.8	297.0	Yes	5504.9MHz,-63.0dBm	Single burst
12	16	7.3	485.0	Yes	5510.4MHz,-63.0dBm	Single burst
13	16	8.2	348.0	Yes	5513.7MHz,-63.0dBm	Single burst
14	17	9.3	207.0	Yes	5516.5MHz,-63.0dBm	Single burst
15	18	9.8	257.0	Yes	5483.5MHz,-63.0dBm	Single burst
16	17	7.1	443.0	Yes	5484.3MHz,-63.0dBm	Single burst
17	17	8.7	306.0	Yes	5489.8MHz,-63.0dBm	Single burst
18	18	8.9	419.0	Yes	5492.0MHz,-63.0dBm	Single burst
19	18	9.0	249.0	Yes	5498.1MHz,-63.0dBm	Single burst
20	16	6.3	275.0	Yes	5502.2MHz,-63.0dBm	Single burst
21	17	7.1	317.0	Yes	5503.5MHz,-63.0dBm	Single burst
22	18	9.0	403.0	Yes	5505.5MHz,-63.0dBm	Single burst
23	17	8.7	265.0	Yes	5511.1MHz,-63.0dBm	Single burst
24	17	8.0	260.0	Yes	5516.5MHz,-63.0dBm	Single burst
25	16	8.4	411.0	Yes	5483.5MHz,-63.0dBm	Single burst
26	17	7.6	266.0	Yes	5488.6MHz,-63.0dBm	Single burst
27	17	7.3	203.0	Yes	5494.9MHz,-63.0dBm	Single burst
28	17	7.5	290.0	Yes	5500.7MHz,-63.0dBm	Single burst
29	16	7.6	412.0	Yes	5502.7MHz,-63.0dBm	Single burst
30	17	9.4	344.0	Yes	5506.9MHz,-63.0dBm	Single burst

**Table 92 - FCC Short Pulse Radar (Type 4) Results 40MHz**

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	12	13.7	240.0	Yes	5500.0MHz,-63.0dBm	Single burst
2	15	15.9	376.0	Yes	5501.1MHz,-63.0dBm	Single burst
3	13	15.6	402.0	Yes	5502.9MHz,-63.0dBm	Single burst
4	14	14.6	343.0	Yes	5508.1MHz,-63.0dBm	Single burst
5	16	14.7	213.0	Yes	5514.2MHz,-63.0dBm	Single burst
6	15	12.1	474.0	Yes	5515.5MHz,-63.0dBm	Single burst
7	15	18.8	258.0	Yes	5516.5MHz,-63.0dBm	Single burst
8	12	13.2	272.0	Yes	5483.5MHz,-63.0dBm	Single burst
9	15	12.5	469.0	Yes	5483.7MHz,-63.0dBm	Single burst
10	14	12.1	214.0	Yes	5486.5MHz,-63.0dBm	Single burst
11	13	11.1	490.0	Yes	5491.7MHz,-63.0dBm	Single burst
12	14	13.7	220.0	Yes	5498.0MHz,-63.0dBm	Single burst
13	16	17.1	311.0	Yes	5503.3MHz,-63.0dBm	Single burst
14	13	19.2	485.0	Yes	5510.1MHz,-63.0dBm	Single burst
15	12	11.6	255.0	Yes	5511.3MHz,-63.0dBm	Single burst
16	12	13.4	363.0	Yes	5515.0MHz,-63.0dBm	Single burst
17	14	16.8	306.0	Yes	5516.5MHz,-63.0dBm	Single burst
18	14	14.7	487.0	Yes	5483.5MHz,-63.0dBm	Single burst
19	15	11.6	379.0	Yes	5486.2MHz,-63.0dBm	Single burst
20	16	13.4	484.0	Yes	5488.6MHz,-63.0dBm	Single burst
21	15	13.1	345.0	Yes	5489.7MHz,-63.0dBm	Single burst
22	15	14.3	353.0	Yes	5492.0MHz,-63.0dBm	Single burst
23	16	17.4	387.0	Yes	5494.7MHz,-63.0dBm	Single burst
24	13	14.9	257.0	Yes	5500.6MHz,-63.0dBm	Single burst
25	14	19.3	442.0	Yes	5502.6MHz,-63.0dBm	Single burst
26	15	11.7	418.0	Yes	5506.1MHz,-63.0dBm	Single burst
27	15	19.0	429.0	Yes	5510.6MHz,-63.0dBm	Single burst
28	14	13.0	332.0	Yes	5515.5MHz,-63.0dBm	Single burst

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
29	16	16.8	404.0	Yes	5516.5MHz,-63.0dBm	Single burst
30	16	18.8	250.0	Yes	5483.5MHz,-63.0dBm	Single burst

FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5500.0MHz,-63.0dBm
Trial #2	Detected	5500.0MHz,-63.0dBm
Trial #3	Detected	5500.0MHz,-63.0dBm
Trial #4	Detected	5500.0MHz,-63.0dBm
Trial #5	Detected	5500.0MHz,-63.0dBm
Trial #6	Detected	5500.0MHz,-63.0dBm
Trial #7	Detected	5500.0MHz,-63.0dBm
Trial #8	Detected	5500.0MHz,-63.0dBm
Trial #9	Detected	5500.0MHz,-63.0dBm
Trial #10	Detected	5500.0MHz,-63.0dBm
Trial #11	Detected	5490.7MHz,-63.0dBm
Trial #12	Detected	5487.9MHz,-63.0dBm
Trial #13	Detected	5491.1MHz,-63.0dBm
Trial #14	Detected	5490.3MHz,-63.0dBm
Trial #15	Detected	5491.1MHz,-63.0dBm
Trial #16	Detected	5487.5MHz,-63.0dBm
Trial #17	Detected	5487.9MHz,-63.0dBm
Trial #18	Detected	5489.1MHz,-63.0dBm
Trial #19	Detected	5485.9MHz,-63.0dBm
Trial #20	Detected	5488.3MHz,-63.0dBm
Trial #21	Detected	5513.7MHz,-63.0dBm
Trial #22	Detected	5514.5MHz,-63.0dBm
Trial #23	Detected	5514.1MHz,-63.0dBm
Trial #24	Detected	5513.7MHz,-63.0dBm
Trial #25	Detected	5513.7MHz,-63.0dBm
Trial #26	Detected	5512.9MHz,-63.0dBm
Trial #27	Detected	5510.9MHz,-63.0dBm
Trial #28	Detected	5509.7MHz,-63.0dBm
Trial #29	Detected	5512.9MHz,-63.0dBm
Trial #30	Detected	5508.9MHz,-63.0dBm

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.1	17	1687.0	-	0.097520
2	2	78.4	17	1946.0	-	1.103397
3	2	70.8	17	1387.0	-	1.760255
4	1	57.3	17	-	-	2.419568
5	2	61.3	17	1206.0	-	3.278732
6	2	51.1	17	1973.0	-	3.879536
7	1	73.9	17	-	-	4.815475
8	2	89.3	17	1151.0	-	5.446253
9	2	89.1	17	1914.0	-	6.160000

**Table 94 - FCC Long Pulse Radar (Type 5) Waveform Trial#1 (Detected) 40MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
10	1	92.3	17	-	-	6.531453
11	3	77.1	17	1761.0	1315.0	7.177342
12	2	64.1	17	1885.0	-	8.086639
13	2	52.1	17	1745.0	-	8.879524
14	2	94.9	17	1543.0	-	9.369413
15	2	95.6	17	1602.0	-	10.178030
16	2	95.4	17	1432.0	-	10.797864
17	2	94.2	17	1808.0	-	11.306687

**Table 95 - FCC Long Pulse Radar (Type 5) Waveform Trial#2 (Detected) 40MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	71.4	12	1904.0	1218.0	0.159535
2	2	56.9	12	1409.0	-	1.375078
3	1	94.7	12	-	-	2.005959
4	1	80.0	12	-	-	2.971645
5	3	78.5	12	1762.0	1352.0	3.490345
6	3	53.6	12	1510.0	1240.0	5.134105
7	1	74.1	12	-	-	5.664801
8	3	95.4	12	1550.0	1704.0	6.229536
9	2	61.4	12	1546.0	-	7.611664
10	2	73.9	12	1571.0	-	8.297679
11	2	90.9	12	1520.0	-	9.174039
12	2	87.6	12	1083.0	-	10.054107
13	2	51.6	12	1557.0	-	10.305940
14	2	67.8	12	1322.0	-	11.527946

**Table 96 - FCC Long Pulse Radar (Type 5) Waveform Trial#3 (Detected) 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	8	1518.0	-	0.284363
2	1	99.1	8	-	-	0.750052
3	1	86.2	8	-	-	1.544517
4	2	56.5	8	1965.0	-	2.345964
5	2	93.0	8	1550.0	-	2.859133
6	3	59.6	8	1982.0	1035.0	3.256545
7	2	94.9	8	1599.0	-	4.030311
8	2	66.0	8	1798.0	-	4.554157
9	3	89.7	8	1360.0	1559.0	5.649762
10	1	80.9	8	-	-	6.073949
11	2	94.2	8	1407.0	-	6.861524
12	3	91.2	8	1362.0	1475.0	7.482049
13	1	54.7	8	-	-	7.971118
14	2	97.7	8	1935.0	-	8.420128
15	1	96.1	8	-	-	8.858650
16	3	69.1	8	1221.0	1234.0	9.634963
17	2	96.2	8	1442.0	-	10.339083
18	3	97.8	8	1061.0	1406.0	10.811600
19	2	76.2	8	1960.0	-	11.529963

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.2	11	1645.0	1720.0	0.244498
2	1	67.9	11	-	-	1.314789
3	2	82.3	11	1489.0	-	1.911235
4	2	74.1	11	1567.0	-	2.696142
5	2	53.9	11	1972.0	-	3.250366
6	3	91.9	11	1350.0	1030.0	3.975045
7	2	66.4	11	1621.0	-	4.663069
8	2	80.8	11	1742.0	-	5.660685
9	1	57.8	11	-	-	6.400265
10	2	94.8	11	1280.0	-	7.307471
11	1	75.1	11	-	-	8.121492
12	1	76.3	11	-	-	8.632120
13	3	97.6	11	1604.0	1655.0	9.403130
14	2	92.4	11	1162.0	-	10.123966
15	2	70.4	11	1521.0	-	11.068410
16	2	54.1	11	1458.0	-	11.516487

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	99.2	10	1018.0	1693.0	0.102445
2	3	90.4	10	1008.0	1048.0	0.893374
3	2	54.0	10	1961.0	-	1.919428
4	1	91.2	10	-	-	2.732252
5	3	61.9	10	1297.0	1106.0	3.308268
6	3	57.7	10	1247.0	1009.0	4.421937
7	2	56.7	10	1133.0	-	4.852543
8	2	98.0	10	1258.0	-	6.287629
9	1	89.5	10	-	-	6.427417
10	2	71.2	10	1816.0	-	7.844234
11	3	65.1	10	1953.0	1348.0	8.110277
12	2	75.7	10	1789.0	-	9.559812
13	2	70.9	10	1876.0	-	9.918985
14	3	51.8	10	1653.0	1686.0	10.559298
15	3	76.0	10	1534.0	1848.0	11.810404

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.9	13	1273.0	-	0.182033
2	3	86.3	13	1601.0	1278.0	1.716565
3	2	83.4	13	1152.0	-	2.918449
4	2	55.4	13	1992.0	-	3.934618
5	2	94.5	13	1216.0	-	5.023196
6	1	75.6	13	-	-	7.001866
7	3	93.6	13	1530.0	1866.0	8.043988
8	3	63.5	13	1756.0	1732.0	8.716620
9	2	76.5	13	1467.0	-	9.656910
10	1	75.6	13	-	-	11.159275



<b>Table 100 - FCC Long Pulse Radar (Type 5) Waveform Trial#7 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.6	12	1690.0	-	0.333392
2	1	54.3	12	-	-	0.922941
3	1	79.0	12	-	-	1.429960
4	1	99.5	12	-	-	2.554470
5	3	97.5	12	1189.0	1322.0	3.167908
6	3	88.0	12	1710.0	1246.0	3.378008
7	2	57.0	12	1093.0	-	4.146614
8	1	94.4	12	-	-	5.220532
9	2	62.4	12	1325.0	-	5.759767
10	1	82.1	12	-	-	6.519009
11	3	52.1	12	1522.0	1688.0	7.176813
12	2	65.6	12	1984.0	-	7.819409
13	2	78.3	12	1513.0	-	8.054907
14	1	72.5	12	-	-	9.101264
15	2	80.2	12	1417.0	-	9.362804
16	3	88.2	12	1097.0	1345.0	10.633225
17	2	61.9	12	1526.0	-	10.767520
18	2	86.3	12	1762.0	-	11.809142

