

## **TEST REPORT**

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

### **FCC Part 15 Subpart E (UNII), RSS-247 Issue 1**

### **Xirrus Inc. Model(s): XH2120**

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REPORT DATE: September 17, 2015

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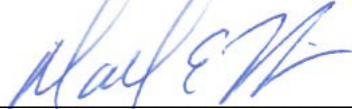
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**SCOPE**

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

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.
- RSS-247 Issue 1, Section 6.3.

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 as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Xirrus Inc. model XH2120 and therefore apply only to the tested sample. The sample was selected and prepared by Paul Zahra of Xirrus Inc.

**OBJECTIVE**

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

**STATEMENT OF COMPLIANCE**

The tested sample of the Xirrus Inc. model XH2120 complied with the DFS requirements of FCC Part 15.407(h)(2), and RSS-247 Issue 1, Section 6.3.

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

**DEVIATIONS FROM THE STANDARD**

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

**TEST RESULTS**

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

<b>Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (80MHz)</b>						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 0	5530MHz	67s	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 0	5530MHz	-64dBm	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5530MHz	-64dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	78.0MHz	100% of the 99% BW	-	Pass
Channel closing transmission time	Type 0	5530MHz	0s	≤ 260ms	Appendix C	Pass
Channel move time	Type 0	5530MHz	0.02s	≤ 10s	Appendix C	Pass
Non-occupancy period	Type 0	5530MHz	> 30 minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-
1) Tests were performed using the conducted test method. 2) The measured detection threshold is based on the master device having an antenna gain of 0 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.						

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5500MHz	-64dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	18.0 MHz	100% of the 99% BW	-	Pass
1) Tests were performed using the conducted test method. 2) The measured detection threshold is based on the master device having an antenna gain of 0 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.						

Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5510MHz	-64dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	38.0 MHz	100% of the 99% BW	-	Pass
1) Tests were performed using the conducted test method. 2) The measured detection threshold is based on the master device having an antenna gain of 0 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.						

**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 Xirrus Inc. model XH2120 is a dual radio IEEE 802.11abgn/ac hardened access point. The XH2120 supports two identical radios that can operate in any 2.4 or 5GHz band. The radios support 20, 40, and 80MHz bandwidths.

The sample was received on August 24, 2015 and tested on August 24-27, 2015. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number	FCC ID
Xirrus Inc.	XH2120	Access Point	X112528080D44	SK6-XH2120

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

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	0	0
Highest Antenna Gain (dBi)	1.0	1.0
EIRP Output Power (dBm)	25.6	25.3
99% BW (20MHz)	17.0MHz	
99% BW (40MHz)	36.7MHz	
99% BW (80MHz)	77.5MHz	

Note: Testing was performed assuming a 0dBi antenna as worst case.

Worst Case Antenna: Xirrus p/n: ANT-OMNI-1x1-04

- Power can exceed 200mW eirp

**Channel Protocol**

- IP Based

**ENCLOSURE**

The EUT enclosure measures approximately 26 by 25 by 6 centimeters. It is primarily constructed of aluminum steel.

**MODIFICATIONS**

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

**SUPPORT EQUIPMENT**

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

Manufacturer	Model	Description	Serial Number	FCC ID
HP	Compaq 8510p	Laptop (Server)	CNU8372SGZ	
PhiHong	POE31U-1AT	POE Adapter	None	
<i>Apple</i>	<i>MacBook Air A1466</i>	<i>Laptop (Client)</i>	<i>C02LVD17F5V8</i>	
Netgear	GS1205	Network Switch	3TL14B5902D18	

The italicized device was the client device.

**EUT INTERFACE PORTS**

The I/O cabling configuration during testing was as follows:

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
GigE	Remote PoE	CAT 5	Shielded	10.0
Remote PoE	Switch	CAT 5	Unshielded	1.0
Switch	Laptop Server	CAT 5	Unshielded	1.0

**EUT OPERATION**

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

Master Device: 7.5.0

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 tested channel was loaded via streaming a movie file from the EUT to the client. Additional loading was accomplished by the use of iperf. The channel loading was evaluated to be 18% (refer to figures 9-11) meeting the approximately 17% loading as required by FCC KDB 905462 D02

Tests were performed on one radio within the XH2120. The other radio was enabled, beaconing, but not associated with a client.

**RADAR WAVEFORMS**

Table 4 - FCC Short Pulse Radar Test Waveforms					
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses / burst	Minimum Detection Percentage	Minimum Number of Trials
0	1	1428	18	See <b>Note 1</b>	
1	1a	15 unique PRI values randomly selected from the list of 23 PRI values in <b>Note 2</b> below	Round Up 1/360* 19*10 <sup>6</sup> / PRI μsec	60%	15
	1b	518-3066 with minimum increment of 1 μsec, excluding PRI values selected in 1a			15
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
<b>Note 1:</b> Short Pulse Radar Type 0 is used for the detection bandwidth test, channel move time, and channel closing time tests.					
<b>Note 2:</b> Pulse repetition intervals values for Test 1a above					
Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)			
1	1930.5	518			
2	1858.7	538			
3	1792.1	558			
4	1730.1	578			
5	1672.2	598			
6	1618.1	618			
7	1567.4	638			
8	1519.8	658			
9	1474.9	678			
10	1432.7	698			
11	1392.8	718			
12	1355	738			
13	1319.3	758			
14	1285.3	778			
15	1253.1	798			
16	1222.5	818			
17	1193.3	838			
18	1165.6	858			
19	1139	878			
20	1113.6	898			
21	1089.3	918			
22	1066.1	938			
23	326.2	3066			

