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TEST REPORT

Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF

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

Redline Communications Model(s): RDL-3000-RMG

IC CERTIFICATION #:	4310A-RDL3000RMG
FCC ID:	QC8-RDL3000RMG
COMPANY:	Redline Communications 302 Town Center Blvd. Markham, Ontario, Canada, L3R 0E8
TEST SITE:	National Technical Systems - Silicon Valley 41039 Boyce Road Fremont, CA 94538
REPORT DATE:	September 16, 2016
REISSUE DATE:	December 19, 2016
FINAL TEST DATE:	July 21-22, September 13, and December 16, 2016
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TOTAL NUMBER OF PAGES:	128

A2LA ACCREDITED
Testing Cert #0214.26

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Rev #	Date	Comments	Modified By
-	September 16, 2016	Initial Release	-
1.0	December 19, 2016	Updated Bin 5 radars for 5 and 10MHz bandwidths	MEH

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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 v02 and FCC KDB 905462 D03 v01r02 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-3000-RMG 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-3000-RMG 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

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (5MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5550 MHz	-64 dBm	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	4.2 MHz	100% of the 99% BW – 4.1MHz (see 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 10dBi. 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.

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (10MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5550 MHz	-64 dBm	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	8.4 MHz	100% of the 99% BW – 8.3MHz (see 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 10dBi. 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.

Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 0	5550 MHz	70.2 s	≥ 60 s	Appendix D	Pass
CAC Detection Threshold	Type 0	5550 MHz	-64 dBm	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5550 MHz	-64 dBm	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	16.4 MHz	100% of the 99% BW – 16.4MHz (see note 4)	Appendix B	Pass
Channel closing transmission time	Type 0	5550 MHz	0 ms	≤ 260 ms	Appendix C	Pass
Channel move time	Type 0	5550 MHz	0.07 s	≤ 10 s	Appendix C	Pass
Non-occupancy period	Type 0	5480 MHz	> 30 min	> 30 min	Appendix C	Pass

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 10dBi. 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

Table 4 - FCC Part 15 Subpart E Client Device Test Result Summary (20MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel closing transmission time	Type 1	5550 MHz	0 ms	≤ 260 ms	Appendix C	Pass
Channel move time	Type 1	5550 MHz	0.07 s	≤ 10 s	Appendix C	Pass
Non-occupancy period - associated	Type 1	5480 MHz	> 30 min	> 30 min	Appendix C	Pass

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

Note: The Channel closing transmission time, channel move time and non-occupancy period was performed at the same time for both master and client.

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-3000-RMG 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 48 Volts, DC and 0.53 Amps delivered over the Ethernet interface.

Testing was performed on the modular version of the product, outside of a host system.

The sample was received on July 21, 2016 and tested on July 21-22, September 13, and December 16, 2016. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Redline Communications	RDL-3000-RMG	(Master)	130036220006
Redline Communications	RDL-3000-RMG	(Client)	120034990001
Redline Communications	HG5158DP-10U	Omnidirectional 10dBi Antenna	NA
Redline Communications	HG5158DP-10U	Omnidirectional 10dBi Antenna	NA

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

☒ IP Based

Bandwidths Supported

☒ 5 MHz ☒ 10 MHz
☒ 20 MHz ☐ 40 MHz

ENCLOSURE

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

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
Redline Communications	*RDL-3000-RMG*	*Master*	*130036220006*	
Redline Communications	*RDL-3000-RMG*	*Stationt*	*120034990001*	
IBM	2647	ThinkPad (master)	78-MLVKL 08/02	DoC
IBM	2373-4WU	ThinkPad (client)	L3-12Z2E 06/06	DoC
Cincon Electronics	TR60A-POE-L	48VDC PoE	011761 & 016262	NA

The italicized devices were 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	POE Injector	CAT5	Shielded	10.0
Client	POE Injector	CAT5	Unshielded	10.0
Server Laptop	POE Injector	CAT5	Unshielded	2.0
Client Laptop	POE Injector	CAT5	Unshielded	2.0

EUT OPERATION

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

Master Device: 3.94.4

Client Device: 3.94.4

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

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

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

The streamed file was the “FCC” test file and the client device was using Windows Media Player Classic as required by FCC KDB 905462 D01

The streamed file was FCC movie and the client device was using classic media player to view the file. The channel loading was evaluated to be 25.4-30.9% (refer to figure 9-11) meeting the approximately 17% loading as required by FCC KDB 905462 D02

Refer to the RDL-3000-RMG 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-3000-RMG 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 **Note 1**	
1	1a	1	15 unique PRI values randomly selected from the list of 23 PRI values in **Note 2** below	Round Up 1/360* $19*10^6$/ PRI $_{\mu sec}$	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

Note 1: Short Pulse Radar Type 0 is used for the detection bandwidth test, channel move time, and channel closing time tests.

Note 2: 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

Table 6 - FCC Long Pulse Radar Test Waveforms							
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Pulses / burst	Number of *Bursts*	Minimum Detection Percentage	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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

Table 8 - FCC Short Pulse Radar Test Waveforms					
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses / burst	Minimum Detection Percentage	Minimum Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Table 9 - FCC Long Pulse Radar Test Waveforms							
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Pulses / burst	Number of *Bursts*	Minimum Detection Percentage	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 10 - FCC Frequency Hopping Radar Test Waveforms							
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

DFS TEST METHODS

RADIATED TEST METHOD

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

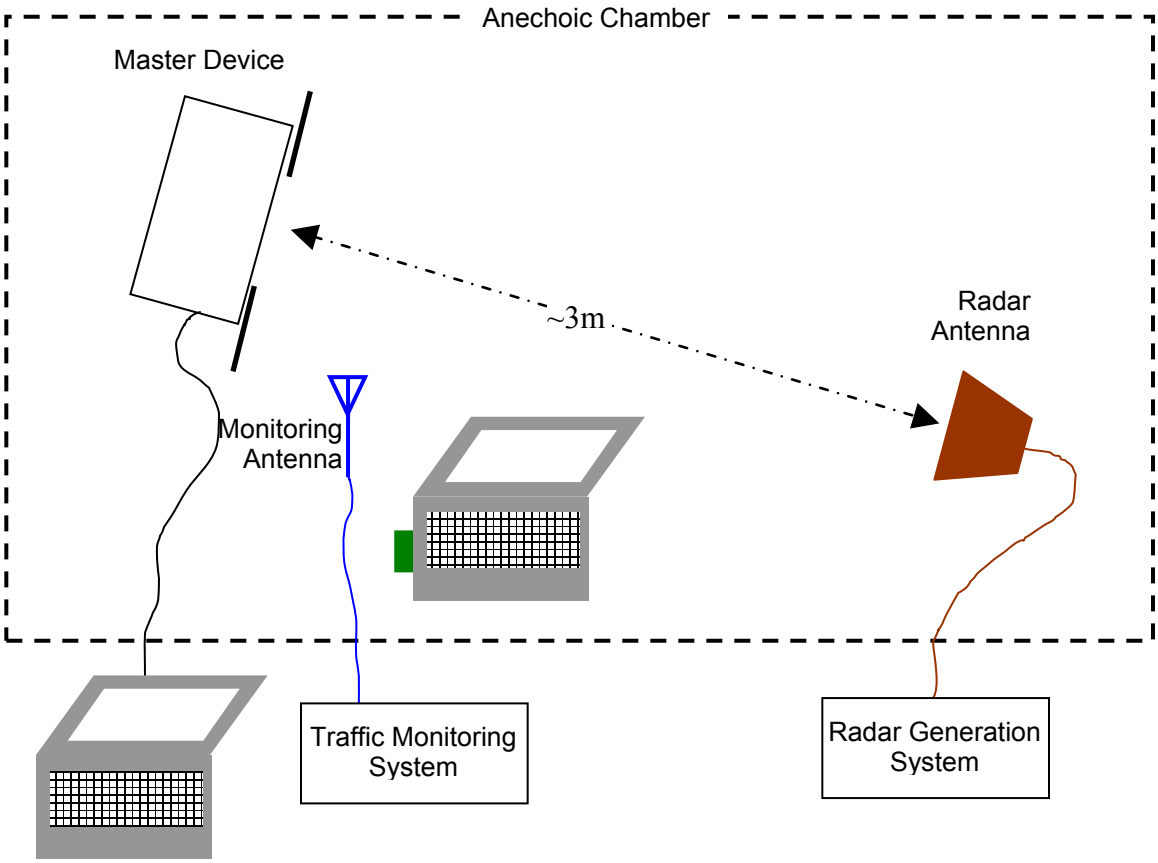

Figure 1 Test Configuration for radiated Measurement Method

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.

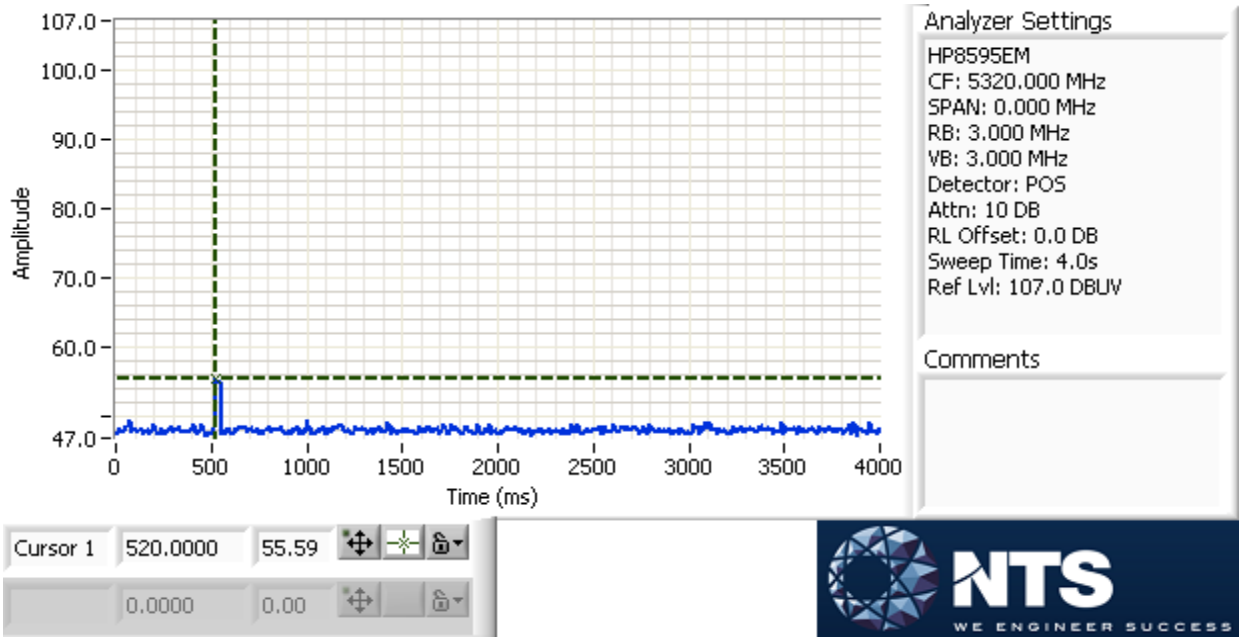

Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)

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.

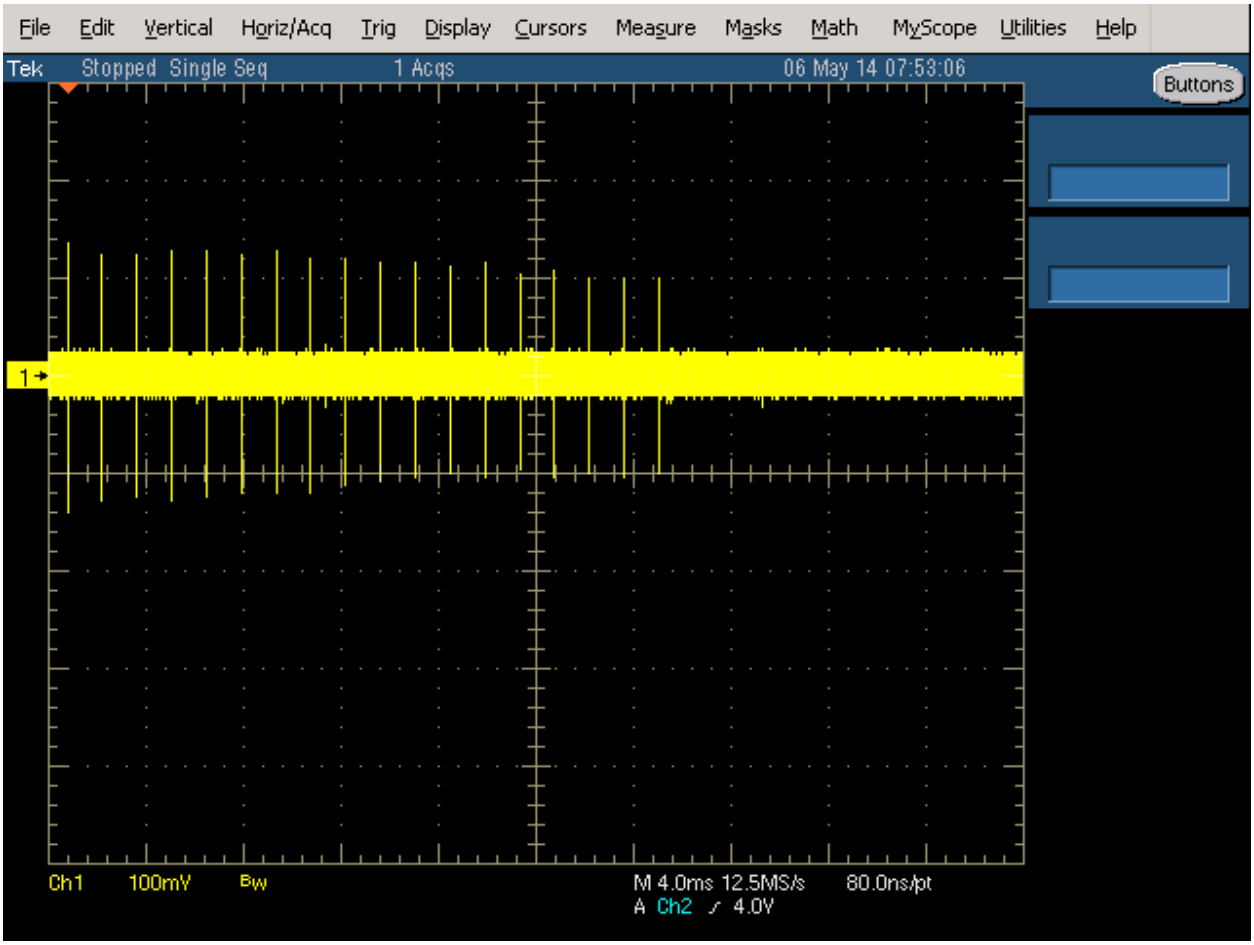

Figure 3 FCC Type 1 Radar (18 pulses)

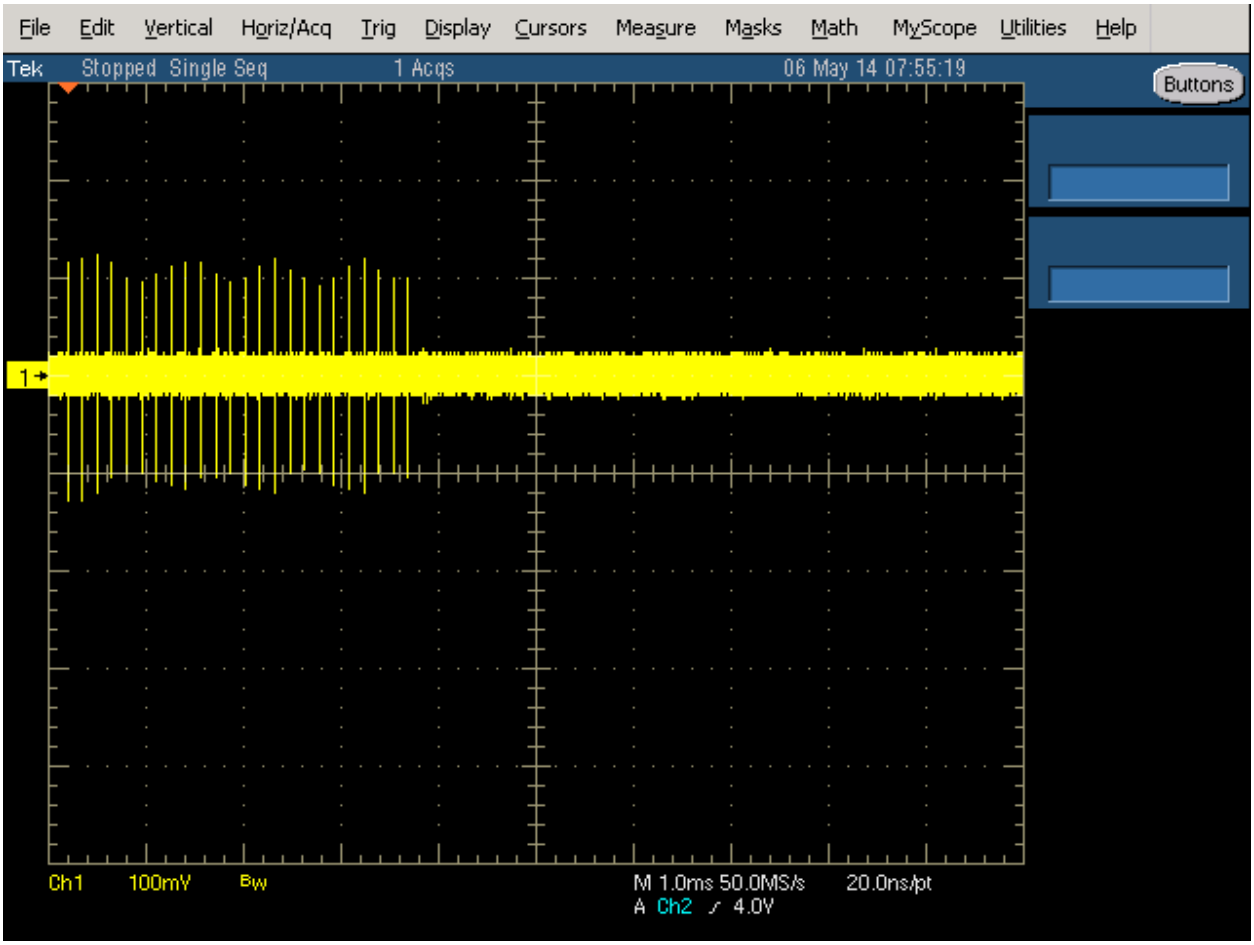

Figure 4 FCC Type 2 Radar (24 pulses)

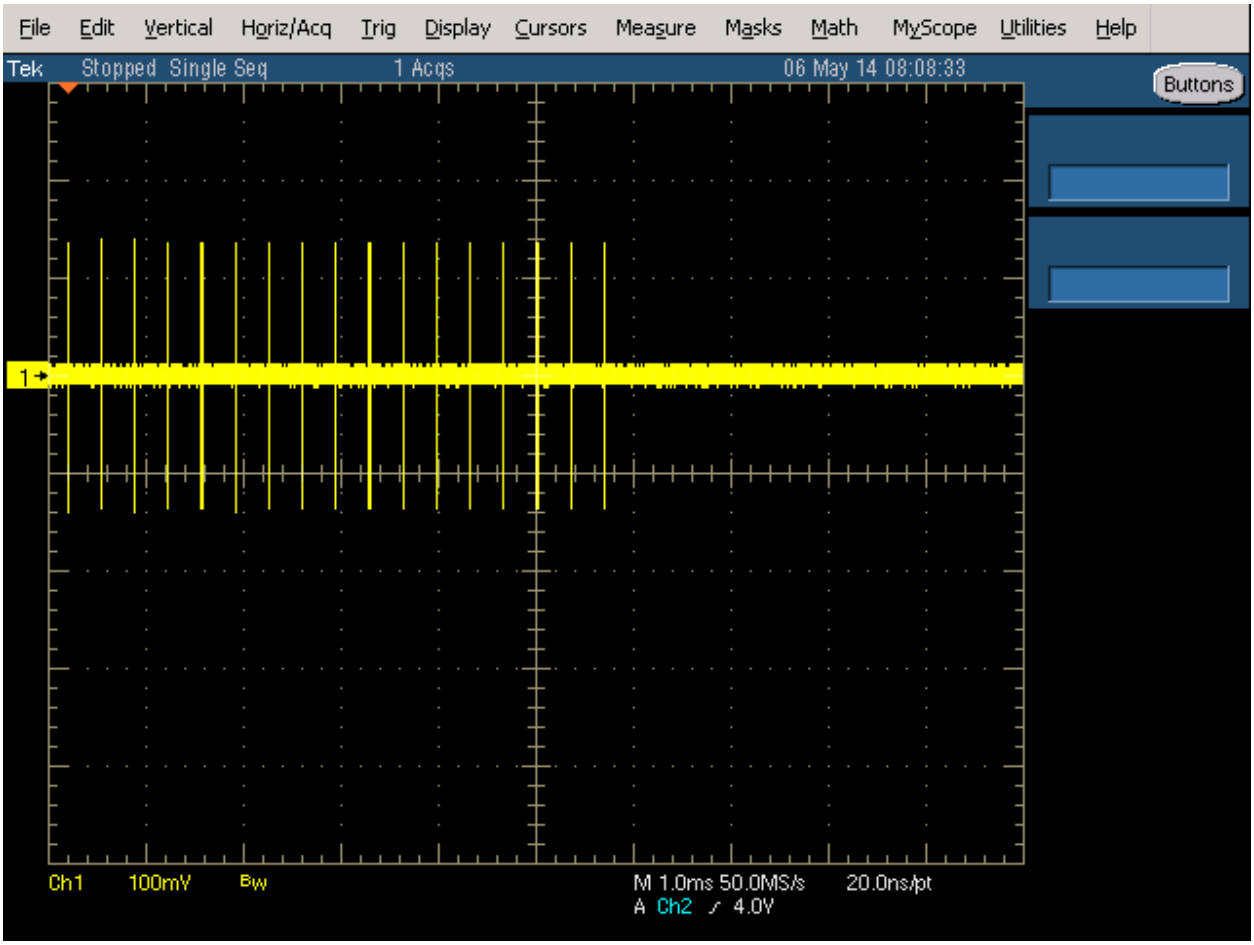

Figure 5 FCC Type 3 Radar (17 pulses)

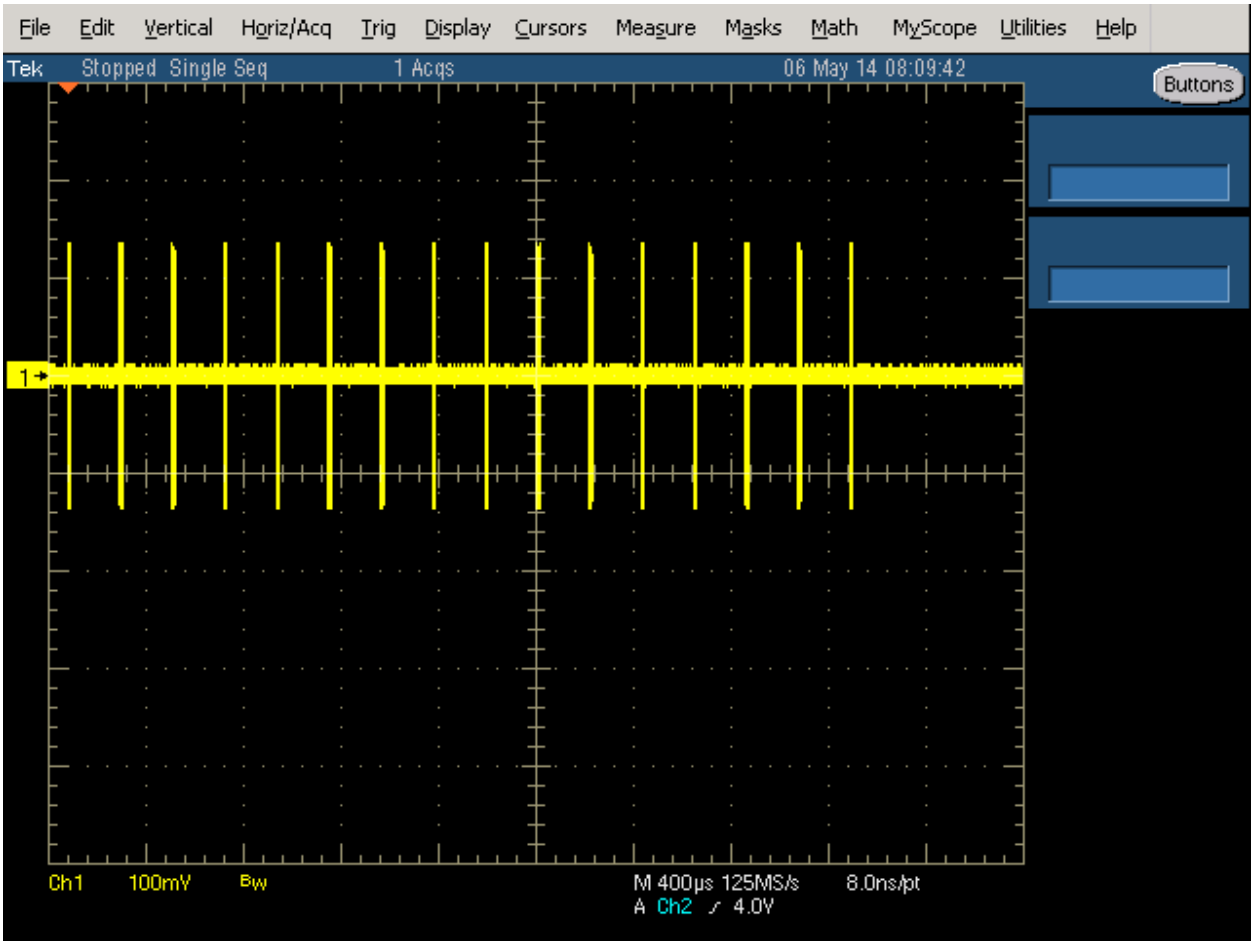

Figure 6 FCC Type 4 Radar (16 pulses)

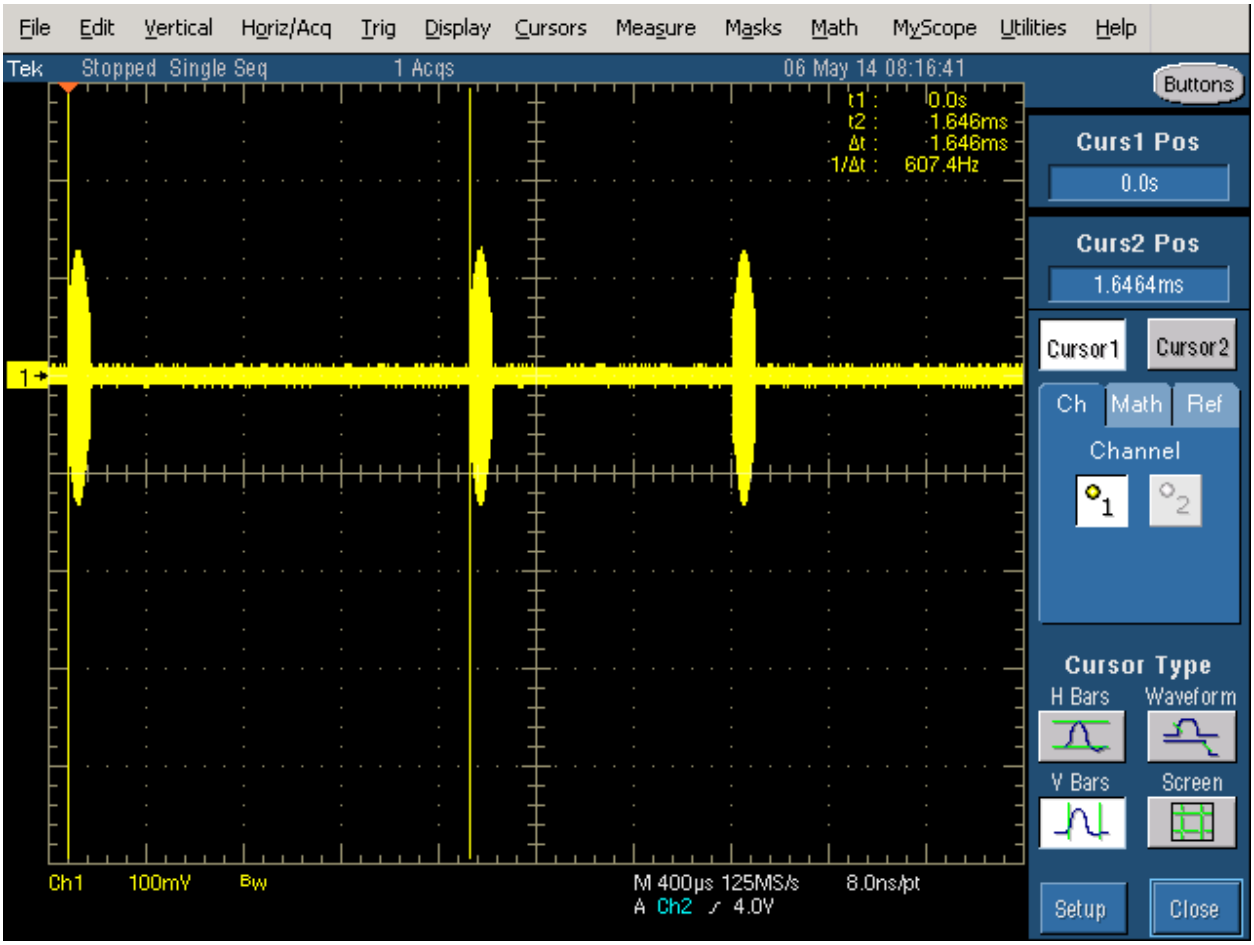

Figure 7 FCC Type 5 Radar (burst with three pulses, 1650 µs first period)

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

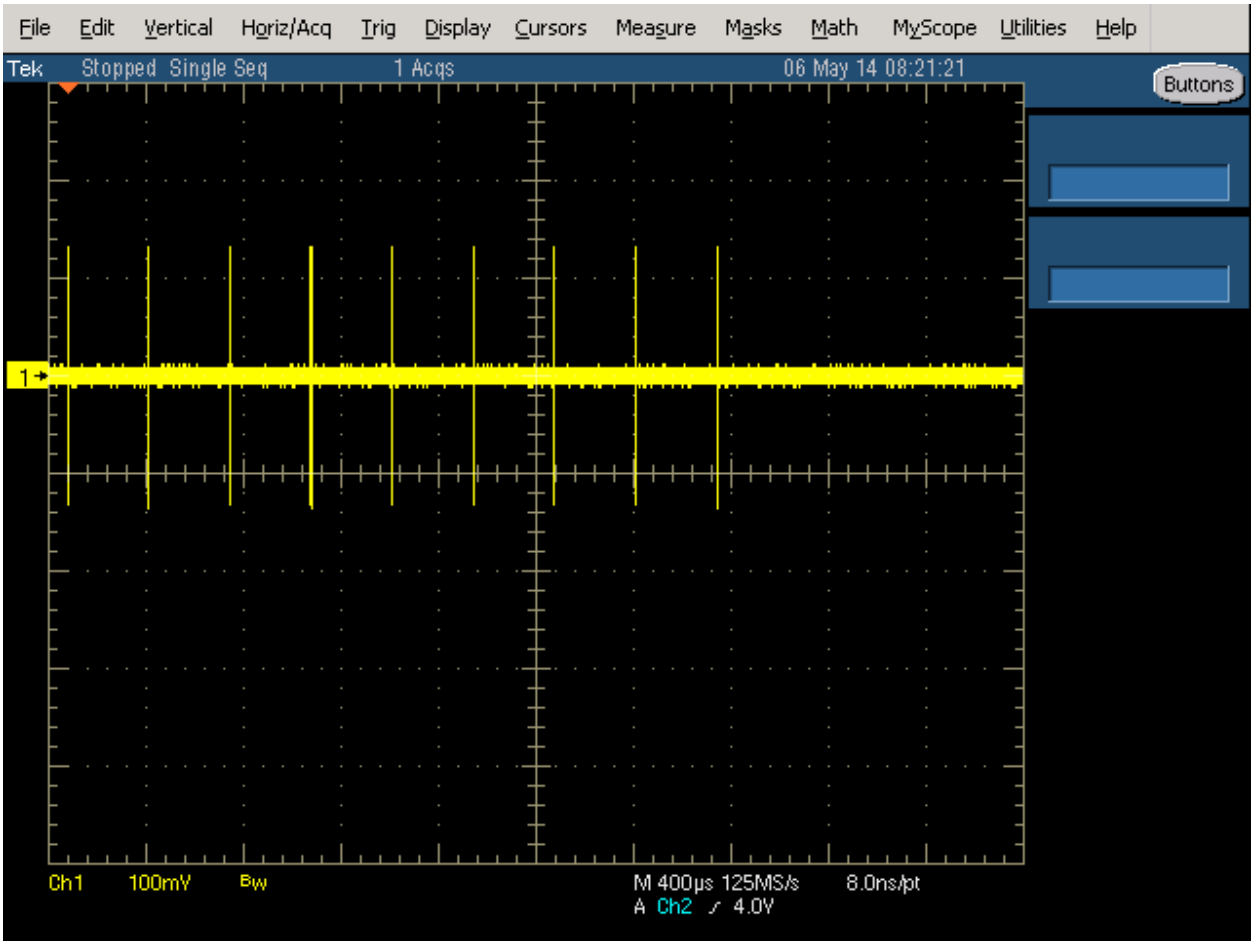

Figure 8 FCC Type 6 Radar (9 pulses in each burst)

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 the following way:

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.

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

July and September 2016

Manufacturer	Description	Model #	Asset #	Cal Due
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	780	30-Mar-17
EMCO	Antenna, Horn, 1-18 GHz	3115	1142	23-Sep-16
ETS Lindgren	Antenna, Horn, 1-18 GHz	3117	1662	13-Jun-18
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	10-Nov-16
Agilent Technologies	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267D	3011	02-Feb-17
Hewlett Packard	Preamplifier 1-26.5 GHz	8449B	263	21-Jan-17

December 2016

Manufacturer	Description	Model #	Asset #	Cal Due
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	780	30-Mar-17
EMCO	Antenna, Horn, 1-18 GHz	3115	487	18-Aug-18
ETS Lindgren	Antenna, Horn, 1-18 GHz	3117	1662	13-Jun-18
Tektronix	350MHz Digital Oscilloscope	TDS5034B	3255	12-Feb-17
Agilent Technologies	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267D	3011	02-Feb-17

Appendix B Test Data Tables for Radar Detection Probability

The plot below shows the channel loading during testing as evaluated over a 0.4 second period. The traffic was generated by media player.