<b>Table 101 - FCC Long Pulse Radar (Type 5) Waveform Trial#8 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.9	14	1586.0	-	0.678326
2	3	61.5	14	1397.0	1946.0	1.850730
3	2	99.5	14	1013.0	-	2.287717
4	2	53.6	14	1811.0	-	3.443632
5	3	56.4	14	1465.0	1856.0	4.722430
6	2	85.4	14	1950.0	-	5.407230
7	3	90.6	14	1881.0	1835.0	6.755520
8	1	85.6	14	-	-	7.271694
9	1	51.8	14	-	-	8.407987
10	2	97.4	14	1031.0	-	9.022691
11	2	61.2	14	1496.0	-	10.313556
12	2	87.5	14	1292.0	-	11.328040

<b>Table 102 - FCC Long Pulse Radar (Type 5) Waveform Trial#9 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	94.8	14	-	-	1.133314
2	1	82.6	14	-	-	1.946582
3	2	69.5	14	1590.0	-	3.944980
4	2	56.1	14	1152.0	-	5.490149
5	2	92.0	14	1478.0	-	6.742242
6	3	50.5	14	1585.0	1812.0	8.840391
7	2	71.4	14	1852.0	-	9.271675
8	2	84.6	14	1872.0	-	10.566104

<b>Table 103 - FCC Long Pulse Radar (Type 5) Waveform Trial#10 (Detected) 40MHz</b>						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	80.8	16	-	-	1.367867
2	2	92.7	16	1974.0	-	1.998873
3	2	98.3	16	1458.0	-	4.369029
4	2	62.2	16	1366.0	-	4.826840
5	3	79.9	16	1505.0	1669.0	6.907161
6	2	84.8	16	1800.0	-	8.458466
7	2	56.1	16	1493.0	-	9.540690
8	3	87.2	16	1902.0	1291.0	11.233710

**Table 104 - FCC Long Pulse Radar (Type 5) Waveform Trial#11 (Detected) 40MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	51.6	18	1036.0	1432.0	0.592618
2	2	91.2	18	1182.0	-	0.996592
3	1	72.6	18	-	-	1.892327
4	3	54.3	18	1756.0	1256.0	2.250519
5	2	75.7	18	1450.0	-	2.730800
6	2	91.1	18	1156.0	-	3.507896
7	3	55.1	18	1507.0	1025.0	4.159517
8	2	83.7	18	1755.0	-	4.657783
9	2	80.5	18	1535.0	-	5.134598
10	2	50.4	18	1809.0	-	6.052932
11	1	79.1	18	-	-	6.502104
12	1	95.9	18	-	-	7.554957
13	1	79.3	18	-	-	7.661024
14	2	86.7	18	1515.0	-	8.511663
15	1	99.6	18	-	-	8.892699
16	1	79.4	18	-	-	9.548307
17	2	99.8	18	1527.0	-	10.465621
18	1	84.9	18	-	-	10.859467
19	3	55.8	18	1649.0	1366.0	11.870233

**Table 105 - FCC Long Pulse Radar (Type 5) Waveform Trial#12 (Detected) 40MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.1	11	-	-	0.667530
2	1	78.8	11	-	-	1.681297
3	3	82.0	11	1248.0	1952.0	1.974403
4	1	80.5	11	-	-	3.322961
5	2	85.2	11	1958.0	-	3.820298
6	2	55.7	11	1750.0	-	4.524626
7	1	82.1	11	-	-	5.188759
8	3	64.7	11	1633.0	1518.0	6.362342
9	2	71.8	11	1117.0	-	7.124221
10	2	70.4	11	1296.0	-	8.517501
11	1	62.5	11	-	-	9.195377
12	2	96.4	11	1686.0	-	10.254944
13	3	90.9	11	1720.0	1608.0	10.735946
14	2	55.8	11	1855.0	-	11.750193

**Table 106 - FCC Long Pulse Radar (Type 5) Waveform Trial#13 (Detected) 40MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	78.0	19	1775.0	1841.0	0.142471
2	2	86.1	19	1904.0	-	2.137886
3	1	85.6	19	-	-	3.278339
4	3	78.0	19	1534.0	1966.0	4.700890
5	3	88.1	19	1557.0	1196.0	5.859470
6	1	71.8	19	-	-	6.529294
7	3	82.7	19	1746.0	1484.0	7.997928
8	1	92.2	19	-	-	9.489087
9	2	84.6	19	1489.0	-	10.263506
10	2	68.3	19	1595.0	-	11.486635

**Table 107 - FCC Long Pulse Radar (Type 5) Waveform Trial#14 (Detected) 40MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.1	17	1502.0	-	0.076382
2	3	54.0	17	1441.0	1890.0	0.928970
3	2	66.2	17	1868.0	-	1.866875
4	2	50.3	17	1972.0	-	2.462808
5	3	58.0	17	1016.0	1013.0	3.239107
6	3	52.6	17	1064.0	1287.0	3.611991
7	2	87.5	17	1640.0	-	4.706382
8	3	90.5	17	1123.0	1208.0	5.332799
9	1	50.8	17	-	-	6.092320
10	2	81.8	17	1970.0	-	6.916951
11	3	84.3	17	1185.0	1296.0	7.395372
12	3	62.5	17	1833.0	1319.0	8.327870
13	2	89.1	17	1786.0	-	9.031866
14	1	68.4	17	-	-	9.179708
15	2	96.7	17	1859.0	-	10.041481
16	1	68.0	17	-	-	11.029218
17	3	95.7	17	1729.0	1799.0	11.839336

**Table 108 - FCC Long Pulse Radar (Type 5) Waveform Trial#15 (Detected) 40MHz**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.3	19	-	-	0.213509
2	1	60.0	19	-	-	1.137865
3	3	70.7	19	1262.0	1361.0	1.477848
4	2	60.5	19	1560.0	-	2.500517
5	3	79.5	19	1506.0	1744.0	2.811440
6	2	77.3	19	1669.0	-	3.392574
7	2	68.8	19	1515.0	-	4.021518
8	1	68.9	19	-	-	4.868650
9	3	77.7	19	1170.0	1855.0	5.470287
10	2	56.2	19	1138.0	-	6.303539
11	2	91.4	19	1518.0	-	7.258323
12	3	59.8	19	1373.0	1809.0	7.905454
13	2	52.8	19	1254.0	-	8.393677
14	2	60.3	19	1080.0	-	8.961611
15	2	74.0	19	1765.0	-	9.491067
16	2	97.5	19	1580.0	-	10.320862
17	3	75.8	19	1616.0	1326.0	10.837088

<b>Table 108 - FCC Long Pulse Radar (Type 5) Waveform Trial#15 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
18	2	55.1	19	1952.0	-	11.563739

<b>Table 109 - FCC Long Pulse Radar (Type 5) Waveform Trial#16 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.9	10	1451.0	-	0.164906
2	3	76.4	10	1775.0	1997.0	2.311421
3	2	66.1	10	1951.0	-	3.001111
4	1	71.2	10	-	-	4.918615
5	3	56.2	10	1147.0	1946.0	5.681341
6	1	61.2	10	-	-	7.628297
7	2	78.1	10	1516.0	-	8.412374
8	2	83.6	10	1999.0	-	10.433773
9	3	51.3	10	1368.0	1798.0	11.986752

<b>Table 110 - FCC Long Pulse Radar (Type 5) Waveform Trial#17 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	56.5	11	1057.0	-	0.499372
2	3	96.3	11	1801.0	1628.0	2.191428
3	1	50.7	11	-	-	2.525577
4	1	53.2	11	-	-	4.202678
5	2	89.4	11	1318.0	-	5.952999
6	2	90.2	11	1403.0	-	6.721189
7	2	63.4	11	1135.0	-	7.485159
8	2	51.2	11	1687.0	-	8.779755
9	2	81.3	11	1593.0	-	10.541338
10	2	52.1	11	1010.0	-	10.836890

<b>Table 111 - FCC Long Pulse Radar (Type 5) Waveform Trial#18 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.0	14	1987.0	-	0.301616
2	1	74.1	14	-	-	0.753588
3	2	73.7	14	1289.0	-	2.043946
4	3	58.7	14	1888.0	1241.0	2.524211
5	1	88.7	14	-	-	3.349212
6	2	59.6	14	1099.0	-	3.575407
7	3	81.2	14	1008.0	1826.0	4.579151
8	2	56.1	14	1962.0	-	5.640718
9	3	98.8	14	1347.0	1604.0	6.271345
10	1	81.2	14	-	-	6.593040
11	1	63.0	14	-	-	7.388389
12	3	78.6	14	1976.0	1912.0	7.808229
13	3	70.5	14	1114.0	1817.0	8.975633
14	2	73.8	14	1412.0	-	9.709243
15	3	74.0	14	1210.0	1736.0	10.153031
16	3	50.1	14	1809.0	1884.0	11.066286
17	3	81.6	14	1043.0	1780.0	11.424023

<b>Table 112 - FCC Long Pulse Radar (Type 5) Waveform Trial#19 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	84.0	6	-	-	0.214239
2	2	56.5	6	1856.0	-	0.836557
3	2	70.3	6	1616.0	-	1.535300
4	2	77.7	6	1588.0	-	2.591236
5	2	90.2	6	1677.0	-	3.518058
6	2	97.7	6	1079.0	-	4.023122
7	2	95.3	6	1877.0	-	4.595969
8	3	92.8	6	1748.0	1579.0	5.540319
9	3	50.5	6	1652.0	1464.0	6.244042
10	3	69.5	6	1648.0	1471.0	6.809698
11	1	50.3	6	-	-	7.600759
12	3	56.4	6	1647.0	1559.0	7.883049
13	2	92.1	6	1192.0	-	8.891835
14	3	76.5	6	1737.0	1810.0	9.320085
15	2	93.2	6	1893.0	-	9.929953
16	2	55.7	6	1095.0	-	10.863413
17	1	75.9	6	-	-	11.534889

<b>Table 113 - FCC Long Pulse Radar (Type 5) Waveform Trial#20 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	74.6	12	1882.0	-	0.445964
2	3	50.3	12	1464.0	1538.0	0.603605
3	2	54.2	12	1094.0	-	1.280653
4	2	78.9	12	1785.0	-	2.333425
5	1	91.5	12	-	-	2.513597
6	2	94.4	12	1658.0	-	3.199293
7	2	52.8	12	1982.0	-	3.725829
8	3	75.1	12	1978.0	1946.0	4.682013
9	1	71.6	12	-	-	5.348494
10	2	88.7	12	1819.0	-	5.509854
11	2	79.2	12	1131.0	-	6.225645
12	1	73.2	12	-	-	7.093589
13	1	59.7	12	-	-	7.707424
14	2	83.9	12	1313.0	-	8.057901
15	2	70.2	12	1275.0	-	8.499191
16	1	91.7	12	-	-	9.450712
17	1	66.5	12	-	-	9.963219
18	1	94.9	12	-	-	10.789059
19	2	78.9	12	1724.0	-	11.311052
20	3	61.0	12	1627.0	1134.0	11.641492

<b>Table 114 - FCC Long Pulse Radar (Type 5) Waveform Trial#21 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.5	7	-	-	0.593675
2	2	73.4	7	1033.0	-	1.354209
3	2	57.8	7	1844.0	-	2.494455
4	3	71.4	7	1396.0	1482.0	2.602528

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
5	2	69.8	7	1538.0	-	3.794888
6	3	89.7	7	1026.0	1348.0	5.021090
7	1	58.7	7	-	-	5.180736
8	2	68.0	7	1259.0	-	6.478269
9	2	82.2	7	1368.0	-	7.687500
10	3	83.1	7	1407.0	1244.0	7.755731
11	2	55.2	7	1003.0	-	9.087760
12	1	86.1	7	-	-	9.853766
13	3	81.3	7	1989.0	1240.0	11.037129
14	2	64.7	7	1553.0	-	11.449933

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.8	5	1898.0	-	0.707486
2	3	66.9	5	1047.0	1147.0	1.125360
3	3	84.5	5	1572.0	1512.0	1.962943
4	3	76.3	5	1599.0	1445.0	3.134153
5	2	88.0	5	1068.0	-	3.533228
6	1	52.8	5	-	-	4.740684
7	2	54.7	5	1644.0	-	4.945161
8	1	76.4	5	-	-	6.037800
9	2	78.6	5	1709.0	-	6.588899
10	2	53.9	5	1884.0	-	7.506414
11	3	94.0	5	1954.0	1806.0	8.372430
12	2	78.8	5	1633.0	-	9.385142
13	2	54.0	5	1886.0	-	9.850723
14	3	96.7	5	1965.0	1987.0	10.463374
15	2	72.9	5	1935.0	-	11.493870

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.1	6	1118.0	-	0.072879
2	3	60.5	6	1540.0	1390.0	0.773829
3	2	88.3	6	1900.0	-	1.215057
4	1	65.8	6	-	-	1.963197
5	3	70.2	6	1185.0	1276.0	2.461119
6	2	73.8	6	1359.0	-	3.116206
7	1	80.6	6	-	-	3.798729
8	2	55.2	6	1428.0	-	4.365534
9	1	75.0	6	-	-	4.975172
10	2	67.1	6	1978.0	-	5.926356
11	2	54.1	6	1301.0	-	6.302614
12	2	82.2	6	1592.0	-	6.618410
13	2	74.5	6	1360.0	-	7.765879
14	1	73.0	6	-	-	8.231257
15	3	90.6	6	1658.0	1601.0	8.736568
16	3	86.4	6	1986.0	1524.0	9.178659
17	2	69.1	6	1035.0	-	9.676845

<b>Table 116 - FCC Long Pulse Radar (Type 5) Waveform Trial#23 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
18	1	85.7	6	-	-	10.320651
19	1	71.3	6	-	-	11.343539
20	3	83.1	6	1247.0	1862.0	11.978005

<b>Table 117 - FCC Long Pulse Radar (Type 5) Waveform Trial#24 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	74.9	7	1081.0	-	0.192920
2	2	98.4	7	1450.0	-	1.996516
3	2	65.4	7	1064.0	-	2.154323
4	2	74.2	7	1009.0	-	3.851586
5	1	70.0	7	-	-	4.922447
6	2	82.5	7	1283.0	-	5.985768
7	2	69.1	7	1576.0	-	6.577312
8	2	67.5	7	1361.0	-	7.979352
9	1	53.3	7	-	-	8.637493
10	2	89.0	7	1655.0	-	9.865834
11	3	82.4	7	1377.0	1614.0	10.377008
12	2	93.2	7	1857.0	-	11.548012

<b>Table 118 - FCC Long Pulse Radar (Type 5) Waveform Trial#25 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.1	7	1536.0	-	0.260691
2	2	50.9	7	1572.0	-	0.866080
3	1	54.7	7	-	-	2.389267
4	3	59.2	7	1664.0	1061.0	3.173876
5	1	60.8	7	-	-	3.892370
6	1	90.9	7	-	-	4.760391
7	3	95.7	7	1661.0	1510.0	5.507571
8	2	77.5	7	1623.0	-	5.995817
9	3	79.9	7	1384.0	1484.0	7.058428
10	2	54.9	7	1731.0	-	7.313565
11	1	70.0	7	-	-	8.564299
12	2	68.0	7	1179.0	-	9.216338
13	2	95.9	7	1072.0	-	10.094001
14	1	94.0	7	-	-	11.172731
15	3	54.2	7	1885.0	1655.0	11.612862

<b>Table 119 - FCC Long Pulse Radar (Type 5) Waveform Trial#26 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.8	9	1093.0	-	0.453196
2	1	57.1	9	-	-	1.172066
3	1	73.2	9	-	-	2.196643
4	2	58.8	9	1957.0	-	2.651654
5	2	71.9	9	1484.0	-	3.611334
6	2	79.7	9	1302.0	-	4.350393
7	1	78.8	9	-	-	4.870987

<b>Table 119 - FCC Long Pulse Radar (Type 5) Waveform Trial#26 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
8	3	85.3	9	1118.0	1814.0	5.547538
9	1	95.9	9	-	-	6.277571
10	2	80.2	9	1175.0	-	6.847594
11	2	52.4	9	1965.0	-	8.078871
12	3	62.1	9	1504.0	1548.0	8.963732
13	2	71.1	9	1975.0	-	9.701026
14	2	59.4	9	1420.0	-	10.116501
15	2	66.2	9	1552.0	-	10.680558
16	1	66.9	9	-	-	11.644144

<b>Table 120 - FCC Long Pulse Radar (Type 5) Waveform Trial#27 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.1	14	1762.0	1642.0	0.430247
2	2	54.0	14	1143.0	-	1.582917
3	2	62.0	14	1867.0	-	1.845866
4	2	62.1	14	1144.0	-	2.749297
5	2	75.4	14	1236.0	-	3.923863
6	1	50.7	14	-	-	5.039773
7	1	85.7	14	-	-	5.939129
8	2	94.3	14	1988.0	-	6.702601
9	2	58.4	14	1658.0	-	7.296365
10	2	78.5	14	1638.0	-	8.286376
11	2	66.7	14	1858.0	-	8.773313
12	3	82.1	14	1550.0	1008.0	10.022107
13	3	81.3	14	1311.0	1201.0	10.534207
14	2	93.9	14	1709.0	-	11.499665

<b>Table 121 - FCC Long Pulse Radar (Type 5) Waveform Trial#28 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	95.2	17	1976.0	1309.0	0.779907
2	2	57.5	17	1791.0	-	2.304171
3	2	82.0	17	1490.0	-	2.534080
4	2	94.0	17	1233.0	-	4.083759
5	1	85.2	17	-	-	5.809998
6	1	90.5	17	-	-	6.657324
7	2	67.2	17	1040.0	-	7.786091
8	3	86.0	17	1401.0	1467.0	8.522973
9	2	93.2	17	1519.0	-	10.089130
10	2	71.2	17	1096.0	-	11.228756

<b>Table 122 - FCC Long Pulse Radar (Type 5) Waveform Trial#29 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.0	9	1820.0	-	0.072426
2	2	91.9	9	1969.0	-	0.694093
3	1	96.1	9	-	-	1.514695
4	1	78.9	9	-	-	2.267822



<b>Table 122 - FCC Long Pulse Radar (Type 5) Waveform Trial#29 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
5	3	74.5	9	1557.0	1325.0	2.677264
6	2	90.7	9	1375.0	-	3.331156
7	3	53.9	9	1208.0	1043.0	4.080390
8	3	91.4	9	1661.0	1587.0	4.578809
9	1	82.9	9	-	-	5.342481
10	2	81.4	9	1629.0	-	5.795807
11	2	72.0	9	1194.0	-	6.860071
12	2	68.9	9	1977.0	-	7.370769
13	2	64.1	9	1215.0	-	7.766397
14	1	61.9	9	-	-	8.301656
15	2	72.4	9	1213.0	-	9.113558
16	1	75.1	9	-	-	9.699016
17	2	83.3	9	1607.0	-	10.267513
18	2	58.2	9	1218.0	-	11.121530
19	2	67.3	9	1620.0	-	11.426529

<b>Table 123 - FCC Long Pulse Radar (Type 5) Waveform Trial#30 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	71.2	19	1095.0	1569.0	0.825592
2	2	65.3	19	1847.0	-	1.366696
3	2	93.4	19	1804.0	-	2.968806
4	2	82.9	19	1032.0	-	3.799851
5	3	69.0	19	1009.0	1449.0	5.115004
6	3	67.0	19	1656.0	1797.0	6.485394
7	1	93.3	19	-	-	6.841297
8	3	96.3	19	1851.0	1752.0	8.556456
9	3	50.1	19	1559.0	1651.0	9.656259
10	1	61.6	19	-	-	10.409644
11	2	86.4	19	1686.0	-	10.966497