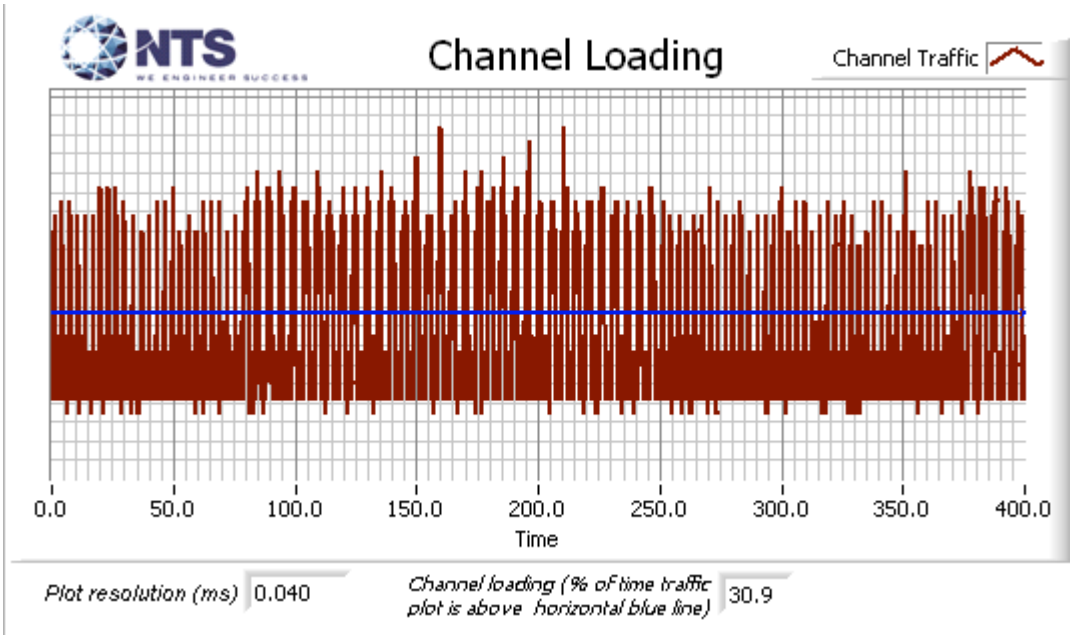

Figure 9 Channel Utilization During In-Service Detection Measurements (5MHz mode)

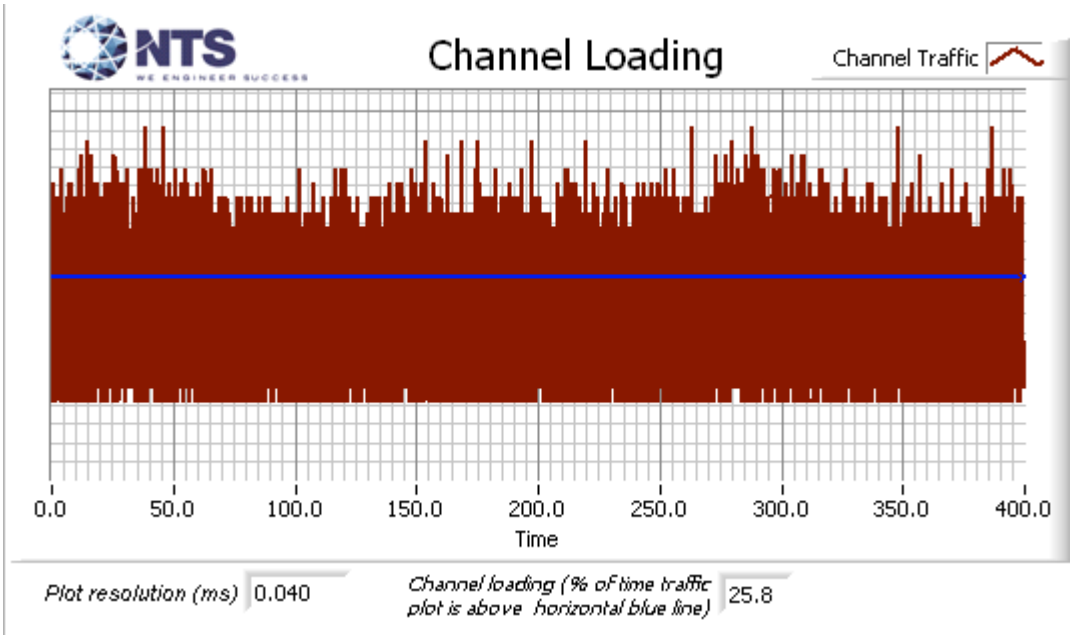

Figure 10 Channel Utilization During In-Service Detection Measurements (10MHz mode)

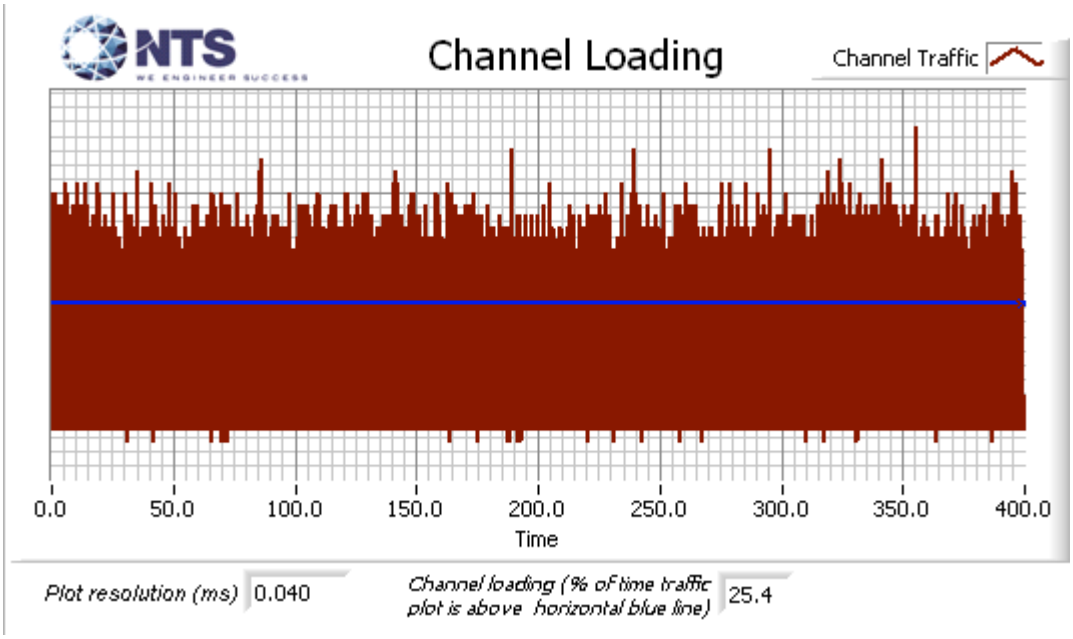

Figure 11 Channel Utilization During In-Service Detection Measurements (20MHz mode)

Table 11 – Bandwidth Measurement		
Bandwidth (MHz)	**99% Bandwidth** (MHz)	**Detection Bandwidth** (MHz)
5	4.1	4.2
10	8.3	8.4
20	16.4	16.4

Table 12 - Detection Bandwidth Measurements (Bandwidth: +2.1MHz /-2.1MHz) 5 MHz					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5547.00 MHz	0	2	0
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5547.90 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5548.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5549.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5550.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5551.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5552.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5552.10 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5553.00 MHz	0	2	0

Table 13 - Summary of All Results 5 MHz				
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)	93.3 %	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	98.3 %	0.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	96.7 %	70.0 %	30	PASSED

December 2016

Table 14 - Summary of All Results 5MHz (Bin 5 only)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Long Pulse Radar (Type 5)	93.3 %	80.0 %	30	PASSED

Table 15 - FCC Short Pulse Radar (Type 1A) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	59	1.0	898.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	67	1.0	798.0	Yes	5550.0MHz,-64.0dBm	Single burst
3	72	1.0	738.0	Yes	5551.6MHz,-64.0dBm	Single burst
4	83	1.0	638.0	Yes	5552.1MHz,-64.0dBm	Single burst
5	62	1.0	858.0	Yes	5547.9MHz,-64.0dBm	Single burst
6	78	1.0	678.0	Yes	5548.6MHz,-64.0dBm	Single burst
7	74	1.0	718.0	Yes	5549.8MHz,-64.0dBm	Single burst
8	70	1.0	758.0	Yes	5551.4MHz,-64.0dBm	Single burst
9	68	1.0	778.0	Yes	5552.1MHz,-64.0dBm	Single burst
10	92	1.0	578.0	Yes	5547.9MHz,-64.0dBm	Single burst
11	99	1.0	538.0	Yes	5548.3MHz,-64.0dBm	Single burst
12	57	1.0	938.0	Yes	5549.4MHz,-64.0dBm	Single burst
13	81	1.0	658.0	Yes	5551.2MHz,-64.0dBm	Single burst
14	95	1.0	558.0	Yes	5552.1MHz,-64.0dBm	Single burst
15	86	1.0	618.0	Yes	5547.9MHz,-64.0dBm	Single burst

Table 16 - FCC Short Pulse Radar (Type 1B) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	18	1.0	2961.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	20	1.0	2682.0	Yes	5551.7MHz,-64.0dBm	Single burst
3	29	1.0	1853.0	Yes	5552.1MHz,-64.0dBm	Single burst
4	82	1.0	650.0	Yes	5547.9MHz,-64.0dBm	Single burst
5	19	1.0	2905.0	Yes	5548.2MHz,-64.0dBm	Single burst
6	63	1.0	841.0	Yes	5549.6MHz,-64.0dBm	Single burst
7	43	1.0	1237.0	Yes	5551.2MHz,-64.0dBm	Single burst
8	33	1.0	1624.0	Yes	5552.1MHz,-64.0dBm	Single burst
9	27	1.0	1985.0	Yes	5547.9MHz,-64.0dBm	Single burst
10	36	1.0	1495.0	Yes	5548.9MHz,-64.0dBm	Single burst
11	60	1.0	892.0	Yes	5549.9MHz,-64.0dBm	Single burst
12	35	1.0	1528.0	Yes	5551.0MHz,-64.0dBm	Single burst
13	69	1.0	765.0	Yes	5552.1MHz,-64.0dBm	Single burst
14	52	1.0	1031.0	Yes	5547.9MHz,-64.0dBm	Single burst
15	28	1.0	1939.0	Yes	5548.1MHz,-64.0dBm	Single burst

Table 17 - FCC Short Pulse Radar (Type 2) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	24	2.7	164.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	23	3.4	201.0	Yes	5551.7MHz,-64.0dBm	Single burst
3	28	3.5	209.0	Yes	5552.1MHz,-64.0dBm	Single burst
4	26	1.6	173.0	Yes	5547.9MHz,-64.0dBm	Single burst
5	27	4.3	170.0	Yes	5548.5MHz,-64.0dBm	Single burst
6	24	4.7	190.0	No	5549.9MHz,-64.0dBm	Single burst
7	27	1.9	174.0	Yes	5549.9MHz,-64.0dBm	Single burst
8	24	2.7	177.0	Yes	5551.3MHz,-64.0dBm	Single burst
9	24	4.1	218.0	Yes	5552.1MHz,-64.0dBm	Single burst
10	28	4.3	170.0	Yes	5547.9MHz,-64.0dBm	Single burst
11	27	1.2	221.0	Yes	5548.6MHz,-64.0dBm	Single burst
12	26	3.7	199.0	Yes	5550.1MHz,-64.0dBm	Single burst
13	24	2.6	181.0	Yes	5551.3MHz,-64.0dBm	Single burst
14	26	2.4	202.0	Yes	5552.1MHz,-64.0dBm	Single burst
15	28	2.2	174.0	No	5547.9MHz,-64.0dBm	Single burst
16	24	3.0	173.0	Yes	5547.9MHz,-64.0dBm	Single burst
17	27	3.4	166.0	Yes	5548.7MHz,-64.0dBm	Single burst
18	29	3.3	169.0	Yes	5550.3MHz,-64.0dBm	Single burst
19	27	3.3	157.0	Yes	5552.1MHz,-64.0dBm	Single burst
20	28	2.9	155.0	Yes	5547.9MHz,-64.0dBm	Single burst
21	27	3.7	230.0	Yes	5548.8MHz,-64.0dBm	Single burst
22	28	2.6	182.0	Yes	5549.9MHz,-64.0dBm	Single burst
23	27	1.8	178.0	Yes	5551.5MHz,-64.0dBm	Single burst
24	27	3.5	195.0	Yes	5552.1MHz,-64.0dBm	Single burst
25	24	4.4	227.0	Yes	5547.9MHz,-64.0dBm	Single burst
26	23	4.0	188.0	Yes	5548.9MHz,-64.0dBm	Single burst
27	28	3.4	170.0	Yes	5550.2MHz,-64.0dBm	Single burst
28	26	2.8	177.0	Yes	5551.7MHz,-64.0dBm	Single burst
29	25	2.3	158.0	Yes	5552.1MHz,-64.0dBm	Single burst
30	25	1.4	218.0	Yes	5547.9MHz,-64.0dBm	Single burst

Table 18 - FCC Short Pulse Radar (Type 3) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	16	8.3	296.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	16	6.6	268.0	Yes	5551.6MHz,-64.0dBm	Single burst
3	17	8.3	269.0	Yes	5552.1MHz,-64.0dBm	Single burst
4	17	8.4	231.0	Yes	5547.9MHz,-64.0dBm	Single burst
5	17	7.6	304.0	Yes	5548.6MHz,-64.0dBm	Single burst
6	17	6.7	305.0	Yes	5550.6MHz,-64.0dBm	Single burst
7	17	9.2	296.0	Yes	5552.1MHz,-64.0dBm	Single burst
8	17	8.5	357.0	Yes	5547.9MHz,-64.0dBm	Single burst
9	17	6.7	270.0	Yes	5548.3MHz,-64.0dBm	Single burst
10	18	9.6	378.0	Yes	5549.6MHz,-64.0dBm	Single burst
11	18	7.5	277.0	Yes	5551.4MHz,-64.0dBm	Single burst
12	18	6.2	279.0	Yes	5552.1MHz,-64.0dBm	Single burst
13	17	7.1	308.0	Yes	5547.9MHz,-64.0dBm	Single burst
14	17	6.8	219.0	Yes	5548.1MHz,-64.0dBm	Single burst
15	17	7.0	463.0	Yes	5549.6MHz,-64.0dBm	Single burst
16	18	7.5	235.0	Yes	5551.3MHz,-64.0dBm	Single burst
17	17	9.1	236.0	Yes	5552.1MHz,-64.0dBm	Single burst
18	18	7.5	292.0	Yes	5547.9MHz,-64.0dBm	Single burst
19	18	8.0	204.0	Yes	5548.4MHz,-64.0dBm	Single burst
20	17	8.2	259.0	Yes	5549.8MHz,-64.0dBm	Single burst
21	18	7.9	328.0	Yes	5551.6MHz,-64.0dBm	Single burst
22	17	8.0	202.0	Yes	5552.1MHz,-64.0dBm	Single burst
23	18	8.4	397.0	Yes	5547.9MHz,-64.0dBm	Single burst
24	18	7.0	404.0	Yes	5548.2MHz,-64.0dBm	Single burst
25	16	6.3	217.0	Yes	5549.4MHz,-64.0dBm	Single burst
26	18	8.9	457.0	Yes	5551.2MHz,-64.0dBm	Single burst
27	17	6.7	423.0	Yes	5552.1MHz,-64.0dBm	Single burst
28	16	7.3	439.0	Yes	5547.9MHz,-64.0dBm	Single burst
29	17	8.2	291.0	Yes	5548.4MHz,-64.0dBm	Single burst
30	17	6.8	374.0	Yes	5549.8MHz,-64.0dBm	Single burst

Table 19 - FCC Short Pulse Radar (Type 4) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	12	18.0	367.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	16	18.4	399.0	Yes	5551.4MHz,-64.0dBm	Single burst
3	16	16.9	323.0	Yes	5551.4MHz,-64.0dBm	Single burst
4	13	14.8	449.0	Yes	5552.1MHz,-64.0dBm	Single burst
5	15	12.1	344.0	Yes	5547.9MHz,-64.0dBm	Single burst
6	12	11.7	294.0	Yes	5548.5MHz,-64.0dBm	Single burst
7	16	14.4	364.0	Yes	5549.9MHz,-64.0dBm	Single burst
8	14	19.3	212.0	Yes	5551.1MHz,-64.0dBm	Single burst
9	13	17.2	314.0	Yes	5552.1MHz,-64.0dBm	Single burst
10	14	14.8	206.0	Yes	5547.9MHz,-64.0dBm	Single burst
11	16	17.4	204.0	Yes	5548.8MHz,-64.0dBm	Single burst
12	14	18.5	276.0	Yes	5550.4MHz,-64.0dBm	Single burst
13	14	14.6	437.0	Yes	5551.5MHz,-64.0dBm	Single burst
14	16	16.1	395.0	Yes	5552.1MHz,-64.0dBm	Single burst
15	15	15.8	382.0	Yes	5547.9MHz,-64.0dBm	Single burst
16	14	11.6	213.0	Yes	5548.6MHz,-64.0dBm	Single burst
17	14	13.0	375.0	Yes	5550.0MHz,-64.0dBm	Single burst
18	12	14.7	221.0	Yes	5551.4MHz,-64.0dBm	Single burst
19	14	15.9	486.0	Yes	5552.1MHz,-64.0dBm	Single burst
20	13	15.2	410.0	Yes	5547.9MHz,-64.0dBm	Single burst
21	14	15.8	445.0	Yes	5548.8MHz,-64.0dBm	Single burst
22	12	12.9	456.0	Yes	5550.3MHz,-64.0dBm	Single burst
23	12	15.1	284.0	Yes	5551.5MHz,-64.0dBm	Single burst
24	12	17.0	409.0	Yes	5552.1MHz,-64.0dBm	Single burst
25	14	19.6	497.0	Yes	5547.9MHz,-64.0dBm	Single burst
26	15	19.3	361.0	Yes	5548.5MHz,-64.0dBm	Single burst
27	16	13.9	328.0	Yes	5549.7MHz,-64.0dBm	Single burst
28	14	17.7	469.0	Yes	5551.4MHz,-64.0dBm	Single burst
29	15	15.8	335.0	Yes	5552.1MHz,-64.0dBm	Single burst
30	15	15.3	213.0	Yes	5547.9MHz,-64.0dBm	Single burst

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5284, 5356, 5683, 5436, 5569, 5659, 5437, 5651, 5524, 5658, 5413, 5639, 5358, 5252, 5403, 5307, 5417, 5268, 5628, 5523, 5696, 5571, 5636, 5350, 5509, 5666, 5288, 5589, 5568, 5433, 5328, 5257, 5287, 5478, 5634, 5580, 5665, 5340, 5418, 5480, 5515, 5279, 5305, 5587, 5440, 5564, 5616, 5292, 5361, 5452, 5574, 5327, 5669, 5708, 5556, 5599, 5460, 5385, 5498, 5467, 5699, 5560, 5294, 5481, 5454, 5531, 5364, 5251, 5590, 5686, 5726, 5471, 5711, 5441, 5472, 5494, 5423, 5461, 5625, 5653, 5397, 5289, 5585, 5615, 5442, 5702, 5640, 5623, 5706, 5453, 5578, 5262, 5344, 5375, 5594, 5652, 5405, 5343, 5391, 5550 (1 hits)
2	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5612, 5395, 5577, 5611, 5602, 5492, 5367, 5487, 5279, 5331, 5550, 5374, 5501, 5496, 5606, 5629, 5443, 5621, 5261, 5391, 5416, 5380, 5491, 5616, 5379, 5601, 5409, 5333, 5717, 5336, 5658, 5545, 5369, 5447, 5307, 5540, 5359, 5509, 5595, 5691, 5273, 5340, 5383, 5338, 5684, 5275, 5253, 5442, 5441, 5576, 5512, 5568, 5330, 5555, 5354, 5353, 5514, 5632, 5541, 5720, 5642, 5571, 5683, 5662, 5423, 5365, 5572, 5588, 5675, 5347, 5326, 5628, 5704, 5638, 5363, 5624, 5677, 5297, 5582, 5676, 5453, 5430, 5432, 5610, 5705, 5531, 5551, 5335, 5281, 5556, 5696, 5489, 5579, 5597, 5295, 5637, 5711, 5436, 5709, 5559 (2 hits)
3	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5281, 5326, 5283, 5451, 5253, 5432, 5709, 5678, 5258, 5603, 5645, 5365, 5560, 5265, 5388, 5259, 5594, 5581, 5579, 5267, 5273, 5344, 5319, 5723, 5484, 5696, 5412, 5372, 5370, 5607, 5539, 5631, 5282, 5371, 5409, 5538, 5724, 5510, 5373, 5647, 5289, 5416, 5621, 5680, 5356, 5447, 5431, 5507, 5477, 5640, 5716, 5504, 5665, 5667, 5553, 5417, 5563, 5311, 5404, 5313, 5480, 5525, 5266, 5499, 5533, 5360, 5509, 5438, 5578, 5463, 5675, 5456, 5262, 5486, 5390, 5700, 5530, 5656, 5415, 5437, 5513, 5332, 5458, 5551, 5692, 5407, 5597, 5565, 5380, 5392, 5546, 5260, 5317, 5531, 5711, 5704, 5672, 5685, 5389, 5256 (1 hits)
4	9	1.0	333.0	Yes	5550.9MHz ,-64.0dBm	Hop sequence: 5658, 5676, 5622, 5336, 5350, 5390, 5416, 5285, 5720, 5434, 5602, 5316, 5304, 5253, 5531, 5715, 5694, 5341, 5625, 5596, 5289, 5559, 5562, 5556, 5420, 5384, 5317, 5442, 5635, 5621, 5554, 5430, 5642, 5357, 5634, 5569, 5455, 5471, 5560, 5654, 5366, 5605, 5699, 5627, 5512, 5371, 5265, 5458, 5301, 5707, 5632, 5468, 5318, 5550, 5717, 5528, 5648, 5616, 5527, 5412,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5585, 5355, 5389, 5364, 5505, 5392, 5383, 5499, 5626, 5604, 5637, 5343, 5426, 5624, 5286, 5423, 5294, 5615, 5688, 5432, 5674, 5671, 5482, 5561, 5697, 5352, 5325, 5429, 5494, 5267, 5584, 5339, 5459, 5413, 5714, 5493, 5555, 5487, 5272, 5323 (1 hits)
5	9	1.0	333.0	Yes	5551.9MHz ,-64.0dBm	Hop sequence: 5577, 5475, 5391, 5625, 5680, 5512, 5258, 5671, 5628, 5436, 5371, 5280, 5531, 5341, 5707, 5668, 5675, 5561, 5268, 5633, 5472, 5273, 5649, 5530, 5384, 5359, 5642, 5627, 5496, 5664, 5519, 5382, 5498, 5368, 5367, 5489, 5420, 5418, 5657, 5598, 5446, 5687, 5673, 5513, 5291, 5586, 5696, 5269, 5302, 5665, 5271, 5708, 5515, 5605, 5552, 5619, 5326, 5638, 5716, 5542, 5459, 5615, 5529, 5568, 5480, 5528, 5699, 5645, 5255, 5433, 5548, 5333, 5404, 5595, 5589, 5392, 5678, 5518, 5539, 5666, 5270, 5374, 5342, 5724, 5334, 5576, 5462, 5354, 5681, 5473, 5717, 5428, 5653, 5656, 5689, 5313, 5647, 5379, 5534, 5635 (2 hits)
6	9	1.0	333.0	Yes	5552.1MHz ,-64.0dBm	Hop sequence: 5471, 5557, 5299, 5279, 5262, 5654, 5317, 5638, 5656, 5553, 5707, 5679, 5258, 5494, 5536, 5659, 5497, 5546, 5489, 5587, 5422, 5657, 5633, 5270, 5407, 5330, 5363, 5482, 5641, 5460, 5665, 5550, 5717, 5415, 5691, 5569, 5417, 5583, 5725, 5629, 5305, 5343, 5595, 5526, 5442, 5412, 5389, 5519, 5461, 5409, 5371, 5684, 5668, 5268, 5457, 5578, 5675, 5533, 5586, 5667, 5549, 5530, 5523, 5499, 5337, 5378, 5379, 5626, 5687, 5329, 5558, 5560, 5518, 5328, 5563, 5477, 5395, 5450, 5584, 5705, 5448, 5388, 5577, 5393, 5510, 5322, 5386, 5288, 5280, 5666, 5292, 5367, 5516, 5303, 5260, 5490, 5568, 5420, 5673, 5579 (2 hits)
7	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5446, 5293, 5543, 5463, 5674, 5651, 5541, 5691, 5371, 5689, 5500, 5320, 5544, 5391, 5419, 5509, 5709, 5332, 5348, 5701, 5471, 5351, 5461, 5267, 5398, 5364, 5331, 5281, 5414, 5314, 5648, 5410, 5560, 5604, 5714, 5296, 5297, 5394, 5280, 5644, 5312, 5276, 5721, 5634, 5265, 5299, 5492, 5306, 5418, 5645, 5557, 5711, 5454, 5291, 5513, 5682, 5451, 5710, 5357, 5392, 5593, 5611, 5287, 5508, 5532, 5336, 5580, 5350, 5430, 5724, 5527, 5302, 5522, 5389, 5653, 5617, 5533, 5313, 5661, 5282, 5499, 5298, 5349, 5285, 5670, 5416, 5501, 5608, 5329, 5387, 5370, 5642, 5690, 5294, 5506, 5443, 5317, 5516, 5505, 5549 (1 hits)
8	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5726, 5576, 5570, 5550, 5595, 5471, 5453, 5542, 5281, 5488, 5450, 5404, 5386, 5521, 5324, 5510, 5295, 5299, 5611, 5417, 5687, 5690, 5652, 5590, 5695,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5455, 5565, 5257, 5598, 5308, 5569, 5680, 5384, 5355, 5587, 5646, 5419, 5642, 5405, 5649, 5317, 5533, 5610, 5634, 5486, 5546, 5511, 5305, 5258, 5353, 5560, 5549, 5252, 5517, 5365, 5625, 5645, 5580, 5438, 5426, 5479, 5712, 5720, 5343, 5503, 5505, 5254, 5638, 5621, 5451, 5280, 5656, 5498, 5284, 5651, 5478, 5387, 5514, 5348, 5682, 5485, 5527, 5427, 5464, 5711, 5607, 5688, 5433, 5555, 5439, 5541, 5631, 5420, 5407, 5643, 5368, 5321, 5491, 5304, 5349 (2 hits)
9	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5327, 5530, 5680, 5373, 5284, 5637, 5454, 5255, 5701, 5366, 5458, 5425, 5534, 5535, 5521, 5651, 5292, 5468, 5273, 5437, 5718, 5666, 5553, 5321, 5574, 5383, 5606, 5721, 5472, 5259, 5544, 5400, 5251, 5350, 5266, 5545, 5598, 5441, 5565, 5432, 5699, 5402, 5601, 5644, 5561, 5448, 5543, 5337, 5693, 5303, 5345, 5517, 5555, 5518, 5576, 5253, 5313, 5390, 5688, 5691, 5635, 5702, 5393, 5411, 5340, 5564, 5498, 5659, 5532, 5405, 5698, 5412, 5547, 5257, 5354, 5406, 5607, 5476, 5508, 5470, 5710, 5538, 5278, 5609, 5435, 5260, 5677, 5655, 5712, 5497, 5471, 5549, 5596, 5391, 5509, 5324, 5506, 5634, 5628, 5430 (1 hits)
10	9	1.0	333.0	Yes	5550.9MHz ,-64.0dBm	Hop sequence: 5630, 5310, 5447, 5564, 5675, 5494, 5613, 5478, 5464, 5294, 5501, 5421, 5632, 5386, 5631, 5290, 5445, 5725, 5482, 5253, 5488, 5507, 5398, 5473, 5604, 5597, 5483, 5251, 5299, 5262, 5661, 5702, 5688, 5385, 5563, 5520, 5291, 5533, 5444, 5678, 5543, 5471, 5617, 5605, 5532, 5458, 5256, 5652, 5682, 5608, 5371, 5436, 5255, 5338, 5335, 5363, 5366, 5382, 5585, 5258, 5562, 5457, 5374, 5561, 5616, 5628, 5583, 5402, 5491, 5266, 5668, 5648, 5586, 5345, 5619, 5581, 5663, 5460, 5696, 5306, 5684, 5634, 5477, 5288, 5410, 5465, 5454, 5362, 5426, 5456, 5531, 5584, 5534, 5523, 5437, 5592, 5315, 5459, 5474, 5549 (1 hits)
11	9	1.0	333.0	Yes	5551.9MHz ,-64.0dBm	Hop sequence: 5445, 5490, 5407, 5710, 5702, 5274, 5370, 5621, 5610, 5694, 5427, 5397, 5461, 5300, 5575, 5284, 5400, 5368, 5542, 5318, 5250, 5338, 5350, 5619, 5457, 5394, 5704, 5585, 5365, 5655, 5594, 5462, 5545, 5296, 5631, 5613, 5564, 5383, 5670, 5528, 5359, 5554, 5486, 5387, 5360, 5339, 5458, 5348, 5565, 5685, 5537, 5422, 5395, 5257, 5686, 5302, 5651, 5591, 5285, 5707, 5572, 5652, 5345, 5317, 5715, 5465, 5415, 5717, 5314, 5579, 5661, 5261, 5587, 5423, 5404, 5632, 5716, 5259, 5499, 5362, 5522, 5502, 5559, 5672, 5625, 5616, 5419, 5425, 5681, 5663, 5420, 5588, 5688, 5277, 5510,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5538, 5724, 5417, 5706, 5551 (1 hits)
12	9	1.0	333.0	Yes	5552.1MHz ,-64.0dBm	Hop sequence: 5582, 5652, 5471, 5411, 5618, 5308, 5254, 5401, 5717, 5443, 5595, 5688, 5375, 5540, 5672, 5683, 5711, 5686, 5716, 5600, 5572, 5694, 5262, 5529, 5512, 5692, 5616, 5364, 5522, 5381, 5416, 5324, 5361, 5533, 5433, 5486, 5295, 5370, 5656, 5312, 5356, 5573, 5518, 5354, 5681, 5560, 5497, 5297, 5421, 5363, 5590, 5623, 5578, 5647, 5414, 5571, 5615, 5258, 5384, 5570, 5360, 5636, 5451, 5319, 5340, 5341, 5352, 5265, 5563, 5445, 5450, 5535, 5278, 5653, 5482, 5562, 5398, 5555, 5624, 5500, 5423, 5520, 5390, 5454, 5608, 5374, 5585, 5553, 5385, 5521, 5367, 5625, 5300, 5292, 5477, 5576, 5425, 5489, 5392, 5552 (1 hits)
13	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5355, 5671, 5662, 5524, 5256, 5360, 5393, 5631, 5649, 5532, 5554, 5460, 5510, 5315, 5383, 5299, 5329, 5697, 5335, 5657, 5338, 5602, 5413, 5260, 5252, 5533, 5641, 5572, 5286, 5368, 5446, 5422, 5454, 5586, 5433, 5515, 5585, 5400, 5498, 5567, 5721, 5603, 5658, 5262, 5557, 5636, 5665, 5423, 5691, 5639, 5661, 5670, 5598, 5473, 5273, 5553, 5439, 5659, 5277, 5450, 5280, 5537, 5570, 5321, 5457, 5324, 5288, 5481, 5270, 5638, 5417, 5345, 5367, 5344, 5703, 5289, 5609, 5696, 5272, 5435, 5692, 5333, 5401, 5674, 5305, 5317, 5287, 5528, 5303, 5330, 5625, 5488, 5712, 5429, 5581, 5447, 5255, 5416, 5499, 5551 (1 hits)
14	9	1.0	333.0	No	5548.9MHz ,-64.0dBm	Hop sequence: 5477, 5674, 5261, 5697, 5367, 5540, 5330, 5661, 5303, 5365, 5288, 5528, 5566, 5464, 5354, 5593, 5442, 5642, 5604, 5359, 5294, 5533, 5474, 5529, 5601, 5355, 5598, 5324, 5690, 5650, 5417, 5652, 5433, 5581, 5541, 5662, 5282, 5711, 5306, 5372, 5295, 5487, 5323, 5557, 5376, 5437, 5589, 5699, 5628, 5343, 5482, 5575, 5726, 5610, 5567, 5396, 5584, 5651, 5348, 5329, 5606, 5549, 5386, 5579, 5632, 5447, 5450, 5317, 5703, 5712, 5266, 5616, 5489, 5390, 5284, 5394, 5602, 5258, 5341, 5479, 5565, 5440, 5475, 5462, 5322, 5468, 5378, 5546, 5458, 5504, 5353, 5448, 5358, 5471, 5421, 5274, 5356, 5380, 5337, 5425 (1 hits)
15	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5688, 5643, 5706, 5348, 5509, 5646, 5505, 5636, 5411, 5265, 5596, 5252, 5679, 5300, 5396, 5382, 5500, 5620, 5315, 5369, 5470, 5525, 5611, 5562, 5530, 5388, 5529, 5517, 5605, 5416, 5482, 5446, 5691, 5699, 5586, 5481, 5702, 5457, 5301, 5443, 5435, 5707, 5638, 5592, 5328, 5261, 5290, 5378, 5267, 5441, 5574, 5515, 5279, 5270, 5578, 5548, 5294, 5553, 5584, 5273,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5474, 5343, 5580, 5554, 5422, 5254, 5595, 5412, 5352, 5551, 5569, 5546, 5296, 5599, 5420, 5281, 5668, 5594, 5662, 5704, 5560, 5402, 5379, 5669, 5387, 5544, 5511, 5518, 5386, 5541, 5326, 5291, 5390, 5575, 5431, 5311, 5426, 5376, 5274, 5499 (2 hits)
16	9	1.0	333.0	Yes	5550.9MHz ,-64.0dBm	Hop sequence: 5527, 5569, 5531, 5415, 5591, 5532, 5687, 5721, 5348, 5304, 5318, 5382, 5648, 5439, 5581, 5324, 5615, 5610, 5276, 5646, 5331, 5637, 5381, 5417, 5587, 5271, 5666, 5387, 5449, 5496, 5383, 5287, 5438, 5715, 5597, 5333, 5374, 5501, 5674, 5327, 5296, 5682, 5349, 5309, 5328, 5474, 5627, 5706, 5699, 5424, 5456, 5452, 5499, 5340, 5608, 5289, 5533, 5409, 5565, 5261, 5514, 5663, 5711, 5505, 5492, 5252, 5363, 5557, 5391, 5469, 5347, 5575, 5528, 5630, 5355, 5541, 5306, 5588, 5427, 5307, 5625, 5662, 5314, 5649, 5614, 5432, 5645, 5408, 5354, 5426, 5278, 5547, 5357, 5420, 5292, 5702, 5436, 5421, 5390, 5552 (1 hits)
17	9	1.0	333.0	Yes	5551.9MHz ,-64.0dBm	Hop sequence: 5723, 5718, 5563, 5543, 5710, 5312, 5344, 5527, 5357, 5636, 5339, 5459, 5590, 5668, 5578, 5386, 5270, 5515, 5707, 5366, 5509, 5421, 5445, 5484, 5569, 5465, 5353, 5293, 5359, 5411, 5449, 5681, 5471, 5418, 5291, 5480, 5608, 5466, 5373, 5703, 5348, 5279, 5391, 5264, 5647, 5487, 5532, 5711, 5439, 5693, 5317, 5469, 5440, 5559, 5452, 5614, 5401, 5290, 5315, 5490, 5253, 5594, 5417, 5570, 5706, 5669, 5616, 5507, 5297, 5274, 5437, 5565, 5601, 5623, 5422, 5363, 5695, 5701, 5678, 5663, 5598, 5633, 5468, 5526, 5342, 5259, 5554, 5307, 5427, 5479, 5505, 5579, 5370, 5603, 5512, 5689, 5658, 5402, 5399, 5548 (1 hits)
18	9	1.0	333.0	Yes	5552.1MHz ,-64.0dBm	Hop sequence: 5545, 5708, 5594, 5445, 5671, 5520, 5258, 5486, 5434, 5509, 5362, 5593, 5508, 5328, 5723, 5725, 5453, 5276, 5275, 5680, 5491, 5518, 5464, 5544, 5495, 5698, 5543, 5559, 5278, 5319, 5560, 5254, 5360, 5715, 5704, 5345, 5400, 5307, 5646, 5462, 5435, 5363, 5456, 5475, 5609, 5533, 5448, 5339, 5352, 5302, 5343, 5384, 5333, 5614, 5634, 5553, 5287, 5580, 5579, 5410, 5512, 5530, 5393, 5399, 5510, 5653, 5354, 5252, 5447, 5308, 5268, 5642, 5449, 5283, 5371, 5684, 5572, 5285, 5315, 5479, 5452, 5577, 5705, 5515, 5598, 5405, 5346, 5272, 5378, 5347, 5648, 5498, 5720, 5336, 5439, 5528, 5595, 5420, 5372, 5549 (1 hits)
19	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5422, 5420, 5342, 5605, 5587, 5580, 5365, 5714, 5621, 5371, 5522, 5588, 5393, 5388, 5671, 5711, 5601, 5620, 5691, 5497, 5407, 5647, 5586, 5503, 5628,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5386, 5658, 5496, 5293, 5493, 5474, 5464, 5253, 5416, 5548, 5356, 5252, 5475, 5316, 5440, 5351, 5499, 5270, 5373, 5260, 5308, 5547, 5346, 5635, 5540, 5456, 5641, 5665, 5584, 5516, 5710, 5720, 5331, 5323, 5329, 5554, 5319, 5515, 5479, 5660, 5676, 5639, 5487, 5259, 5355, 5568, 5300, 5488, 5626, 5274, 5294, 5593, 5257, 5424, 5425, 5725, 5445, 5282, 5283, 5438, 5413, 5327, 5285, 5363, 5556, 5589, 5509, 5702, 5358, 5372, 5261, 5530, 5511, 5700, 5633 (1 hits)
20	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5341, 5445, 5469, 5572, 5382, 5723, 5330, 5607, 5278, 5280, 5498, 5686, 5514, 5653, 5551, 5669, 5630, 5588, 5260, 5407, 5486, 5460, 5271, 5595, 5441, 5281, 5692, 5306, 5685, 5435, 5561, 5443, 5713, 5724, 5600, 5527, 5520, 5697, 5347, 5491, 5252, 5389, 5429, 5558, 5475, 5586, 5564, 5718, 5393, 5302, 5684, 5471, 5721, 5556, 5367, 5450, 5636, 5293, 5579, 5605, 5487, 5397, 5569, 5377, 5515, 5603, 5693, 5490, 5416, 5368, 5567, 5439, 5480, 5476, 5433, 5695, 5647, 5391, 5573, 5641, 5581, 5602, 5612, 5332, 5398, 5322, 5639, 5374, 5566, 5458, 5447, 5574, 5675, 5618, 5348, 5530, 5714, 5272, 5562, 5637 (1 hits)
21	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5715, 5281, 5646, 5383, 5452, 5592, 5549, 5508, 5529, 5377, 5386, 5341, 5392, 5279, 5664, 5725, 5437, 5336, 5687, 5686, 5492, 5255, 5385, 5569, 5424, 5714, 5685, 5712, 5711, 5262, 5575, 5447, 5689, 5577, 5609, 5653, 5420, 5338, 5363, 5250, 5565, 5408, 5342, 5502, 5463, 5498, 5593, 5483, 5721, 5675, 5294, 5335, 5372, 5540, 5302, 5627, 5680, 5681, 5559, 5535, 5480, 5326, 5554, 5684, 5419, 5699, 5292, 5416, 5697, 5598, 5524, 5489, 5708, 5353, 5444, 5582, 5625, 5551, 5644, 5553, 5525, 5608, 5620, 5617, 5384, 5288, 5656, 5347, 5399, 5606, 5280, 5296, 5301, 5436, 5278, 5477, 5401, 5389, 5558, 5474 (2 hits)
22	9	1.0	333.0	Yes	5550.9MHz ,-64.0dBm	Hop sequence: 5398, 5549, 5593, 5546, 5578, 5570, 5300, 5582, 5628, 5497, 5577, 5430, 5431, 5564, 5283, 5487, 5617, 5529, 5337, 5711, 5550, 5717, 5362, 5325, 5698, 5488, 5557, 5378, 5352, 5466, 5643, 5475, 5449, 5611, 5646, 5514, 5262, 5489, 5527, 5415, 5572, 5606, 5358, 5304, 5641, 5468, 5469, 5691, 5414, 5652, 5364, 5278, 5326, 5541, 5620, 5522, 5333, 5589, 5673, 5567, 5258, 5288, 5701, 5419, 5347, 5455, 5720, 5548, 5447, 5403, 5490, 5613, 5621, 5499, 5393, 5382, 5454, 5699, 5615, 5394, 5354, 5520, 5709, 5575, 5601, 5532, 5509, 5494, 5401, 5665, 5715, 5579, 5478, 5422, 5251,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5640, 5595, 5496, 5268, 5657 (3 hits)
23	9	1.0	333.0	Yes	5551.9MHz ,-64.0dBm	Hop sequence: 5681, 5484, 5335, 5636, 5337, 5698, 5267, 5532, 5261, 5553, 5722, 5661, 5288, 5676, 5394, 5457, 5369, 5352, 5298, 5435, 5700, 5277, 5258, 5409, 5695, 5407, 5603, 5579, 5520, 5354, 5462, 5438, 5566, 5333, 5559, 5473, 5377, 5346, 5410, 5657, 5682, 5436, 5615, 5390, 5386, 5619, 5714, 5253, 5618, 5287, 5307, 5568, 5620, 5648, 5401, 5531, 5549, 5543, 5360, 5367, 5281, 5642, 5432, 5353, 5270, 5433, 5644, 5598, 5530, 5368, 5308, 5464, 5665, 5485, 5260, 5637, 5536, 5691, 5252, 5282, 5616, 5463, 5251, 5280, 5659, 5411, 5640, 5349, 5498, 5468, 5314, 5456, 5445, 5419, 5467, 5674, 5343, 5396, 5494, 5664 (1 hits)
24	9	1.0	333.0	Yes	5552.1MHz ,-64.0dBm	Hop sequence: 5382, 5697, 5683, 5345, 5359, 5317, 5254, 5596, 5522, 5279, 5546, 5261, 5427, 5615, 5537, 5271, 5374, 5538, 5324, 5277, 5293, 5297, 5505, 5296, 5704, 5519, 5340, 5468, 5702, 5703, 5445, 5421, 5543, 5535, 5413, 5319, 5306, 5365, 5667, 5513, 5695, 5358, 5575, 5657, 5577, 5436, 5636, 5628, 5361, 5570, 5512, 5408, 5477, 5652, 5671, 5485, 5496, 5540, 5698, 5371, 5714, 5591, 5278, 5311, 5331, 5524, 5561, 5289, 5454, 5484, 5684, 5573, 5330, 5654, 5458, 5678, 5357, 5504, 5349, 5598, 5412, 5686, 5315, 5302, 5250, 5706, 5516, 5539, 5492, 5650, 5398, 5332, 5530, 5614, 5664, 5255, 5253, 5491, 5646, 5549 (1 hits)
25	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5252, 5491, 5534, 5671, 5397, 5261, 5416, 5637, 5348, 5624, 5345, 5587, 5565, 5512, 5525, 5608, 5582, 5314, 5666, 5486, 5360, 5690, 5338, 5563, 5477, 5305, 5511, 5431, 5553, 5502, 5344, 5597, 5461, 5691, 5457, 5418, 5368, 5670, 5508, 5365, 5627, 5623, 5640, 5514, 5676, 5336, 5307, 5663, 5526, 5297, 5259, 5516, 5289, 5523, 5473, 5603, 5634, 5382, 5453, 5435, 5702, 5619, 5489, 5540, 5572, 5629, 5388, 5504, 5542, 5593, 5408, 5275, 5680, 5371, 5443, 5366, 5475, 5376, 5481, 5650, 5636, 5596, 5683, 5570, 5478, 5532, 5716, 5387, 5699, 5503, 5625, 5576, 5437, 5578, 5337, 5658, 5294, 5322, 5304, 5550 (1 hits)
26	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5421, 5588, 5595, 5304, 5452, 5275, 5258, 5651, 5321, 5462, 5684, 5686, 5591, 5378, 5443, 5376, 5395, 5283, 5514, 5260, 5653, 5413, 5634, 5609, 5340, 5261, 5473, 5490, 5620, 5342, 5706, 5517, 5430, 5318, 5459, 5438, 5477, 5393, 5341, 5548, 5465, 5330, 5583, 5432, 5697, 5290, 5470, 5445, 5715, 5371, 5677, 5531, 5601, 5424, 5302, 5460, 5663, 5461, 5655, 5279,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5712, 5387, 5360, 5331, 5627, 5546, 5269, 5386, 5505, 5573, 5487, 5268, 5380, 5334, 5339, 5580, 5506, 5560, 5272, 5714, 5367, 5556, 5254, 5484, 5644, 5639, 5568, 5621, 5648, 5652, 5428, 5726, 5575, 5511, 5372, 5447, 5362, 5312, 5659, 5600 (1 hits)
27	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5470, 5725, 5334, 5591, 5453, 5380, 5344, 5666, 5707, 5512, 5460, 5395, 5592, 5700, 5421, 5670, 5429, 5631, 5370, 5718, 5563, 5302, 5607, 5311, 5348, 5433, 5724, 5438, 5462, 5262, 5660, 5530, 5418, 5333, 5501, 5267, 5614, 5554, 5481, 5340, 5319, 5315, 5624, 5325, 5720, 5261, 5663, 5499, 5301, 5612, 5679, 5533, 5411, 5645, 5291, 5405, 5550, 5358, 5277, 5374, 5577, 5430, 5296, 5535, 5606, 5506, 5621, 5256, 5469, 5568, 5579, 5449, 5413, 5404, 5493, 5505, 5282, 5361, 5603, 5562, 5596, 5706, 5383, 5655, 5391, 5255, 5639, 5314, 5546, 5368, 5275, 5594, 5447, 5529, 5289, 5723, 5480, 5665, 5403, 5507 (1 hits)
28	9	1.0	333.0	Yes	5550.9MHz ,-64.0dBm	Hop sequence: 5673, 5481, 5503, 5602, 5541, 5689, 5572, 5442, 5328, 5691, 5312, 5553, 5418, 5566, 5539, 5314, 5479, 5267, 5264, 5460, 5625, 5424, 5645, 5527, 5438, 5323, 5674, 5487, 5670, 5687, 5346, 5595, 5389, 5297, 5315, 5371, 5425, 5593, 5433, 5348, 5554, 5545, 5394, 5533, 5684, 5548, 5577, 5668, 5286, 5562, 5391, 5583, 5373, 5667, 5385, 5357, 5472, 5284, 5586, 5574, 5428, 5258, 5490, 5627, 5499, 5299, 5270, 5457, 5306, 5374, 5678, 5634, 5571, 5458, 5543, 5522, 5582, 5717, 5525, 5575, 5352, 5366, 5309, 5263, 5724, 5266, 5390, 5294, 5398, 5420, 5725, 5484, 5520, 5289, 5273, 5495, 5469, 5325, 5500, 5616 (1 hits)
29	9	1.0	333.0	Yes	5551.9MHz ,-64.0dBm	Hop sequence: 5692, 5269, 5619, 5387, 5703, 5561, 5688, 5517, 5642, 5602, 5541, 5379, 5679, 5505, 5450, 5400, 5416, 5329, 5553, 5376, 5605, 5348, 5436, 5261, 5451, 5568, 5259, 5522, 5514, 5509, 5558, 5620, 5393, 5511, 5287, 5687, 5668, 5371, 5474, 5475, 5465, 5711, 5372, 5634, 5521, 5481, 5601, 5289, 5661, 5470, 5418, 5501, 5680, 5664, 5594, 5409, 5408, 5694, 5342, 5258, 5636, 5427, 5381, 5309, 5559, 5375, 5457, 5588, 5396, 5364, 5719, 5600, 5525, 5585, 5530, 5689, 5531, 5562, 5353, 5555, 5683, 5362, 5412, 5524, 5478, 5413, 5682, 5332, 5515, 5584, 5603, 5352, 5649, 5563, 5484, 5658, 5621, 5534, 5618, 5549 (1 hits)
30	9	1.0	333.0	Yes	5552.1MHz ,-64.0dBm	Hop sequence: 5603, 5618, 5641, 5325, 5354, 5504, 5463, 5490, 5569, 5360, 5528, 5708, 5433, 5585, 5584, 5597, 5628, 5280, 5554, 5256, 5295, 5502, 5714, 5650, 5371,