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	9	1.0	333.0	Yes	5483.5MHz,-63.0dBm	Hop sequence: 5370, 5281, 5532, 5528, 5294, 5623, 5576, 5504, 5648, 5254, 5477, 5608, 5434, 5407, 5325, 5724, 5332, 5697, 5286, 5297, 5447, 5344, 5643, 5400, 5454, 5287, 5346, 5406, 5593, 5375, 5657, 5272, 5430, 5424, 5303, 5262, 5374, 5298, 5550, 5628, 5658, 5645, 5572, 5293, 5342, 5470, 5684, 5698, 5362, 5632, 5277, 5280, 5364, 5290, 5285, 5471, 5603, 5363, 5348, 5614, 5335, 5587, 5498, 5316, 5630, 5466, 5674, 5673, 5527, 5549, 5546, 5513, 5365, 5675, 5543, 5668, 5541, 5443, 5386, 5448, 5331, 5581, 5251, 5601, 5484, 5598, 5646, 5653, 5338, 5720, 5676, 5395, 5414, 5275, 5641, 5324, 5649, 5530, 5605, 5328 (4 hits)
2	9	1.0	333.0	Yes	5484.5MHz,-63.0dBm	Hop sequence: 5253, 5639, 5473, 5493, 5604, 5550, 5695, 5308, 5538, 5655, 5436, 5649, 5442, 5501, 5539, 5407, 5317, 5499, 5521, 5316, 5257, 5625, 5682, 5474, 5307, 5591, 5445, 5381, 5545, 5605, 5634, 5429, 5293, 5616, 5502, 5547, 5536, 5299, 5669, 5553, 5324, 5677, 5413, 5558, 5455, 5258, 5278, 5627, 5311, 5711, 5284, 5402, 5277, 5390, 5691, 5337, 5290, 5481, 5621, 5513, 5368, 5526, 5601, 5535, 5374, 5694, 5438, 5356, 5712, 5646, 5281, 5571, 5379, 5484, 5622, 5597, 5288, 5358, 5600, 5500, 5593, 5528, 5569, 5276, 5495, 5721, 5570, 5629, 5371, 5640, 5572, 5626, 5418, 5713, 5447, 5401, 5678, 5268, 5562, 5325 (8 hits)
3	9	1.0	333.0	Yes	5485.5MHz,-63.0dBm	Hop sequence: 5363, 5505, 5661, 5294, 5459,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5664, 5529, 5602, 5675, 5525, 5660, 5712, 5599, 5641, 5277, 5463, 5654, 5577, 5401, 5650, 5582, 5308, 5514, 5267, 5265, 5631, 5696, 5279, 5283, 5261, 5597, 5619, 5647, 5384, 5652, 5706, 5515, 5704, 5589, 5640, 5385, 5666, 5724, 5683, 5555, 5408, 5482, 5292, 5692, 5347, 5266, 5574, 5539, 5646, 5588, 5682, 5500, 5568, 5276, 5674, 5319, 5489, 5369, 5626, 5538, 5546, 5382, 5428, 5678, 5643, 5512, 5534, 5473, 5552, 5691, 5309, 5393, 5524, 5460, 5333, 5630, 5304, 5315, 5287, 5466, 5256, 5438, 5476, 5644, 5367, 5658, 5406, 5306, 5679, 5620, 5415, 5551, 5562, 5571, 5259 (6 hits)
4	9	1.0	333.0	Yes	5486.5MHz,-63.0dBm	Hop sequence: 5465, 5444, 5531, 5567, 5360, 5566, 5323, 5711, 5453, 5421, 5474, 5586, 5470, 5334, 5435, 5277, 5544, 5261, 5498, 5502, 5374, 5371, 5635, 5553, 5487, 5347, 5602, 5651, 5529, 5355, 5608, 5703, 5629, 5588, 5721, 5710, 5545, 5305, 5416, 5306, 5361, 5658, 5719, 5408, 5701, 5267, 5316, 5457, 5533, 5558, 5549, 5469, 5590, 5496, 5359, 5709, 5460, 5383, 5382, 5656, 5515, 5539, 5695, 5634, 5661, 5698, 5550, 5639, 5365, 5700, 5509, 5302, 5376, 5403, 5677, 5715, 5449, 5667, 5605, 5648, 5524, 5353, 5461, 5537, 5315, 5526, 5538, 5475, 5584, 5722, 5285, 5543, 5282, 5338, 5507, 5525, 5295, 5284, 5286, 5263 (7 hits)
5	9	1.0	333.0	Yes	5487.5MHz,-63.0dBm	Hop sequence: 5720, 5578, 5686, 5503, 5348, 5474, 5604, 5337, 5401, 5266, 5448, 5308, 5668, 5511, 5596, 5588, 5681,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5293, 5424, 5618, 5484, 5602, 5350, 5407, 5643, 5382, 5384, 5318, 5551, 5624, 5310, 5323, 5644, 5483, 5331, 5700, 5379, 5518, 5702, 5336, 5497, 5455, 5635, 5418, 5679, 5421, 5314, 5614, 5723, 5559, 5573, 5650, 5468, 5708, 5265, 5632, 5711, 5365, 5459, 5463, 5713, 5550, 5622, 5469, 5260, 5591, 5295, 5593, 5464, 5577, 5352, 5524, 5652, 5641, 5338, 5465, 5548, 5479, 5634, 5660, 5423, 5537, 5664, 5502, 5413, 5533, 5366, 5495, 5642, 5478, 5362, 5267, 5387, 5609, 5693, 5450, 5716, 5595, 5369, 5427 (6 hits)
6	9	1.0	333.0	Yes	5488.5MHz, -63.0dBm	Hop sequence: 5264, 5494, 5315, 5445, 5345, 5710, 5456, 5369, 5360, 5677, 5642, 5536, 5306, 5402, 5386, 5661, 5285, 5336, 5499, 5481, 5649, 5624, 5534, 5398, 5581, 5612, 5272, 5471, 5490, 5331, 5292, 5361, 5626, 5310, 5258, 5504, 5274, 5379, 5633, 5413, 5655, 5666, 5255, 5462, 5450, 5452, 5619, 5265, 5722, 5502, 5713, 5455, 5279, 5584, 5438, 5298, 5561, 5646, 5341, 5486, 5681, 5477, 5295, 5275, 5602, 5550, 5464, 5392, 5422, 5470, 5503, 5358, 5309, 5460, 5689, 5591, 5304, 5576, 5354, 5551, 5501, 5569, 5719, 5317, 5607, 5410, 5587, 5506, 5479, 5600, 5482, 5432, 5511, 5690, 5558, 5705, 5491, 5541, 5437, 5256 (11 hits)
7	9	1.0	333.0	Yes	5489.5MHz, -63.0dBm	Hop sequence: 5308, 5585, 5644, 5503, 5589, 5655, 5516, 5525, 5305, 5371, 5448, 5572, 5481, 5322, 5539, 5677, 5440, 5337, 5280, 5590, 5609, 5307, 5705, 5451, 5575,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5251, 5345, 5357, 5591, 5292, 5264, 5552, 5408, 5403, 5685, 5295, 5509, 5289, 5474, 5421, 5501, 5492, 5650, 5437, 5608, 5595, 5693, 5279, 5407, 5334, 5259, 5551, 5296, 5660, 5573, 5642, 5454, 5703, 5263, 5683, 5452, 5659, 5350, 5652, 5562, 5277, 5566, 5270, 5387, 5657, 5301, 5649, 5478, 5490, 5568, 5710, 5547, 5321, 5272, 5331, 5602, 5466, 5379, 5554, 5617, 5604, 5723, 5390, 5444, 5360, 5352, 5284, 5524, 5471, 5428, 5485, 5435, 5647, 5666, 5630 (7 hits)
8	9	1.0	333.0	Yes	5490.5MHz,-63.0dBm	Hop sequence: 5468, 5294, 5695, 5701, 5291, 5424, 5534, 5664, 5514, 5348, 5469, 5308, 5630, 5449, 5270, 5283, 5702, 5573, 5662, 5323, 5633, 5491, 5494, 5644, 5502, 5594, 5721, 5666, 5564, 5339, 5428, 5637, 5388, 5535, 5597, 5379, 5333, 5431, 5568, 5508, 5566, 5505, 5321, 5717, 5301, 5617, 5544, 5457, 5439, 5580, 5517, 5626, 5713, 5579, 5506, 5547, 5525, 5395, 5385, 5403, 5296, 5693, 5587, 5273, 5609, 5432, 5382, 5265, 5297, 5589, 5306, 5402, 5257, 5304, 5697, 5350, 5287, 5669, 5331, 5683, 5288, 5668, 5390, 5611, 5464, 5290, 5483, 5278, 5336, 5438, 5311, 5601, 5689, 5512, 5665, 5368, 5493, 5635, 5435, 5631 (9 hits)
9	9	1.0	333.0	Yes	5491.5MHz,-63.0dBm	Hop sequence: 5725, 5447, 5481, 5560, 5423, 5708, 5371, 5673, 5445, 5661, 5626, 5393, 5599, 5535, 5428, 5679, 5607, 5256, 5422, 5328, 5387, 5540, 5641, 5553, 5303, 5335, 5348, 5321, 5541, 5413, 5580, 5558, 5628, 5465, 5501, 5571, 5258,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5363, 5307, 5690, 5409, 5314, 5338, 5575, 5435, 5682, 5530, 5480, 5299, 5357, 5490, 5327, 5279, 5529, 5627, 5255, 5561, 5308, 5597, 5578, 5273, 5586, 5442, 5527, 5388, 5594, 5572, 5472, 5570, 5631, 5719, 5397, 5546, 5584, 5340, 5633, 5539, 5471, 5696, 5510, 5466, 5322, 5284, 5688, 5650, 5619, 5362, 5718, 5492, 5391, 5292, 5720, 5269, 5276, 5585, 5270, 5664, 5337, 5576, 5454 (4 hits)
10	9	1.0	333.0	Yes	5492.5MHz,-63.0dBm	Hop sequence: 5384, 5410, 5275, 5671, 5273, 5315, 5722, 5376, 5632, 5560, 5712, 5676, 5442, 5639, 5306, 5566, 5492, 5570, 5647, 5362, 5579, 5604, 5698, 5344, 5440, 5447, 5684, 5398, 5421, 5538, 5643, 5506, 5511, 5504, 5658, 5533, 5267, 5651, 5462, 5575, 5535, 5569, 5524, 5614, 5498, 5526, 5298, 5415, 5508, 5274, 5590, 5438, 5476, 5644, 5251, 5391, 5299, 5322, 5574, 5369, 5252, 5518, 5394, 5297, 5685, 5603, 5529, 5305, 5707, 5692, 5428, 5295, 5288, 5530, 5381, 5601, 5620, 5542, 5426, 5405, 5339, 5555, 5531, 5505, 5345, 5615, 5446, 5513, 5706, 5708, 5637, 5333, 5573, 5430, 5448, 5514, 5374, 5367, 5302, 5477 (9 hits)
11	9	1.0	333.0	Yes	5493.5MHz,-63.0dBm	Hop sequence: 5409, 5272, 5627, 5648, 5676, 5561, 5610, 5599, 5581, 5475, 5499, 5340, 5345, 5485, 5689, 5595, 5670, 5538, 5517, 5569, 5698, 5527, 5619, 5700, 5666, 5535, 5597, 5663, 5651, 5440, 5558, 5706, 5575, 5471, 5714, 5720, 5274, 5492, 5302, 5303, 5544, 5708, 5533, 5378, 5422, 5348, 5683, 5554, 5635,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5254, 5330, 5305, 5616, 5435, 5652, 5251, 5571, 5606, 5630, 5261, 5321, 5560, 5353, 5437, 5513, 5516, 5388, 5509, 5626, 5614, 5352, 5684, 5522, 5710, 5640, 5564, 5624, 5515, 5477, 5587, 5673, 5577, 5429, 5375, 5649, 5265, 5594, 5309, 5417, 5385, 5286, 5601, 5532, 5726, 5426, 5697, 5604, 5425, 5608, 5584 (7 hits)
12	9	1.0	333.0	Yes	5494.5MHz,-63.0dBm	Hop sequence: 5533, 5618, 5481, 5711, 5280, 5700, 5381, 5541, 5339, 5631, 5482, 5475, 5562, 5673, 5561, 5572, 5430, 5374, 5665, 5251, 5413, 5520, 5704, 5684, 5602, 5601, 5254, 5470, 5415, 5506, 5648, 5574, 5662, 5548, 5436, 5346, 5411, 5493, 5252, 5580, 5435, 5690, 5570, 5370, 5606, 5549, 5398, 5646, 5304, 5322, 5429, 5347, 5459, 5573, 5592, 5540, 5308, 5651, 5296, 5644, 5674, 5368, 5617, 5695, 5719, 5402, 5330, 5590, 5326, 5627, 5445, 5503, 5511, 5537, 5261, 5367, 5404, 5538, 5314, 5300, 5543, 5395, 5386, 5479, 5253, 5281, 5546, 5655, 5658, 5438, 5714, 5485, 5305, 5258, 5431, 5427, 5384, 5585, 5443, 5451 (5 hits)
13	9	1.0	333.0	Yes	5495.5MHz,-63.0dBm	Hop sequence: 5702, 5531, 5473, 5384, 5458, 5388, 5564, 5639, 5649, 5623, 5386, 5677, 5397, 5381, 5425, 5347, 5470, 5684, 5705, 5630, 5485, 5692, 5619, 5610, 5585, 5560, 5577, 5609, 5401, 5584, 5370, 5573, 5682, 5509, 5614, 5364, 5444, 5257, 5267, 5439, 5264, 5556, 5718, 5521, 5518, 5596, 5321, 5641, 5491, 5438, 5546, 5363, 5301, 5318, 5637, 5369, 5638, 5360, 5722, 5474, 5332,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5331, 5324, 5426, 5418, 5504, 5285, 5472, 5250, 5314, 5446, 5357, 5333, 5502, 5552, 5413, 5419, 5506, 5345, 5510, 5429, 5296, 5268, 5602, 5475, 5693, 5366, 5392, 5690, 5483, 5433, 5270, 5680, 5420, 5524, 5689, 5407, 5352, 5643, 5330 (7 hits)
14	9	1.0	333.0	Yes	5496.5MHz,-63.0dBm	Hop sequence: 5389, 5586, 5651, 5348, 5714, 5494, 5325, 5681, 5668, 5262, 5327, 5562, 5520, 5551, 5726, 5626, 5598, 5334, 5544, 5565, 5616, 5607, 5364, 5498, 5627, 5675, 5409, 5261, 5312, 5411, 5445, 5528, 5260, 5553, 5684, 5438, 5594, 5606, 5500, 5441, 5532, 5658, 5634, 5354, 5323, 5688, 5596, 5393, 5584, 5677, 5696, 5448, 5502, 5340, 5437, 5623, 5358, 5252, 5482, 5458, 5546, 5473, 5417, 5316, 5504, 5413, 5449, 5597, 5567, 5564, 5293, 5722, 5621, 5408, 5554, 5430, 5468, 5431, 5271, 5275, 5661, 5391, 5577, 5436, 5570, 5423, 5278, 5697, 5662, 5341, 5339, 5687, 5580, 5630, 5699, 5488, 5425, 5609, 5346, 5320 (6 hits)
15	9	1.0	333.0	Yes	5497.5MHz,-63.0dBm	Hop sequence: 5694, 5571, 5553, 5422, 5677, 5393, 5413, 5362, 5352, 5301, 5681, 5532, 5419, 5605, 5607, 5590, 5648, 5606, 5365, 5318, 5364, 5291, 5282, 5629, 5432, 5559, 5661, 5724, 5416, 5577, 5386, 5540, 5555, 5585, 5636, 5688, 5394, 5304, 5262, 5405, 5640, 5399, 5682, 5466, 5407, 5634, 5483, 5712, 5531, 5698, 5274, 5707, 5315, 5272, 5672, 5717, 5667, 5563, 5486, 5643, 5696, 5513, 5479, 5645, 5471, 5547, 5604, 5523, 5575, 5452, 5333, 5537, 5278,



Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5622, 5554, 5641, 5363, 5457, 5616, 5583, 5288, 5599, 5655, 5289, 5334, 5582, 5619, 5469, 5613, 5424, 5512, 5379, 5366, 5489, 5647, 5518, 5420, 5298, 5525, 5653 (4 hits)
16	9	1.0	333.0	Yes	5498.5MHz,-63.0dBm	Hop sequence: 5604, 5692, 5365, 5687, 5611, 5655, 5672, 5631, 5711, 5656, 5680, 5663, 5490, 5429, 5717, 5642, 5390, 5396, 5664, 5336, 5374, 5632, 5379, 5610, 5402, 5516, 5492, 5330, 5554, 5373, 5488, 5475, 5452, 5447, 5620, 5321, 5461, 5428, 5284, 5297, 5665, 5392, 5686, 5273, 5469, 5343, 5288, 5270, 5505, 5285, 5684, 5328, 5714, 5290, 5702, 5481, 5719, 5575, 5706, 5651, 5555, 5689, 5517, 5636, 5704, 5578, 5411, 5543, 5607, 5280, 5577, 5602, 5301, 5332, 5678, 5300, 5707, 5520, 5353, 5279, 5585, 5521, 5387, 5407, 5703, 5448, 5626, 5491, 5558, 5542, 5724, 5302, 5526, 5250, 5641, 5563, 5370, 5685, 5618, 5315 (6 hits)
17	9	1.0	333.0	Yes	5499.5MHz,-63.0dBm	Hop sequence: 5459, 5456, 5399, 5564, 5421, 5451, 5563, 5649, 5297, 5674, 5404, 5375, 5306, 5714, 5262, 5522, 5385, 5582, 5634, 5407, 5626, 5696, 5338, 5715, 5688, 5588, 5405, 5337, 5295, 5595, 5413, 5606, 5569, 5552, 5390, 5511, 5255, 5377, 5336, 5482, 5573, 5514, 5316, 5287, 5476, 5710, 5468, 5388, 5417, 5303, 5583, 5327, 5718, 5636, 5600, 5322, 5617, 5530, 5653, 5708, 5545, 5659, 5647, 5648, 5307, 5553, 5398, 5567, 5361, 5332, 5391, 5437, 5694, 5645, 5284, 5313, 5725, 5412, 5340, 5308, 5462, 5633, 5690, 5299, 5445,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5424, 5635, 5576, 5263, 5357, 5288, 5701, 5664, 5481, 5525, 5629, 5310, 5678, 5252, 5568 (2 hits)
18	9	1.0	333.0	Yes	5500.5MHz,-63.0dBm	Hop sequence: 5578, 5377, 5488, 5576, 5327, 5313, 5277, 5555, 5386, 5600, 5434, 5341, 5276, 5720, 5476, 5564, 5528, 5425, 5319, 5622, 5688, 5462, 5700, 5527, 5453, 5467, 5444, 5384, 5402, 5694, 5443, 5635, 5685, 5286, 5494, 5374, 5383, 5710, 5554, 5509, 5505, 5522, 5568, 5709, 5510, 5252, 5283, 5370, 5396, 5385, 5305, 5347, 5607, 5668, 5673, 5602, 5255, 5337, 5589, 5427, 5537, 5722, 5588, 5640, 5586, 5704, 5591, 5679, 5567, 5301, 5639, 5332, 5330, 5360, 5321, 5623, 5362, 5471, 5433, 5482, 5615, 5464, 5477, 5394, 5439, 5450, 5573, 5643, 5348, 5315, 5577, 5293, 5520, 5516, 5485, 5272, 5259, 5372, 5466, 5442 (7 hits)
19	9	1.0	333.0	Yes	5501.5MHz,-63.0dBm	Hop sequence: 5393, 5606, 5571, 5522, 5275, 5643, 5586, 5336, 5684, 5478, 5355, 5447, 5517, 5410, 5572, 5639, 5273, 5723, 5457, 5555, 5627, 5463, 5323, 5645, 5561, 5477, 5564, 5499, 5492, 5363, 5362, 5341, 5695, 5636, 5483, 5600, 5330, 5613, 5324, 5717, 5702, 5353, 5356, 5532, 5344, 5629, 5706, 5720, 5297, 5282, 5504, 5518, 5263, 5570, 5554, 5576, 5391, 5707, 5352, 5316, 5347, 5660, 5302, 5497, 5267, 5320, 5369, 5315, 5674, 5696, 5602, 5268, 5384, 5254, 5317, 5725, 5500, 5380, 5514, 5609, 5486, 5462, 5386, 5523, 5312, 5472, 5505, 5354, 5424, 5631, 5667, 5578, 5321, 5318, 5474, 5272, 5490,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5648, 5408, 5328 (9 hits)
20	9	1.0	333.0	Yes	5502.5MHz,-63.0dBm	Hop sequence: 5498, 5474, 5327, 5552, 5389, 5704, 5636, 5277, 5669, 5350, 5667, 5583, 5508, 5567, 5550, 5623, 5641, 5646, 5396, 5510, 5334, 5451, 5505, 5297, 5529, 5432, 5402, 5471, 5673, 5522, 5547, 5365, 5553, 5656, 5257, 5260, 5290, 5580, 5328, 5338, 5719, 5299, 5538, 5351, 5549, 5369, 5519, 5271, 5693, 5371, 5514, 5293, 5725, 5477, 5674, 5497, 5612, 5603, 5557, 5452, 5419, 5562, 5645, 5637, 5625, 5588, 5530, 5599, 5576, 5563, 5265, 5261, 5624, 5659, 5476, 5551, 5535, 5696, 5585, 5337, 5690, 5478, 5352, 5604, 5374, 5591, 5266, 5448, 5613, 5393, 5577, 5594, 5274, 5425, 5336, 5313, 5685, 5687, 5575, 5665 (6 hits)
21	9	1.0	333.0	Yes	5503.5MHz,-63.0dBm	Hop sequence: 5357, 5408, 5353, 5660, 5663, 5446, 5295, 5649, 5564, 5603, 5462, 5265, 5476, 5474, 5416, 5443, 5719, 5631, 5715, 5360, 5507, 5602, 5281, 5334, 5440, 5293, 5539, 5691, 5534, 5418, 5429, 5525, 5487, 5556, 5354, 5699, 5303, 5407, 5632, 5592, 5713, 5342, 5513, 5306, 5382, 5615, 5621, 5294, 5583, 5641, 5283, 5497, 5355, 5377, 5304, 5413, 5375, 5356, 5605, 5562, 5308, 5628, 5523, 5400, 5671, 5613, 5251, 5520, 5712, 5351, 5371, 5477, 5279, 5499, 5254, 5674, 5591, 5268, 5312, 5570, 5432, 5402, 5543, 5437, 5478, 5406, 5273, 5526, 5544, 5399, 5300, 5640, 5694, 5723, 5309, 5677, 5563, 5540, 5475, 5725 (5 hits)
22	9	1.0	333.0	Yes	5504.5MHz,-63.0dBm	Hop sequence: 5354, 5337, 5536, 5530, 5340,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5633, 5378, 5320, 5397, 5339, 5366, 5286, 5723, 5327, 5456, 5345, 5469, 5529, 5515, 5373, 5533, 5640, 5498, 5336, 5377, 5452, 5504, 5613, 5403, 5437, 5273, 5609, 5651, 5365, 5319, 5449, 5326, 5372, 5464, 5352, 5577, 5301, 5405, 5477, 5585, 5439, 5601, 5376, 5434, 5306, 5667, 5480, 5440, 5615, 5260, 5370, 5417, 5571, 5476, 5350, 5311, 5422, 5371, 5496, 5330, 5348, 5614, 5566, 5516, 5495, 5518, 5719, 5538, 5630, 5355, 5268, 5412, 5593, 5677, 5637, 5394, 5687, 5718, 5675, 5506, 5277, 5541, 5262, 5482, 5645, 5367, 5517, 5599, 5267, 5631, 5333, 5626, 5502, 5315, 5404 (8 hits)
23	9	1.0	333.0	Yes	5505.5MHz,-63.0dBm	Hop sequence: 5387, 5439, 5483, 5299, 5344, 5491, 5574, 5410, 5487, 5339, 5551, 5498, 5720, 5675, 5515, 5321, 5557, 5326, 5507, 5674, 5680, 5717, 5710, 5658, 5460, 5315, 5519, 5407, 5510, 5560, 5366, 5723, 5564, 5630, 5424, 5283, 5477, 5539, 5476, 5271, 5711, 5643, 5301, 5332, 5693, 5452, 5392, 5636, 5573, 5713, 5634, 5444, 5464, 5526, 5378, 5532, 5494, 5584, 5645, 5334, 5428, 5695, 5419, 5422, 5626, 5676, 5306, 5345, 5298, 5384, 5617, 5462, 5257, 5414, 5520, 5338, 5683, 5688, 5505, 5352, 5648, 5372, 5544, 5677, 5391, 5426, 5423, 5373, 5597, 5587, 5433, 5398, 5649, 5323, 5253, 5706, 5263, 5335, 5502, 5254 (9 hits)
24	9	1.0	333.0	Yes	5506.5MHz,-63.0dBm	Hop sequence: 5365, 5357, 5417, 5441, 5396, 5332, 5585, 5530, 5349, 5251, 5355, 5655, 5295, 5553, 5342, 5533, 5454,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5423, 5330, 5572, 5497, 5294, 5292, 5642, 5316, 5381, 5311, 5322, 5341, 5384, 5266, 5301, 5416, 5442, 5561, 5356, 5411, 5466, 5325, 5289, 5482, 5352, 5451, 5669, 5722, 5366, 5472, 5420, 5461, 5285, 5629, 5308, 5389, 5593, 5713, 5578, 5654, 5274, 5680, 5704, 5521, 5307, 5537, 5610, 5361, 5718, 5444, 5265, 5373, 5670, 5628, 5471, 5590, 5339, 5706, 5374, 5465, 5500, 5700, 5426, 5541, 5489, 5367, 5401, 5435, 5515, 5286, 5394, 5329, 5641, 5429, 5527, 5660, 5682, 5408, 5594, 5282, 5571, 5491, 5620 (5 hits)
25	9	1.0	333.0	Yes	5507.5MHz, -63.0dBm	Hop sequence: 5336, 5705, 5518, 5707, 5322, 5352, 5621, 5643, 5619, 5623, 5649, 5374, 5313, 5635, 5694, 5285, 5684, 5402, 5429, 5504, 5354, 5396, 5701, 5716, 5522, 5450, 5430, 5482, 5510, 5339, 5592, 5719, 5393, 5316, 5633, 5253, 5550, 5349, 5288, 5573, 5262, 5683, 5572, 5256, 5409, 5377, 5535, 5574, 5373, 5500, 5612, 5585, 5484, 5367, 5578, 5422, 5590, 5281, 5583, 5372, 5453, 5536, 5448, 5587, 5693, 5306, 5283, 5391, 5325, 5425, 5382, 5432, 5257, 5514, 5387, 5485, 5351, 5702, 5690, 5323, 5604, 5722, 5593, 5411, 5597, 5252, 5648, 5369, 5392, 5310, 5580, 5674, 5417, 5718, 5328, 5611, 5467, 5668, 5493, 5321 (7 hits)
26	9	1.0	333.0	Yes	5508.5MHz, -63.0dBm	Hop sequence: 5392, 5424, 5677, 5538, 5496, 5682, 5506, 5589, 5388, 5292, 5473, 5341, 5512, 5674, 5381, 5719, 5708, 5485, 5430, 5709, 5562, 5666, 5477, 5374, 5307, 5659, 5394, 5725, 5711,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5656, 5703, 5441, 5625, 5285, 5654, 5407, 5457, 5586, 5328, 5429, 5417, 5337, 5353, 5274, 5446, 5679, 5710, 5399, 5561, 5582, 5434, 5570, 5583, 5616, 5628, 5533, 5684, 5288, 5397, 5680, 5440, 5576, 5598, 5290, 5593, 5371, 5587, 5453, 5715, 5463, 5683, 5339, 5565, 5599, 5336, 5617, 5549, 5251, 5668, 5334, 5415, 5611, 5609, 5615, 5414, 5717, 5281, 5640, 5564, 5267, 5510, 5406, 5662, 5279, 5289, 5280, 5618, 5584, 5421, 5675 (5 hits)
27	9	1.0	333.0	Yes	5509.5MHz,-63.0dBm	Hop sequence: 5542, 5306, 5547, 5351, 5465, 5723, 5622, 5437, 5270, 5475, 5589, 5275, 5271, 5540, 5433, 5358, 5348, 5420, 5322, 5455, 5573, 5519, 5644, 5680, 5683, 5266, 5646, 5252, 5440, 5554, 5685, 5446, 5255, 5453, 5389, 5332, 5346, 5560, 5543, 5721, 5643, 5479, 5620, 5269, 5507, 5425, 5464, 5489, 5679, 5719, 5443, 5510, 5550, 5402, 5477, 5491, 5494, 5287, 5505, 5548, 5722, 5278, 5641, 5397, 5338, 5371, 5600, 5304, 5432, 5523, 5608, 5664, 5277, 5501, 5347, 5562, 5285, 5493, 5522, 5385, 5406, 5652, 5621, 5313, 5592, 5705, 5635, 5577, 5316, 5480, 5563, 5481, 5504, 5702, 5373, 5645, 5536, 5726, 5502, 5375 (10 hits)
28	9	1.0	333.0	Yes	5510.5MHz,-63.0dBm	Hop sequence: 5397, 5445, 5353, 5612, 5514, 5289, 5422, 5424, 5711, 5431, 5573, 5568, 5429, 5370, 5552, 5642, 5275, 5386, 5314, 5504, 5360, 5343, 5571, 5509, 5662, 5262, 5627, 5619, 5368, 5390, 5308, 5649, 5325, 5565, 5438, 5606, 5378,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5376, 5524, 5564, 5584, 5443, 5610, 5488, 5437, 5541, 5502, 5311, 5595, 5588, 5525, 5538, 5704, 5506, 5305, 5667, 5253, 5713, 5666, 5486, 5660, 5581, 5350, 5260, 5329, 5432, 5685, 5373, 5645, 5420, 5690, 5356, 5284, 5563, 5490, 5410, 5663, 5299, 5629, 5523, 5542, 5577, 5393, 5256, 5501, 5498, 5500, 5589, 5712, 5261, 5281, 5461, 5652, 5405, 5650, 5630, 5310, 5414, 5455, 5392 (11 hits)
29	9	1.0	333.0	Yes	5511.5MHz,-63.0dBm	Hop sequence: 5367, 5348, 5552, 5725, 5462, 5506, 5485, 5527, 5573, 5294, 5648, 5466, 5493, 5510, 5479, 5273, 5264, 5321, 5383, 5363, 5638, 5604, 5703, 5431, 5716, 5593, 5655, 5475, 5724, 5723, 5349, 5484, 5386, 5351, 5585, 5564, 5412, 5434, 5659, 5596, 5700, 5608, 5708, 5595, 5538, 5535, 5272, 5529, 5551, 5402, 5522, 5399, 5307, 5706, 5480, 5685, 5628, 5705, 5512, 5504, 5675, 5457, 5482, 5305, 5428, 5432, 5314, 5702, 5459, 5559, 5393, 5437, 5643, 5668, 5286, 5594, 5426, 5654, 5387, 5400, 5310, 5720, 5642, 5663, 5333, 5469, 5309, 5255, 5689, 5467, 5320, 5330, 5451, 5429, 5698, 5444, 5329, 5433, 5385, 5413 (7 hits)
30	9	1.0	333.0	Yes	5512.5MHz,-63.0dBm	Hop sequence: 5360, 5677, 5281, 5654, 5449, 5492, 5429, 5671, 5400, 5559, 5678, 5407, 5388, 5421, 5469, 5395, 5317, 5277, 5434, 5569, 5466, 5384, 5405, 5458, 5461, 5441, 5543, 5415, 5347, 5356, 5303, 5634, 5294, 5471, 5260, 5652, 5425, 5613, 5357, 5495, 5459, 5508, 5382, 5475, 5619,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5566, 5353, 5554, 5435, 5548, 5565, 5295, 5319, 5545, 5261, 5263, 5339, 5514, 5352, 5606, 5575, 5385, 5369, 5698, 5696, 5516, 5335, 5511, 5564, 5329, 5488, 5544, 5342, 5307, 5270, 5595, 5643, 5476, 5345, 5465, 5383, 5608, 5323, 5596, 5531, 5621, 5638, 5300, 5586, 5536, 5272, 5537, 5275, 5362, 5546, 5268, 5668, 5693, 5581, 5507 (8 hits)
31	9	1.0	333.0	Yes	5513.5MHz,-63.0dBm	Hop sequence: 5437, 5508, 5604, 5472, 5533, 5699, 5468, 5650, 5712, 5519, 5681, 5384, 5452, 5338, 5370, 5552, 5264, 5561, 5413, 5722, 5300, 5353, 5455, 5328, 5515, 5636, 5597, 5693, 5391, 5287, 5439, 5538, 5321, 5454, 5429, 5354, 5299, 5578, 5646, 5406, 5368, 5282, 5725, 5388, 5326, 5434, 5298, 5686, 5651, 5637, 5441, 5417, 5316, 5709, 5687, 5521, 5424, 5529, 5592, 5390, 5379, 5373, 5590, 5436, 5490, 5603, 5570, 5639, 5583, 5542, 5272, 5528, 5638, 5714, 5613, 5435, 5576, 5312, 5428, 5600, 5516, 5705, 5449, 5405, 5556, 5254, 5589, 5522, 5286, 5308, 5504, 5375, 5505, 5464, 5351, 5567, 5674, 5598, 5676, 5659 (6 hits)
32	9	1.0	333.0	Yes	5514.5MHz,-63.0dBm	Hop sequence: 5665, 5406, 5666, 5458, 5538, 5616, 5521, 5279, 5365, 5373, 5623, 5285, 5331, 5617, 5659, 5483, 5407, 5314, 5280, 5718, 5547, 5265, 5650, 5290, 5570, 5562, 5300, 5656, 5549, 5291, 5429, 5567, 5648, 5712, 5461, 5392, 5352, 5408, 5410, 5337, 5478, 5513, 5519, 5433, 5654, 5372, 5503, 5682, 5357, 5443, 5516, 5691, 5591, 5482, 5287, 5695, 5533,



Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5608, 5624, 5426, 5642, 5293, 5480, 5457, 5403, 5477, 5404, 5510, 5569, 5635, 5693, 5362, 5344, 5543, 5274, 5680, 5470, 5485, 5440, 5312, 5437, 5375, 5719, 5450, 5508, 5334, 5256, 5273, 5361, 5363, 5466, 5294, 5350, 5541, 5542, 5548, 5353, 5593, 5343, 5710 (6 hits)
33	9	1.0	333.0	Yes	5515.5MHz,-63.0dBm	Hop sequence: 5254, 5599, 5519, 5610, 5555, 5338, 5543, 5485, 5652, 5317, 5724, 5500, 5322, 5551, 5718, 5548, 5323, 5685, 5361, 5703, 5708, 5453, 5501, 5570, 5629, 5560, 5469, 5335, 5355, 5365, 5611, 5330, 5633, 5573, 5510, 5456, 5399, 5394, 5525, 5505, 5635, 5293, 5557, 5711, 5468, 5275, 5478, 5705, 5373, 5410, 5491, 5462, 5340, 5292, 5354, 5424, 5579, 5666, 5458, 5622, 5513, 5578, 5564, 5675, 5533, 5700, 5565, 5441, 5279, 5483, 5671, 5589, 5532, 5267, 5494, 5686, 5390, 5311, 5324, 5321, 5376, 5674, 5379, 5628, 5663, 5313, 5364, 5372, 5396, 5572, 5285, 5704, 5680, 5687, 5695, 5360, 5517, 5383, 5316, 5430 (8 hits)
34	9	1.0	333.0	Yes	5516.5MHz,-63.0dBm	Hop sequence: 5409, 5503, 5540, 5508, 5516, 5712, 5336, 5437, 5264, 5352, 5308, 5273, 5592, 5377, 5392, 5366, 5319, 5510, 5511, 5355, 5488, 5334, 5687, 5365, 5638, 5428, 5559, 5451, 5611, 5485, 5333, 5457, 5356, 5358, 5288, 5608, 5445, 5470, 5636, 5538, 5414, 5545, 5257, 5466, 5371, 5304, 5486, 5701, 5546, 5375, 5586, 5720, 5699, 5681, 5379, 5521, 5421, 5325, 5266, 5536, 5719, 5380, 5455, 5558, 5254, 5278, 5665, 5650, 5438,

Table 124 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5567, 5620, 5641, 5282, 5374, 5471, 5292, 5610, 5312, 5259, 5321, 5670, 5349, 5645, 5460, 5657, 5280, 5500, 5426, 5354, 5574, 5562, 5682, 5515, 5600, 5381, 5324, 5637, 5413, 5571, 5350 (10 hits)

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 125 - FCC Part 15 Subpart E Channel Closing Test Results (Master)					
Waveform Type	Channel Closing Transmission Time <sup>1</sup>		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 0	0ms	60 ms	46ms	10 s	Pass

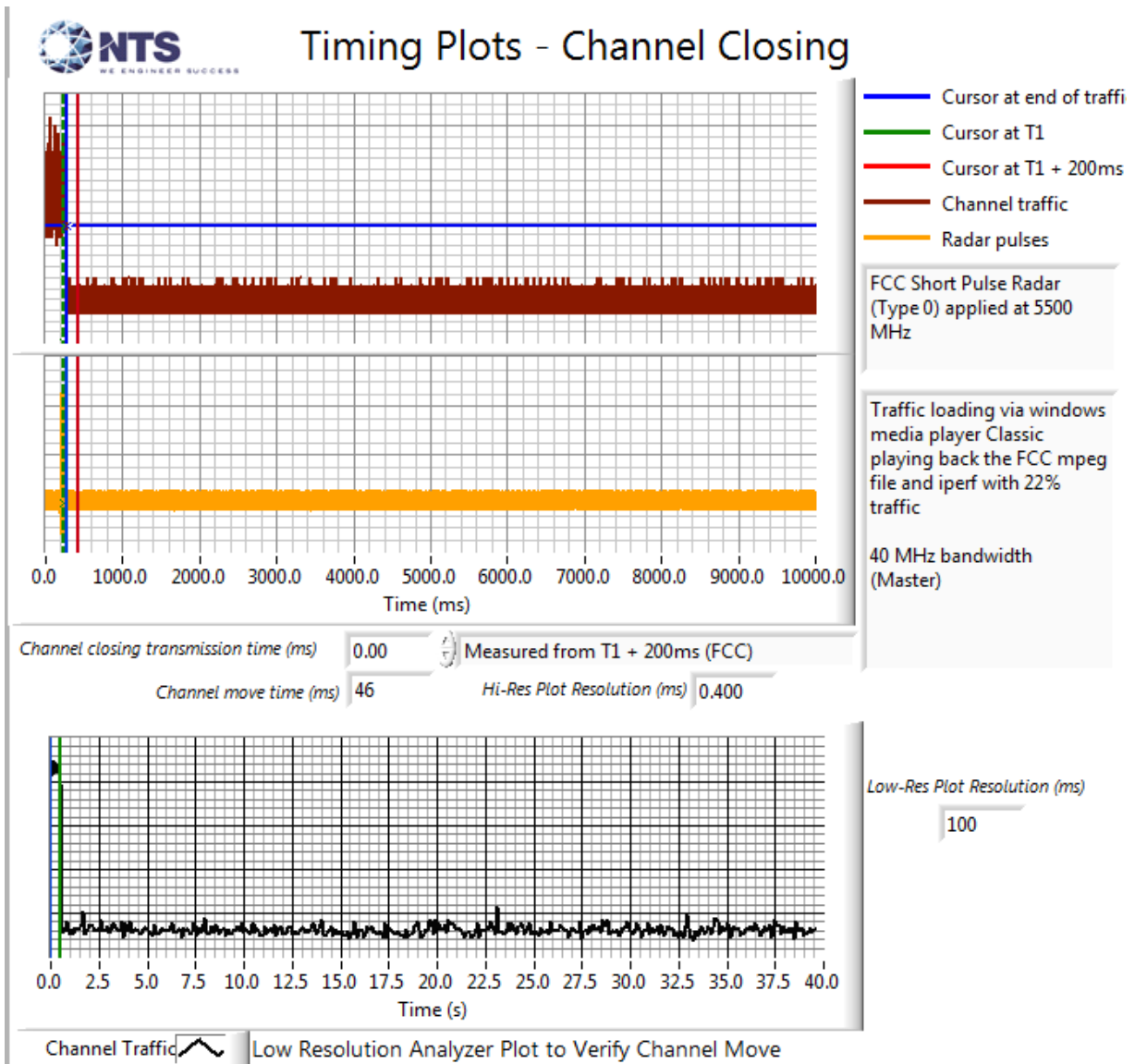


Figure 12 Channel Closing Time and Channel Move Time (40MHz-Master) – 40 second plot

<sup>1</sup> 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.

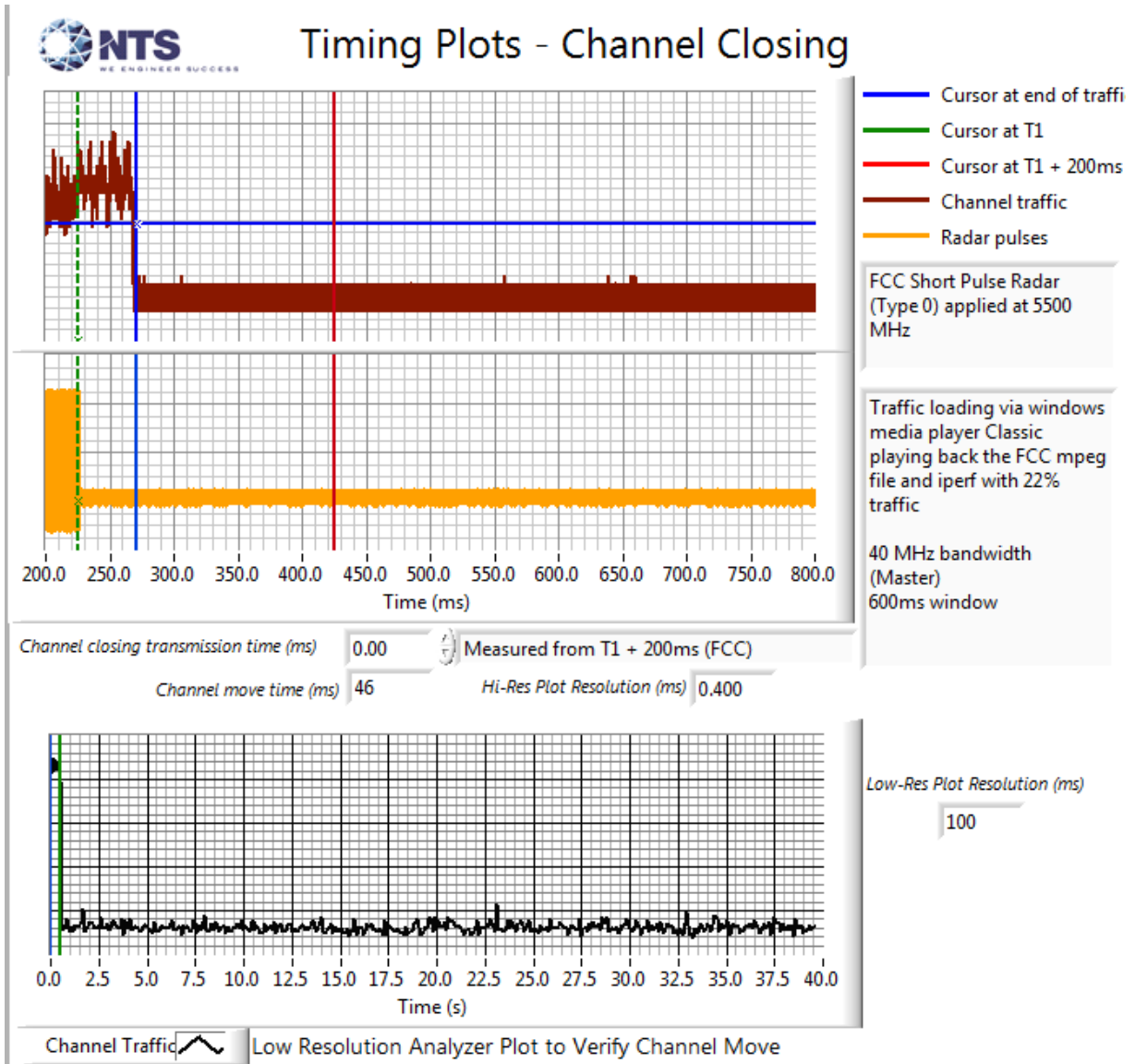


Figure 13 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (40MHz-Master)