Table 20 - FCC frequency hopping radar (Type 6) Results 5 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5348, 5343, 5626, 5524, 5594, 5320, 5311, 5464, 5458, 5370, 5467, 5593, 5720, 5323, 5261, 5314, 5616, 5413, 5668, 5358, 5661, 5665, 5345, 5670, 5446, 5425, 5608, 5633, 5652, 5721, 5416, 5312, 5679, 5287, 5674, 5347, 5382, 5599, 5607, 5588, 5702, 5262, 5620, 5333, 5521, 5408, 5544, 5627, 5617, 5541, 5630, 5484, 5696, 5432, 5667, 5277, 5636, 5307, 5545, 5390, 5598, 5338, 5419, 5725, 5580, 5690, 5558, 5514, 5383, 5317, 5581, 5322, 5352, 5500, 5551 (1 hits)

Table 21 - FCC Long Pulse Radar (Type 5) Waveform Summary		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5550.0MHz,-64.0dBm
Trial #2	Detected	5550.0MHz,-64.0dBm
Trial #3	Detected	5550.0MHz,-64.0dBm
Trial #4	Detected	5550.0MHz,-64.0dBm
Trial #5	Detected	5550.0MHz,-64.0dBm
Trial #6	Detected	5550.0MHz,-64.0dBm
Trial #7	Detected	5550.0MHz,-64.0dBm
Trial #8	Detected	5550.0MHz,-64.0dBm
Trial #9	Detected	5550.0MHz,-64.0dBm
Trial #10	Detected	5550.0MHz,-64.0dBm
Trial #11	Detected	5549.4MHz,-64.0dBm
Trial #12	Detected	5552.6MHz,-64.0dBm
Trial #13	Detected	5549.4MHz,-64.0dBm
Trial #14	Detected	5551.9MHz,-64.0dBm
Trial #15	Detected	5551.4MHz,-64.0dBm
Trial #16	Detected	5551.1MHz,-64.0dBm
Trial #17	Detected	5550.6MHz,-64.0dBm
Trial #18	Detected	5553.4MHz,-64.0dBm
Trial #19	Detected	5548.6MHz,-64.0dBm
Trial #20	Detected	5548.2MHz,-64.0dBm
Trial #21	Detected	5546.9MHz,-64.0dBm
Trial #22	Detected	5550.9MHz,-64.0dBm
Trial #23	Detected	5549.8MHz,-64.0dBm
Trial #24	Detected	5549.8MHz,-64.0dBm
Trial #25	NOT Detected	5546.1MHz,-64.0dBm
Trial #26	NOT Detected	5546.1MHz,-64.0dBm
Trial #27	Detected	5548.9MHz,-64.0dBm
Trial #28	Detected	5549.8MHz,-64.0dBm
Trial #29	Detected	5549.4MHz,-64.0dBm
Trial #30	Detected	5550.9MHz,-64.0dBm

Table 22 - FCC Long Pulse Radar (Type 5) Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	70.3	8	-	-	0.616964
2	3	99.7	8	1813.0	1789.0	1.353912
3	2	96.2	8	1279.0	-	3.068462
4	3	88.6	8	1943.0	1835.0	3.707984
5	2	78.0	8	1067.0	-	5.567550
6	2	50.5	8	1311.0	-	7.060181
7	2	79.6	8	1805.0	-	8.049195
8	1	63.9	8	-	-	9.282333
9	1	99.0	8	-	-	9.764977
10	3	71.7	8	1676.0	1542.0	10.834994

Table 23 - FCC Long Pulse Radar (Type 5) Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.3	10	1031.0	-	0.907021
2	1	70.9	10	-	-	1.526374
3	1	85.3	10	-	-	1.927898
4	3	68.4	10	1219.0	1807.0	3.154544
5	2	55.7	10	1921.0	-	3.942337
6	1	59.3	10	-	-	5.535042
7	3	55.5	10	1156.0	1232.0	6.117179
8	3	97.4	10	1836.0	1179.0	6.644507
9	2	67.9	10	1855.0	-	7.973879
10	1	60.5	10	-	-	8.942903
11	1	62.5	10	-	-	9.628151
12	3	75.1	10	1301.0	1233.0	10.242535
13	2	59.2	10	1912.0	-	11.349509

Table 24 - FCC Long Pulse Radar (Type 5) Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	96.8	14	-	-	0.521712
2	2	66.8	14	1035.0	-	2.636955
3	2	66.3	14	1509.0	-	3.104399
4	1	62.9	14	-	-	5.746704
5	1	87.5	14	-	-	6.510621
6	2	88.4	14	1364.0	-	8.024834
7	3	68.6	14	1050.0	1143.0	9.360587
8	1	53.0	14	-	-	11.774365

Table 25 - FCC Long Pulse Radar (Type 5) Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	72.4	16	1877.0	1066.0	0.543153
2	2	52.5	16	1316.0	-	1.808041
3	2	54.3	16	1986.0	-	2.981064
4	3	52.2	16	1296.0	1258.0	3.628534
5	3	70.9	16	1300.0	1548.0	5.611418
6	3	90.0	16	1876.0	1296.0	7.068294
7	3	98.6	16	1255.0	1640.0	8.034698
8	2	78.5	16	1706.0	-	9.087953
9	1	60.6	16	-	-	9.923038
10	2	97.7	16	1516.0	-	10.930747

Table 26 - FCC Long Pulse Radar (Type 5) Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.1	7	1594.0	-	0.713024
2	2	73.3	7	1118.0	-	2.105705
3	2	58.6	7	1111.0	-	2.905844
4	3	76.0	7	1202.0	1969.0	3.813024
5	1	61.2	7	-	-	4.749168
6	2	57.3	7	1980.0	-	5.548778
7	2	65.5	7	1522.0	-	6.967616
8	2	95.0	7	1131.0	-	7.960999
9	2	69.8	7	1719.0	-	9.047418
10	1	87.4	7	-	-	10.153988
11	2	78.5	7	1859.0	-	11.099208

Table 27 - FCC Long Pulse Radar (Type 5) Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.5	13	1040.0	-	0.072090
2	3	85.8	13	1215.0	1308.0	0.674250
3	1	88.7	13	-	-	1.410512
4	2	69.5	13	1722.0	-	2.206988
5	3	70.3	13	1831.0	1843.0	2.860045
6	1	98.5	13	-	-	3.600736
7	3	68.9	13	1542.0	1005.0	4.279431
8	2	73.7	13	1835.0	-	5.054306
9	1	74.0	13	-	-	5.422097
10	2	86.7	13	1775.0	-	6.216250
11	2	80.7	13	1360.0	-	6.894059
12	2	75.9	13	1156.0	-	7.532080
13	1	58.6	13	-	-	8.620958
14	2	87.3	13	1437.0	-	9.227458
15	1	57.6	13	-	-	9.820671
16	2	73.1	13	1832.0	-	10.467088
17	2	69.1	13	1666.0	-	10.837831
18	3	80.9	13	1867.0	1242.0	11.850193

Table 28 - FCC Long Pulse Radar (Type 5) Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	66.9	19	1963.0	1379.0	0.295764
2	2	63.3	19	1827.0	-	0.928235
3	2	81.3	19	1944.0	-	1.922349
4	2	63.2	19	1972.0	-	2.765498
5	1	96.4	19	-	-	3.130157
6	2	68.3	19	1298.0	-	3.845586
7	1	74.2	19	-	-	4.824954
8	1	80.3	19	-	-	5.321202
9	1	62.3	19	-	-	6.366994
10	3	64.8	19	1334.0	1729.0	7.188180
11	3	77.0	19	1117.0	1202.0	7.606585
12	3	63.5	19	1656.0	1123.0	8.860028
13	3	99.8	19	1745.0	1567.0	9.091780
14	2	98.2	19	1248.0	-	10.307046
15	3	87.4	19	1891.0	1644.0	11.093019
16	2	77.0	19	1851.0	-	11.932958

Table 29 - FCC Long Pulse Radar (Type 5) Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.6	12	1418.0	-	0.265165
2	2	90.5	12	1001.0	-	1.620281
3	1	81.0	12	-	-	2.613425
4	2	51.8	12	1770.0	-	3.465635
5	2	52.2	12	1765.0	-	4.940686
6	2	98.9	12	1779.0	-	6.189326
7	3	58.3	12	1117.0	1731.0	6.983383
8	2	80.4	12	1743.0	-	8.059480
9	1	85.3	12	-	-	9.044821
10	2	60.7	12	1064.0	-	10.143228
11	2	66.6	12	1725.0	-	11.512834

Table 30 - FCC Long Pulse Radar (Type 5) Waveform Trial#9 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.8	9	1324.0	-	0.367628
2	2	68.3	9	1020.0	-	1.647485
3	2	71.1	9	1737.0	-	3.047230
4	1	83.0	9	-	-	3.985617
5	2	58.1	9	1344.0	-	4.447981
6	3	65.0	9	1960.0	1596.0	5.723829
7	2	84.5	9	1288.0	-	6.961540
8	2	67.3	9	1442.0	-	7.653627
9	2	69.7	9	1195.0	-	9.640245
10	2	65.8	9	1090.0	-	10.447567
11	1	80.8	9	-	-	11.357148

Table 31 - FCC Long Pulse Radar (Type 5) Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	86.7	5	-	-	0.134032
2	1	68.9	5	-	-	1.611330
3	2	60.5	5	1736.0	-	2.562817
4	2	93.5	5	1989.0	-	2.966800
5	2	78.5	5	1542.0	-	4.564709
6	1	65.1	5	-	-	4.977161
7	1	76.7	5	-	-	6.245554
8	2	95.1	5	1945.0	-	7.301944
9	3	94.3	5	1504.0	1369.0	8.229976
10	3	85.3	5	1659.0	1045.0	8.927536
11	2	76.4	5	1025.0	-	9.840466
12	1	86.8	5	-	-	10.401627
13	3	98.4	5	1772.0	1134.0	11.574912

Table 32 - FCC Long Pulse Radar (Type 5) Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	83.2	9	-	-	0.207688
2	2	69.3	9	1049.0	-	1.628010
3	2	94.4	9	1685.0	-	1.778170
4	2	91.2	9	1705.0	-	3.149665
5	1	53.7	9	-	-	3.463589
6	2	65.1	9	1991.0	-	4.591713
7	2	57.3	9	1667.0	-	5.415969
8	3	59.0	9	1957.0	1471.0	6.613123
9	3	64.3	9	1730.0	1380.0	7.304304
10	1	84.9	9	-	-	7.940258
11	1	70.2	9	-	-	8.661891
12	2	57.7	9	1388.0	-	10.262359
13	2	66.4	9	1022.0	-	10.413435
14	1	59.3	9	-	-	11.721953

Table 33 - FCC Long Pulse Radar (Type 5) Waveform Trial#12 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.3	17	1322.0	1404.0	0.579205
2	3	77.3	17	1031.0	1375.0	0.717224
3	1	90.1	17	-	-	1.227194
4	2	96.9	17	1960.0	-	1.845284
5	2	63.1	17	1817.0	-	2.585567
6	2	61.3	17	1949.0	-	3.409812
7	1	87.9	17	-	-	3.853301
8	3	98.7	17	1863.0	1480.0	4.660401
9	3	70.3	17	1340.0	1178.0	5.074092
10	2	94.5	17	1660.0	-	5.586181
11	2	97.2	17	1796.0	-	6.503029
12	1	54.7	17	-	-	6.859128
13	3	54.8	17	1489.0	1117.0	7.282858
14	2	60.3	17	1726.0	-	8.021399
15	2	66.6	17	1375.0	-	8.869151
16	2	50.6	17	1968.0	-	9.078934
17	2	77.9	17	1407.0	-	10.187958
18	2	59.2	17	1907.0	-	10.284788
19	2	57.2	17	1892.0	-	11.356390
20	1	71.8	17	-	-	11.488501

Table 34 - FCC Long Pulse Radar (Type 5) Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	96.4	9	-	-	0.466998
2	1	75.0	9	-	-	1.986732
3	2	92.1	9	1475.0	-	2.934710
4	3	95.0	9	1227.0	1269.0	4.125877
5	2	52.0	9	1925.0	-	4.700137
6	2	53.2	9	1854.0	-	6.111983
7	2	89.1	9	1702.0	-	6.640674
8	1	54.0	9	-	-	7.940111
9	1	94.1	9	-	-	9.689797
10	3	81.7	9	1568.0	1323.0	10.855058
11	2	52.2	9	1428.0	-	11.634602

Table 35 - FCC Long Pulse Radar (Type 5) Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.4	15	1975.0	-	0.625803
2	2	67.0	15	1363.0	-	1.028614
3	2	97.7	15	1402.0	-	1.865946
4	3	80.1	15	1688.0	1184.0	2.682927
5	2	76.6	15	1524.0	-	3.617159
6	1	64.5	15	-	-	4.550228
7	2	70.6	15	1731.0	-	5.006942
8	2	73.0	15	1009.0	-	6.326640
9	2	95.5	15	1654.0	-	6.621288
10	2	78.6	15	1541.0	-	7.984451
11	2	91.1	15	1743.0	-	8.415217
12	2	54.8	15	1580.0	-	9.467914
13	3	60.8	15	1373.0	1954.0	9.927421
14	2	64.1	15	1839.0	-	10.844469
15	2	66.7	15	1316.0	-	11.764144

Table 36 - FCC Long Pulse Radar (Type 5) Waveform Trial#15 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.2	14	-	-	0.357573
2	1	65.1	14	-	-	1.090885
3	2	78.7	14	1263.0	-	1.754398
4	2	90.4	14	1092.0	-	3.136996
5	1	61.2	14	-	-	3.458373
6	3	86.3	14	1456.0	1906.0	4.586497
7	3	59.3	14	1161.0	1132.0	5.437513
8	2	61.4	14	1078.0	-	5.778077
9	2	100.0	14	1231.0	-	6.495950
10	2	91.7	14	1801.0	-	7.747423
11	1	62.1	14	-	-	8.123542
12	1	93.9	14	-	-	9.501189
13	1	92.5	14	-	-	9.691121
14	2	78.3	14	1561.0	-	10.600907
15	2	76.4	14	1711.0	-	11.740252

Table 37 - FCC Long Pulse Radar (Type 5) Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.5	13	1857.0	-	0.027968
2	1	86.7	13	-	-	1.185843
3	3	70.0	13	1705.0	1089.0	2.250056
4	2	84.2	13	1242.0	-	2.421588
5	2	86.8	13	1654.0	-	3.666138
6	2	89.8	13	1302.0	-	4.623144
7	2	56.4	13	1196.0	-	4.840420
8	2	59.5	13	1264.0	-	5.648346
9	2	91.0	13	1516.0	-	6.945716
10	2	93.2	13	1832.0	-	7.901400
11	3	83.8	13	1939.0	1320.0	8.296581
12	1	51.6	13	-	-	9.130952
13	2	85.9	13	1097.0	-	9.874355
14	1	57.0	13	-	-	11.039424
15	1	71.9	13	-	-	11.296917

Table 38 - FCC Long Pulse Radar (Type 5) Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.1	12	1391.0	-	0.526275
2	2	71.9	12	1588.0	-	1.128430
3	2	53.5	12	1627.0	-	2.937469
4	2	59.2	12	1496.0	-	3.045732
5	2	54.7	12	1066.0	-	4.251697
6	2	71.2	12	1128.0	-	5.695855
7	3	75.0	12	1444.0	1909.0	6.361789
8	1	82.0	12	-	-	7.188904
9	2	95.0	12	1836.0	-	8.451600
10	2	92.5	12	1136.0	-	9.036413
11	2	80.8	12	1607.0	-	10.756028
12	1	74.4	12	-	-	11.752695

Table 39 - FCC Long Pulse Radar (Type 5) Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	57.1	19	1060.0	1852.0	0.256560
2	3	52.3	19	1586.0	1008.0	0.832007
3	1	51.4	19	-	-	1.767562
4	3	73.0	19	1969.0	1748.0	2.954539
5	1	86.0	19	-	-	3.401841
6	2	66.2	19	1501.0	-	4.380186
7	2	91.7	19	1059.0	-	4.615293
8	2	65.9	19	1427.0	-	5.447944
9	3	57.3	19	1853.0	1553.0	6.119000
10	2	60.9	19	1820.0	-	7.058206
11	1	67.3	19	-	-	7.870125
12	3	77.0	19	1269.0	1546.0	8.652892
13	3	73.5	19	1567.0	1747.0	9.593809
14	2	58.9	19	1328.0	-	9.942557
15	2	61.2	19	1712.0	-	11.131405
16	1	58.5	19	-	-	11.626973

Table 40 - FCC Long Pulse Radar (Type 5) Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.8	7	1830.0	-	0.373581
2	2	93.6	7	1294.0	-	0.915239
3	1	87.0	7	-	-	1.678529
4	2	79.7	7	1420.0	-	2.056176
5	3	94.3	7	1213.0	1710.0	3.143558
6	2	65.7	7	1699.0	-	3.771042
7	1	83.3	7	-	-	3.792662
8	3	70.6	7	1207.0	1748.0	4.702449
9	2	68.7	7	1509.0	-	5.163134
10	1	58.1	7	-	-	6.242537
11	2	81.9	7	1773.0	-	6.829371
12	3	79.7	7	1701.0	1267.0	7.211851
13	3	80.8	7	1808.0	1209.0	7.906343
14	2	83.3	7	1740.0	-	8.421390
15	1	99.5	7	-	-	8.998099
16	2	75.2	7	1015.0	-	9.968393
17	2	80.5	7	1343.0	-	10.232587
18	3	56.9	7	1493.0	1458.0	10.921866
19	2	57.7	7	1644.0	-	11.417395

Table 41 - FCC Long Pulse Radar (Type 5) Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.6	6	-	-	0.486646
2	3	97.1	6	1228.0	1968.0	1.405124
3	2	87.6	6	1768.0	-	2.148951
4	1	57.6	6	-	-	3.006489
5	2	54.7	6	1904.0	-	3.476492
6	3	99.5	6	1228.0	1307.0	4.714153
7	3	70.0	6	1075.0	1557.0	5.579672
8	3	85.1	6	1114.0	1275.0	5.898535
9	3	80.0	6	1345.0	1781.0	6.928957
10	1	53.4	6	-	-	7.309569
11	1	83.8	6	-	-	8.378516
12	2	92.5	6	1108.0	-	8.885867
13	2	92.2	6	1420.0	-	9.680898
14	2	71.8	6	1005.0	-	11.104213
15	2	65.4	6	1239.0	-	11.792321

Table 42 - FCC Long Pulse Radar (Type 5) Waveform Trial#21 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.5	18	1253.0	-	0.776073
2	1	58.6	18	-	-	0.880383
3	2	60.8	18	1696.0	-	1.993375
4	1	52.2	18	-	-	3.127865
5	3	81.1	18	1494.0	1346.0	3.393932
6	3	78.2	18	1439.0	1693.0	4.284311
7	2	69.2	18	1068.0	-	4.914796
8	2	52.0	18	1353.0	-	6.189200
9	1	92.5	18	-	-	6.809344
10	2	88.5	18	1845.0	-	7.730965
11	3	71.5	18	1566.0	1198.0	8.153207
12	1	53.1	18	-	-	9.409962
13	2	55.2	18	1610.0	-	9.644515
14	2	91.0	18	1376.0	-	10.440060
15	1	50.6	18	-	-	11.493891

Table 43 - FCC Long Pulse Radar (Type 5) Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.6	8	1007.0	-	0.395061
2	3	89.2	8	1466.0	1609.0	1.295652
3	2	64.3	8	1449.0	-	1.477953
4	2	50.9	8	1293.0	-	2.170705
5	2	98.1	8	1381.0	-	2.802520
6	2	87.7	8	1327.0	-	3.798933
7	2	63.1	8	1800.0	-	4.033411
8	1	99.7	8	-	-	5.114109
9	1	70.9	8	-	-	5.750018
10	1	90.6	8	-	-	6.208727
11	3	93.5	8	1665.0	1945.0	7.130582
12	1	68.7	8	-	-	7.513607
13	1	64.1	8	-	-	8.435683
14	3	81.9	8	1731.0	1806.0	8.868902
15	3	96.4	8	1944.0	1716.0	9.481386
16	1	78.4	8	-	-	10.107415
17	2	57.9	8	1781.0	-	11.237392
18	3	55.5	8	1061.0	1356.0	11.755620

Table 44 - FCC Long Pulse Radar (Type 5) Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.8	11	1690.0	-	0.430141
2	2	52.8	11	1202.0	-	0.730497
3	2	99.7	11	1781.0	-	1.650891
4	3	52.5	11	1671.0	1701.0	2.411021
5	2	63.4	11	1948.0	-	3.230854
6	1	55.6	11	-	-	4.004241
7	3	79.9	11	1836.0	1808.0	4.846483
8	3	79.6	11	1284.0	1685.0	5.113319
9	1	81.2	11	-	-	5.914544
10	2	97.8	11	1754.0	-	6.885380
11	2	51.2	11	1132.0	-	7.147626
12	2	91.2	11	1470.0	-	8.007493
13	2	62.0	11	1898.0	-	9.114923
14	2	54.3	11	1341.0	-	9.837313
15	2	82.2	11	1185.0	-	10.099239
16	3	68.9	11	1809.0	1618.0	10.646135
17	3	58.2	11	1591.0	1595.0	11.571741