Table 126 - FCC Part 15 Subpart E Channel Closing Test Results (Client)					
Waveform Type	Channel Closing Transmission Time <sup>1</sup>		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 0	0ms	60 ms	40ms	10 s	Pass

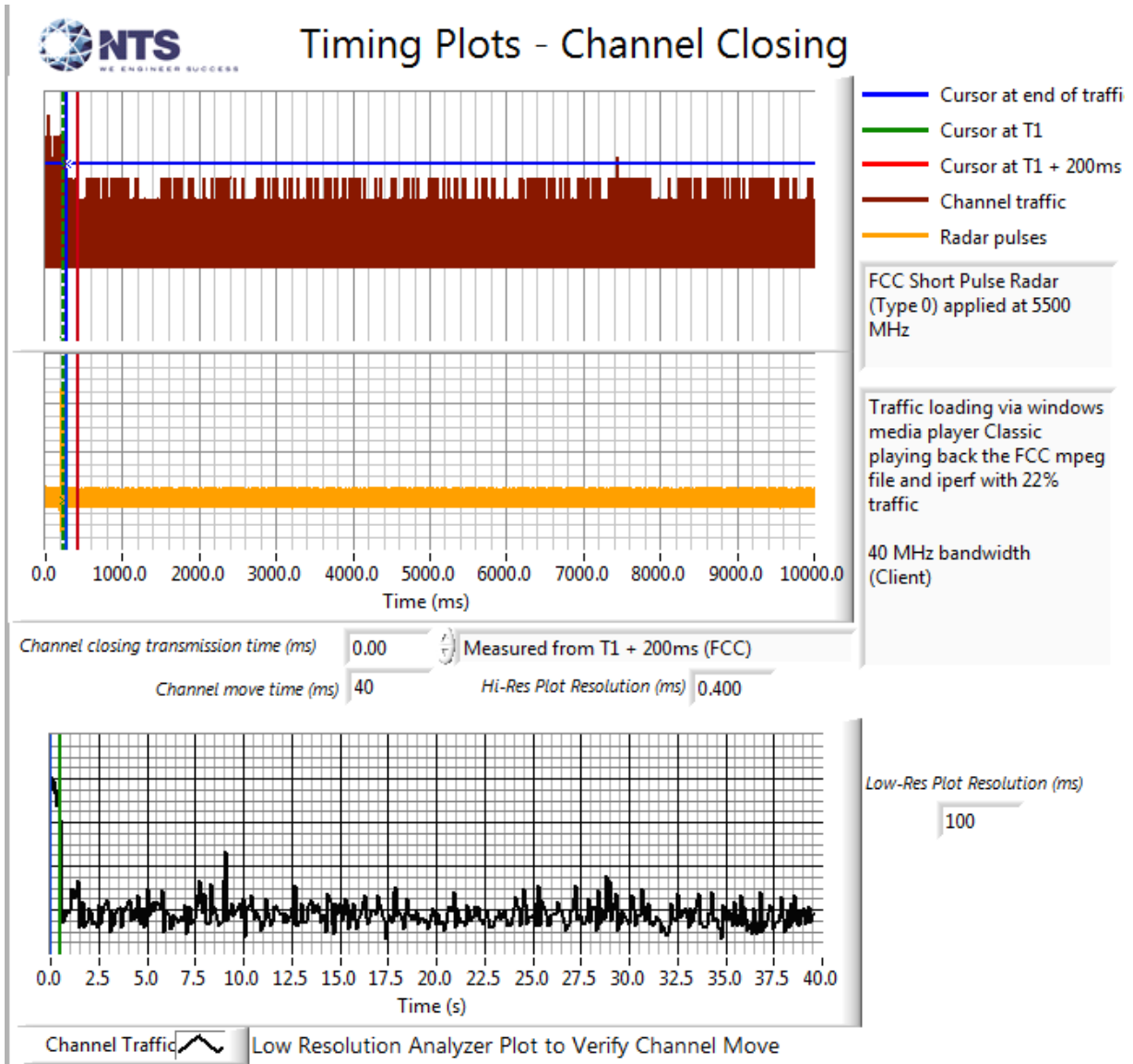


Figure 14 Channel Closing Time and Channel Move Time (40MHz-Client) – 40 second plot

<sup>1</sup> 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.

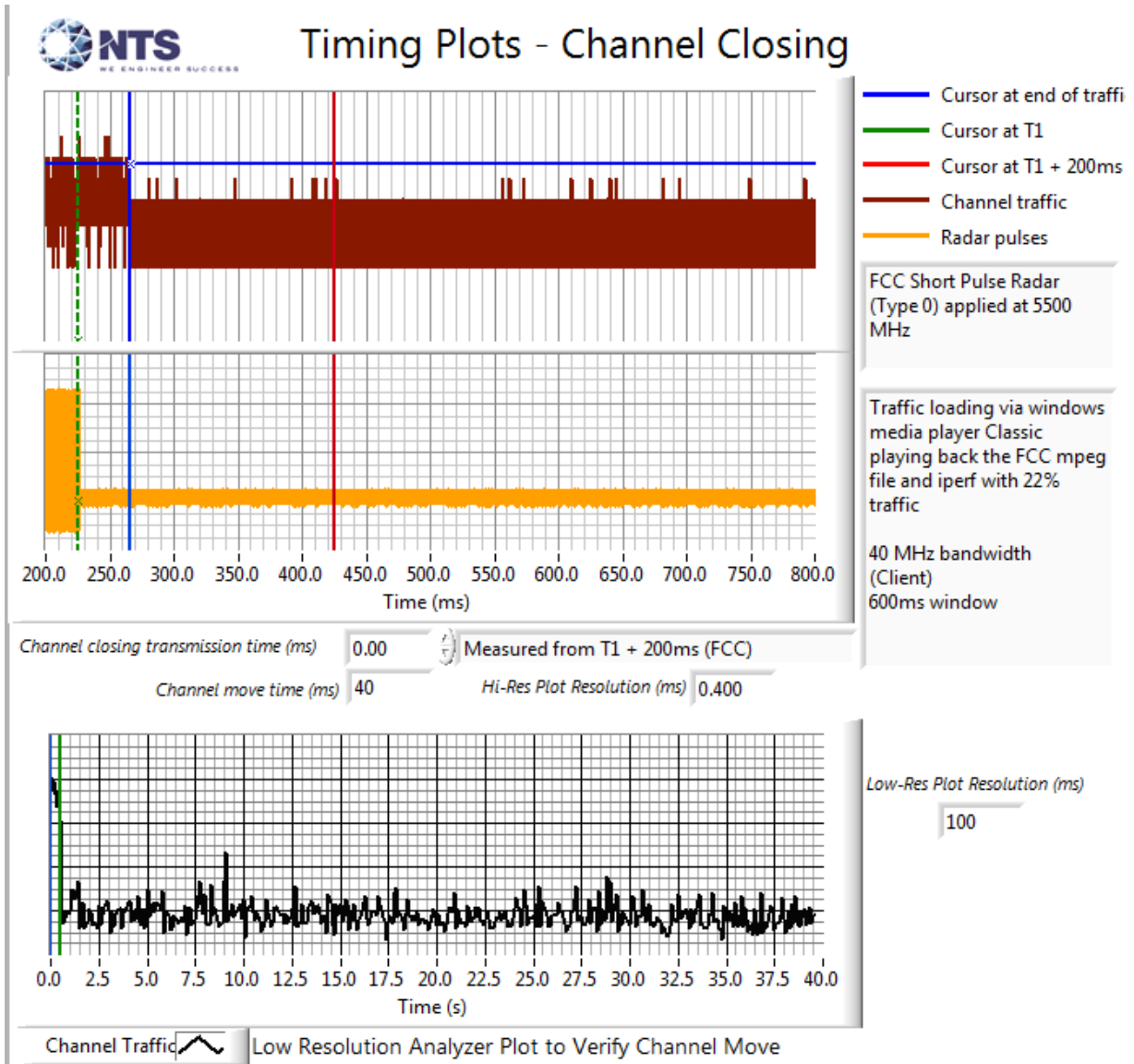
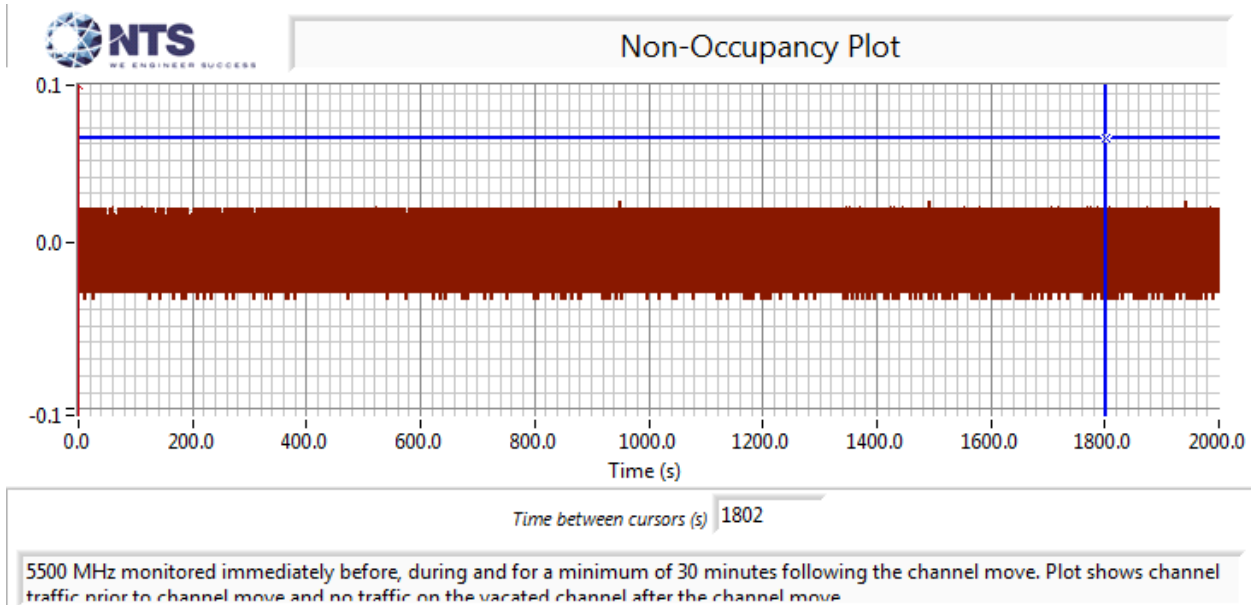


Figure 15 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (40MHz-Client)



**Figure 16 Radar Channel Non-Occupancy Plot (40MHz)**

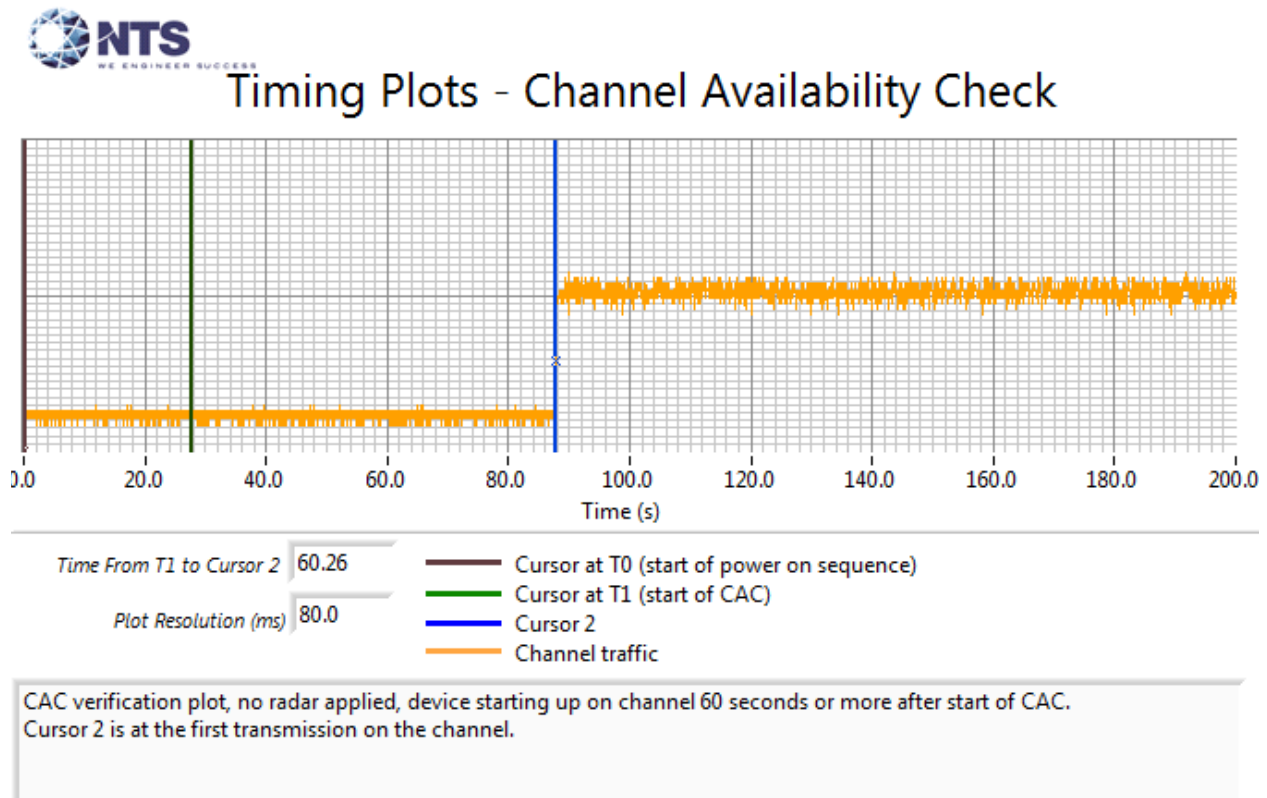
The non-occupancy plot was made over a 30-minute time period following the channel move time with the analyzer IF output connected to the scope and tuned to the vacated channel. No transmissions were observed on the vacated channel after the channel move had been completed.

After the channel move the client device stopped transmitting on the vacated channel.

**Appendix D Test Data – Channel Availability Check**

5250- 5350 MHz, 5470 – 5725 MHz

The first plot shows the first transmissions on a channel after resetting the radio via software in 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 17 Plot of EUT Start-Up After CAC**

The channel availability check (CAC) was made by applying type 0 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 at 5500MHz

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

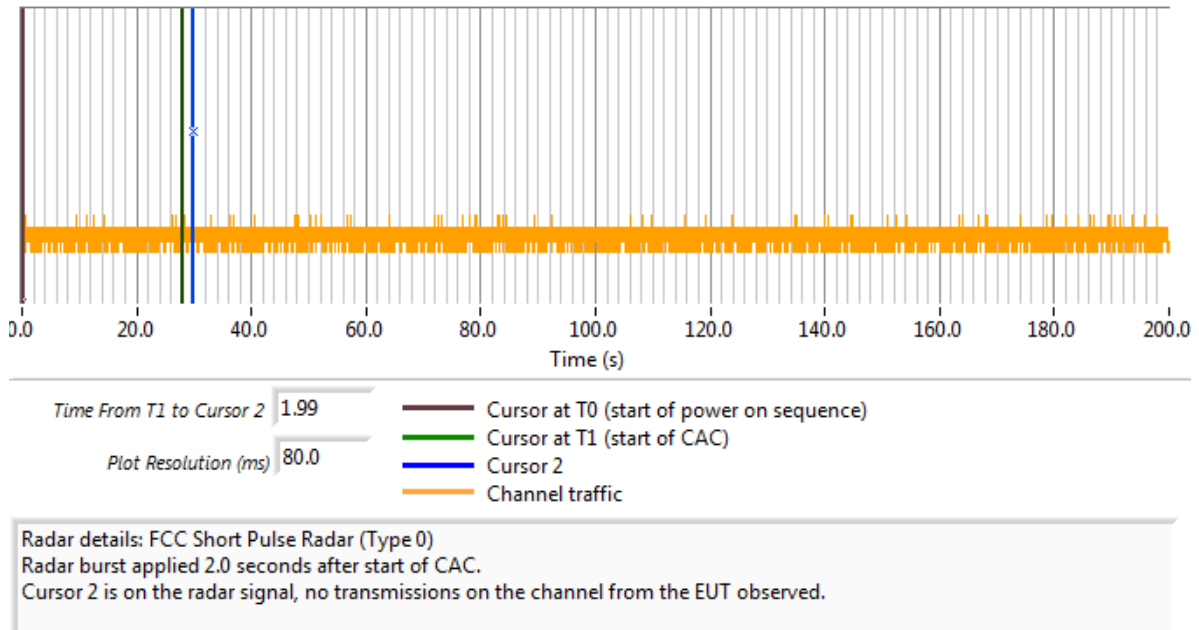


Figure 18 Radar Applied At Start of CAC



### Timing Plots - Channel Availability Check

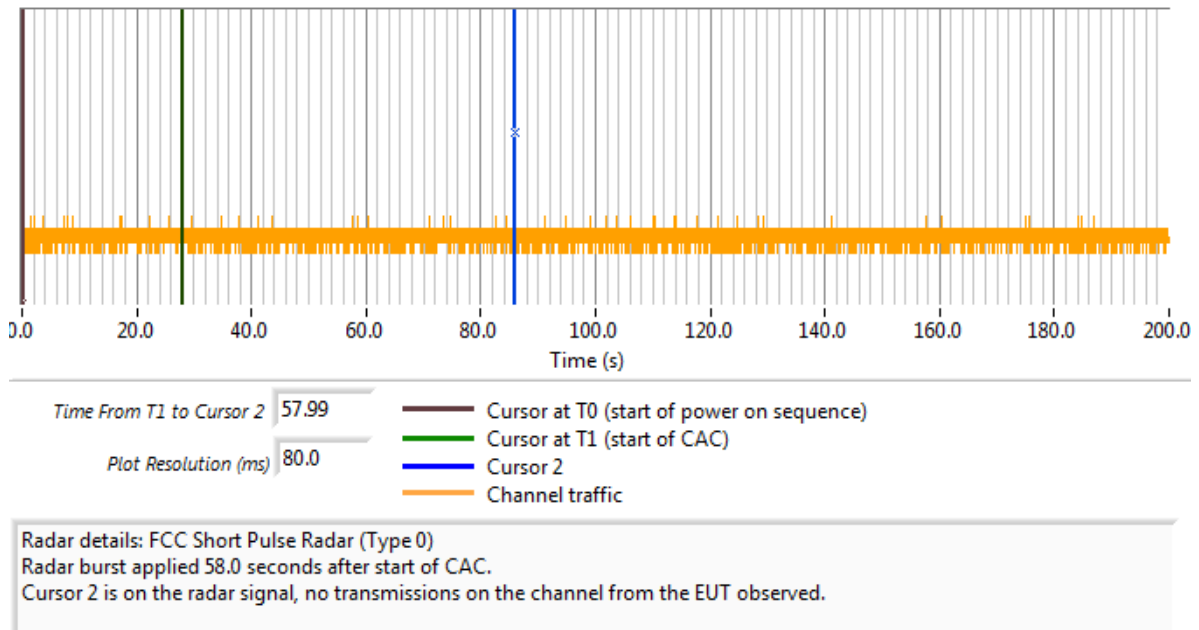


Figure 19 Radar Applied At End of CAC

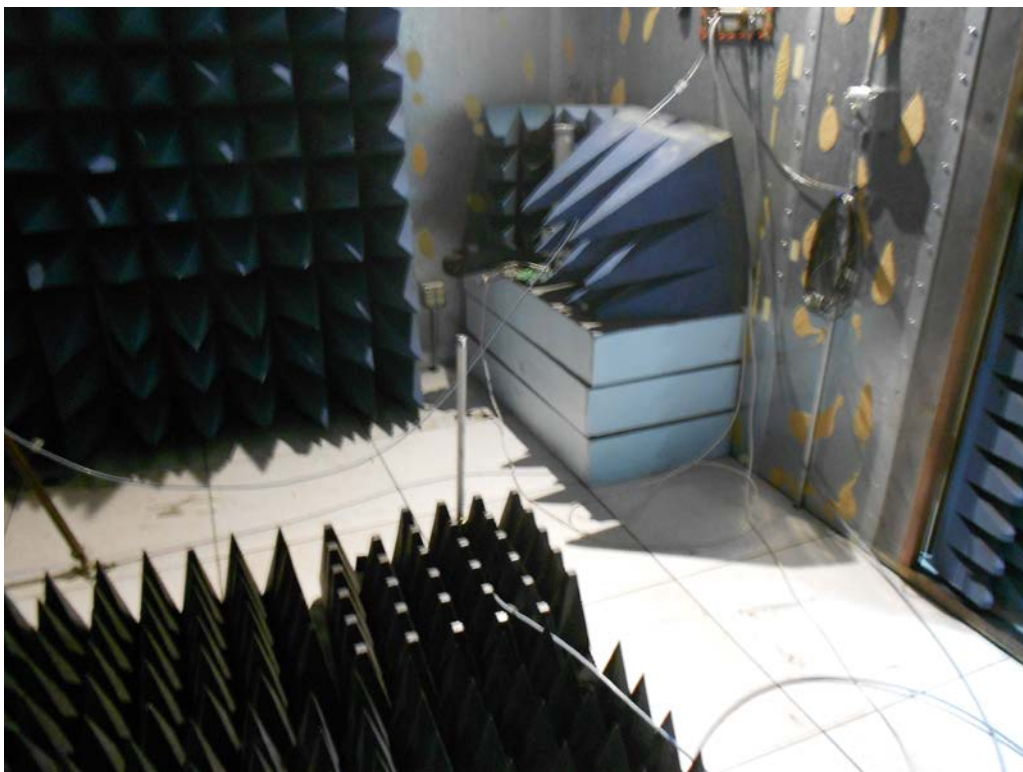
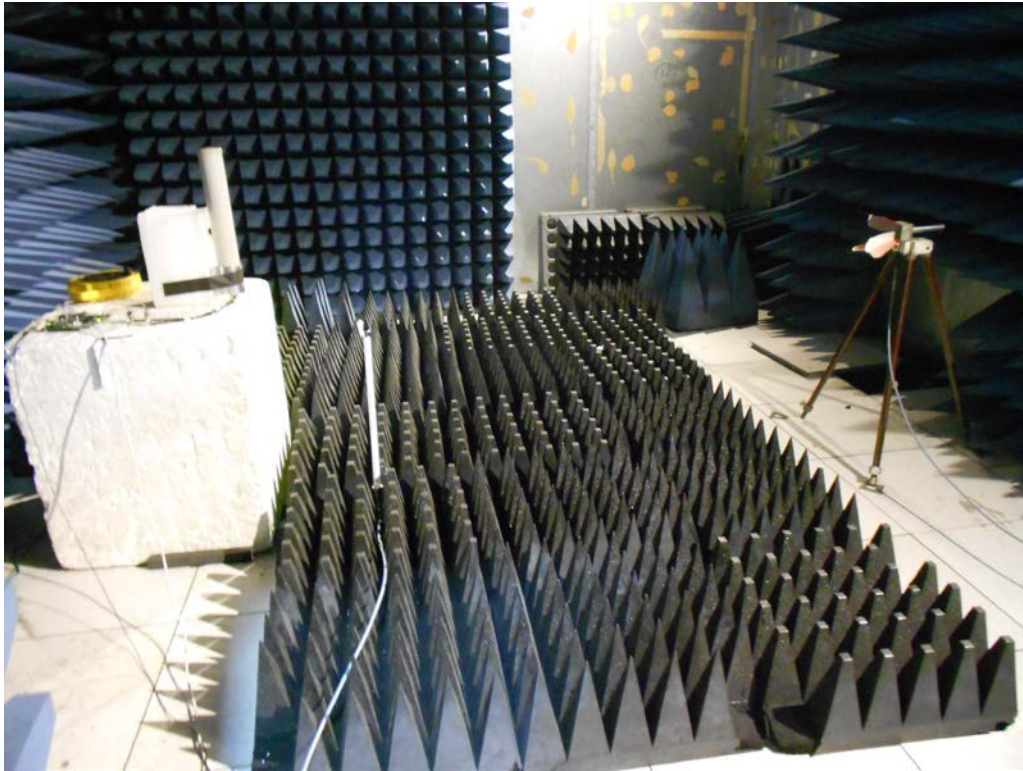
### ***Appendix E Antenna Specification***

Antenna used during testing was the HG5158DP-10U, Omnidirectional antenna combines vertical and horizontal polarizations with 10dBi gain, 5.1-5.8GHz.

Other antennas offered are as follows:

A3FT3204LTPD, 3 foot, 4 degree, 32dBi parabolic antenna, 4.9-5.8GHz, dual polarization  
30-00328-50, 19dBi, Dual polarization antenna

Appendix F Test Configuration Photograph(s)



*End of Report*

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