Table 45 - FCC Long Pulse Radar (Type 5) Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.8	11	1646.0	-	0.625785
2	2	75.2	11	1488.0	-	1.067111
3	2	90.9	11	1019.0	-	1.809836
4	2	65.4	11	1009.0	-	2.491712
5	2	88.4	11	1832.0	-	2.965073
6	3	93.9	11	1365.0	1045.0	3.460244
7	2	82.3	11	1253.0	-	3.922951
8	2	83.7	11	1309.0	-	5.041141
9	2	76.6	11	1011.0	-	5.637642
10	1	94.9	11	-	-	5.697487
11	2	57.7	11	1698.0	-	6.726372
12	2	77.9	11	1313.0	-	7.465467
13	2	92.9	11	1433.0	-	7.744860
14	2	79.8	11	1634.0	-	8.437580
15	1	88.8	11	-	-	9.342549
16	1	67.1	11	-	-	10.079760
17	2	73.1	11	1846.0	-	10.331341
18	2	74.4	11	1360.0	-	11.356644
19	2	80.5	11	1324.0	-	11.631455

Table 46 - FCC Long Pulse Radar (Type 5) Waveform Trial#25 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.9	20	-	-	0.321702
2	3	86.5	20	1778.0	1423.0	1.101534
3	2	91.0	20	1220.0	-	2.608642
4	1	94.3	20	-	-	3.305418
5	3	58.6	20	1751.0	1631.0	3.742535
6	1	97.7	20	-	-	5.093696
7	1	53.9	20	-	-	5.881200
8	2	85.1	20	1873.0	-	7.379177
9	3	87.6	20	1115.0	1756.0	7.995996
10	3	82.3	20	1002.0	1175.0	8.704986
11	1	51.9	20	-	-	9.938272
12	3	70.3	20	1539.0	1152.0	11.073391
13	1	51.5	20	-	-	11.660558

Table 47 - FCC Long Pulse Radar (Type 5) Waveform Trial#26 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	86.6	20	1282.0	1889.0	0.917083
2	2	53.9	20	1680.0	-	1.541337
3	2	62.3	20	1284.0	-	2.910217
4	3	76.0	20	1862.0	1701.0	3.853742
5	2	83.0	20	1235.0	-	4.164668
6	1	62.9	20	-	-	5.620374
7	2	60.5	20	1402.0	-	6.302178
8	3	55.5	20	1748.0	1419.0	7.405420
9	2	63.0	20	1104.0	-	8.736557
10	2	79.1	20	1749.0	-	9.288334
11	2	80.5	20	1056.0	-	10.277107
12	2	93.9	20	1991.0	-	11.013193

Table 48 - FCC Long Pulse Radar (Type 5) Waveform Trial#27 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.9	13	1220.0	-	0.800761
2	2	68.4	13	1107.0	-	2.141883
3	2	56.8	13	1178.0	-	2.835296
4	1	83.4	13	-	-	4.523086
5	2	97.2	13	1181.0	-	6.077314
6	2	77.9	13	1269.0	-	7.525796
7	1	52.4	13	-	-	8.772092
8	3	59.6	13	1046.0	1248.0	9.468086
9	1	71.6	13	-	-	11.070369

Table 49 - FCC Long Pulse Radar (Type 5) Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.6	11	1236.0	-	1.039982
2	3	93.7	11	1194.0	1620.0	2.295847
3	2	52.5	11	1686.0	-	2.692679
4	1	65.4	11	-	-	5.128139
5	1	52.3	11	-	-	6.058307
6	1	75.4	11	-	-	6.780982
7	3	90.3	11	1606.0	1003.0	8.849760
8	3	60.2	11	1200.0	1573.0	9.592657
9	3	70.6	11	1805.0	1485.0	11.194507

Table 50 - FCC Long Pulse Radar (Type 5) Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	52.4	12	-	-	0.449231
2	2	88.1	12	1030.0	-	1.074461
3	2	62.1	12	1742.0	-	1.734239
4	2	58.3	12	1503.0	-	3.086633
5	2	90.8	12	1656.0	-	3.997410
6	1	54.9	12	-	-	4.997105
7	2	91.5	12	1711.0	-	5.488668
8	1	55.7	12	-	-	6.786022
9	3	98.6	12	1814.0	1426.0	7.508165
10	2	51.0	12	1066.0	-	8.421352
11	2	82.7	12	1140.0	-	8.928705
12	2	68.2	12	1534.0	-	9.785366
13	3	70.3	12	1804.0	1054.0	10.362308
14	1	81.0	12	-	-	11.991317

Table 51 - FCC Long Pulse Radar (Type 5) Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.5	8	1413.0	-	0.180777
2	3	82.5	8	1111.0	1411.0	1.064549
3	2	69.5	8	1601.0	-	2.415283
4	2	50.8	8	1665.0	-	3.113126
5	2	51.8	8	1064.0	-	4.101847
6	1	61.4	8	-	-	5.154573
7	3	64.1	8	1966.0	1738.0	6.021101
8	1	91.4	8	-	-	6.878153
9	2	61.8	8	1361.0	-	8.246716
10	2	63.7	8	1147.0	-	8.358161
11	1	78.7	8	-	-	9.535886
12	3	84.8	8	1609.0	1229.0	10.899377
13	2	83.9	8	1970.0	-	11.804444

Table 52 - Detection Bandwidth Measurements (Bandwidth: +4.2MHz /-4.2MHz) 10 MHz					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5545.00 MHz	0	2	0
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5545.80 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5546.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5547.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5548.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5549.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5550.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5551.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5552.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5553.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5554.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5554.20 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5555.00 MHz	0	2	0

Table 53 - Summary of All Results 10 MHz				
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)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	99.2 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	83.3 %	70.0 %	36	PASSED

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Table 54 - Summary of All Results 10MHz (Bin 5 only)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Long Pulse Radar (Type 5)	100.0 %	80.0 %	30	PASSED

Table 55 - FCC Short Pulse Radar (Type 1A) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	58	1.0	918.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	99	1.0	538.0	Yes	5551.6MHz,-64.0dBm	Single burst
3	63	1.0	838.0	Yes	5553.0MHz,-64.0dBm	Single burst
4	78	1.0	678.0	Yes	5554.1MHz,-64.0dBm	Single burst
5	65	1.0	818.0	Yes	5545.9MHz,-64.0dBm	Single burst
6	76	1.0	698.0	Yes	5546.5MHz,-64.0dBm	Single burst
7	89	1.0	598.0	Yes	5548.3MHz,-64.0dBm	Single burst
8	62	1.0	858.0	Yes	5549.8MHz,-64.0dBm	Single burst
9	70	1.0	758.0	Yes	5550.9MHz,-64.0dBm	Single burst
10	81	1.0	658.0	Yes	5552.1MHz,-64.0dBm	Single burst
11	68	1.0	778.0	Yes	5553.3MHz,-64.0dBm	Single burst
12	83	1.0	638.0	Yes	5554.1MHz,-64.0dBm	Single burst
13	57	1.0	938.0	Yes	5545.9MHz,-64.0dBm	Single burst
14	72	1.0	738.0	Yes	5545.9MHz,-64.0dBm	Single burst
15	61	1.0	878.0	Yes	5547.8MHz,-64.0dBm	Single burst

Table 56 - FCC Short Pulse Radar (Type 1B) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	24	1.0	2272.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	45	1.0	1176.0	Yes	5551.4MHz,-64.0dBm	Single burst
3	20	1.0	2719.0	Yes	5552.9MHz,-64.0dBm	Single burst
4	33	1.0	1616.0	Yes	5554.1MHz,-64.0dBm	Single burst
5	36	1.0	1494.0	Yes	5545.9MHz,-64.0dBm	Single burst
6	31	1.0	1751.0	Yes	5546.6MHz,-64.0dBm	Single burst
7	34	1.0	1590.0	Yes	5547.9MHz,-64.0dBm	Single burst
8	34	1.0	1555.0	Yes	5549.2MHz,-64.0dBm	Single burst
9	40	1.0	1348.0	Yes	5551.2MHz,-64.0dBm	Single burst
10	28	1.0	1901.0	Yes	5552.3MHz,-64.0dBm	Single burst
11	56	1.0	952.0	Yes	5553.8MHz,-64.0dBm	Single burst
12	36	1.0	1504.0	Yes	5554.1MHz,-64.0dBm	Single burst
13	36	1.0	1506.0	Yes	5545.9MHz,-64.0dBm	Single burst
14	31	1.0	1734.0	Yes	5546.9MHz,-64.0dBm	Single burst
15	21	1.0	2577.0	Yes	5548.5MHz,-64.0dBm	Single burst

Table 57 - FCC Short Pulse Radar (Type 2) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	24	1.3	208.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	25	1.2	192.0	Yes	5551.7MHz,-64.0dBm	Single burst
3	29	1.8	158.0	Yes	5553.4MHz,-64.0dBm	Single burst
4	26	1.1	167.0	Yes	5554.1MHz,-64.0dBm	Single burst
5	28	5.0	158.0	Yes	5545.9MHz,-64.0dBm	Single burst
6	28	3.3	195.0	Yes	5546.2MHz,-64.0dBm	Single burst
7	24	2.4	192.0	Yes	5547.2MHz,-64.0dBm	Single burst
8	27	4.1	216.0	Yes	5548.4MHz,-64.0dBm	Single burst
9	26	4.9	203.0	Yes	5549.6MHz,-64.0dBm	Single burst
10	25	1.6	185.0	Yes	5551.0MHz,-64.0dBm	Single burst
11	28	1.7	202.0	Yes	5552.2MHz,-64.0dBm	Single burst
12	26	3.9	209.0	Yes	5553.9MHz,-64.0dBm	Single burst
13	24	2.2	220.0	Yes	5554.1MHz,-64.0dBm	Single burst
14	29	2.3	207.0	Yes	5545.9MHz,-64.0dBm	Single burst
15	28	1.6	210.0	Yes	5546.9MHz,-64.0dBm	Single burst
16	24	3.7	222.0	Yes	5548.1MHz,-64.0dBm	Single burst
17	26	2.6	205.0	Yes	5549.6MHz,-64.0dBm	Single burst
18	25	2.4	195.0	Yes	5551.0MHz,-64.0dBm	Single burst
19	27	2.1	209.0	Yes	5552.5MHz,-64.0dBm	Single burst
20	27	4.3	191.0	Yes	5553.5MHz,-64.0dBm	Single burst
21	29	2.9	207.0	Yes	5554.1MHz,-64.0dBm	Single burst
22	25	1.6	169.0	Yes	5545.9MHz,-64.0dBm	Single burst
23	24	2.1	170.0	Yes	5547.1MHz,-64.0dBm	Single burst
24	29	1.7	201.0	Yes	5548.2MHz,-64.0dBm	Single burst
25	26	3.2	182.0	Yes	5549.5MHz,-64.0dBm	Single burst
26	24	2.4	176.0	Yes	5551.3MHz,-64.0dBm	Single burst
27	24	5.0	227.0	Yes	5552.3MHz,-64.0dBm	Single burst
28	28	3.0	168.0	Yes	5554.1MHz,-64.0dBm	Single burst
29	28	2.5	202.0	Yes	5545.9MHz,-64.0dBm	Single burst
30	29	3.6	193.0	Yes	5546.5MHz,-64.0dBm	Single burst

Table 58 - FCC Short Pulse Radar (Type 3) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	18	7.9	354.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	17	7.4	304.0	Yes	5551.7MHz,-64.0dBm	Single burst
3	17	8.5	482.0	Yes	5552.9MHz,-64.0dBm	Single burst
4	16	7.3	335.0	Yes	5554.1MHz,-64.0dBm	Single burst
5	17	8.1	392.0	Yes	5545.9MHz,-64.0dBm	Single burst
6	16	6.4	373.0	Yes	5546.8MHz,-64.0dBm	Single burst
7	17	7.3	402.0	Yes	5548.7MHz,-64.0dBm	Single burst
8	17	8.6	343.0	Yes	5550.6MHz,-64.0dBm	Single burst
9	16	9.3	468.0	Yes	5552.4MHz,-64.0dBm	Single burst
10	17	8.6	425.0	Yes	5554.1MHz,-64.0dBm	Single burst
11	17	7.6	314.0	Yes	5545.9MHz,-64.0dBm	Single burst
12	17	7.3	386.0	Yes	5546.1MHz,-64.0dBm	Single burst
13	17	7.9	410.0	Yes	5547.1MHz,-64.0dBm	Single burst
14	16	9.8	437.0	Yes	5548.5MHz,-64.0dBm	Single burst
15	17	9.7	364.0	Yes	5549.9MHz,-64.0dBm	Single burst
16	17	10.0	475.0	Yes	5551.2MHz,-64.0dBm	Single burst
17	16	8.6	270.0	Yes	5552.7MHz,-64.0dBm	Single burst
18	17	7.7	431.0	Yes	5554.1MHz,-64.0dBm	Single burst
19	17	7.3	333.0	Yes	5554.1MHz,-64.0dBm	Single burst
20	16	6.0	367.0	Yes	5545.9MHz,-64.0dBm	Single burst
21	18	7.5	377.0	Yes	5546.4MHz,-64.0dBm	Single burst
22	16	7.0	228.0	Yes	5548.3MHz,-64.0dBm	Single burst
23	17	7.6	391.0	Yes	5549.5MHz,-64.0dBm	Single burst
24	16	8.5	298.0	Yes	5550.5MHz,-64.0dBm	Single burst
25	18	8.7	382.0	Yes	5552.2MHz,-64.0dBm	Single burst
26	18	8.6	362.0	Yes	5553.7MHz,-64.0dBm	Single burst
27	17	6.6	310.0	Yes	5554.1MHz,-64.0dBm	Single burst
28	17	10.0	260.0	Yes	5545.9MHz,-64.0dBm	Single burst
29	17	6.3	404.0	Yes	5546.6MHz,-64.0dBm	Single burst
30	17	9.3	451.0	Yes	5548.6MHz,-64.0dBm	Single burst

Table 59 - FCC Short Pulse Radar (Type 4) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	16	17.0	370.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	15	13.2	354.0	Yes	5551.1MHz,-64.0dBm	Single burst
3	16	12.5	412.0	Yes	5552.2MHz,-64.0dBm	Single burst
4	16	17.6	420.0	Yes	5553.5MHz,-64.0dBm	Single burst
5	16	13.1	409.0	Yes	5554.1MHz,-64.0dBm	Single burst
6	13	18.4	225.0	Yes	5545.9MHz,-64.0dBm	Single burst
7	15	11.0	227.0	Yes	5546.4MHz,-64.0dBm	Single burst
8	12	18.6	456.0	Yes	5547.8MHz,-64.0dBm	Single burst
9	13	17.9	447.0	Yes	5549.2MHz,-64.0dBm	Single burst
10	14	17.5	400.0	Yes	5550.8MHz,-64.0dBm	Single burst
11	15	13.5	350.0	No	5551.8MHz,-64.0dBm	Single burst
12	13	12.2	394.0	Yes	5551.8MHz,-64.0dBm	Single burst
13	13	19.6	322.0	Yes	5553.3MHz,-64.0dBm	Single burst
14	14	16.2	315.0	Yes	5554.1MHz,-64.0dBm	Single burst
15	13	16.1	376.0	Yes	5545.9MHz,-64.0dBm	Single burst
16	13	12.6	233.0	Yes	5546.9MHz,-64.0dBm	Single burst
17	16	14.4	350.0	Yes	5548.8MHz,-64.0dBm	Single burst
18	16	14.8	236.0	Yes	5550.8MHz,-64.0dBm	Single burst
19	15	12.6	411.0	Yes	5552.3MHz,-64.0dBm	Single burst
20	15	16.3	329.0	Yes	5553.9MHz,-64.0dBm	Single burst
21	13	14.4	411.0	Yes	5554.1MHz,-64.0dBm	Single burst
22	15	13.6	414.0	Yes	5545.9MHz,-64.0dBm	Single burst
23	13	17.5	213.0	Yes	5546.5MHz,-64.0dBm	Single burst
24	15	16.6	302.0	Yes	5547.6MHz,-64.0dBm	Single burst
25	12	11.0	203.0	Yes	5548.8MHz,-64.0dBm	Single burst
26	16	18.0	497.0	Yes	5549.9MHz,-64.0dBm	Single burst
27	15	12.1	328.0	Yes	5551.7MHz,-64.0dBm	Single burst
28	15	15.8	402.0	Yes	5553.3MHz,-64.0dBm	Single burst
29	12	19.4	425.0	Yes	5554.1MHz,-64.0dBm	Single burst
30	15	19.6	314.0	Yes	5545.9MHz,-64.0dBm	Single burst

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	9	1.0	333.0	Yes	5545.9MHz ,-64.0dBm	Hop sequence: 5431, 5427, 5620, 5318, 5317, 5538, 5596, 5446, 5600, 5559, 5513, 5479, 5540, 5546, 5363, 5380, 5595, 5349, 5701, 5385, 5571, 5392, 5691, 5636, 5678, 5342, 5377, 5451, 5494, 5339, 5261, 5663, 5481, 5530, 5649, 5489, 5478, 5475, 5587, 5696, 5373, 5390, 5580, 5483, 5374, 5683, 5722, 5432, 5700, 5302, 5504, 5626, 5262, 5586, 5687, 5356, 5299, 5309, 5274, 5408, 5723, 5652, 5553, 5434, 5471, 5616, 5401, 5474, 5371, 5259, 5631, 5448, 5256, 5637, 5476, 5284, 5407, 5543, 5321, 5693, 5316, 5294, 5507, 5285, 5699, 5255, 5612, 5378, 5597, 5297, 5708, 5465, 5415, 5593, 5673, 5627, 5402, 5542, 5292, 5298 (2 hits)
2	9	1.0	333.0	Yes	5546.9MHz ,-64.0dBm	Hop sequence: 5617, 5418, 5487, 5380, 5400, 5425, 5330, 5639, 5354, 5694, 5434, 5456, 5463, 5345, 5336, 5654, 5445, 5342, 5659, 5296, 5698, 5677, 5470, 5660, 5416, 5429, 5497, 5513, 5391, 5390, 5372, 5455, 5424, 5319, 5307, 5460, 5588, 5510, 5565, 5610, 5640, 5335, 5491, 5481, 5348, 5438, 5562, 5433, 5622, 5590, 5571, 5291, 5583, 5526, 5686, 5256, 5628, 5252, 5549, 5458, 5439, 5272, 5690, 5517, 5566, 5602, 5551, 5586, 5699, 5444, 5508, 5265, 5657, 5682, 5696, 5655, 5625, 5257, 5606, 5253, 5270, 5299, 5496, 5452, 5534, 5673, 5560, 5422, 5581, 5631, 5414, 5370, 5575, 5708, 5346, 5383, 5472, 5547, 5679, 5665 (3 hits)
3	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5496, 5529, 5677, 5345, 5517, 5538, 5681, 5332, 5572, 5323, 5279, 5512, 5283, 5374, 5558, 5297, 5402, 5367, 5603, 5515, 5438, 5608, 5256, 5435, 5420, 5584, 5462, 5317, 5398, 5288, 5377, 5635, 5457, 5694, 5638, 5463, 5261, 5600, 5510, 5651, 5289, 5453, 5706, 5525, 5265, 5348, 5492, 5585, 5508, 5334, 5258, 5627, 5634, 5346, 5433, 5366, 5461, 5699, 5250, 5318, 5252, 5426, 5607, 5577, 5580, 5682, 5536, 5550, 5539, 5353, 5620, 5678, 5637, 5421, 5328, 5723, 5726, 5685, 5273, 5467, 5659, 5281, 5581, 5556, 5591, 5405, 5532, 5376, 5598, 5533, 5661, 5724, 5541, 5613, 5472, 5400, 5552, 5362, 5487, 5470 (2 hits)
4	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5448, 5352, 5548, 5567, 5436, 5300, 5409, 5547, 5344, 5264, 5262, 5373, 5430, 5566, 5433, 5401, 5665, 5600, 5313, 5333, 5274, 5345, 5707, 5454, 5636, 5570, 5473, 5629, 5293, 5628, 5435, 5667, 5660, 5392, 5674, 5364, 5470, 5601, 5455, 5320, 5382, 5350, 5461, 5346, 5705, 5258,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5462, 5700, 5324, 5678, 5417, 5399, 5587, 5675, 5306, 5250, 5683, 5592, 5292, 5519, 5422, 5453, 5428, 5553, 5438, 5697, 5469, 5466, 5573, 5606, 5521, 5424, 5651, 5652, 5445, 5684, 5378, 5298, 5619, 5254, 5284, 5387, 5395, 5591, 5552, 5429, 5637, 5689, 5396, 5411, 5590, 5634, 5577, 5331, 5645, 5270, 5596, 5397, 5361, 5710 (4 hits)
5	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5266, 5671, 5566, 5279, 5482, 5404, 5601, 5509, 5607, 5604, 5339, 5469, 5450, 5412, 5295, 5430, 5470, 5275, 5306, 5451, 5708, 5516, 5429, 5525, 5714, 5260, 5572, 5449, 5286, 5341, 5615, 5573, 5485, 5305, 5296, 5584, 5596, 5448, 5547, 5552, 5452, 5629, 5262, 5348, 5256, 5710, 5656, 5384, 5454, 5406, 5672, 5527, 5328, 5490, 5679, 5513, 5264, 5372, 5342, 5588, 5419, 5621, 5645, 5394, 5396, 5359, 5390, 5646, 5362, 5502, 5614, 5285, 5380, 5407, 5468, 5564, 5415, 5456, 5357, 5638, 5542, 5436, 5610, 5630, 5375, 5540, 5625, 5624, 5550, 5704, 5723, 5715, 5312, 5352, 5589, 5692, 5316, 5323, 5463, 5563 (3 hits)
6	9	1.0	333.0	Yes	5550.9MHz ,-64.0dBm	Hop sequence: 5598, 5272, 5428, 5305, 5418, 5285, 5590, 5596, 5282, 5434, 5644, 5346, 5587, 5444, 5501, 5500, 5370, 5662, 5527, 5359, 5496, 5634, 5608, 5420, 5570, 5610, 5705, 5332, 5357, 5708, 5632, 5381, 5353, 5443, 5561, 5614, 5683, 5396, 5620, 5379, 5528, 5517, 5283, 5441, 5719, 5474, 5502, 5525, 5264, 5725, 5358, 5407, 5411, 5499, 5365, 5506, 5532, 5367, 5253, 5343, 5467, 5387, 5350, 5507, 5306, 5298, 5681, 5698, 5257, 5265, 5565, 5471, 5491, 5613, 5432, 5344, 5326, 5459, 5307, 5545, 5593, 5372, 5578, 5280, 5286, 5270, 5689, 5621, 5580, 5401, 5603, 5311, 5677, 5333, 5256, 5633, 5624, 5278, 5498, 5554 (1 hits)
7	9	1.0	333.0	Yes	5551.9MHz ,-64.0dBm	Hop sequence: 5618, 5541, 5318, 5410, 5339, 5498, 5520, 5623, 5343, 5327, 5271, 5411, 5644, 5357, 5462, 5372, 5680, 5695, 5483, 5324, 5482, 5572, 5610, 5488, 5475, 5445, 5570, 5567, 5720, 5510, 5376, 5489, 5547, 5295, 5346, 5580, 5497, 5252, 5380, 5353, 5679, 5702, 5616, 5544, 5251, 5393, 5534, 5485, 5632, 5351, 5716, 5531, 5317, 5509, 5426, 5417, 5447, 5634, 5490, 5712, 5450, 5609, 5586, 5326, 5571, 5556, 5373, 5684, 5438, 5560, 5265, 5415, 5636, 5581, 5682, 5448, 5543, 5454, 5403, 5573, 5574, 5588, 5314, 5546, 5466, 5604, 5416, 5517, 5721, 5319, 5478, 5392, 5625, 5641, 5262, 5683, 5258, 5602, 5523, 5585 (2 hits)
8	9	1.0	333.0	Yes	5552.9MHz ,-64.0dBm	Hop sequence: 5638, 5447, 5641, 5570, 5285, 5289, 5600, 5295, 5623, 5520, 5474,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5522, 5342, 5680, 5421, 5319, 5579, 5490, 5377, 5489, 5704, 5601, 5545, 5619, 5452, 5395, 5640, 5673, 5529, 5404, 5455, 5275, 5612, 5459, 5345, 5647, 5523, 5481, 5594, 5676, 5466, 5357, 5713, 5337, 5655, 5370, 5333, 5353, 5631, 5630, 5348, 5429, 5445, 5543, 5597, 5515, 5262, 5689, 5707, 5326, 5635, 5653, 5424, 5533, 5649, 5571, 5301, 5494, 5657, 5330, 5725, 5287, 5563, 5715, 5564, 5512, 5411, 5534, 5431, 5308, 5604, 5632, 5311, 5621, 5493, 5616, 5336, 5321, 5491, 5688, 5402, 5586, 5502, 5440, 5460, 5361, 5266, 5637, 5380, 5552 (1 hits)
9	9	1.0	333.0	Yes	5553.9MHz ,-64.0dBm	Hop sequence: 5406, 5542, 5699, 5472, 5453, 5524, 5456, 5712, 5414, 5674, 5657, 5625, 5597, 5259, 5550, 5708, 5529, 5704, 5583, 5265, 5402, 5427, 5306, 5714, 5468, 5428, 5252, 5648, 5362, 5603, 5463, 5322, 5255, 5356, 5548, 5553, 5389, 5621, 5404, 5556, 5254, 5420, 5484, 5385, 5407, 5339, 5275, 5448, 5469, 5477, 5447, 5415, 5354, 5286, 5660, 5328, 5566, 5533, 5558, 5527, 5666, 5431, 5282, 5488, 5361, 5722, 5374, 5536, 5318, 5564, 5378, 5281, 5263, 5544, 5706, 5452, 5342, 5375, 5471, 5650, 5321, 5532, 5563, 5411, 5372, 5416, 5626, 5554, 5565, 5641, 5517, 5289, 5381, 5726, 5305, 5487, 5474, 5551, 5703, 5644 (5 hits)
10	9	1.0	333.0	Yes	5554.1MHz ,-64.0dBm	Hop sequence: 5688, 5490, 5293, 5681, 5684, 5648, 5548, 5646, 5402, 5531, 5591, 5363, 5519, 5694, 5346, 5380, 5645, 5308, 5625, 5418, 5280, 5724, 5450, 5543, 5558, 5687, 5349, 5462, 5264, 5343, 5710, 5565, 5253, 5715, 5538, 5317, 5341, 5318, 5360, 5435, 5494, 5483, 5651, 5670, 5439, 5312, 5507, 5510, 5605, 5285, 5289, 5523, 5382, 5582, 5619, 5617, 5447, 5263, 5534, 5511, 5644, 5398, 5495, 5386, 5550, 5334, 5711, 5261, 5276, 5592, 5281, 5434, 5428, 5257, 5569, 5337, 5383, 5634, 5658, 5560, 5345, 5701, 5675, 5638, 5369, 5468, 5372, 5552, 5277, 5351, 5680, 5378, 5709, 5298, 5553, 5659, 5393, 5661, 5456, 5452 (4 hits)
11	9	1.0	333.0	Yes	5545.9MHz ,-64.0dBm	Hop sequence: 5534, 5566, 5601, 5467, 5668, 5664, 5444, 5567, 5543, 5464, 5538, 5334, 5596, 5414, 5394, 5642, 5629, 5256, 5388, 5475, 5602, 5648, 5390, 5699, 5575, 5660, 5358, 5484, 5724, 5477, 5605, 5683, 5384, 5251, 5443, 5691, 5675, 5375, 5693, 5353, 5565, 5717, 5608, 5340, 5396, 5333, 5523, 5656, 5556, 5272, 5465, 5712, 5678, 5328, 5405, 5316, 5521, 5616, 5342, 5383, 5325, 5374, 5599, 5682, 5581, 5615, 5671, 5449, 5568, 5403, 5372, 5711, 5716, 5348, 5644, 5547, 5697, 5573, 5721, 5532, 5563,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5591, 5279, 5312, 5277, 5613, 5468, 5638, 5275, 5507, 5548, 5445, 5640, 5338, 5322, 5472, 5680, 5382, 5577, 5424 (2 hits)
12	9	1.0	333.0	Yes	5546.9MHz ,-64.0dBm	Hop sequence: 5275, 5629, 5609, 5318, 5449, 5659, 5714, 5518, 5674, 5566, 5385, 5657, 5293, 5254, 5561, 5475, 5430, 5355, 5476, 5274, 5669, 5340, 5460, 5608, 5306, 5428, 5578, 5297, 5545, 5295, 5531, 5507, 5587, 5583, 5639, 5292, 5416, 5283, 5513, 5579, 5257, 5574, 5509, 5334, 5426, 5471, 5266, 5693, 5351, 5506, 5662, 5280, 5448, 5633, 5673, 5342, 5593, 5617, 5663, 5325, 5628, 5348, 5279, 5282, 5612, 5691, 5418, 5528, 5572, 5677, 5287, 5576, 5650, 5299, 5569, 5447, 5725, 5585, 5453, 5286, 5312, 5626, 5353, 5327, 5717, 5350, 5260, 5536, 5405, 5433, 5368, 5534, 5606, 5397, 5581, 5521, 5646, 5511, 5335, 5548 (1 hits)
13	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5572, 5470, 5360, 5355, 5708, 5560, 5660, 5274, 5466, 5476, 5431, 5605, 5484, 5556, 5258, 5315, 5405, 5650, 5500, 5614, 5697, 5259, 5407, 5667, 5398, 5689, 5569, 5261, 5473, 5617, 5588, 5426, 5680, 5408, 5331, 5425, 5447, 5377, 5488, 5563, 5661, 5385, 5624, 5642, 5545, 5518, 5613, 5533, 5335, 5725, 5297, 5428, 5324, 5620, 5666, 5711, 5358, 5595, 5369, 5435, 5307, 5298, 5276, 5411, 5698, 5376, 5712, 5645, 5345, 5463, 5260, 5707, 5641, 5406, 5647, 5438, 5566, 5568, 5577, 5699, 5464, 5684, 5609, 5536, 5472, 5529, 5479, 5495, 5496, 5389, 5375, 5339, 5302, 5436, 5328, 5458, 5653, 5482, 5287, 5550 (1 hits)
14	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5447, 5623, 5312, 5644, 5539, 5627, 5424, 5628, 5697, 5563, 5708, 5525, 5624, 5327, 5556, 5408, 5476, 5330, 5439, 5553, 5335, 5686, 5546, 5683, 5717, 5469, 5425, 5307, 5318, 5443, 5345, 5277, 5329, 5365, 5466, 5491, 5661, 5395, 5699, 5454, 5625, 5604, 5262, 5676, 5681, 5388, 5552, 5590, 5289, 5567, 5618, 5582, 5540, 5560, 5493, 5583, 5427, 5463, 5639, 5494, 5565, 5669, 5325, 5436, 5324, 5579, 5285, 5490, 5254, 5297, 5479, 5433, 5302, 5294, 5370, 5376, 5575, 5369, 5705, 5621, 5287, 5301, 5340, 5534, 5544, 5702, 5722, 5257, 5572, 5691, 5350, 5716, 5633, 5492, 5489, 5554, 5305, 5366, 5645, 5663 (4 hits)
15	9	1.0	333.0	No	5549.9MHz ,-64.0dBm	Hop sequence: 5516, 5318, 5376, 5669, 5383, 5658, 5305, 5421, 5257, 5459, 5280, 5466, 5527, 5367, 5673, 5708, 5281, 5683, 5631, 5381, 5702, 5415, 5679, 5481, 5638, 5648, 5586, 5705, 5592, 5271, 5291, 5522, 5482, 5720, 5473, 5460, 5279, 5531, 5655, 5693, 5372, 5576, 5362, 5533, 5404, 5554,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5255, 5266, 5540, 5646, 5374, 5497, 5289, 5450, 5472, 5659, 5322, 5301, 5371, 5537, 5604, 5689, 5707, 5423, 5288, 5639, 5390, 5300, 5510, 5352, 5444, 5495, 5392, 5407, 5580, 5722, 5471, 5270, 5417, 5651, 5557, 5508, 5625, 5354, 5601, 5560, 5688, 5634, 5484, 5302, 5325, 5319, 5528, 5632, 5573, 5335, 5530, 5558, 5262, 5724 (1 hits)
16	9	1.0	333.0	No	5550.9MHz ,-64.0dBm	Hop sequence: 5329, 5656, 5343, 5708, 5413, 5393, 5559, 5383, 5685, 5667, 5653, 5348, 5527, 5443, 5680, 5259, 5725, 5511, 5460, 5314, 5610, 5432, 5458, 5711, 5570, 5324, 5425, 5415, 5400, 5707, 5556, 5370, 5560, 5438, 5569, 5719, 5353, 5697, 5690, 5710, 5282, 5444, 5327, 5549, 5632, 5572, 5251, 5633, 5278, 5286, 5439, 5541, 5490, 5462, 5642, 5362, 5452, 5579, 5287, 5276, 5410, 5271, 5406, 5367, 5256, 5456, 5531, 5349, 5390, 5273, 5340, 5303, 5647, 5268, 5576, 5627, 5603, 5571, 5418, 5431, 5326, 5401, 5693, 5404, 5376, 5513, 5250, 5313, 5535, 5378, 5470, 5345, 5652, 5309, 5388, 5598, 5465, 5692, 5436, 5408 (1 hits)
17	9	1.0	333.0	No	5551.9MHz ,-64.0dBm	Hop sequence: 5672, 5444, 5585, 5716, 5659, 5644, 5415, 5467, 5447, 5260, 5394, 5441, 5257, 5318, 5431, 5675, 5717, 5548, 5663, 5629, 5639, 5610, 5411, 5370, 5274, 5278, 5670, 5514, 5687, 5640, 5617, 5723, 5356, 5485, 5491, 5427, 5366, 5656, 5570, 5459, 5679, 5593, 5398, 5521, 5266, 5587, 5302, 5346, 5531, 5309, 5296, 5349, 5569, 5567, 5498, 5329, 5264, 5453, 5559, 5602, 5408, 5614, 5377, 5719, 5359, 5306, 5661, 5347, 5660, 5433, 5538, 5475, 5355, 5503, 5596, 5374, 5618, 5674, 5429, 5572, 5573, 5481, 5357, 5436, 5381, 5508, 5555, 5304, 5677, 5367, 5378, 5494, 5285, 5406, 5371, 5692, 5535, 5388, 5352, 5412 (1 hits)
18	9	1.0	333.0	Yes	5552.9MHz ,-64.0dBm	Hop sequence: 5689, 5395, 5503, 5458, 5354, 5300, 5408, 5434, 5375, 5616, 5391, 5382, 5403, 5417, 5583, 5707, 5684, 5387, 5724, 5464, 5720, 5647, 5555, 5522, 5388, 5279, 5262, 5320, 5406, 5557, 5641, 5505, 5312, 5374, 5453, 5459, 5640, 5381, 5669, 5525, 5626, 5711, 5506, 5665, 5298, 5686, 5668, 5510, 5270, 5676, 5452, 5623, 5594, 5512, 5581, 5442, 5303, 5273, 5490, 5549, 5613, 5601, 5448, 5456, 5263, 5529, 5451, 5378, 5655, 5545, 5278, 5516, 5443, 5523, 5520, 5466, 5558, 5409, 5477, 5651, 5260, 5658, 5678, 5370, 5537, 5422, 5667, 5324, 5479, 5420, 5439, 5398, 5396, 5468, 5426, 5412, 5654, 5716, 5368, 5722 (1 hits)
19	9	1.0	333.0	Yes	5553.9MHz ,-64.0dBm	Hop sequence: 5664, 5366, 5624, 5495, 5394, 5676, 5677, 5418, 5450, 5433, 5329,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5369, 5503, 5685, 5289, 5622, 5720, 5312, 5649, 5704, 5523, 5290, 5690, 5358, 5250, 5318, 5330, 5341, 5530, 5440, 5549, 5453, 5545, 5518, 5598, 5326, 5255, 5332, 5425, 5359, 5533, 5277, 5528, 5494, 5592, 5356, 5489, 5252, 5364, 5274, 5305, 5497, 5713, 5284, 5633, 5321, 5535, 5595, 5558, 5462, 5355, 5406, 5716, 5623, 5621, 5414, 5695, 5698, 5403, 5382, 5410, 5367, 5258, 5480, 5434, 5615, 5699, 5675, 5539, 5316, 5596, 5349, 5564, 5423, 5310, 5264, 5368, 5576, 5388, 5442, 5328, 5347, 5444, 5707, 5655, 5640, 5505, 5642, 5550, 5399 (2 hits)
20	9	1.0	333.0	No	5554.1MHz ,-64.0dBm	Hop sequence: 5560, 5565, 5504, 5648, 5640, 5426, 5701, 5302, 5358, 5673, 5327, 5544, 5685, 5294, 5322, 5512, 5345, 5590, 5601, 5372, 5696, 5538, 5624, 5255, 5683, 5677, 5421, 5634, 5593, 5270, 5605, 5708, 5419, 5285, 5375, 5524, 5341, 5625, 5455, 5642, 5617, 5370, 5444, 5344, 5654, 5334, 5508, 5502, 5431, 5394, 5671, 5723, 5518, 5681, 5580, 5316, 5716, 5276, 5546, 5307, 5477, 5417, 5515, 5531, 5415, 5600, 5615, 5532, 5517, 5583, 5339, 5286, 5420, 5271, 5362, 5597, 5487, 5357, 5323, 5259, 5660, 5657, 5275, 5482, 5706, 5686, 5335, 5363, 5296, 5459, 5483, 5594, 5510, 5629, 5558, 5511, 5389, 5430, 5354, 5623 (1 hits)
21	9	1.0	333.0	Yes	5545.9MHz ,-64.0dBm	Hop sequence: 5582, 5618, 5381, 5682, 5352, 5264, 5351, 5538, 5400, 5545, 5291, 5726, 5410, 5296, 5692, 5258, 5675, 5541, 5700, 5518, 5419, 5297, 5509, 5654, 5477, 5709, 5631, 5613, 5413, 5418, 5436, 5268, 5479, 5416, 5533, 5615, 5384, 5630, 5398, 5489, 5523, 5640, 5432, 5679, 5578, 5683, 5510, 5537, 5485, 5680, 5394, 5442, 5362, 5606, 5566, 5688, 5346, 5638, 5557, 5659, 5356, 5313, 5685, 5251, 5708, 5652, 5348, 5620, 5525, 5321, 5604, 5407, 5601, 5594, 5673, 5285, 5300, 5499, 5420, 5712, 5469, 5307, 5555, 5433, 5614, 5281, 5471, 5330, 5544, 5460, 5414, 5571, 5643, 5595, 5425, 5636, 5272, 5632, 5458, 5549 (1 hits)
22	9	1.0	333.0	Yes	5546.9MHz ,-64.0dBm	Hop sequence: 5663, 5442, 5477, 5392, 5725, 5549, 5540, 5574, 5451, 5669, 5429, 5253, 5297, 5584, 5546, 5263, 5343, 5342, 5640, 5579, 5483, 5425, 5623, 5409, 5619, 5408, 5633, 5385, 5627, 5692, 5365, 5266, 5380, 5293, 5567, 5696, 5674, 5557, 5412, 5655, 5671, 5371, 5410, 5721, 5694, 5480, 5666, 5336, 5469, 5430, 5471, 5634, 5630, 5399, 5595, 5374, 5496, 5523, 5384, 5445, 5375, 5439, 5641, 5528, 5421, 5564, 5486, 5598, 5422, 5298, 5559, 5458, 5389, 5446, 5381, 5713, 5362, 5650, 5591, 5715, 5589,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5601, 5449, 5587, 5613, 5670, 5460, 5635, 5503, 5651, 5428, 5256, 5355, 5537, 5705, 5558, 5415, 5677, 5675, 5590 (2 hits)
23	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5395, 5677, 5657, 5539, 5695, 5514, 5290, 5642, 5276, 5484, 5524, 5608, 5498, 5576, 5463, 5683, 5373, 5408, 5645, 5447, 5636, 5563, 5562, 5588, 5454, 5583, 5258, 5449, 5349, 5461, 5322, 5424, 5543, 5483, 5369, 5505, 5275, 5270, 5313, 5422, 5486, 5718, 5254, 5663, 5494, 5621, 5627, 5630, 5561, 5398, 5416, 5343, 5616, 5250, 5386, 5364, 5481, 5489, 5446, 5308, 5635, 5659, 5681, 5437, 5696, 5538, 5432, 5409, 5381, 5471, 5404, 5317, 5641, 5632, 5262, 5691, 5496, 5570, 5410, 5434, 5678, 5710, 5512, 5658, 5568, 5669, 5648, 5509, 5480, 5724, 5329, 5475, 5598, 5712, 5431, 5460, 5375, 5606, 5366, 5548 (1 hits)
24	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5425, 5514, 5505, 5616, 5300, 5466, 5527, 5329, 5483, 5433, 5271, 5502, 5627, 5384, 5496, 5642, 5513, 5319, 5528, 5599, 5536, 5356, 5635, 5717, 5575, 5303, 5482, 5593, 5477, 5387, 5685, 5546, 5574, 5323, 5438, 5318, 5558, 5252, 5314, 5385, 5447, 5430, 5460, 5692, 5540, 5344, 5699, 5548, 5487, 5439, 5506, 5701, 5375, 5534, 5670, 5608, 5686, 5716, 5580, 5491, 5391, 5577, 5666, 5469, 5371, 5336, 5427, 5637, 5668, 5263, 5565, 5274, 5395, 5624, 5589, 5360, 5590, 5646, 5422, 5470, 5560, 5622, 5672, 5677, 5320, 5298, 5584, 5550, 5473, 5688, 5291, 5718, 5465, 5501, 5602, 5288, 5383, 5605, 5639, 5509 (3 hits)
25	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5715, 5595, 5529, 5536, 5517, 5423, 5260, 5256, 5441, 5501, 5483, 5383, 5448, 5470, 5707, 5283, 5633, 5275, 5400, 5661, 5463, 5480, 5419, 5412, 5340, 5662, 5301, 5300, 5329, 5319, 5546, 5673, 5611, 5643, 5565, 5286, 5695, 5684, 5598, 5376, 5455, 5489, 5262, 5616, 5686, 5430, 5648, 5307, 5323, 5547, 5708, 5368, 5499, 5571, 5485, 5689, 5676, 5270, 5513, 5539, 5508, 5298, 5353, 5410, 5472, 5670, 5561, 5356, 5490, 5468, 5632, 5311, 5458, 5352, 5528, 5389, 5604, 5327, 5281, 5554, 5577, 5639, 5545, 5406, 5699, 5271, 5548, 5622, 5493, 5391, 5690, 5664, 5387, 5379, 5427, 5335, 5261, 5553, 5358, 5510 (5 hits)
26	9	1.0	333.0	No	5550.9MHz ,-64.0dBm	Hop sequence: 5308, 5718, 5450, 5567, 5456, 5522, 5624, 5509, 5449, 5306, 5604, 5561, 5724, 5390, 5583, 5381, 5424, 5405, 5426, 5485, 5353, 5373, 5325, 5471, 5637, 5505, 5284, 5425, 5714, 5562, 5517, 5463, 5370, 5545, 5269, 5440, 5500, 5662, 5352, 5591, 5641, 5723, 5620, 5256, 5479, 5413,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5319, 5582, 5351, 5506, 5657, 5465, 5630, 5712, 5699, 5455, 5433, 5537, 5651, 5585, 5307, 5648, 5304, 5377, 5504, 5629, 5664, 5600, 5478, 5616, 5547, 5459, 5693, 5596, 5645, 5670, 5634, 5393, 5633, 5263, 5538, 5348, 5575, 5706, 5265, 5708, 5556, 5460, 5611, 5461, 5523, 5536, 5419, 5573, 5380, 5327, 5663, 5498, 5555, 5323 (1 hits)
27	9	1.0	333.0	Yes	5551.9MHz ,-64.0dBm	Hop sequence: 5560, 5338, 5505, 5628, 5725, 5419, 5574, 5345, 5394, 5537, 5515, 5301, 5519, 5412, 5431, 5299, 5342, 5453, 5399, 5441, 5677, 5484, 5449, 5556, 5258, 5307, 5634, 5496, 5611, 5662, 5645, 5420, 5451, 5408, 5633, 5700, 5657, 5384, 5328, 5717, 5600, 5336, 5563, 5557, 5568, 5440, 5601, 5282, 5606, 5572, 5584, 5436, 5671, 5278, 5567, 5485, 5594, 5491, 5706, 5709, 5654, 5349, 5649, 5670, 5478, 5712, 5469, 5518, 5562, 5405, 5673, 5543, 5580, 5695, 5615, 5646, 5705, 5443, 5520, 5588, 5317, 5276, 5539, 5701, 5425, 5699, 5509, 5685, 5475, 5586, 5319, 5312, 5432, 5413, 5696, 5429, 5617, 5280, 5456, 5554 (1 hits)
28	9	1.0	333.0	Yes	5552.9MHz ,-64.0dBm	Hop sequence: 5716, 5263, 5452, 5497, 5602, 5428, 5442, 5461, 5645, 5379, 5417, 5305, 5622, 5711, 5718, 5345, 5482, 5383, 5567, 5447, 5561, 5675, 5654, 5370, 5253, 5533, 5445, 5493, 5393, 5416, 5333, 5721, 5527, 5492, 5545, 5282, 5363, 5348, 5668, 5310, 5414, 5560, 5339, 5511, 5720, 5494, 5670, 5371, 5671, 5463, 5500, 5369, 5388, 5709, 5676, 5570, 5281, 5327, 5372, 5611, 5633, 5303, 5256, 5504, 5265, 5307, 5637, 5453, 5571, 5419, 5639, 5427, 5606, 5717, 5450, 5681, 5261, 5278, 5697, 5674, 5364, 5597, 5433, 5628, 5682, 5267, 5315, 5398, 5643, 5685, 5574, 5423, 5277, 5655, 5664, 5589, 5272, 5523, 5389, 5549 (1 hits)
29	9	1.0	333.0	Yes	5553.9MHz ,-64.0dBm	Hop sequence: 5306, 5516, 5696, 5425, 5447, 5333, 5703, 5707, 5583, 5309, 5633, 5576, 5475, 5723, 5339, 5293, 5430, 5431, 5368, 5561, 5677, 5535, 5656, 5574, 5338, 5485, 5549, 5355, 5565, 5400, 5631, 5471, 5422, 5660, 5566, 5266, 5548, 5321, 5686, 5563, 5669, 5675, 5319, 5635, 5460, 5478, 5688, 5481, 5638, 5668, 5461, 5571, 5578, 5650, 5397, 5479, 5406, 5658, 5371, 5651, 5648, 5350, 5472, 5518, 5473, 5378, 5533, 5629, 5573, 5708, 5605, 5358, 5575, 5427, 5328, 5260, 5585, 5383, 5454, 5412, 5505, 5697, 5546, 5543, 5448, 5625, 5659, 5591, 5393, 5287, 5671, 5553, 5556, 5664, 5443, 5336, 5611, 5373, 5560, 5335 (4 hits)
30	9	1.0	333.0	Yes	5554.1MHz ,-64.0dBm	Hop sequence: 5369, 5621, 5438, 5645, 5427, 5682, 5674, 5368, 5314, 5527, 5261,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5651, 5431, 5450, 5379, 5526, 5613, 5275, 5256, 5647, 5422, 5722, 5507, 5600, 5710, 5280, 5514, 5508, 5484, 5521, 5415, 5315, 5293, 5636, 5409, 5251, 5629, 5509, 5718, 5250, 5619, 5717, 5301, 5564, 5719, 5419, 5328, 5449, 5371, 5414, 5532, 5640, 5691, 5705, 5437, 5656, 5528, 5485, 5333, 5378, 5336, 5287, 5420, 5546, 5597, 5375, 5389, 5327, 5692, 5672, 5345, 5447, 5726, 5620, 5659, 5697, 5440, 5392, 5329, 5410, 5696, 5585, 5670, 5561, 5346, 5557, 5349, 5331, 5330, 5497, 5632, 5559, 5429, 5351, 5262, 5467, 5618, 5263, 5358, 5393 (1 hits)
31	9	1.0	333.0	Yes	5545.9MHz ,-64.0dBm	Hop sequence: 5510, 5451, 5300, 5441, 5720, 5571, 5334, 5452, 5545, 5404, 5420, 5555, 5280, 5403, 5272, 5483, 5322, 5255, 5410, 5377, 5270, 5268, 5453, 5517, 5313, 5522, 5396, 5437, 5421, 5339, 5584, 5531, 5443, 5693, 5668, 5605, 5419, 5652, 5667, 5550, 5378, 5399, 5285, 5539, 5589, 5312, 5722, 5554, 5427, 5631, 5573, 5702, 5511, 5706, 5577, 5278, 5553, 5518, 5565, 5408, 5406, 5500, 5415, 5696, 5627, 5621, 5673, 5725, 5681, 5346, 5694, 5310, 5493, 5414, 5656, 5682, 5397, 5671, 5629, 5425, 5463, 5306, 5547, 5620, 5328, 5512, 5350, 5646, 5316, 5582, 5288, 5405, 5353, 5669, 5623, 5601, 5279, 5375, 5602, 5606 (4 hits)
32	9	1.0	333.0	Yes	5546.9MHz ,-64.0dBm	Hop sequence: 5368, 5676, 5567, 5687, 5512, 5652, 5429, 5337, 5396, 5339, 5484, 5682, 5393, 5515, 5404, 5272, 5505, 5309, 5725, 5320, 5254, 5370, 5494, 5333, 5608, 5671, 5633, 5622, 5561, 5554, 5344, 5468, 5653, 5376, 5719, 5709, 5479, 5447, 5305, 5460, 5317, 5541, 5342, 5718, 5669, 5644, 5280, 5674, 5495, 5714, 5640, 5412, 5332, 5292, 5639, 5713, 5542, 5690, 5598, 5502, 5649, 5270, 5672, 5549, 5313, 5534, 5347, 5606, 5408, 5635, 5557, 5448, 5390, 5407, 5660, 5629, 5645, 5701, 5345, 5496, 5517, 5710, 5274, 5389, 5440, 5411, 5335, 5523, 5472, 5602, 5614, 5324, 5394, 5703, 5485, 5422, 5269, 5563, 5506, 5651 (2 hits)
33	9	1.0	333.0	Yes	5547.9MHz ,-64.0dBm	Hop sequence: 5455, 5519, 5666, 5562, 5602, 5525, 5445, 5701, 5518, 5703, 5486, 5653, 5581, 5367, 5347, 5459, 5250, 5328, 5508, 5539, 5473, 5559, 5566, 5268, 5574, 5502, 5500, 5587, 5640, 5365, 5641, 5515, 5409, 5368, 5355, 5623, 5436, 5654, 5663, 5583, 5407, 5403, 5662, 5363, 5438, 5354, 5577, 5591, 5336, 5433, 5537, 5564, 5718, 5720, 5483, 5699, 5376, 5348, 5342, 5594, 5399, 5550, 5410, 5290, 5423, 5490, 5725, 5393, 5366, 5544, 5388, 5431, 5545, 5263, 5345, 5400, 5456, 5656, 5351, 5434, 5361,

Table 60 - FCC frequency hopping radar (Type 6) Results 10 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5406, 5479, 5339, 5457, 5556, 5468, 5306, 5604, 5642, 5650, 5710, 5560, 5437, 5647, 5447, 5506, 5362, 5607, 5462 (1 hits)
34	9	1.0	333.0	Yes	5548.9MHz ,-64.0dBm	Hop sequence: 5466, 5543, 5477, 5588, 5252, 5285, 5453, 5424, 5354, 5668, 5546, 5435, 5426, 5437, 5512, 5699, 5443, 5473, 5414, 5368, 5388, 5486, 5529, 5652, 5584, 5374, 5721, 5405, 5522, 5521, 5447, 5432, 5537, 5392, 5503, 5517, 5403, 5382, 5279, 5528, 5628, 5569, 5334, 5364, 5273, 5263, 5444, 5638, 5655, 5433, 5680, 5353, 5575, 5400, 5509, 5457, 5508, 5632, 5654, 5335, 5295, 5492, 5344, 5357, 5266, 5286, 5253, 5706, 5568, 5565, 5396, 5718, 5419, 5605, 5548, 5278, 5518, 5302, 5359, 5690, 5460, 5270, 5463, 5506, 5714, 5535, 5318, 5618, 5315, 5573, 5493, 5598, 5570, 5534, 5639, 5673, 5422, 5303, 5536, 5362 (2 hits)
35	9	1.0	333.0	Yes	5549.9MHz ,-64.0dBm	Hop sequence: 5293, 5441, 5554, 5292, 5606, 5700, 5360, 5499, 5658, 5661, 5391, 5607, 5530, 5478, 5625, 5349, 5361, 5507, 5602, 5304, 5449, 5437, 5705, 5545, 5624, 5330, 5653, 5466, 5510, 5498, 5348, 5584, 5260, 5393, 5501, 5428, 5380, 5423, 5599, 5539, 5600, 5569, 5296, 5666, 5386, 5474, 5577, 5710, 5598, 5409, 5702, 5636, 5323, 5583, 5612, 5290, 5574, 5332, 5266, 5477, 5424, 5595, 5294, 5571, 5482, 5262, 5271, 5496, 5284, 5512, 5462, 5520, 5475, 5392, 5514, 5617, 5561, 5588, 5565, 5632, 5381, 5691, 5655, 5273, 5715, 5366, 5634, 5268, 5535, 5329, 5494, 5493, 5663, 5717, 5560, 5519, 5370, 5384, 5720, 5568 (1 hits)
36	9	1.0	333.0	No	5550.9MHz ,-64.0dBm	Hop sequence: 5545, 5307, 5441, 5679, 5673, 5373, 5321, 5568, 5663, 5725, 5287, 5366, 5386, 5717, 5686, 5492, 5509, 5720, 5605, 5572, 5498, 5676, 5353, 5584, 5410, 5678, 5302, 5407, 5535, 5348, 5507, 5491, 5554, 5577, 5511, 5566, 5674, 5558, 5618, 5365, 5516, 5358, 5411, 5499, 5361, 5403, 5387, 5650, 5672, 5442, 5670, 5470, 5586, 5721, 5632, 5444, 5270, 5278, 5697, 5493, 5319, 5540, 5259, 5555, 5345, 5504, 5579, 5620, 5472, 5525, 5527, 5388, 5382, 5682, 5528, 5261, 5594, 5616, 5331, 5530, 5466, 5253, 5423, 5376, 5599, 5465, 5706, 5257, 5399, 5600, 5369, 5541, 5564, 5251, 5434, 5263, 5694, 5301, 5630, 5514 (1 hits)

Table 61 - FCC Long Pulse Radar (Type 5) Waveform Summary		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level

Table 61 - FCC Long Pulse Radar (Type 5) Waveform Summary		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5550.0MHz,-64.0dBm
Trial #2	Detected	5550.0MHz,-64.0dBm
Trial #3	Detected	5550.0MHz,-64.0dBm
Trial #4	Detected	5550.0MHz,-64.0dBm
Trial #5	Detected	5550.0MHz,-64.0dBm
Trial #6	Detected	5550.0MHz,-64.0dBm
Trial #7	Detected	5550.0MHz,-64.0dBm
Trial #8	Detected	5550.0MHz,-64.0dBm
Trial #9	Detected	5550.0MHz,-64.0dBm
Trial #10	Detected	5550.0MHz,-64.0dBm
Trial #11	Detected	5550.2MHz,-64.0dBm
Trial #12	Detected	5552.6MHz,-64.0dBm
Trial #13	Detected	5553.1MHz,-64.0dBm
Trial #14	Detected	5549.9MHz,-64.0dBm
Trial #15	Detected	5550.2MHz,-64.0dBm
Trial #16	Detected	5552.2MHz,-64.0dBm
Trial #17	Detected	5550.6MHz,-64.0dBm
Trial #18	Detected	5550.6MHz,-64.0dBm
Trial #19	Detected	5550.6MHz,-64.0dBm
Trial #20	Detected	5550.6MHz,-64.0dBm
Trial #21	Detected	5547.4MHz,-64.0dBm
Trial #22	Detected	5551.8MHz,-64.0dBm
Trial #23	Detected	5548.6MHz,-64.0dBm
Trial #24	Detected	5548.9MHz,-64.0dBm
Trial #25	Detected	5551.8MHz,-64.0dBm
Trial #26	Detected	5549.8MHz,-64.0dBm
Trial #27	Detected	5550.1MHz,-64.0dBm
Trial #28	Detected	5546.1MHz,-64.0dBm
Trial #29	Detected	5547.8MHz,-64.0dBm
Trial #30	Detected	5548.1MHz,-64.0dBm

Table 62 - FCC Long Pulse Radar (Type 5) Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.7	11	1597.0	-	0.130651
2	2	72.9	11	1421.0	-	1.533364
3	1	73.3	11	-	-	2.356715
4	2	72.7	11	1188.0	-	3.297941
5	2	79.3	11	1755.0	-	4.287424
6	1	87.4	11	-	-	4.968228
7	2	78.2	11	1729.0	-	6.163619
8	2	80.3	11	1541.0	-	7.005433
9	2	50.3	11	1879.0	-	8.223319
10	1	72.6	11	-	-	8.341635
11	1	95.9	11	-	-	9.753070
12	1	54.6	11	-	-	10.448319
13	2	50.7	11	1297.0	-	11.595585

Table 63 - FCC Long Pulse Radar (Type 5) Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	67.1	10	1068.0	1865.0	0.278293
2	2	75.0	10	1216.0	-	0.804910
3	2	72.5	10	1883.0	-	1.353389
4	3	55.4	10	1264.0	1899.0	2.529010
5	3	69.5	10	1247.0	1341.0	3.315930
6	2	87.1	10	1734.0	-	3.689597
7	2	56.5	10	1546.0	-	4.120534
8	3	65.3	10	1899.0	1110.0	5.120356
9	2	53.3	10	1821.0	-	5.531085
10	1	99.2	10	-	-	6.285399
11	2	74.5	10	1565.0	-	6.705624
12	1	92.3	10	-	-	7.798252
13	1	95.8	10	-	-	8.623979
14	2	92.5	10	1714.0	-	9.147951
15	2	91.8	10	1144.0	-	9.955832
16	2	89.1	10	1467.0	-	10.654275
17	1	93.8	10	-	-	10.950534
18	1	64.9	10	-	-	11.436012

Table 64 - FCC Long Pulse Radar (Type 5) Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.9	18	1684.0	-	0.327073
2	3	63.0	18	1959.0	1458.0	0.880148
3	1	78.5	18	-	-	2.149935
4	2	59.0	18	1872.0	-	2.594752
5	2	62.5	18	1591.0	-	3.677342
6	1	95.7	18	-	-	3.809661
7	1	79.2	18	-	-	4.929405
8	1	88.6	18	-	-	5.675547
9	3	69.9	18	1584.0	1721.0	6.146613
10	2	58.5	18	1227.0	-	7.252525
11	2	92.8	18	1816.0	-	8.152755
12	1	88.1	18	-	-	8.557000
13	2	72.3	18	1856.0	-	9.337699
14	3	66.1	18	1598.0	1952.0	9.864988
15	3	53.8	18	1910.0	1821.0	10.566971
16	2	55.1	18	1709.0	-	11.898755

Table 65 - FCC Long Pulse Radar (Type 5) Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.3	16	1493.0	-	0.017235
2	2	53.5	16	1458.0	-	2.522780
3	3	60.2	16	1052.0	1676.0	3.447736
4	1	75.6	16	-	-	4.057103
5	3	83.3	16	1801.0	1760.0	5.497118
6	2	72.3	16	1421.0	-	7.416999
7	2	94.3	16	1387.0	-	8.220794
8	2	53.6	16	1547.0	-	10.004271
9	2	86.6	16	1784.0	-	11.266527

Table 66 - FCC Long Pulse Radar (Type 5) Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	85.4	9	1541.0	1298.0	0.058365
2	2	98.1	9	1225.0	-	1.189504
3	2	68.4	9	1526.0	-	1.465375
4	2	60.3	9	1338.0	-	2.001392
5	2	71.0	9	1333.0	-	2.669949
6	3	77.7	9	1647.0	1162.0	3.480063
7	3	79.7	9	1106.0	1711.0	4.323466
8	1	69.4	9	-	-	5.038282
9	2	80.3	9	1102.0	-	5.377616
10	2	62.8	9	1890.0	-	6.547005
11	2	76.1	9	1734.0	-	7.027309
12	3	52.1	9	1689.0	1246.0	7.939245
13	2	64.3	9	1987.0	-	8.357409
14	2	66.5	9	1738.0	-	8.840932
15	1	82.1	9	-	-	9.737739
16	2	51.7	9	1834.0	-	10.110340
17	2	55.5	9	1353.0	-	11.259639
18	2	60.1	9	1204.0	-	11.651322

Table 67 - FCC Long Pulse Radar (Type 5) Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	90.2	15	1538.0	1296.0	0.600829
2	3	90.3	15	1021.0	1674.0	1.048493
3	3	88.7	15	1992.0	1339.0	1.812939
4	2	83.2	15	1339.0	-	2.886139
5	3	95.1	15	1771.0	1283.0	3.665680
6	2	57.1	15	1909.0	-	4.118158
7	2	71.5	15	1761.0	-	5.339226
8	2	55.8	15	1361.0	-	5.948206
9	3	71.9	15	1350.0	1001.0	7.090948
10	2	93.3	15	1897.0	-	7.785952
11	2	97.3	15	1831.0	-	8.086671
12	2	86.3	15	1490.0	-	9.565684
13	2	74.8	15	1909.0	-	9.810348
14	3	67.4	15	1030.0	1791.0	11.006331
15	3	61.8	15	1864.0	1982.0	11.229107

Table 68 - FCC Long Pulse Radar (Type 5) Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.6	15	1294.0	1948.0	0.564639
2	2	50.8	15	1174.0	-	1.855893
3	3	70.6	15	1287.0	1083.0	2.583627
4	3	79.0	15	1181.0	1091.0	3.573936
5	3	60.9	15	1573.0	1197.0	4.206991
6	3	71.0	15	1672.0	1827.0	5.708062
7	2	53.6	15	1122.0	-	6.511372
8	2	54.9	15	1087.0	-	7.014792
9	2	83.5	15	1396.0	-	8.645184
10	1	91.5	15	-	-	9.586546
11	2	80.3	15	1304.0	-	10.971005
12	2	69.4	15	1231.0	-	11.529863

Table 69 - FCC Long Pulse Radar (Type 5) Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.7	19	1075.0	-	0.753309
2	3	68.9	19	1518.0	1743.0	2.105031
3	1	65.6	19	-	-	2.574889
4	2	84.4	19	1378.0	-	3.905736
5	2	74.9	19	1628.0	-	4.785842
6	2	70.7	19	1843.0	-	5.724754
7	2	89.9	19	1722.0	-	6.905358
8	1	75.9	19	-	-	8.008058
9	2	73.0	19	1222.0	-	9.231141
10	3	55.9	19	1212.0	1820.0	10.683284
11	2	79.0	19	1219.0	-	11.685709

Table 70 - FCC Long Pulse Radar (Type 5) Waveform Trial#9 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.6	7	1342.0	-	0.814644
2	2	93.3	7	1106.0	-	1.470541
3	3	69.1	7	1072.0	1380.0	2.077804
4	2	77.3	7	1094.0	-	2.833872
5	1	81.0	7	-	-	4.119480
6	2	55.3	7	1981.0	-	5.417146
7	1	83.6	7	-	-	6.119825
8	2	55.4	7	1464.0	-	7.014144
9	1	91.4	7	-	-	8.281965
10	2	53.3	7	1261.0	-	8.308000
11	2	62.2	7	1220.0	-	9.287467
12	2	67.5	7	1869.0	-	10.977099
13	1	84.0	7	-	-	11.442583

Table 71 - FCC Long Pulse Radar (Type 5) Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.7	11	1184.0	-	0.301361
2	3	88.7	11	1412.0	1474.0	1.566023
3	2	87.3	11	1603.0	-	3.482435
4	2	61.0	11	1035.0	-	3.938049
5	1	90.4	11	-	-	5.819127
6	3	85.4	11	1378.0	1001.0	6.961123
7	2	87.2	11	1005.0	-	7.331595
8	3	56.9	11	1420.0	1134.0	8.936498
9	3	73.5	11	1727.0	1164.0	10.044334
10	3	96.1	11	1055.0	1278.0	10.956534

Table 72 - FCC Long Pulse Radar (Type 5) Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	69.9	11	-	-	0.662051
2	1	88.7	11	-	-	1.963223
3	3	62.3	11	1022.0	1001.0	2.503631
4	2	64.4	11	1164.0	-	3.677019
5	2	64.5	11	1042.0	-	4.564417
6	2	98.9	11	1703.0	-	5.662448
7	3	61.8	11	1033.0	1286.0	6.569517
8	2	78.2	11	1547.0	-	7.444769
9	3	70.8	11	1229.0	1253.0	8.450525
10	3	91.3	11	1561.0	1233.0	9.104594
11	3	63.4	11	1971.0	1632.0	10.730680
12	1	71.5	11	-	-	11.252793

Table 73 - FCC Long Pulse Radar (Type 5) Waveform Trial#12 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.9	17	1932.0	-	0.833202
2	3	95.6	17	1734.0	1102.0	1.657349
3	3	60.8	17	1907.0	1397.0	2.369285
4	1	69.7	17	-	-	3.384079
5	1	81.5	17	-	-	4.522281
6	3	78.9	17	1232.0	1218.0	5.014447
7	2	83.1	17	1322.0	-	6.073531
8	2	87.1	17	1260.0	-	7.012088
9	1	62.7	17	-	-	8.206397
10	1	92.4	17	-	-	8.671714
11	2	91.6	17	1970.0	-	9.837863
12	2	61.2	17	1298.0	-	10.616621
13	1	75.4	17	-	-	11.509909

Table 74 - FCC Long Pulse Radar (Type 5) Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	97.6	18	1024.0	1877.0	0.688316
2	1	58.8	18	-	-	1.363964
3	1	63.8	18	-	-	2.193553
4	1	59.0	18	-	-	2.943774
5	2	77.5	18	1380.0	-	3.249444
6	3	94.6	18	1944.0	1600.0	4.053190
7	2	53.7	18	1200.0	-	5.371683
8	2	50.4	18	1238.0	-	5.791672
9	1	94.4	18	-	-	7.179745
10	2	64.2	18	1634.0	-	7.795614
11	1	71.0	18	-	-	8.518855
12	3	96.0	18	1174.0	1997.0	9.256214
13	1	73.5	18	-	-	9.775541
14	1	95.7	18	-	-	11.026788
15	2	52.1	18	1290.0	-	11.786130

Table 75 - FCC Long Pulse Radar (Type 5) Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	86.5	10	1933.0	1492.0	0.551497
2	2	58.6	10	1815.0	-	0.742440
3	2	91.8	10	1301.0	-	1.488257
4	3	96.7	10	1952.0	1862.0	2.199948
5	3	66.8	10	1218.0	1821.0	2.797638
6	3	77.5	10	1449.0	1636.0	3.590806
7	1	77.2	10	-	-	4.188265
8	2	52.5	10	1344.0	-	4.696379
9	1	68.1	10	-	-	5.085224
10	2	96.5	10	1304.0	-	5.881156
11	3	97.3	10	1148.0	1735.0	6.867682
12	3	52.4	10	1364.0	1191.0	7.248659
13	2	88.8	10	1127.0	-	7.897004
14	1	72.2	10	-	-	8.348669
15	3	82.6	10	1972.0	1647.0	9.408565
16	3	64.5	10	1906.0	1554.0	9.715970
17	1	61.1	10	-	-	10.158962
18	3	71.6	10	1595.0	1606.0	11.124848
19	3	58.3	10	1624.0	1880.0	11.493059

Table 76 - FCC Long Pulse Radar (Type 5) Waveform Trial#15 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	99.1	11	-	-	0.869175
2	3	64.6	11	1154.0	1775.0	2.094988
3	2	94.2	11	1285.0	-	3.400638
4	3	78.9	11	1015.0	1745.0	3.661548
5	1	62.9	11	-	-	5.825017
6	2	55.8	11	1113.0	-	6.610113
7	1	60.1	11	-	-	7.418067
8	3	53.2	11	1476.0	1421.0	9.512702
9	3	61.7	11	1141.0	1691.0	10.550841
10	1	79.0	11	-	-	11.832381

Table 77 - FCC Long Pulse Radar (Type 5) Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.9	16	-	-	0.739995
2	2	54.9	16	1769.0	-	2.140184
3	2	89.6	16	1231.0	-	3.695114
4	2	76.3	16	1635.0	-	4.705144
5	2	80.1	16	1056.0	-	5.794087
6	1	81.5	16	-	-	7.290403
7	3	76.3	16	1800.0	1997.0	8.317931
8	2	82.6	16	1048.0	-	10.649570
9	3	70.5	16	1311.0	1207.0	11.227447

Table 78 - FCC Long Pulse Radar (Type 5) Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.9	12	1470.0	-	1.279726
2	2	52.6	12	1190.0	-	1.866796
3	2	98.9	12	1274.0	-	3.030961
4	2	51.0	12	1306.0	-	4.807996
5	1	51.2	12	-	-	5.537834
6	3	98.3	12	1092.0	1964.0	7.470896
7	3	70.2	12	1057.0	1712.0	8.125790
8	2	89.0	12	1934.0	-	10.088132
9	2	50.2	12	1298.0	-	10.733912

Table 79 - FCC Long Pulse Radar (Type 5) Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.1	12	1787.0	-	0.583658
2	1	64.0	12	-	-	1.234901
3	3	62.6	12	1180.0	1570.0	1.988158
4	1	75.2	12	-	-	2.228609
5	1	72.7	12	-	-	3.091313
6	1	91.2	12	-	-	3.781212
7	1	71.2	12	-	-	4.142764
8	1	93.4	12	-	-	4.764863
9	3	71.1	12	1013.0	1424.0	5.656917
10	2	65.5	12	1801.0	-	6.151128
11	2	53.2	12	1445.0	-	6.964569
12	2	80.3	12	1928.0	-	7.360867
13	3	50.3	12	1032.0	1312.0	8.219957
14	3	58.2	12	1284.0	1986.0	8.833298
15	2	89.8	12	1706.0	-	9.650338
16	2	55.5	12	1913.0	-	10.211482
17	2	72.2	12	1253.0	-	10.995350
18	2	61.2	12	1516.0	-	11.448275

Table 80 - FCC Long Pulse Radar (Type 5) Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	92.4	12	1090.0	1784.0	0.440134
2	2	98.8	12	1577.0	-	1.371714
3	3	72.0	12	1073.0	1055.0	3.218885
4	2	100.0	12	1775.0	-	4.107193
5	2	85.0	12	1606.0	-	5.499078
6	3	81.6	12	1757.0	1215.0	7.455504
7	1	96.4	12	-	-	9.270922
8	1	87.3	12	-	-	10.611964
9	1	79.1	12	-	-	11.171987

Table 81 - FCC Long Pulse Radar (Type 5) Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	80.8	12	1119.0	1214.0	0.479768
2	1	68.0	12	-	-	1.116550
3	1	97.2	12	-	-	1.961567
4	3	55.4	12	1290.0	1095.0	2.266412
5	2	58.1	12	1447.0	-	3.083407
6	3	50.2	12	1221.0	1579.0	3.514507
7	2	51.1	12	1492.0	-	4.373061
8	2	93.4	12	1036.0	-	4.813945
9	1	97.5	12	-	-	5.684264
10	2	95.6	12	1484.0	-	6.661262
11	3	96.4	12	1454.0	1023.0	7.205956
12	1	83.9	12	-	-	7.910033
13	2	91.5	12	1912.0	-	8.243761
14	1	80.9	12	-	-	8.830604
15	3	55.9	12	1558.0	1936.0	9.591363
16	1	62.6	12	-	-	10.399185
17	1	75.1	12	-	-	10.679916
18	1	57.2	12	-	-	11.412425

Table 82 - FCC Long Pulse Radar (Type 5) Waveform Trial#21 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	83.1	17	-	-	0.860519
2	1	88.1	17	-	-	1.883896
3	2	56.3	17	1164.0	-	2.993847
4	2	89.2	17	1433.0	-	3.735654
5	1	68.7	17	-	-	4.974664
6	2	75.5	17	1847.0	-	5.578124
7	1	71.7	17	-	-	6.547243
8	2	85.1	17	1383.0	-	7.786638
9	1	72.4	17	-	-	8.987333
10	2	56.2	17	1385.0	-	10.821817
11	3	85.0	17	1333.0	1842.0	11.053006

Table 83 - FCC Long Pulse Radar (Type 5) Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	59.6	6	1766.0	-	0.403294
2	2	93.0	6	1148.0	-	1.227393
3	1	60.8	6	-	-	1.922250
4	1	53.6	6	-	-	2.606907
5	2	94.9	6	1725.0	-	3.190793
6	3	87.2	6	1476.0	1380.0	4.415406
7	2	70.5	6	1332.0	-	4.932157
8	2	57.3	6	1699.0	-	5.626181
9	1	71.7	6	-	-	6.299699
10	3	67.7	6	1280.0	1814.0	7.367774
11	2	88.7	6	1716.0	-	7.596156
12	2	71.6	6	1431.0	-	8.308318
13	2	68.8	6	1145.0	-	9.503061
14	1	68.4	6	-	-	10.278848
15	3	53.4	6	1662.0	1764.0	10.950726
16	1	98.0	6	-	-	11.574935

Table 84 - FCC Long Pulse Radar (Type 5) Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.0	14	1152.0	-	0.818455
2	2	94.2	14	1344.0	-	0.975989
3	1	75.6	14	-	-	2.293205
4	3	96.8	14	1400.0	1115.0	3.325174
5	1	65.5	14	-	-	4.192746
6	2	92.2	14	1560.0	-	4.842411
7	3	94.7	14	1292.0	1819.0	5.646992
8	2	50.7	14	1616.0	-	6.360228
9	2	99.7	14	1700.0	-	7.071877
10	3	93.6	14	1818.0	1932.0	8.055141
11	3	64.3	14	1711.0	1129.0	8.783487
12	1	69.0	14	-	-	9.993546
13	1	60.1	14	-	-	10.349356
14	2	54.4	14	1203.0	-	11.360256

Table 85 - FCC Long Pulse Radar (Type 5) Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.6	13	1332.0	-	0.676548
2	3	80.7	13	1244.0	1961.0	1.140562
3	2	93.4	13	1439.0	-	2.279396
4	2	98.7	13	1584.0	-	3.554397
5	2	86.9	13	1279.0	-	4.468640
6	3	93.7	13	1301.0	1818.0	5.173487
7	1	57.4	13	-	-	6.149312
8	1	65.6	13	-	-	6.558795
9	3	51.3	13	1566.0	1357.0	8.032185
10	2	51.0	13	1837.0	-	8.625454
11	2	70.7	13	1384.0	-	9.977818
12	1	55.8	13	-	-	10.699511
13	3	64.7	13	1613.0	1989.0	11.284076

Table 86 - FCC Long Pulse Radar (Type 5) Waveform Trial#25 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.3	6	1603.0	-	0.732759
2	1	52.8	6	-	-	1.791800
3	1	66.1	6	-	-	1.879251
4	3	68.8	6	1400.0	1687.0	3.272893
5	3	55.1	6	1739.0	1221.0	3.794813
6	1	86.0	6	-	-	5.312011
7	2	83.7	6	1160.0	-	6.024755
8	3	75.3	6	1350.0	1755.0	6.909059
9	3	86.3	6	1055.0	1960.0	7.757552
10	1	60.9	6	-	-	8.393495
11	3	58.8	6	1753.0	1007.0	9.565045
12	3	95.5	6	1401.0	1199.0	10.544301
13	1	60.6	6	-	-	11.646683

Table 87 - FCC Long Pulse Radar (Type 5) Waveform Trial#26 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	93.2	11	1284.0	1640.0	0.746756
2	1	77.5	11	-	-	0.862178
3	2	83.3	11	1215.0	-	2.286891
4	1	67.1	11	-	-	2.791122
5	3	64.1	11	1009.0	1989.0	3.491048
6	2	96.5	11	1899.0	-	4.286925
7	1	68.8	11	-	-	5.328192
8	2	97.2	11	1426.0	-	6.110064
9	3	67.2	11	1139.0	1605.0	6.856266
10	2	90.0	11	1123.0	-	7.289602
11	2	83.1	11	1180.0	-	8.095927
12	1	95.9	11	-	-	9.213061
13	2	77.0	11	1013.0	-	9.849840
14	1	93.6	11	-	-	10.701046
15	3	62.9	11	1317.0	1692.0	11.635620

Table 88 - FCC Long Pulse Radar (Type 5) Waveform Trial#27 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	51.9	10	1999.0	1099.0	0.955438
2	2	91.6	10	1483.0	-	1.921015
3	2	81.2	10	1511.0	-	2.468075
4	2	53.9	10	1032.0	-	4.555032
5	2	53.0	10	1904.0	-	5.738065
6	2	76.0	10	1664.0	-	6.428913
7	2	96.8	10	1328.0	-	8.395512
8	2	63.4	10	1886.0	-	8.967579
9	2	91.9	10	1773.0	-	10.007321
10	3	64.0	10	1718.0	1750.0	11.393245

Table 89 - FCC Long Pulse Radar (Type 5) Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.4	20	-	-	0.602248
2	1	89.1	20	-	-	0.844967
3	3	78.6	20	1513.0	1799.0	1.424033
4	2	91.5	20	1776.0	-	2.456606
5	2	97.1	20	1395.0	-	2.580747
6	2	86.9	20	1756.0	-	3.656493
7	2	60.2	20	1458.0	-	4.268928
8	2	96.3	20	1333.0	-	4.547919
9	2	55.2	20	1447.0	-	5.306938
10	2	75.9	20	1797.0	-	5.712470
11	3	57.9	20	1790.0	1340.0	6.504769
12	1	75.5	20	-	-	7.397530
13	2	82.6	20	1681.0	-	7.993364
14	2	70.6	20	1379.0	-	8.657501
15	3	92.2	20	1271.0	1602.0	9.230517
16	3	77.7	20	1542.0	1006.0	9.964525
17	2	77.3	20	1669.0	-	10.205833
18	1	64.9	20	-	-	11.040055
19	2	78.4	20	1344.0	-	11.538356

Table 90 - FCC Long Pulse Radar (Type 5) Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	93.1	16	1656.0	1416.0	0.579743
2	1	54.5	16	-	-	0.849792
3	1	93.8	16	-	-	1.227292
4	1	90.5	16	-	-	2.064955
5	3	77.6	16	1979.0	1473.0	2.725911
6	3	51.3	16	1860.0	1761.0	3.308205
7	3	81.6	16	1021.0	1894.0	4.151057
8	2	69.3	16	1350.0	-	4.275124
9	3	60.5	16	1020.0	1091.0	5.074507
10	2	92.5	16	1601.0	-	5.873279
11	2	57.1	16	1981.0	-	6.104928
12	2	62.7	16	1330.0	-	7.192813
13	3	64.0	16	1665.0	1348.0	7.232820
14	2	82.4	16	1094.0	-	8.367577
15	2	63.0	16	1291.0	-	8.671130
16	1	77.7	16	-	-	9.334935
17	2	75.6	16	1539.0	-	9.689885
18	1	88.0	16	-	-	10.414425
19	1	83.2	16	-	-	10.999311
20	1	52.8	16	-	-	11.715951

Table 91 - FCC Long Pulse Radar (Type 5) Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	62.9	15	-	-	0.223358
2	1	76.2	15	-	-	2.134863
3	1	53.7	15	-	-	2.989914
4	3	97.9	15	1290.0	1962.0	3.284758
5	3	58.4	15	1702.0	1325.0	5.235124
6	3	76.3	15	1326.0	1726.0	5.605225
7	1	74.8	15	-	-	7.521006
8	3	66.6	15	1457.0	1421.0	7.683603
9	2	99.7	15	1110.0	-	9.812419
10	1	95.0	15	-	-	10.792160
11	2	61.5	15	1037.0	-	11.409711

Table 92 - Detection Bandwidth Measurements (Bandwidth: +8.2MHz /-8.2MHz) 20 MHz					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5541.00 MHz	0	2	0
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5541.80 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5542.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5543.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5544.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5545.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5550.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5555.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5556.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5557.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5558.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5558.20 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 0)	5559.00 MHz	0	2	0

Table 93 - Summary of All Results 20 MHz				
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)	91.2 %	70.0 %	34	PASSED

Table 94 - FCC Short Pulse Radar (Type 1A) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	67	1.0	798.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	58	1.0	918.0	Yes	5551.8MHz,-64.0dBm	Single burst
3	102	1.0	518.0	Yes	5555.0MHz,-64.0dBm	Single burst
4	72	1.0	738.0	Yes	5556.8MHz,-64.0dBm	Single burst
5	81	1.0	658.0	Yes	5558.2MHz,-64.0dBm	Single burst
6	86	1.0	618.0	Yes	5541.8MHz,-64.0dBm	Single burst
7	57	1.0	938.0	Yes	5543.0MHz,-64.0dBm	Single burst
8	83	1.0	638.0	Yes	5544.1MHz,-64.0dBm	Single burst
9	62	1.0	858.0	Yes	5546.5MHz,-64.0dBm	Single burst
10	59	1.0	898.0	Yes	5547.5MHz,-64.0dBm	Single burst
11	65	1.0	818.0	Yes	5551.2MHz,-64.0dBm	Single burst
12	74	1.0	718.0	Yes	5553.5MHz,-64.0dBm	Single burst
13	95	1.0	558.0	Yes	5555.3MHz,-64.0dBm	Single burst
14	92	1.0	578.0	Yes	5557.5MHz,-64.0dBm	Single burst
15	68	1.0	778.0	Yes	5558.2MHz,-64.0dBm	Single burst

Table 95 - FCC Short Pulse Radar (Type 1B) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	31	1.0	1726.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	31	1.0	1749.0	Yes	5551.6MHz,-64.0dBm	Single burst
3	30	1.0	1777.0	Yes	5554.6MHz,-64.0dBm	Single burst
4	71	1.0	744.0	Yes	5555.9MHz,-64.0dBm	Single burst
5	47	1.0	1138.0	Yes	5557.4MHz,-64.0dBm	Single burst
6	85	1.0	621.0	Yes	5558.2MHz,-64.0dBm	Single burst
7	46	1.0	1158.0	Yes	5541.8MHz,-64.0dBm	Single burst
8	28	1.0	1952.0	Yes	5544.1MHz,-64.0dBm	Single burst
9	55	1.0	964.0	Yes	5546.1MHz,-64.0dBm	Single burst
10	20	1.0	2722.0	Yes	5547.8MHz,-64.0dBm	Single burst
11	31	1.0	1756.0	Yes	5550.5MHz,-64.0dBm	Single burst
12	31	1.0	1737.0	Yes	5551.9MHz,-64.0dBm	Single burst
13	93	1.0	568.0	Yes	5554.3MHz,-64.0dBm	Single burst
14	28	1.0	1898.0	Yes	5555.9MHz,-64.0dBm	Single burst
15	28	1.0	1905.0	Yes	5558.2MHz,-64.0dBm	Single burst

Table 96 - FCC Short Pulse Radar (Type 2) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	27	4.2	229.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	28	1.6	153.0	Yes	5552.5MHz,-64.0dBm	Single burst
3	23	4.9	176.0	Yes	5555.8MHz,-64.0dBm	Single burst
4	24	2.7	199.0	Yes	5558.2MHz,-64.0dBm	Single burst
5	28	2.5	157.0	Yes	5541.8MHz,-64.0dBm	Single burst
6	23	2.3	162.0	Yes	5542.8MHz,-64.0dBm	Single burst
7	28	4.7	172.0	Yes	5545.6MHz,-64.0dBm	Single burst
8	24	3.2	188.0	Yes	5549.5MHz,-64.0dBm	Single burst
9	27	4.8	198.0	Yes	5553.5MHz,-64.0dBm	Single burst
10	23	2.0	162.0	Yes	5554.6MHz,-64.0dBm	Single burst
11	28	2.3	202.0	Yes	5557.1MHz,-64.0dBm	Single burst
12	29	3.4	205.0	Yes	5558.2MHz,-64.0dBm	Single burst
13	26	1.7	184.0	Yes	5541.8MHz,-64.0dBm	Single burst
14	27	2.1	192.0	Yes	5543.6MHz,-64.0dBm	Single burst
15	25	4.1	171.0	Yes	5547.5MHz,-64.0dBm	Single burst
16	27	1.1	178.0	Yes	5550.7MHz,-64.0dBm	Single burst
17	26	4.6	154.0	Yes	5554.2MHz,-64.0dBm	Single burst
18	27	4.7	152.0	Yes	5557.2MHz,-64.0dBm	Single burst
19	28	4.6	194.0	Yes	5558.2MHz,-64.0dBm	Single burst
20	24	4.9	197.0	Yes	5541.8MHz,-64.0dBm	Single burst
21	25	3.0	185.0	Yes	5543.1MHz,-64.0dBm	Single burst
22	26	4.2	210.0	Yes	5544.6MHz,-64.0dBm	Single burst
23	24	1.8	210.0	Yes	5548.3MHz,-64.0dBm	Single burst
24	23	2.1	184.0	Yes	5550.6MHz,-64.0dBm	Single burst
25	26	4.8	196.0	Yes	5554.6MHz,-64.0dBm	Single burst
26	29	2.6	217.0	Yes	5558.2MHz,-64.0dBm	Single burst
27	26	3.9	219.0	Yes	5558.2MHz,-64.0dBm	Single burst
28	29	1.3	207.0	Yes	5541.8MHz,-64.0dBm	Single burst
29	27	2.9	194.0	Yes	5542.6MHz,-64.0dBm	Single burst
30	23	4.7	156.0	Yes	5544.0MHz,-64.0dBm	Single burst

Table 97 - FCC Short Pulse Radar (Type 3) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	17	7.2	316.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	18	7.4	283.0	Yes	5553.1MHz,-64.0dBm	Single burst
3	16	9.6	320.0	Yes	5554.9MHz,-64.0dBm	Single burst
4	17	6.1	446.0	Yes	5558.0MHz,-64.0dBm	Single burst
5	17	8.7	352.0	Yes	5558.2MHz,-64.0dBm	Single burst
6	16	7.7	477.0	Yes	5541.8MHz,-64.0dBm	Single burst
7	17	9.7	365.0	Yes	5543.6MHz,-64.0dBm	Single burst
8	16	6.0	242.0	Yes	5545.1MHz,-64.0dBm	Single burst
9	16	9.4	384.0	Yes	5548.3MHz,-64.0dBm	Single burst
10	16	8.3	448.0	Yes	5550.2MHz,-64.0dBm	Single burst
11	18	7.6	470.0	Yes	5553.9MHz,-64.0dBm	Single burst
12	17	9.7	228.0	Yes	5557.8MHz,-64.0dBm	Single burst
13	17	8.8	489.0	Yes	5558.2MHz,-64.0dBm	Single burst
14	18	9.3	406.0	Yes	5541.8MHz,-64.0dBm	Single burst
15	16	9.4	468.0	Yes	5542.2MHz,-64.0dBm	Single burst
16	17	9.1	319.0	Yes	5543.7MHz,-64.0dBm	Single burst
17	18	8.2	430.0	Yes	5546.9MHz,-64.0dBm	Single burst
18	16	6.6	278.0	Yes	5550.9MHz,-64.0dBm	Single burst
19	17	6.7	406.0	Yes	5552.9MHz,-64.0dBm	Single burst
20	17	6.0	319.0	Yes	5554.0MHz,-64.0dBm	Single burst
21	16	9.2	300.0	Yes	5555.3MHz,-64.0dBm	Single burst
22	17	8.0	400.0	Yes	5556.4MHz,-64.0dBm	Single burst
23	17	9.4	236.0	Yes	5558.2MHz,-64.0dBm	Single burst
24	17	6.6	276.0	Yes	5541.8MHz,-64.0dBm	Single burst
25	17	9.0	281.0	Yes	5542.6MHz,-64.0dBm	Single burst
26	16	6.8	218.0	Yes	5546.5MHz,-64.0dBm	Single burst
27	17	8.8	270.0	Yes	5548.1MHz,-64.0dBm	Single burst
28	16	6.1	305.0	Yes	5549.6MHz,-64.0dBm	Single burst
29	17	7.6	360.0	Yes	5552.1MHz,-64.0dBm	Single burst
30	18	8.7	464.0	Yes	5555.6MHz,-64.0dBm	Single burst

Table 98 - FCC Short Pulse Radar (Type 4) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	15	16.0	244.0	Yes	5550.0MHz,-64.0dBm	Single burst
2	15	15.3	497.0	Yes	5551.0MHz,-64.0dBm	Single burst
3	13	14.3	256.0	Yes	5552.5MHz,-64.0dBm	Single burst
4	13	17.3	398.0	Yes	5554.0MHz,-64.0dBm	Single burst
5	13	15.5	288.0	Yes	5557.8MHz,-64.0dBm	Single burst
6	13	19.8	319.0	Yes	5558.2MHz,-64.0dBm	Single burst
7	14	17.9	364.0	Yes	5541.8MHz,-64.0dBm	Single burst
8	13	19.0	254.0	Yes	5542.7MHz,-64.0dBm	Single burst
9	14	12.7	358.0	Yes	5546.6MHz,-64.0dBm	Single burst
10	13	15.5	349.0	Yes	5549.5MHz,-64.0dBm	Single burst
11	15	18.8	322.0	Yes	5552.0MHz,-64.0dBm	Single burst
12	13	16.5	293.0	Yes	5554.0MHz,-64.0dBm	Single burst
13	15	18.9	253.0	Yes	5555.9MHz,-64.0dBm	Single burst
14	16	11.3	266.0	Yes	5558.2MHz,-64.0dBm	Single burst
15	15	19.4	492.0	Yes	5541.8MHz,-64.0dBm	Single burst
16	13	16.6	294.0	Yes	5542.1MHz,-64.0dBm	Single burst
17	13	16.3	385.0	Yes	5544.9MHz,-64.0dBm	Single burst
18	13	15.6	355.0	Yes	5547.9MHz,-64.0dBm	Single burst
19	12	17.1	344.0	Yes	5550.3MHz,-64.0dBm	Single burst
20	13	11.1	245.0	Yes	5551.6MHz,-64.0dBm	Single burst
21	16	18.5	446.0	Yes	5554.1MHz,-64.0dBm	Single burst
22	14	14.9	279.0	Yes	5555.3MHz,-64.0dBm	Single burst
23	12	16.5	310.0	Yes	5556.4MHz,-64.0dBm	Single burst
24	15	11.3	366.0	Yes	5558.2MHz,-64.0dBm	Single burst
25	15	16.0	299.0	Yes	5541.8MHz,-64.0dBm	Single burst
26	15	13.1	456.0	Yes	5542.9MHz,-64.0dBm	Single burst
27	15	16.9	482.0	Yes	5545.8MHz,-64.0dBm	Single burst
28	16	11.0	410.0	Yes	5548.6MHz,-64.0dBm	Single burst
29	15	11.5	219.0	Yes	5550.8MHz,-64.0dBm	Single burst
30	15	18.6	217.0	Yes	5551.8MHz,-64.0dBm	Single burst

Table 99 - FCC Long Pulse Radar (Type 5) Waveform Summary 20 MHz		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5550.0MHz,-64.0dBm
Trial #2	Detected	5550.0MHz,-64.0dBm
Trial #3	Detected	5550.0MHz,-64.0dBm
Trial #4	Detected	5550.0MHz,-64.0dBm
Trial #5	Detected	5550.0MHz,-64.0dBm
Trial #6	Detected	5550.0MHz,-64.0dBm
Trial #7	Detected	5550.0MHz,-64.0dBm
Trial #8	Detected	5550.0MHz,-64.0dBm
Trial #9	Detected	5550.0MHz,-64.0dBm
Trial #10	Detected	5550.0MHz,-64.0dBm
Trial #11	Detected	5548.2MHz,-64.0dBm
Trial #12	Detected	5547.4MHz,-64.0dBm
Trial #13	Detected	5547.4MHz,-64.0dBm
Trial #14	Detected	5549.4MHz,-64.0dBm
Trial #15	Detected	5543.8MHz,-64.0dBm
Trial #16	Detected	5549.4MHz,-64.0dBm
Trial #17	Detected	5547.8MHz,-64.0dBm
Trial #18	Detected	5546.2MHz,-64.0dBm
Trial #19	Detected	5546.6MHz,-64.0dBm
Trial #20	Detected	5549.4MHz,-64.0dBm
Trial #21	Detected	5551.8MHz,-64.0dBm
Trial #22	Detected	5555.8MHz,-64.0dBm
Trial #23	Detected	5555.0MHz,-64.0dBm
Trial #24	Detected	5554.2MHz,-64.0dBm
Trial #25	Detected	5551.8MHz,-64.0dBm
Trial #26	Detected	5551.8MHz,-64.0dBm
Trial #27	Detected	5553.0MHz,-64.0dBm
Trial #28	Detected	5555.4MHz,-64.0dBm
Trial #29	Detected	5552.2MHz,-64.0dBm
Trial #30	Detected	5551.0MHz,-64.0dBm

Table 100 - FCC Long Pulse Radar (Type 5) Waveform Trial#1 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	73.6	10	1191.0	-	0.049264
2	2	96.3	10	1476.0	-	1.116298
3	3	56.3	10	1014.0	1932.0	1.515630
4	2	86.9	10	1709.0	-	2.432904
5	2	80.2	10	1585.0	-	2.639496
6	2	53.4	10	1594.0	-	3.196609
7	1	97.5	10	-	-	4.356399
8	2	85.9	10	1223.0	-	4.618781
9	2	70.3	10	1505.0	-	5.140256
10	3	61.3	10	1186.0	1608.0	5.821047
11	2	77.0	10	1964.0	-	6.319960
12	1	61.5	10	-	-	6.969368
13	3	86.9	10	1265.0	1416.0	7.750510
14	2	64.6	10	1664.0	-	8.336353
15	2	81.1	10	1836.0	-	8.845785
16	2	65.1	10	1575.0	-	10.056772
17	1	76.9	10	-	-	10.474506
18	2	89.7	10	1217.0	-	10.855745
19	1	54.4	10	-	-	11.446582

Table 101 - FCC Long Pulse Radar (Type 5) Waveform Trial#2 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.2	16	1502.0	1353.0	0.182592
2	2	68.4	16	1870.0	-	1.429249
3	1	53.0	16	-	-	1.530986
4	2	91.8	16	1737.0	-	2.942423
5	3	87.5	16	1121.0	1145.0	3.730810
6	1	99.6	16	-	-	4.257252
7	2	79.8	16	1784.0	-	5.243352
8	3	83.2	16	1937.0	1856.0	5.922748
9	3	82.5	16	1407.0	1052.0	6.697391
10	3	98.9	16	1561.0	1954.0	7.486978
11	2	92.9	16	1167.0	-	7.919285
12	3	69.9	16	1031.0	1268.0	8.706722
13	1	54.1	16	-	-	9.662756
14	1	62.5	16	-	-	10.227979
15	1	69.4	16	-	-	10.500199
16	3	55.5	16	1719.0	1866.0	11.517931

Table 102 - FCC Long Pulse Radar (Type 5) Waveform Trial#3 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.5	7	1287.0	-	0.393991
2	3	73.3	7	1322.0	1277.0	1.258598
3	3	95.3	7	1286.0	1779.0	2.415735
4	3	50.6	7	1950.0	1530.0	2.995258
5	2	62.6	7	1705.0	-	3.823894
6	2	87.6	7	1859.0	-	4.768676
7	1	91.8	7	-	-	5.838088
8	1	83.7	7	-	-	6.186912
9	1	67.5	7	-	-	6.962452
10	1	60.7	7	-	-	8.207160
11	2	50.5	7	1726.0	-	9.266952
12	2	68.6	7	1992.0	-	9.536271
13	3	71.5	7	1420.0	1077.0	10.684849
14	2	83.8	7	1987.0	-	11.529034

Table 103 - FCC Long Pulse Radar (Type 5) Waveform Trial#4 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	76.6	8	1438.0	1623.0	0.380991
2	2	55.9	8	1528.0	-	1.370015
3	1	81.6	8	-	-	1.740946
4	3	81.5	8	1602.0	1846.0	2.752530
5	3	60.9	8	1922.0	1172.0	3.573104
6	2	75.4	8	1300.0	-	4.283722
7	2	51.5	8	1420.0	-	4.935728
8	1	69.2	8	-	-	5.751616
9	1	50.4	8	-	-	6.818275
10	2	83.7	8	1153.0	-	7.404918
11	3	80.9	8	1214.0	1246.0	8.172888
12	3	78.8	8	1569.0	1833.0	9.323431
13	2	93.5	8	1442.0	-	9.972447
14	3	92.8	8	1557.0	1660.0	10.452689
15	2	60.1	8	1669.0	-	11.305434

Table 104 - FCC Long Pulse Radar (Type 5) Waveform Trial#5 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.3	13	1461.0	-	0.782663
2	3	68.5	13	1064.0	1285.0	1.749694
3	3	56.0	13	1488.0	1227.0	3.323329
4	1	59.8	13	-	-	4.310332
5	2	62.1	13	1004.0	-	4.826196
6	3	66.6	13	1338.0	1207.0	7.114839
7	2	64.8	13	1892.0	-	7.597278
8	2	62.2	13	1949.0	-	9.481115
9	1	70.6	13	-	-	10.342165
10	2	90.9	13	1402.0	-	11.169388

Table 105 - FCC Long Pulse Radar (Type 5) Waveform Trial#6 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.4	8	1555.0	1735.0	0.266822
2	1	90.7	8	-	-	1.376258
3	2	96.9	8	1851.0	-	2.502558
4	3	88.4	8	1027.0	1667.0	2.804393
5	2	94.0	8	1308.0	-	4.217693
6	3	87.1	8	1205.0	1642.0	4.627314
7	2	97.5	8	1734.0	-	6.010969
8	3	96.8	8	1271.0	1441.0	6.817873
9	2	95.8	8	1510.0	-	7.878069
10	1	94.9	8	-	-	9.059272
11	2	87.8	8	1064.0	-	9.673792
12	2	80.1	8	1658.0	-	10.362217
13	2	56.0	8	1594.0	-	11.822707

Table 106 - FCC Long Pulse Radar (Type 5) Waveform Trial#7 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.6	8	1074.0	-	0.572731
2	3	69.5	8	1832.0	1886.0	1.300477
3	3	76.4	8	1196.0	1225.0	2.311260
4	2	90.6	8	1825.0	-	2.829507
5	2	51.9	8	1344.0	-	4.243521
6	1	58.2	8	-	-	4.671163
7	1	91.9	8	-	-	5.640728
8	3	86.7	8	1604.0	1143.0	6.799652
9	2	86.5	8	1607.0	-	7.415500
10	1	97.2	8	-	-	8.334004
11	3	64.8	8	1876.0	1369.0	9.675623
12	2	60.6	8	1751.0	-	10.794684
13	1	64.5	8	-	-	11.720353

Table 107 - FCC Long Pulse Radar (Type 5) Waveform Trial#8 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	70.8	12	-	-	0.287847
2	3	99.7	12	1166.0	1066.0	1.633476
3	3	56.1	12	1372.0	1896.0	2.517429
4	2	53.5	12	1307.0	-	2.634463
5	2	56.3	12	1427.0	-	3.561890
6	2	83.3	12	1548.0	-	4.554663
7	1	55.8	12	-	-	5.465007
8	2	91.8	12	1589.0	-	6.630059
9	3	79.7	12	1078.0	1857.0	7.261457
10	2	53.0	12	1026.0	-	8.112688
11	3	59.9	12	1934.0	1515.0	9.235389
12	2	60.0	12	1750.0	-	9.801784
13	3	56.8	12	1437.0	1995.0	10.823394
14	2	84.4	12	1735.0	-	11.508682

Table 108 - FCC Long Pulse Radar (Type 5) Waveform Trial#9 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	70.4	9	-	-	0.066230
2	3	90.4	9	1451.0	1144.0	1.028866
3	2	60.5	9	1874.0	-	1.517938
4	3	63.4	9	1735.0	1976.0	1.974328
5	1	56.8	9	-	-	2.579854
6	2	76.5	9	1568.0	-	3.603551
7	2	50.3	9	1766.0	-	4.091687
8	3	73.2	9	1619.0	1420.0	4.761864
9	3	89.4	9	1605.0	1259.0	5.661644
10	2	85.7	9	1403.0	-	5.826099
11	3	72.3	9	1950.0	1719.0	6.411941
12	3	80.1	9	1137.0	1310.0	6.968209
13	3	64.8	9	1127.0	1789.0	7.981702
14	3	72.1	9	1455.0	1678.0	8.665611
15	2	98.4	9	1132.0	-	9.154843
16	2	79.0	9	1620.0	-	9.724462
17	1	69.9	9	-	-	10.387406
18	3	85.0	9	1680.0	1522.0	11.177720
19	2	95.8	9	1729.0	-	11.779255

Table 109 - FCC Long Pulse Radar (Type 5) Waveform Trial#10 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	76.2	7	-	-	0.521633
2	3	59.6	7	1126.0	1516.0	0.887161
3	2	73.6	7	1952.0	-	1.623487
4	2	56.9	7	1989.0	-	2.781689
5	1	96.6	7	-	-	3.638359
6	2	92.3	7	1623.0	-	4.018619
7	2	99.1	7	1720.0	-	4.583992
8	1	80.9	7	-	-	5.340486
9	2	66.9	7	1140.0	-	6.242217
10	1	81.7	7	-	-	7.270936
11	1	68.2	7	-	-	8.106193
12	2	50.4	7	1574.0	-	8.929033
13	3	78.1	7	1032.0	1006.0	9.675524
14	2	93.3	7	1439.0	-	9.837125
15	3	97.0	7	1783.0	1354.0	10.608832
16	2	74.5	7	1257.0	-	11.447654

Table 110 - FCC Long Pulse Radar (Type 5) Waveform Trial#11 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.6	16	1109.0	-	0.586093
2	2	52.5	16	1720.0	-	0.722478
3	3	64.6	16	1176.0	1561.0	1.947749
4	1	72.0	16	-	-	2.610395
5	1	50.2	16	-	-	3.044412
6	3	55.9	16	1426.0	1219.0	4.211933
7	1	92.0	16	-	-	4.261743
8	2	67.6	16	1849.0	-	5.106156
9	2	97.6	16	1675.0	-	6.109725
10	3	83.4	16	1061.0	1921.0	6.448371
11	3	98.0	16	1804.0	1679.0	7.223569
12	1	73.2	16	-	-	7.765223
13	3	88.2	16	1723.0	1601.0	8.873741
14	1	67.9	16	-	-	9.755404
15	2	65.2	16	1043.0	-	9.910684
16	2	54.8	16	1089.0	-	10.724105
17	3	99.8	16	1282.0	1455.0	11.386218

Table 111 - FCC Long Pulse Radar (Type 5) Waveform Trial#12 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	59.8	14	-	-	0.559512
2	3	88.3	14	1157.0	1003.0	2.078354
3	2	91.4	14	1703.0	-	3.021825
4	3	74.5	14	1072.0	1613.0	4.176153
5	3	98.5	14	1900.0	1354.0	5.399420
6	3	76.9	14	1592.0	1684.0	6.127931
7	1	66.3	14	-	-	7.615698
8	2	66.6	14	1236.0	-	7.682080
9	2	59.2	14	1222.0	-	8.789830
10	2	90.5	14	1328.0	-	10.612917
11	2	63.9	14	1440.0	-	11.278471

Table 112 - FCC Long Pulse Radar (Type 5) Waveform Trial#13 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	94.4	14	1797.0	1298.0	0.113993
2	1	78.4	14	-	-	1.618609
3	2	50.1	14	1528.0	-	1.946098
4	1	84.6	14	-	-	3.043247
5	1	98.8	14	-	-	4.047950
6	2	80.5	14	1164.0	-	5.139862
7	2	61.7	14	1592.0	-	5.822177
8	2	52.2	14	1636.0	-	6.046142
9	3	62.0	14	1890.0	1078.0	7.101700
10	2	58.0	14	1347.0	-	8.118341
11	2	66.3	14	1083.0	-	8.727942
12	2	58.4	14	1278.0	-	10.022600
13	3	61.3	14	1508.0	1755.0	10.985243
14	2	80.6	14	1965.0	-	11.910081

Table 113 - FCC Long Pulse Radar (Type 5) Waveform Trial#14 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	67.8	19	1753.0	1703.0	0.338040
2	3	54.1	19	1549.0	1872.0	1.281492
3	3	71.3	19	1959.0	1181.0	2.066759
4	2	96.9	19	1396.0	-	3.726048
5	1	60.2	19	-	-	4.422791
6	1	66.4	19	-	-	5.799178
7	1	85.5	19	-	-	6.382628
8	2	63.6	19	1598.0	-	7.817562
9	1	92.5	19	-	-	8.235056
10	3	89.4	19	1428.0	1751.0	9.446474
11	2	62.8	19	1035.0	-	10.255938
12	3	91.5	19	1963.0	1188.0	11.028072

Table 114 - FCC Long Pulse Radar (Type 5) Waveform Trial#15 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.0	5	1592.0	-	0.816345
2	3	96.6	5	1564.0	1808.0	1.587976
3	1	69.6	5	-	-	2.984307
4	3	88.2	5	1668.0	1193.0	3.970823
5	1	80.8	5	-	-	4.440427
6	1	78.7	5	-	-	6.499916
7	3	89.2	5	1830.0	1062.0	6.867010
8	3	62.6	5	1461.0	1540.0	7.709744
9	2	53.7	5	1960.0	-	8.988112
10	3	67.7	5	1987.0	1671.0	10.107197
11	1	71.7	5	-	-	10.920687

Table 115 - FCC Long Pulse Radar (Type 5) Waveform Trial#16 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.1	19	1453.0	-	0.093458
2	2	68.3	19	1438.0	-	0.865473
3	2	69.7	19	1686.0	-	1.660161
4	2	83.0	19	1194.0	-	2.250468
5	1	87.2	19	-	-	2.921849
6	3	94.7	19	1654.0	1271.0	3.288083
7	2	97.1	19	1316.0	-	3.793392
8	3	90.4	19	1145.0	1201.0	4.240929
9	1	86.0	19	-	-	5.078706
10	3	96.0	19	1740.0	1956.0	5.735894
11	3	65.4	19	1134.0	1067.0	6.096512
12	2	74.8	19	1826.0	-	7.108553
13	3	69.8	19	1018.0	1838.0	7.609511
14	2	65.4	19	1259.0	-	7.838393
15	3	87.2	19	1799.0	1011.0	8.806397
16	2	91.4	19	1719.0	-	9.135311
17	2	67.4	19	1705.0	-	9.863425
18	2	98.0	19	1358.0	-	10.789309
19	2	59.9	19	1761.0	-	11.144117
20	2	58.4	19	1954.0	-	11.418234

Table 116 - FCC Long Pulse Radar (Type 5) Waveform Trial#17 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.0	15	1164.0	-	0.211814
2	2	50.9	15	1100.0	-	1.993683
3	2	70.8	15	1013.0	-	3.146284
4	2	64.0	15	1614.0	-	5.829107
5	1	61.8	15	-	-	7.434899
6	2	75.7	15	1663.0	-	7.648135
7	3	74.7	15	1772.0	1023.0	10.345844
8	1	87.3	15	-	-	11.423428

Table 117 - FCC Long Pulse Radar (Type 5) Waveform Trial#18 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.5	11	1965.0	-	0.365260
2	1	92.8	11	-	-	1.023546
3	3	98.2	11	1064.0	1299.0	2.485686
4	2	57.9	11	1360.0	-	3.095235
5	2	63.1	11	1924.0	-	4.259047
6	2	74.3	11	1237.0	-	5.761830
7	1	61.4	11	-	-	6.959141
8	3	75.5	11	1946.0	1618.0	7.068765
9	2	53.1	11	1774.0	-	8.792063
10	2	88.4	11	1366.0	-	9.919487
11	2	63.3	11	1230.0	-	10.712238
12	1	85.7	11	-	-	11.813352

Table 118 - FCC Long Pulse Radar (Type 5) Waveform Trial#19 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.4	12	1330.0	-	0.876274
2	1	89.2	12	-	-	2.085342
3	1	96.1	12	-	-	3.802649
4	1	52.3	12	-	-	4.946671
5	2	97.9	12	1353.0	-	6.179404
6	1	74.6	12	-	-	6.803488
7	3	98.2	12	1605.0	1668.0	9.252692
8	2	71.5	12	1154.0	-	10.233812
9	2	71.2	12	1188.0	-	11.034548

Table 119 - FCC Long Pulse Radar (Type 5) Waveform Trial#20 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	58.7	19	1269.0	1364.0	1.121520
2	2	71.7	19	1909.0	-	1.746124
3	2	74.7	19	1203.0	-	3.045148
4	2	76.0	19	1352.0	-	4.026267
5	1	92.7	19	-	-	5.466726
6	3	97.2	19	1021.0	1572.0	6.951901
7	1	57.5	19	-	-	8.696207
8	2	80.0	19	1727.0	-	9.401185
9	1	54.9	19	-	-	10.669268

Table 120 - FCC Long Pulse Radar (Type 5) Waveform Trial#21 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.9	16	1543.0	-	0.479376
2	3	96.9	16	1885.0	1749.0	1.168054
3	1	85.0	16	-	-	1.525984
4	2	87.6	16	1797.0	-	2.578429
5	2	71.2	16	1619.0	-	2.909448
6	2	90.2	16	1569.0	-	3.437519
7	3	53.7	16	1262.0	1151.0	4.624731
8	2	65.8	16	1107.0	-	5.268500
9	2	68.8	16	1182.0	-	5.835996
10	3	93.7	16	1224.0	1263.0	6.045003
11	3	51.6	16	1996.0	1344.0	6.953318
12	3	98.9	16	1946.0	1163.0	7.447700
13	1	91.5	16	-	-	8.296178
14	2	85.5	16	1651.0	-	9.256970
15	3	87.3	16	1537.0	1355.0	9.564561
16	1	86.0	16	-	-	10.181413
17	1	93.6	16	-	-	10.876999
18	3	67.8	16	1669.0	1896.0	11.636704

Table 121 - FCC Long Pulse Radar (Type 5) Waveform Trial#22 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.5	6	-	-	0.730946
2	2	58.8	6	1207.0	-	1.213956
3	3	56.2	6	1289.0	1739.0	2.111951
4	3	94.8	6	1070.0	1101.0	3.025945
5	2	79.9	6	1962.0	-	4.469734
6	2	66.5	6	1558.0	-	5.096034
7	1	78.7	6	-	-	6.860003
8	1	63.1	6	-	-	7.832047
9	2	83.1	6	1742.0	-	8.400105
10	3	84.6	6	1128.0	1899.0	9.523472
11	1	96.6	6	-	-	10.314298
12	1	55.4	6	-	-	11.045757

Table 122 - FCC Long Pulse Radar (Type 5) Waveform Trial#23 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.1	8	1619.0	-	0.369094
2	2	92.5	8	1635.0	-	0.827533
3	1	57.2	8	-	-	2.008220
4	2	70.5	8	1991.0	-	2.864111
5	2	60.0	8	1131.0	-	3.615764
6	1	85.9	8	-	-	4.623443
7	2	66.3	8	1045.0	-	5.522109
8	1	77.3	8	-	-	5.928679
9	2	96.8	8	1920.0	-	6.990623
10	2	90.7	8	1561.0	-	7.362940
11	1	57.0	8	-	-	8.702750
12	2	62.1	8	1395.0	-	9.241710
13	2	68.5	8	1025.0	-	9.791101
14	3	59.6	8	1708.0	1291.0	10.866772
15	2	70.0	8	1787.0	-	11.205409

Table 123 - FCC Long Pulse Radar (Type 5) Waveform Trial#24 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	58.7	10	-	-	0.457254
2	3	99.6	10	1377.0	1521.0	0.830969
3	2	94.9	10	1716.0	-	1.717006
4	1	66.0	10	-	-	2.627886
5	3	52.1	10	1831.0	1097.0	3.321402
6	2	71.9	10	1380.0	-	3.773279
7	2	96.0	10	1762.0	-	5.143457
8	3	72.5	10	1295.0	1375.0	5.482763
9	1	93.2	10	-	-	6.676089
10	3	93.3	10	1776.0	1655.0	7.048603
11	2	87.9	10	1423.0	-	8.073139
12	2	80.2	10	1519.0	-	8.420807
13	2	93.2	10	1749.0	-	9.540624
14	2	53.1	10	1338.0	-	10.010296
15	1	71.2	10	-	-	10.754281
16	2	98.2	10	1755.0	-	11.736718

Table 124 - FCC Long Pulse Radar (Type 5) Waveform Trial#25 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.5	16	1738.0	-	0.284754
2	1	61.8	16	-	-	1.059279
3	2	54.6	16	1787.0	-	1.698536
4	2	88.5	16	1573.0	-	2.619107
5	1	94.4	16	-	-	2.898004
6	3	63.8	16	1826.0	1626.0	4.150705
7	2	65.0	16	1829.0	-	4.759459
8	2	50.6	16	1096.0	-	5.610067
9	2	59.0	16	1233.0	-	5.813752
10	2	55.7	16	1365.0	-	6.434843
11	2	89.9	16	1661.0	-	7.353011
12	2	65.2	16	1757.0	-	7.863580
13	2	67.5	16	1038.0	-	9.121607
14	2	54.8	16	1249.0	-	9.442013
15	2	89.2	16	1708.0	-	10.272770
16	2	93.8	16	1726.0	-	10.876965
17	1	62.6	16	-	-	11.891899

Table 125 - FCC Long Pulse Radar (Type 5) Waveform Trial#26 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.0	16	-	-	0.004498
2	2	57.0	16	1024.0	-	1.246094
3	2	61.0	16	1328.0	-	2.307571
4	3	73.1	16	1373.0	1843.0	2.595484
5	1	94.6	16	-	-	3.947668
6	1	77.4	16	-	-	4.594672
7	2	98.7	16	1279.0	-	5.891159
8	2	55.2	16	1563.0	-	6.269666
9	3	64.8	16	1900.0	1622.0	7.492752
10	3	61.0	16	1956.0	1679.0	8.042934
11	1	65.9	16	-	-	8.995835
12	2	79.6	16	1417.0	-	10.189292
13	1	50.7	16	-	-	10.503182
14	1	98.3	16	-	-	11.278105

Table 126 - FCC Long Pulse Radar (Type 5) Waveform Trial#27 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	89.6	13	1093.0	1450.0	0.146014
2	2	92.1	13	1163.0	-	1.208259
3	1	60.2	13	-	-	1.714927
4	2	62.5	13	1067.0	-	2.270645
5	1	78.9	13	-	-	2.771614
6	2	78.9	13	1034.0	-	3.913447
7	3	52.9	13	1687.0	1858.0	4.547407
8	1	51.0	13	-	-	4.751704
9	3	71.0	13	1288.0	1402.0	5.921088
10	1	78.6	13	-	-	6.648637
11	3	58.3	13	1074.0	1070.0	6.822286
12	1	91.7	13	-	-	7.942250
13	2	64.9	13	1861.0	-	8.021644
14	2	51.5	13	1233.0	-	9.204631
15	1	55.1	13	-	-	9.813162
16	1	50.9	13	-	-	10.438194
17	1	89.5	13	-	-	10.812878
18	2	81.6	13	1837.0	-	11.729058

Table 127 - FCC Long Pulse Radar (Type 5) Waveform Trial#28 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	97.8	7	1747.0	1335.0	0.205305
2	2	63.7	7	1216.0	-	0.708989
3	1	54.2	7	-	-	1.501003
4	3	84.3	7	1112.0	1958.0	2.574502
5	1	90.4	7	-	-	3.069791
6	1	93.0	7	-	-	3.842425
7	2	67.9	7	1830.0	-	4.825571
8	3	96.4	7	1694.0	1501.0	5.082857
9	1	69.4	7	-	-	6.250515
10	2	85.3	7	1997.0	-	6.951219
11	3	50.2	7	1863.0	1955.0	7.586367
12	3	51.3	7	1999.0	1056.0	8.072598
13	2	77.3	7	1522.0	-	8.529742
14	2	55.1	7	1993.0	-	9.375828
15	3	87.0	7	1176.0	1798.0	9.982948
16	1	94.2	7	-	-	10.602823
17	3	97.0	7	1416.0	1210.0	11.457021

Table 128 - FCC Long Pulse Radar (Type 5) Waveform Trial#29 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	82.2	15	1708.0	1794.0	0.713642
2	2	92.4	15	1138.0	-	1.296328
3	2	79.9	15	1156.0	-	3.260148
4	2	82.2	15	1662.0	-	3.497401
5	1	53.8	15	-	-	4.547760
6	2	66.2	15	1407.0	-	6.340142
7	3	88.8	15	2000.0	1145.0	7.243986
8	3	64.8	15	1424.0	1034.0	7.809648
9	1	73.4	15	-	-	9.149290
10	2	85.7	15	1372.0	-	9.864330
11	1	84.6	15	-	-	11.428005

Table 129 - FCC Long Pulse Radar (Type 5) Waveform Trial#30 (Detected) 20 MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.0	18	1968.0	-	0.481799
2	2	54.1	18	1081.0	-	1.684947
3	3	59.9	18	1795.0	1151.0	2.360815
4	2	85.0	18	1404.0	-	3.240836
5	2	72.5	18	1325.0	-	4.445855
6	1	70.9	18	-	-	4.827950
7	3	98.5	18	1467.0	1439.0	5.623141
8	3	69.2	18	1626.0	1580.0	6.632401
9	3	98.1	18	1211.0	1260.0	7.828514
10	3	75.6	18	1702.0	1106.0	8.864545
11	2	69.7	18	1678.0	-	9.841276
12	2	84.7	18	1531.0	-	10.798338
13	1	68.1	18	-	-	11.322616

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	9	1.0	333.0	Yes	5541.8MHz ,-64.0dBm	Hop sequence: 5266, 5654, 5366, 5640, 5333, 5521, 5628, 5306, 5352, 5396, 5588, 5372, 5506, 5676, 5507, 5444, 5365, 5393, 5344, 5341, 5403, 5281, 5576, 5664, 5551, 5273, 5595, 5656, 5350, 5309, 5505, 5446, 5686, 5639, 5481, 5445, 5376, 5573, 5689, 5592, 5650, 5428, 5434, 5634, 5530, 5357, 5665, 5404, 5279, 5619, 5719, 5293, 5600, 5475, 5390, 5601, 5540, 5303, 5717, 5351, 5331, 5267, 5292, 5291, 5330, 5488, 5661, 5635, 5621, 5439, 5484, 5519, 5411, 5580, 5582, 5315, 5571, 5312, 5535, 5668, 5317, 5509, 5556, 5373, 5420, 5388, 5294, 5602, 5276, 5462, 5632, 5547, 5340, 5378, 5370, 5304, 5316, 5473, 5618, 5604 (3 hits)
2	9	1.0	333.0	Yes	5542.8MHz ,-64.0dBm	Hop sequence: 5592, 5628, 5297, 5456, 5673, 5266, 5586, 5507, 5313, 5342, 5594, 5580, 5488, 5433, 5674, 5449, 5512, 5358, 5437, 5549, 5320, 5515, 5252, 5502, 5403, 5688, 5683, 5260, 5279, 5460, 5348, 5359, 5720, 5397, 5677, 5710, 5591, 5412, 5307, 5558, 5585, 5432, 5566, 5381, 5424, 5380, 5613, 5306, 5619, 5607, 5599, 5663, 5516, 5265, 5547, 5640, 5684, 5523, 5527, 5341, 5262, 5653, 5671, 5545, 5470, 5622, 5493, 5712, 5282, 5413, 5314, 5595, 5439, 5326, 5401, 5529, 5695, 5334, 5621, 5453, 5505, 5444, 5629, 5642, 5664, 5455, 5489, 5409, 5612, 5274, 5631, 5261, 5657, 5406, 5454, 5658, 5492, 5263, 5364, 5632 (4 hits)
3	9	1.0	333.0	Yes	5543.8MHz ,-64.0dBm	Hop sequence: 5567, 5387, 5331, 5538, 5346, 5711, 5547, 5429, 5323, 5418, 5486, 5610, 5623, 5699, 5437, 5702, 5253, 5593, 5415, 5703, 5292, 5463, 5264, 5431, 5339, 5646, 5694, 5308, 5633, 5301, 5428, 5617, 5640, 5715, 5528, 5666, 5355, 5443, 5382, 5262, 5493, 5314, 5455, 5383, 5332, 5286, 5299, 5480, 5586, 5541, 5441, 5457, 5448, 5531, 5474, 5689, 5723, 5275, 5535, 5668, 5361, 5631, 5519, 5304, 5698, 5397, 5548, 5663, 5362, 5565, 5475, 5588, 5351, 5381, 5343, 5473, 5306, 5265, 5488, 5305, 5290, 5435, 5461, 5613, 5551, 5685, 5556, 5298, 5477, 5284, 5419, 5550, 5693, 5686, 5564, 5682, 5268, 5469, 5289, 5498 (5 hits)
4	9	1.0	333.0	Yes	5544.8MHz ,-64.0dBm	Hop sequence: 5349, 5408, 5583, 5709, 5402, 5725, 5571, 5559, 5491, 5587, 5348, 5261, 5631, 5712, 5448, 5557, 5374, 5632, 5313, 5678, 5675, 5518, 5340, 5273, 5445, 5274, 5442, 5607, 5383, 5519, 5318, 5696, 5690, 5430, 5499, 5394, 5497, 5682, 5683, 5515, 5504, 5450, 5438, 5256, 5264, 5333, 5664, 5603, 5252, 5601, 5459, 5510, 5720, 5361, 5359, 5352, 5552, 5672, 5568, 5481,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5551, 5357, 5310, 5418, 5449, 5599, 5646, 5406, 5399, 5444, 5378, 5656, 5692, 5392, 5474, 5323, 5400, 5680, 5404, 5253, 5593, 5462, 5694, 5584, 5335, 5714, 5386, 5535, 5389, 5718, 5414, 5703, 5540, 5543, 5574, 5679, 5271, 5604, 5284, 5319 (4 hits)
5	9	1.0	333.0	Yes	5545.8MHz ,-64.0dBm	Hop sequence: 5655, 5298, 5346, 5718, 5271, 5507, 5528, 5334, 5672, 5710, 5565, 5668, 5529, 5359, 5674, 5303, 5412, 5348, 5448, 5440, 5363, 5717, 5664, 5473, 5403, 5576, 5661, 5344, 5705, 5694, 5683, 5347, 5497, 5501, 5480, 5637, 5270, 5577, 5499, 5433, 5336, 5521, 5258, 5254, 5570, 5556, 5682, 5695, 5519, 5629, 5593, 5340, 5720, 5722, 5626, 5451, 5609, 5612, 5311, 5460, 5474, 5623, 5537, 5712, 5582, 5482, 5496, 5504, 5517, 5484, 5524, 5627, 5259, 5478, 5261, 5318, 5697, 5439, 5551, 5483, 5310, 5489, 5282, 5638, 5653, 5355, 5374, 5606, 5657, 5533, 5428, 5634, 5375, 5308, 5313, 5370, 5644, 5267, 5701, 5611 (2 hits)
6	9	1.0	333.0	Yes	5546.8MHz ,-64.0dBm	Hop sequence: 5694, 5584, 5389, 5626, 5455, 5384, 5294, 5412, 5596, 5592, 5496, 5258, 5421, 5687, 5670, 5669, 5635, 5591, 5673, 5710, 5365, 5387, 5518, 5699, 5645, 5557, 5503, 5674, 5692, 5523, 5554, 5714, 5340, 5617, 5334, 5477, 5515, 5332, 5547, 5608, 5613, 5419, 5704, 5563, 5660, 5305, 5716, 5587, 5678, 5354, 5471, 5345, 5706, 5664, 5535, 5396, 5541, 5366, 5292, 5653, 5374, 5555, 5616, 5434, 5461, 5689, 5406, 5479, 5402, 5325, 5268, 5501, 5313, 5615, 5662, 5712, 5574, 5398, 5595, 5494, 5575, 5255, 5315, 5632, 5567, 5582, 5379, 5269, 5385, 5707, 5529, 5363, 5285, 5308, 5545, 5380, 5685, 5411, 5677, 5331 (5 hits)
7	9	1.0	333.0	Yes	5547.8MHz ,-64.0dBm	Hop sequence: 5339, 5368, 5474, 5342, 5618, 5472, 5609, 5496, 5536, 5720, 5534, 5650, 5700, 5662, 5548, 5432, 5526, 5282, 5701, 5403, 5695, 5454, 5451, 5552, 5413, 5723, 5634, 5397, 5324, 5305, 5626, 5562, 5527, 5293, 5387, 5599, 5284, 5279, 5566, 5452, 5336, 5374, 5642, 5596, 5416, 5289, 5561, 5449, 5414, 5692, 5520, 5400, 5280, 5343, 5382, 5705, 5643, 5266, 5685, 5719, 5329, 5644, 5394, 5278, 5530, 5271, 5721, 5441, 5636, 5359, 5722, 5308, 5447, 5503, 5464, 5306, 5295, 5259, 5485, 5487, 5455, 5398, 5265, 5547, 5614, 5694, 5440, 5558, 5460, 5658, 5274, 5366, 5513, 5309, 5350, 5586, 5554, 5312, 5508, 5615 (5 hits)
8	9	1.0	333.0	Yes	5548.8MHz ,-64.0dBm	Hop sequence: 5721, 5535, 5265, 5455, 5480, 5469, 5415, 5689, 5254, 5293, 5285, 5328, 5362, 5262, 5457, 5472, 5336, 5263, 5667, 5252, 5599, 5431, 5351, 5517, 5518,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5656, 5384, 5489, 5371, 5402, 5404, 5428, 5496, 5450, 5636, 5325, 5567, 5717, 5720, 5299, 5403, 5260, 5624, 5702, 5712, 5585, 5570, 5388, 5398, 5268, 5687, 5714, 5606, 5324, 5593, 5453, 5723, 5596, 5323, 5679, 5387, 5605, 5580, 5719, 5346, 5357, 5565, 5300, 5294, 5359, 5612, 5327, 5341, 5592, 5644, 5411, 5549, 5557, 5511, 5479, 5354, 5353, 5272, 5502, 5483, 5448, 5302, 5648, 5486, 5464, 5695, 5485, 5337, 5291, 5390, 5572, 5706, 5660, 5430, 5423 (2 hits)
9	9	1.0	333.0	Yes	5549.8MHz ,-64.0dBm	Hop sequence: 5484, 5496, 5719, 5465, 5314, 5493, 5689, 5427, 5278, 5548, 5361, 5690, 5436, 5445, 5385, 5312, 5692, 5675, 5473, 5260, 5514, 5300, 5611, 5413, 5297, 5339, 5397, 5543, 5649, 5419, 5602, 5658, 5454, 5579, 5381, 5441, 5486, 5536, 5572, 5643, 5422, 5426, 5282, 5450, 5709, 5412, 5712, 5527, 5664, 5283, 5377, 5311, 5614, 5625, 5289, 5399, 5463, 5423, 5682, 5437, 5546, 5651, 5586, 5505, 5638, 5403, 5634, 5540, 5538, 5394, 5405, 5626, 5589, 5348, 5386, 5325, 5685, 5415, 5359, 5421, 5420, 5256, 5641, 5645, 5551, 5574, 5391, 5592, 5707, 5553, 5655, 5440, 5402, 5432, 5552, 5549, 5710, 5337, 5270, 5665 (7 hits)
10	9	1.0	333.0	Yes	5550.8MHz ,-64.0dBm	Hop sequence: 5545, 5464, 5356, 5353, 5383, 5658, 5330, 5320, 5510, 5690, 5282, 5574, 5437, 5359, 5663, 5458, 5691, 5598, 5692, 5710, 5488, 5343, 5616, 5253, 5358, 5468, 5513, 5542, 5256, 5517, 5414, 5607, 5489, 5333, 5433, 5495, 5338, 5352, 5541, 5443, 5546, 5334, 5612, 5292, 5402, 5449, 5357, 5453, 5642, 5601, 5646, 5559, 5582, 5431, 5688, 5365, 5595, 5329, 5366, 5314, 5567, 5400, 5675, 5263, 5600, 5504, 5689, 5298, 5381, 5640, 5399, 5459, 5636, 5336, 5291, 5322, 5540, 5438, 5575, 5678, 5579, 5361, 5429, 5630, 5622, 5644, 5562, 5498, 5722, 5610, 5696, 5311, 5452, 5515, 5278, 5693, 5699, 5589, 5661, 5348 (3 hits)
11	9	1.0	333.0	Yes	5551.8MHz ,-64.0dBm	Hop sequence: 5544, 5300, 5539, 5689, 5583, 5628, 5697, 5314, 5254, 5637, 5251, 5392, 5297, 5289, 5608, 5663, 5389, 5647, 5486, 5294, 5512, 5431, 5593, 5662, 5545, 5479, 5666, 5423, 5422, 5327, 5605, 5624, 5331, 5373, 5337, 5692, 5348, 5418, 5594, 5680, 5436, 5449, 5575, 5524, 5613, 5290, 5451, 5642, 5721, 5440, 5434, 5277, 5522, 5693, 5414, 5654, 5519, 5352, 5286, 5338, 5708, 5560, 5715, 5549, 5366, 5669, 5627, 5616, 5683, 5655, 5359, 5694, 5570, 5495, 5361, 5492, 5375, 5404, 5273, 5258, 5485, 5710, 5521, 5619, 5595, 5464, 5409, 5412, 5565, 5343, 5425, 5700, 5670, 5456, 5646,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5390, 5401, 5585, 5453, 5483 (3 hits)
12	9	1.0	333.0	Yes	5552.8MHz ,-64.0dBm	Hop sequence: 5293, 5721, 5627, 5453, 5450, 5313, 5389, 5575, 5517, 5270, 5258, 5408, 5620, 5548, 5468, 5500, 5360, 5481, 5356, 5667, 5587, 5289, 5650, 5549, 5669, 5306, 5444, 5543, 5338, 5267, 5701, 5666, 5409, 5256, 5690, 5685, 5694, 5284, 5535, 5636, 5551, 5720, 5526, 5542, 5316, 5637, 5657, 5382, 5607, 5594, 5388, 5290, 5529, 5372, 5325, 5384, 5301, 5391, 5585, 5601, 5283, 5251, 5541, 5366, 5682, 5606, 5610, 5564, 5281, 5348, 5310, 5659, 5365, 5446, 5477, 5602, 5438, 5554, 5403, 5633, 5393, 5686, 5518, 5458, 5380, 5434, 5689, 5641, 5460, 5400, 5534, 5527, 5723, 5714, 5392, 5567, 5600, 5661, 5428, 5710 (6 hits)
13	9	1.0	333.0	Yes	5553.8MHz ,-64.0dBm	Hop sequence: 5548, 5267, 5342, 5692, 5710, 5667, 5313, 5365, 5686, 5417, 5534, 5519, 5362, 5343, 5489, 5694, 5691, 5647, 5512, 5296, 5677, 5426, 5305, 5367, 5569, 5337, 5424, 5648, 5514, 5409, 5294, 5412, 5682, 5336, 5353, 5549, 5354, 5617, 5634, 5721, 5610, 5298, 5284, 5566, 5666, 5432, 5335, 5508, 5252, 5338, 5499, 5383, 5369, 5504, 5530, 5543, 5470, 5458, 5306, 5521, 5541, 5475, 5388, 5505, 5467, 5302, 5672, 5416, 5316, 5322, 5676, 5523, 5264, 5688, 5604, 5317, 5352, 5481, 5696, 5406, 5299, 5266, 5386, 5357, 5668, 5471, 5510, 5370, 5288, 5251, 5720, 5289, 5689, 5285, 5356, 5283, 5616, 5653, 5545, 5639 (4 hits)
14	9	1.0	333.0	Yes	5554.8MHz ,-64.0dBm	Hop sequence: 5538, 5614, 5474, 5405, 5554, 5587, 5357, 5689, 5315, 5418, 5392, 5252, 5663, 5560, 5672, 5383, 5600, 5277, 5711, 5292, 5376, 5256, 5366, 5584, 5518, 5526, 5301, 5620, 5467, 5561, 5434, 5351, 5455, 5332, 5264, 5585, 5288, 5274, 5390, 5257, 5608, 5456, 5486, 5365, 5619, 5633, 5639, 5372, 5533, 5479, 5640, 5501, 5592, 5548, 5677, 5348, 5520, 5515, 5460, 5331, 5306, 5362, 5426, 5353, 5588, 5380, 5673, 5634, 5649, 5489, 5551, 5412, 5284, 5254, 5622, 5586, 5319, 5442, 5293, 5286, 5504, 5564, 5476, 5285, 5695, 5562, 5683, 5466, 5574, 5624, 5485, 5573, 5668, 5368, 5702, 5344, 5632, 5468, 5628, 5436 (3 hits)
15	9	1.0	333.0	Yes	5555.8MHz ,-64.0dBm	Hop sequence: 5510, 5514, 5349, 5388, 5374, 5623, 5310, 5706, 5689, 5594, 5461, 5469, 5561, 5330, 5496, 5435, 5524, 5544, 5442, 5541, 5715, 5654, 5432, 5508, 5471, 5650, 5379, 5265, 5573, 5653, 5277, 5462, 5597, 5452, 5686, 5552, 5444, 5574, 5366, 5499, 5465, 5352, 5531, 5537, 5344, 5295, 5501, 5530, 5362, 5490, 5405, 5512, 5372, 5635, 5285, 5259, 5580, 5356, 5336, 5608,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5359, 5504, 5424, 5302, 5287, 5694, 5294, 5445, 5596, 5280, 5710, 5387, 5270, 5661, 5367, 5305, 5582, 5281, 5473, 5663, 5491, 5288, 5438, 5494, 5454, 5317, 5589, 5373, 5662, 5584, 5333, 5485, 5665, 5256, 5357, 5644, 5334, 5599, 5429, 5255 (2 hits)
16	9	1.0	333.0	Yes	5556.8MHz ,-64.0dBm	Hop sequence: 5622, 5610, 5411, 5540, 5617, 5552, 5624, 5308, 5687, 5620, 5373, 5601, 5503, 5490, 5462, 5379, 5280, 5454, 5519, 5663, 5685, 5501, 5561, 5458, 5273, 5311, 5476, 5580, 5524, 5715, 5284, 5710, 5513, 5356, 5425, 5468, 5708, 5255, 5397, 5401, 5362, 5424, 5418, 5709, 5664, 5713, 5691, 5644, 5260, 5279, 5364, 5332, 5614, 5690, 5344, 5289, 5258, 5327, 5375, 5421, 5539, 5487, 5564, 5659, 5637, 5419, 5446, 5275, 5337, 5322, 5544, 5296, 5290, 5712, 5262, 5306, 5594, 5451, 5661, 5369, 5377, 5315, 5459, 5326, 5340, 5719, 5584, 5504, 5352, 5412, 5489, 5597, 5385, 5266, 5371, 5694, 5521, 5565, 5582, 5391 (2 hits)
17	9	1.0	333.0	Yes	5557.8MHz ,-64.0dBm	Hop sequence: 5619, 5470, 5409, 5635, 5632, 5323, 5610, 5633, 5311, 5627, 5278, 5314, 5473, 5352, 5468, 5507, 5441, 5391, 5513, 5458, 5553, 5392, 5613, 5387, 5539, 5317, 5693, 5653, 5576, 5274, 5457, 5688, 5251, 5689, 5281, 5276, 5661, 5270, 5567, 5540, 5440, 5291, 5672, 5683, 5503, 5467, 5497, 5495, 5266, 5650, 5405, 5622, 5624, 5687, 5677, 5444, 5367, 5547, 5333, 5589, 5398, 5639, 5717, 5394, 5665, 5651, 5376, 5383, 5382, 5268, 5680, 5560, 5351, 5377, 5310, 5631, 5426, 5706, 5335, 5446, 5527, 5482, 5404, 5715, 5286, 5448, 5412, 5579, 5504, 5456, 5700, 5466, 5397, 5465, 5671, 5582, 5625, 5523, 5408, 5525 (2 hits)
18	9	1.0	333.0	Yes	5558.2MHz ,-64.0dBm	Hop sequence: 5594, 5255, 5650, 5538, 5516, 5299, 5608, 5473, 5311, 5417, 5374, 5393, 5561, 5264, 5499, 5447, 5321, 5616, 5509, 5706, 5469, 5550, 5292, 5355, 5400, 5644, 5449, 5371, 5403, 5345, 5687, 5665, 5366, 5476, 5623, 5348, 5339, 5621, 5370, 5714, 5470, 5544, 5583, 5547, 5588, 5362, 5540, 5634, 5517, 5718, 5663, 5584, 5441, 5395, 5278, 5577, 5651, 5612, 5274, 5402, 5342, 5609, 5537, 5338, 5691, 5700, 5497, 5401, 5320, 5465, 5645, 5579, 5307, 5683, 5376, 5620, 5532, 5450, 5475, 5277, 5340, 5312, 5578, 5654, 5721, 5682, 5625, 5326, 5703, 5707, 5669, 5496, 5356, 5531, 5535, 5351, 5413, 5690, 5512, 5382 (3 hits)
19	9	1.0	333.0	Yes	5541.8MHz ,-64.0dBm	Hop sequence: 5523, 5375, 5607, 5649, 5354, 5553, 5316, 5504, 5309, 5671, 5514, 5471, 5442, 5362, 5342, 5618, 5440, 5478, 5446, 5549, 5694, 5359, 5276, 5632, 5464,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5380, 5436, 5719, 5706, 5577, 5564, 5258, 5595, 5652, 5506, 5576, 5367, 5639, 5426, 5285, 5291, 5604, 5361, 5263, 5567, 5634, 5669, 5310, 5254, 5391, 5637, 5324, 5341, 5402, 5667, 5462, 5253, 5717, 5455, 5290, 5328, 5692, 5377, 5542, 5388, 5598, 5707, 5411, 5726, 5270, 5704, 5398, 5494, 5648, 5520, 5274, 5481, 5389, 5260, 5628, 5583, 5269, 5688, 5572, 5551, 5387, 5550, 5430, 5534, 5596, 5697, 5580, 5295, 5650, 5715, 5546, 5382, 5343, 5319, 5615 (6 hits)
20	9	1.0	333.0	Yes	5542.8MHz ,-64.0dBm	Hop sequence: 5658, 5470, 5589, 5673, 5567, 5322, 5274, 5498, 5605, 5645, 5306, 5691, 5484, 5619, 5708, 5294, 5465, 5343, 5444, 5639, 5257, 5603, 5416, 5616, 5534, 5598, 5613, 5389, 5526, 5279, 5536, 5522, 5284, 5251, 5490, 5296, 5466, 5725, 5606, 5590, 5623, 5631, 5363, 5437, 5608, 5614, 5707, 5438, 5511, 5379, 5683, 5457, 5581, 5660, 5475, 5319, 5591, 5459, 5421, 5265, 5283, 5713, 5649, 5291, 5663, 5583, 5574, 5546, 5285, 5332, 5634, 5699, 5392, 5455, 5267, 5503, 5571, 5318, 5633, 5487, 5662, 5523, 5668, 5442, 5722, 5569, 5579, 5383, 5304, 5300, 5539, 5611, 5298, 5531, 5311, 5615, 5282, 5254, 5496, 5551 (2 hits)
21	9	1.0	333.0	No	5543.8MHz ,-64.0dBm	Hop sequence: 5310, 5575, 5393, 5445, 5651, 5572, 5581, 5672, 5308, 5449, 5611, 5653, 5636, 5285, 5669, 5267, 5598, 5522, 5411, 5621, 5281, 5448, 5486, 5634, 5370, 5441, 5667, 5291, 5384, 5616, 5414, 5404, 5593, 5391, 5429, 5659, 5724, 5499, 5280, 5506, 5427, 5424, 5279, 5415, 5587, 5536, 5335, 5600, 5693, 5418, 5564, 5463, 5326, 5319, 5298, 5428, 5328, 5269, 5627, 5576, 5262, 5617, 5346, 5584, 5283, 5354, 5259, 5301, 5495, 5565, 5594, 5508, 5297, 5358, 5524, 5644, 5684, 5706, 5487, 5313, 5348, 5637, 5709, 5473, 5261, 5467, 5461, 5638, 5327, 5688, 5592, 5498, 5286, 5305, 5703, 5409, 5629, 5401, 5372, 5545 (1 hits)
22	9	1.0	333.0	Yes	5544.8MHz ,-64.0dBm	Hop sequence: 5476, 5508, 5379, 5500, 5385, 5457, 5402, 5456, 5253, 5557, 5375, 5485, 5549, 5579, 5396, 5470, 5631, 5542, 5301, 5269, 5483, 5272, 5539, 5263, 5617, 5686, 5595, 5459, 5693, 5333, 5438, 5633, 5532, 5472, 5261, 5337, 5278, 5661, 5418, 5677, 5293, 5706, 5623, 5649, 5260, 5679, 5683, 5684, 5619, 5527, 5550, 5351, 5580, 5439, 5583, 5510, 5339, 5350, 5370, 5362, 5404, 5491, 5563, 5711, 5344, 5625, 5463, 5466, 5545, 5444, 5570, 5486, 5306, 5416, 5468, 5573, 5688, 5572, 5277, 5417, 5399, 5515, 5282, 5477, 5538, 5725, 5615, 5448, 5716, 5298, 5655, 5562, 5259, 5493, 5705,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5528, 5511, 5451, 5273, 5388 (5 hits)
23	9	1.0	333.0	Yes	5545.8MHz ,-64.0dBm	Hop sequence: 5347, 5264, 5314, 5303, 5367, 5705, 5353, 5376, 5675, 5362, 5423, 5348, 5693, 5519, 5584, 5607, 5688, 5537, 5618, 5498, 5581, 5415, 5306, 5694, 5276, 5719, 5639, 5369, 5454, 5531, 5437, 5445, 5311, 5704, 5279, 5473, 5338, 5555, 5431, 5545, 5488, 5715, 5463, 5288, 5556, 5528, 5354, 5625, 5378, 5562, 5458, 5336, 5400, 5665, 5497, 5697, 5342, 5632, 5500, 5600, 5394, 5668, 5477, 5340, 5560, 5689, 5628, 5614, 5650, 5643, 5268, 5464, 5652, 5659, 5558, 5671, 5380, 5334, 5593, 5305, 5523, 5526, 5617, 5510, 5692, 5641, 5468, 5449, 5265, 5658, 5328, 5525, 5580, 5368, 5696, 5611, 5410, 5404, 5508, 5505 (4 hits)
24	9	1.0	333.0	Yes	5546.8MHz ,-64.0dBm	Hop sequence: 5483, 5383, 5299, 5478, 5656, 5686, 5538, 5287, 5387, 5284, 5484, 5646, 5548, 5255, 5606, 5666, 5698, 5560, 5285, 5498, 5404, 5361, 5403, 5685, 5454, 5714, 5487, 5295, 5311, 5470, 5674, 5595, 5378, 5349, 5430, 5603, 5326, 5688, 5271, 5594, 5315, 5590, 5521, 5348, 5476, 5706, 5416, 5289, 5709, 5723, 5452, 5559, 5456, 5711, 5626, 5627, 5537, 5718, 5585, 5333, 5336, 5605, 5524, 5323, 5317, 5398, 5587, 5394, 5301, 5520, 5352, 5337, 5320, 5712, 5669, 5370, 5653, 5533, 5254, 5597, 5663, 5399, 5563, 5356, 5347, 5388, 5308, 5283, 5584, 5553, 5556, 5657, 5490, 5555, 5346, 5379, 5341, 5327, 5288, 5618 (4 hits)
25	9	1.0	333.0	Yes	5547.8MHz ,-64.0dBm	Hop sequence: 5511, 5671, 5439, 5308, 5509, 5392, 5657, 5264, 5452, 5491, 5612, 5395, 5668, 5478, 5480, 5307, 5257, 5632, 5688, 5646, 5387, 5365, 5311, 5416, 5566, 5540, 5347, 5330, 5680, 5404, 5667, 5704, 5398, 5345, 5722, 5493, 5601, 5623, 5432, 5497, 5275, 5350, 5362, 5706, 5454, 5356, 5386, 5390, 5581, 5591, 5440, 5349, 5322, 5424, 5499, 5552, 5324, 5665, 5539, 5372, 5660, 5429, 5337, 5428, 5357, 5444, 5423, 5683, 5267, 5481, 5407, 5363, 5420, 5686, 5473, 5648, 5689, 5533, 5572, 5375, 5513, 5608, 5508, 5618, 5286, 5504, 5280, 5344, 5259, 5425, 5586, 5261, 5669, 5538, 5298, 5314, 5271, 5456, 5326, 5485 (1 hits)
26	9	1.0	333.0	No	5548.8MHz ,-64.0dBm	Hop sequence: 5364, 5466, 5489, 5719, 5292, 5438, 5280, 5441, 5577, 5615, 5568, 5291, 5317, 5421, 5300, 5716, 5497, 5681, 5411, 5513, 5387, 5399, 5345, 5360, 5696, 5581, 5448, 5686, 5444, 5335, 5480, 5571, 5692, 5395, 5303, 5641, 5583, 5404, 5367, 5358, 5717, 5562, 5467, 5258, 5617, 5376, 5328, 5426, 5652, 5354, 5679, 5264, 5543, 5481, 5621, 5523, 5705, 5648, 5279, 5287,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5423, 5580, 5266, 5676, 5375, 5366, 5646, 5618, 5674, 5326, 5385, 5704, 5565, 5520, 5322, 5487, 5531, 5397, 5653, 5495, 5613, 5392, 5362, 5449, 5575, 5340, 5560, 5594, 5252, 5522, 5492, 5306, 5700, 5595, 5516, 5422, 5484, 5723, 5390, 5475 (1 hits)
27	9	1.0	333.0	Yes	5549.8MHz ,-64.0dBm	Hop sequence: 5400, 5294, 5561, 5493, 5309, 5414, 5521, 5404, 5259, 5375, 5286, 5323, 5298, 5546, 5626, 5564, 5441, 5310, 5341, 5477, 5307, 5322, 5548, 5688, 5450, 5696, 5523, 5372, 5518, 5634, 5533, 5316, 5685, 5522, 5488, 5516, 5492, 5358, 5726, 5446, 5573, 5701, 5402, 5409, 5330, 5665, 5534, 5301, 5485, 5633, 5659, 5264, 5415, 5694, 5388, 5603, 5468, 5391, 5281, 5396, 5470, 5622, 5426, 5444, 5342, 5503, 5335, 5536, 5427, 5596, 5256, 5652, 5526, 5589, 5421, 5274, 5399, 5650, 5255, 5532, 5648, 5473, 5610, 5697, 5350, 5527, 5258, 5707, 5563, 5507, 5539, 5348, 5595, 5326, 5643, 5530, 5684, 5448, 5451, 5653 (2 hits)
28	9	1.0	333.0	Yes	5550.8MHz ,-64.0dBm	Hop sequence: 5294, 5671, 5531, 5586, 5466, 5516, 5470, 5302, 5601, 5548, 5490, 5574, 5542, 5452, 5616, 5553, 5343, 5475, 5625, 5638, 5492, 5335, 5443, 5716, 5442, 5661, 5254, 5654, 5257, 5300, 5565, 5289, 5632, 5444, 5449, 5491, 5453, 5676, 5267, 5547, 5698, 5411, 5649, 5717, 5428, 5613, 5325, 5350, 5629, 5346, 5605, 5284, 5432, 5305, 5420, 5458, 5504, 5535, 5524, 5274, 5251, 5312, 5484, 5418, 5421, 5573, 5624, 5513, 5275, 5397, 5563, 5472, 5520, 5348, 5640, 5448, 5351, 5341, 5562, 5404, 5580, 5285, 5414, 5320, 5373, 5694, 5476, 5514, 5648, 5400, 5701, 5720, 5673, 5569, 5309, 5261, 5424, 5330, 5527, 5570 (4 hits)
29	9	1.0	333.0	Yes	5551.8MHz ,-64.0dBm	Hop sequence: 5464, 5719, 5604, 5384, 5671, 5563, 5297, 5348, 5625, 5285, 5713, 5371, 5615, 5435, 5325, 5454, 5633, 5457, 5426, 5669, 5602, 5291, 5512, 5275, 5407, 5650, 5352, 5685, 5316, 5387, 5324, 5465, 5263, 5411, 5621, 5586, 5574, 5571, 5720, 5687, 5578, 5479, 5434, 5480, 5300, 5359, 5724, 5525, 5477, 5313, 5287, 5648, 5717, 5497, 5461, 5271, 5278, 5654, 5662, 5587, 5288, 5286, 5588, 5500, 5368, 5402, 5443, 5474, 5702, 5428, 5562, 5425, 5421, 5256, 5695, 5381, 5351, 5691, 5565, 5298, 5451, 5701, 5333, 5499, 5640, 5289, 5279, 5656, 5322, 5485, 5613, 5467, 5332, 5598, 5629, 5551, 5350, 5532, 5653, 5382 (1 hits)
30	9	1.0	333.0	Yes	5552.8MHz ,-64.0dBm	Hop sequence: 5657, 5312, 5273, 5658, 5280, 5573, 5308, 5290, 5444, 5628, 5718, 5554, 5282, 5492, 5651, 5392, 5629, 5405, 5505, 5323, 5330, 5590, 5648, 5656, 5604,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5422, 5380, 5351, 5707, 5451, 5526, 5404, 5597, 5254, 5550, 5258, 5681, 5373, 5680, 5712, 5454, 5403, 5671, 5600, 5288, 5386, 5429, 5335, 5316, 5292, 5314, 5637, 5321, 5307, 5300, 5358, 5511, 5538, 5568, 5377, 5510, 5539, 5397, 5328, 5551, 5425, 5705, 5663, 5417, 5334, 5480, 5692, 5713, 5366, 5450, 5595, 5512, 5345, 5475, 5285, 5305, 5588, 5508, 5384, 5528, 5471, 5279, 5683, 5612, 5420, 5616, 5467, 5688, 5556, 5368, 5549, 5700, 5332, 5636, 5655 (5 hits)
31	9	1.0	333.0	Yes	5553.8MHz ,-64.0dBm	Hop sequence: 5586, 5500, 5366, 5644, 5713, 5460, 5699, 5302, 5543, 5661, 5503, 5552, 5438, 5711, 5594, 5707, 5267, 5509, 5695, 5364, 5554, 5692, 5473, 5437, 5325, 5506, 5402, 5421, 5635, 5585, 5315, 5301, 5414, 5393, 5499, 5643, 5667, 5281, 5356, 5391, 5564, 5390, 5491, 5288, 5705, 5427, 5407, 5710, 5305, 5351, 5450, 5289, 5411, 5619, 5598, 5627, 5532, 5666, 5250, 5455, 5611, 5359, 5278, 5682, 5363, 5357, 5489, 5465, 5398, 5634, 5374, 5299, 5517, 5331, 5262, 5413, 5260, 5431, 5540, 5319, 5626, 5462, 5386, 5279, 5452, 5487, 5318, 5507, 5478, 5525, 5545, 5689, 5443, 5439, 5638, 5566, 5313, 5659, 5472, 5581 (4 hits)
32	9	1.0	333.0	Yes	5554.8MHz ,-64.0dBm	Hop sequence: 5670, 5390, 5685, 5543, 5350, 5621, 5437, 5451, 5514, 5266, 5377, 5263, 5439, 5434, 5710, 5662, 5502, 5372, 5365, 5619, 5538, 5261, 5521, 5464, 5435, 5415, 5519, 5522, 5488, 5551, 5479, 5399, 5634, 5693, 5563, 5715, 5622, 5496, 5354, 5531, 5660, 5401, 5457, 5537, 5644, 5611, 5726, 5694, 5604, 5707, 5686, 5353, 5534, 5506, 5609, 5699, 5504, 5607, 5657, 5346, 5680, 5540, 5712, 5386, 5568, 5491, 5304, 5517, 5673, 5357, 5299, 5560, 5443, 5623, 5408, 5269, 5565, 5340, 5717, 5599, 5636, 5325, 5545, 5716, 5508, 5548, 5647, 5289, 5683, 5579, 5424, 5387, 5674, 5416, 5363, 5307, 5445, 5536, 5486, 5477 (4 hits)
33	9	1.0	333.0	No	5555.8MHz ,-64.0dBm	Hop sequence: 5459, 5466, 5412, 5472, 5434, 5577, 5592, 5489, 5359, 5253, 5514, 5462, 5485, 5450, 5256, 5583, 5576, 5659, 5666, 5510, 5493, 5654, 5564, 5458, 5449, 5378, 5520, 5562, 5476, 5682, 5408, 5595, 5331, 5487, 5687, 5698, 5693, 5286, 5584, 5497, 5263, 5369, 5377, 5660, 5658, 5353, 5644, 5568, 5298, 5590, 5354, 5291, 5486, 5297, 5338, 5559, 5638, 5305, 5416, 5402, 5500, 5710, 5337, 5688, 5436, 5348, 5379, 5401, 5556, 5598, 5540, 5525, 5374, 5720, 5560, 5697, 5716, 5265, 5373, 5645, 5683, 5675, 5643, 5438, 5343, 5304, 5501, 5308, 5364, 5708, 5492, 5665, 5705, 5414, 5699,

Table 130 - FCC frequency hopping radar (Type 6) Results 20 MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
						5264, 5274, 5398, 5319, 5717 (1 hits)
34	9	1.0	333.0	Yes	5556.8MHz ,-64.0dBm	Hop sequence: 5321, 5370, 5448, 5266, 5411, 5467, 5599, 5575, 5638, 5254, 5629, 5251, 5619, 5478, 5646, 5307, 5298, 5535, 5325, 5578, 5394, 5310, 5369, 5449, 5480, 5536, 5355, 5459, 5419, 5437, 5275, 5353, 5292, 5603, 5253, 5345, 5308, 5635, 5511, 5622, 5268, 5642, 5585, 5527, 5279, 5306, 5349, 5562, 5522, 5512, 5336, 5424, 5654, 5663, 5416, 5640, 5256, 5382, 5392, 5377, 5507, 5286, 5510, 5490, 5455, 5444, 5340, 5491, 5293, 5323, 5605, 5471, 5560, 5506, 5694, 5376, 5594, 5699, 5724, 5584, 5258, 5262, 5546, 5589, 5502, 5470, 5326, 5434, 5570, 5380, 5291, 5302, 5703, 5705, 5375, 5534, 5610, 5540, 5348, 5607 (1 hits)

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 131 - FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time [1]		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 0	0	60 ms	0.07	10 s	Pass

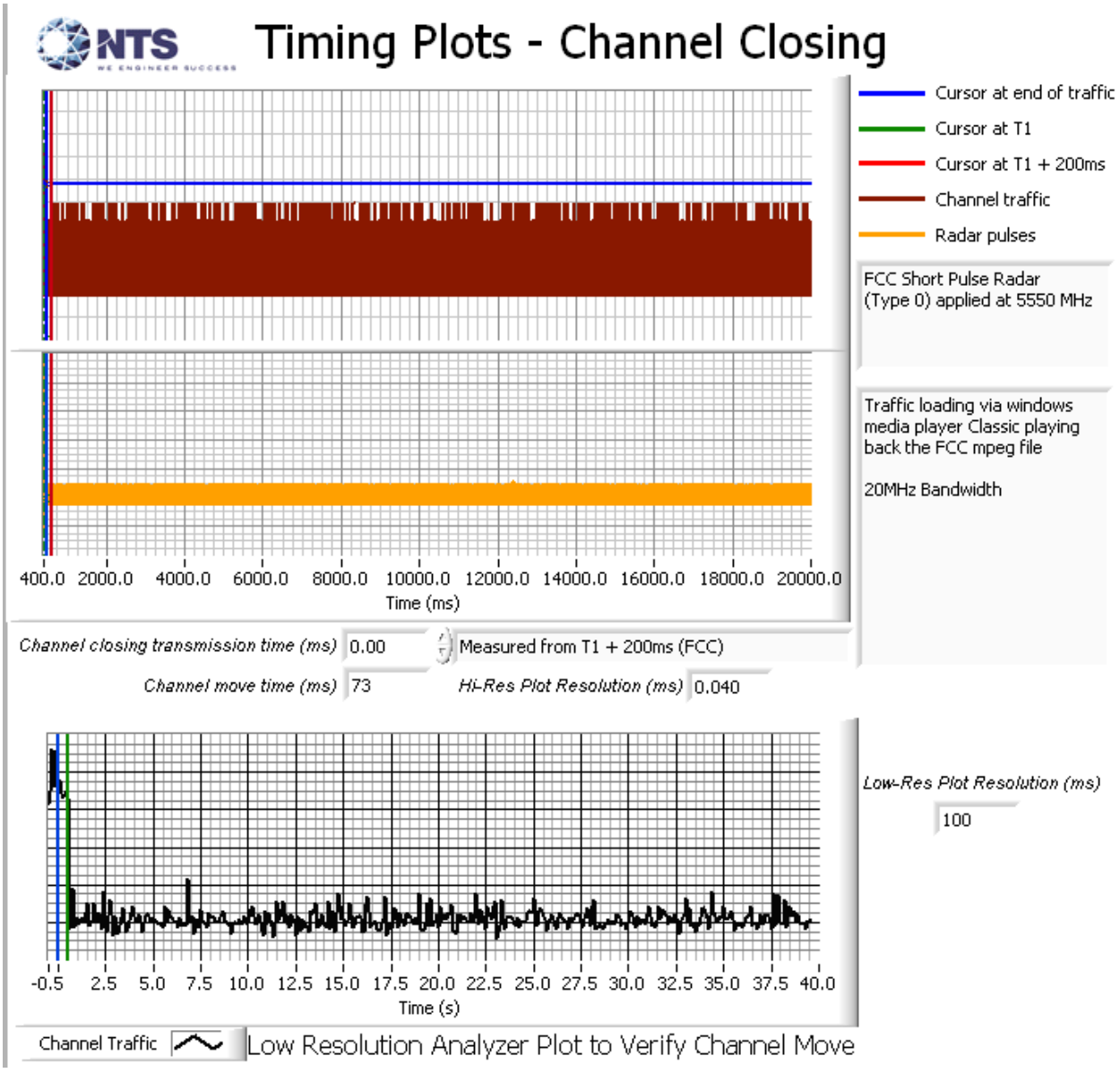

Figure 12 Channel Closing Time and Channel Move Time (20MHz BW) – 40 second plot

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

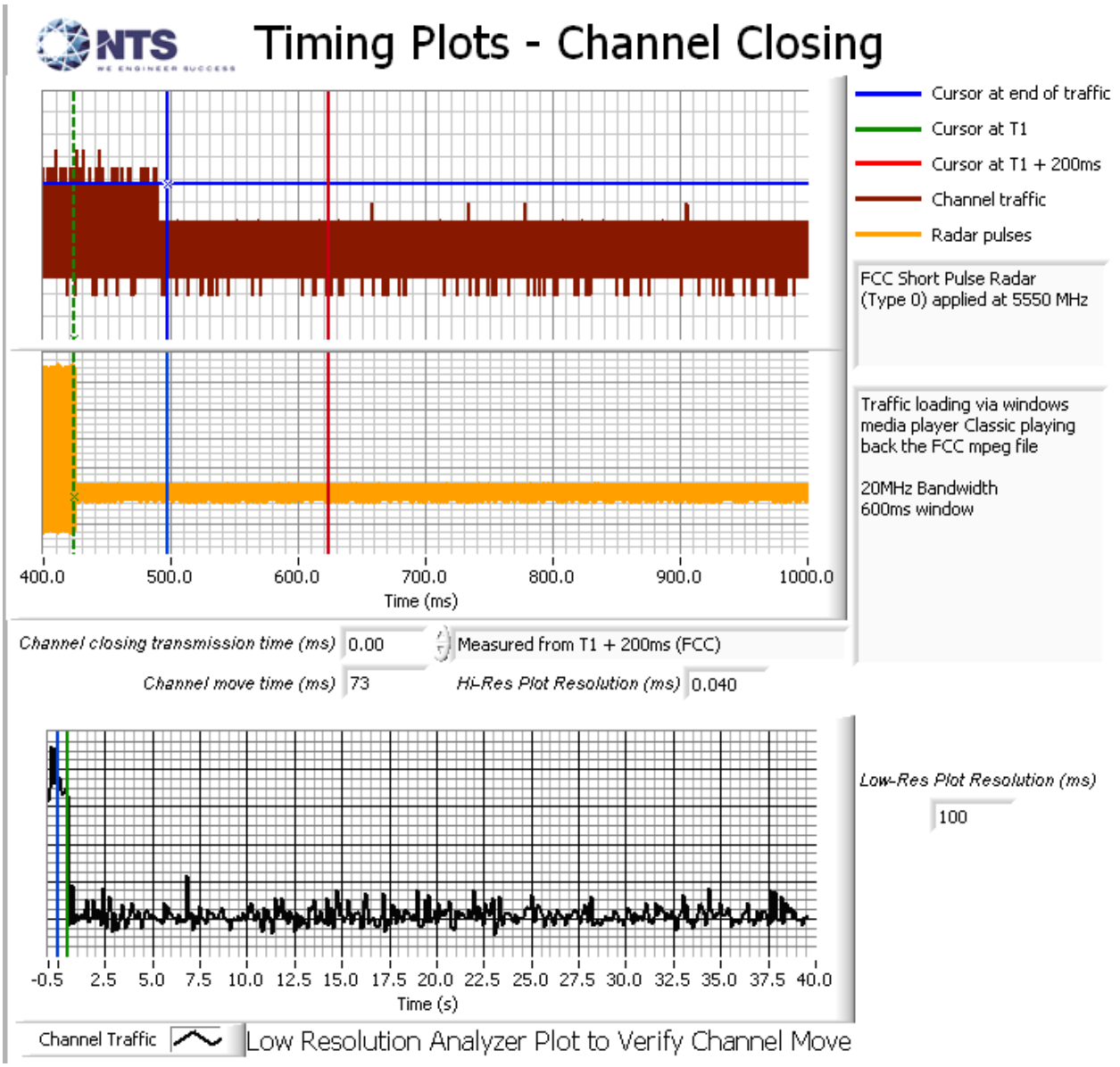

Figure 13 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (20MHz BW)

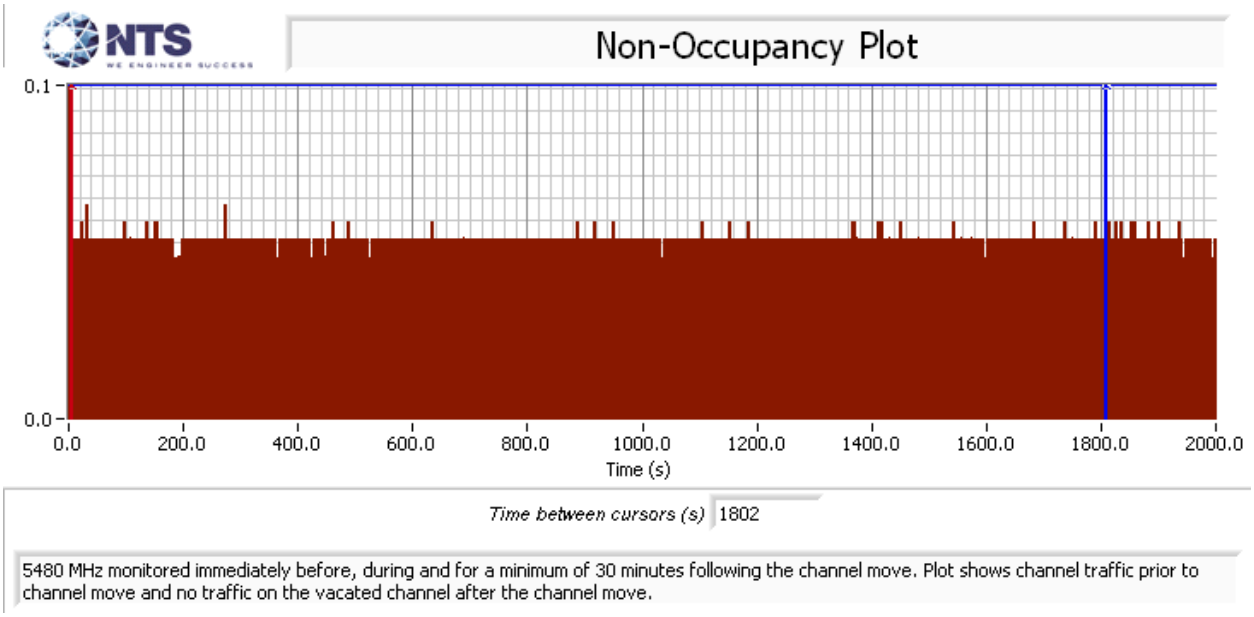

Figure 14 Radar Channel Non-Occupancy Plot (20MHz BW)

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.

Appendix D Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

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

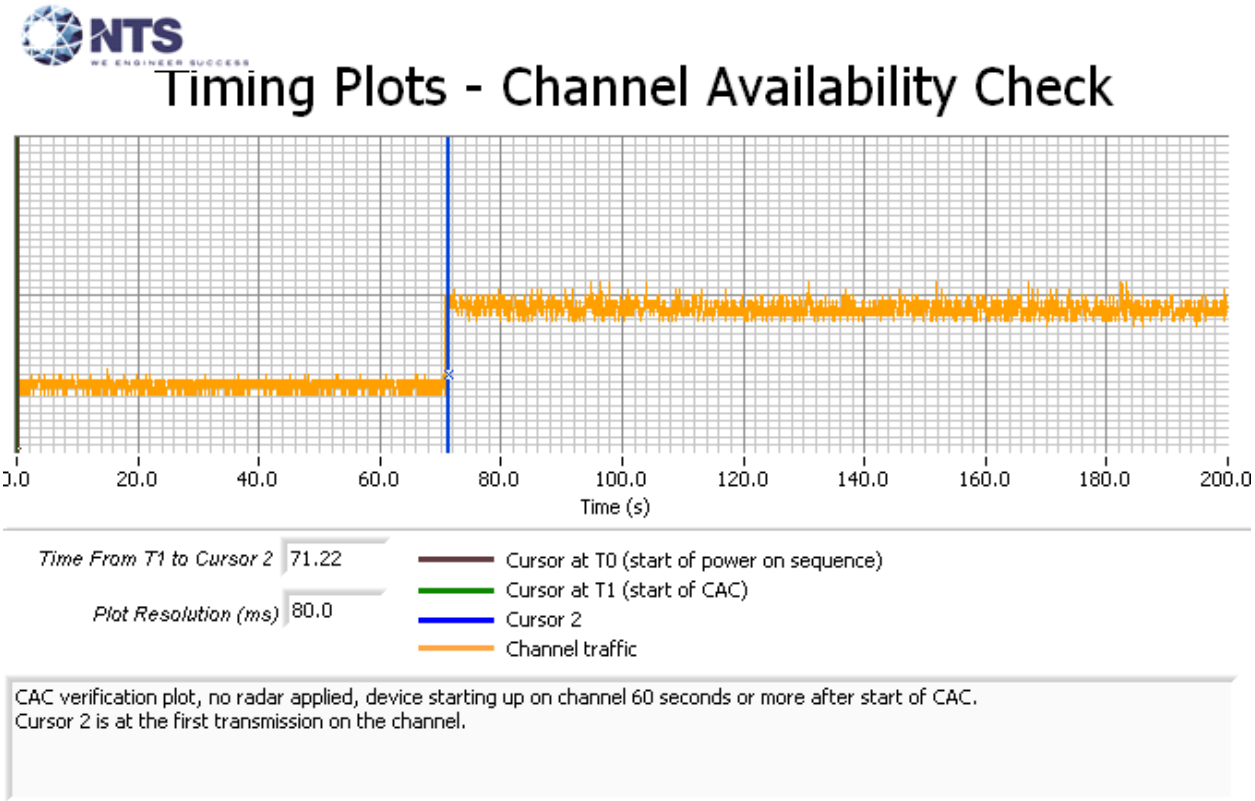

Figure 15 Plot of EUT Start-Up After CAC

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

The level of the radar signal applied was -64dBm. Measurements were made on channel 64 (5320 MHz) and also on channel 120 (5600 MHz).

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

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

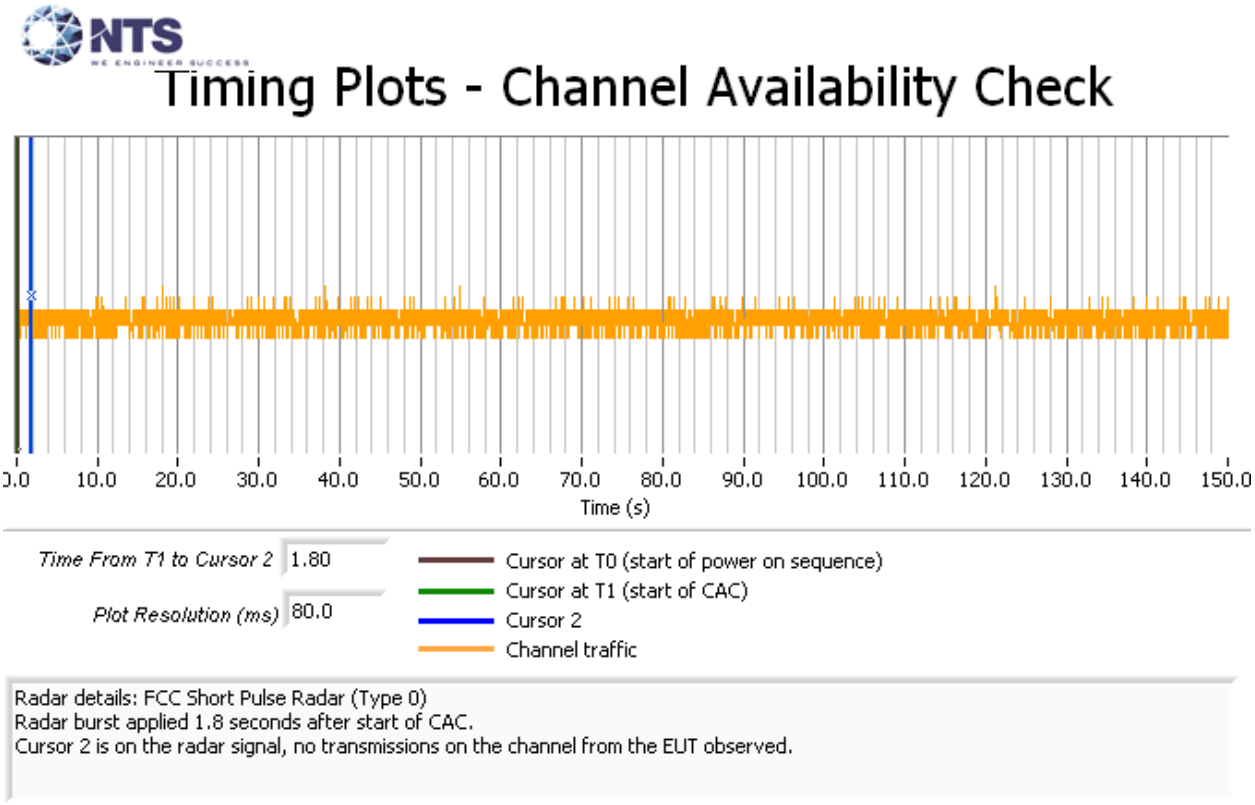

Figure 16 Radar Applied At Start of CAC

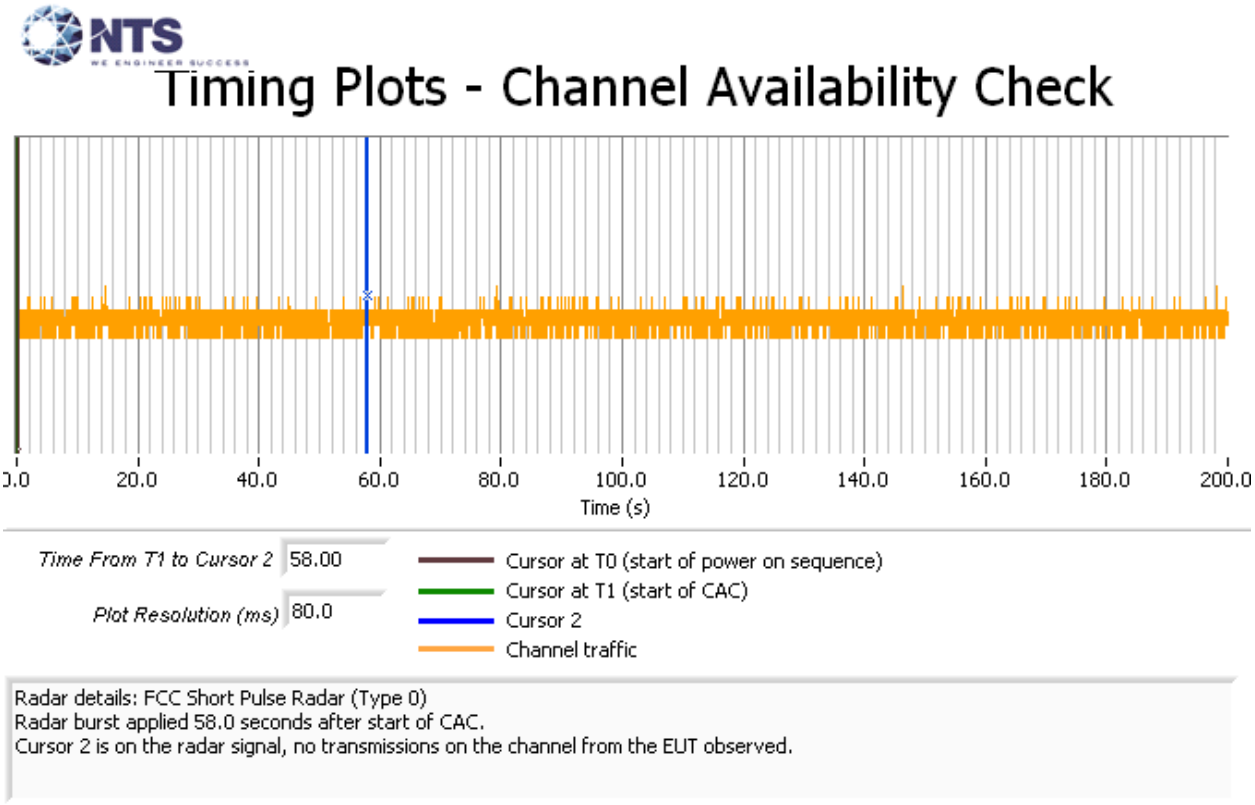

Figure 17 Radar Applied At End of CAC

Appendix E Antenna Specification

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

Other antennas offered are as follows:
A3FT3204LTPD, 3 foot, 4 degree, 32 dBi 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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