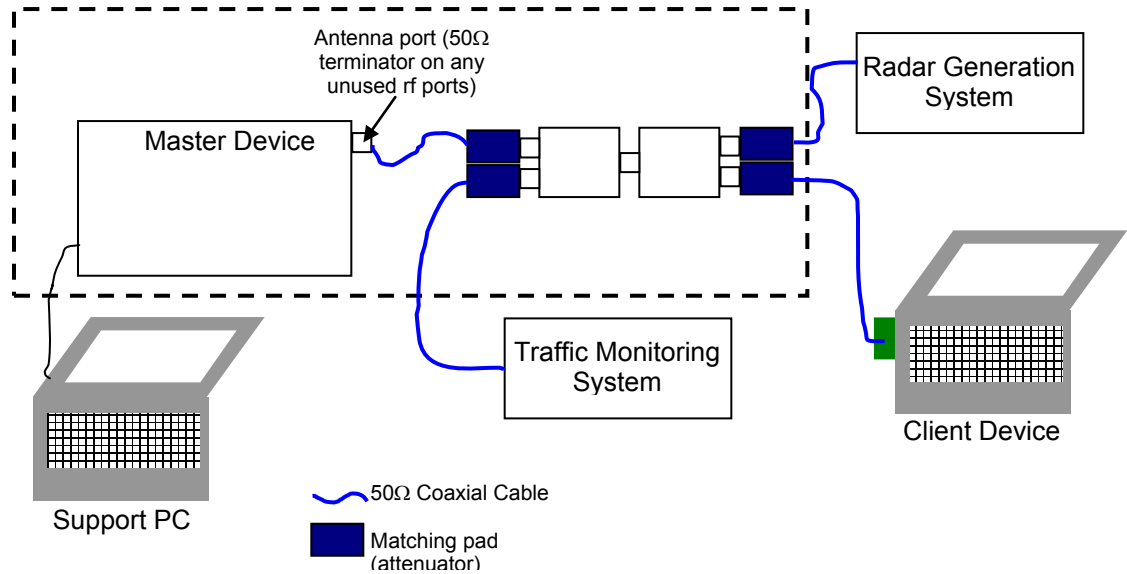
<b>Table 5 - FCC Long Pulse Radar Test Waveforms</b>							
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses / burst	Number of Bursts	Minimum Detection Percentage	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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

**DFS TEST METHODS**

**CONDUCTED TEST METHOD**

The combination of master and slave devices is located in an anechoic chamber. The simulated radar waveform is coupled into the unit performing the radar detection (radar detection device, RDD) via couplers and attenuators.



**Figure 1 Test Configuration for Conducted 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 signal level is verified by measuring the CW signal level at the coupling point to the RDD antenna port. The radar signal level is calculated from the measured level, R (dBm) and the lowest gain antenna assembly intended for use with the RDD,  $G_{RDD}$  (dBi):

$$\text{Applied level (dBm)} = R - G_{RDD}$$

If both master and client devices have radar detection capability then 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.

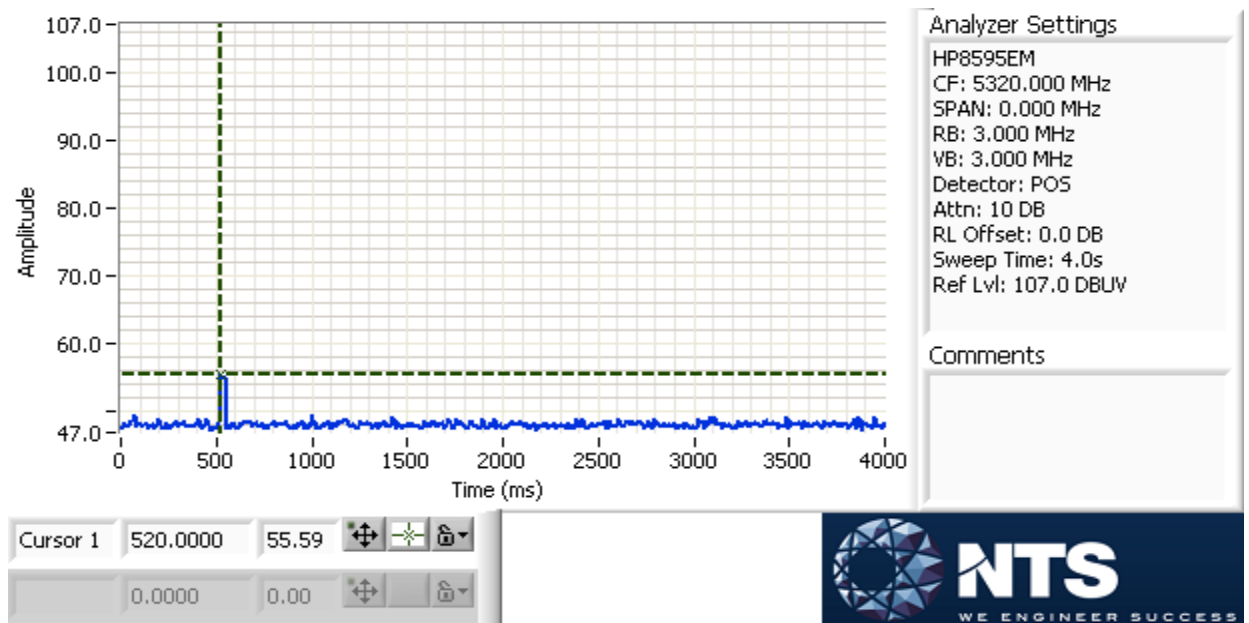
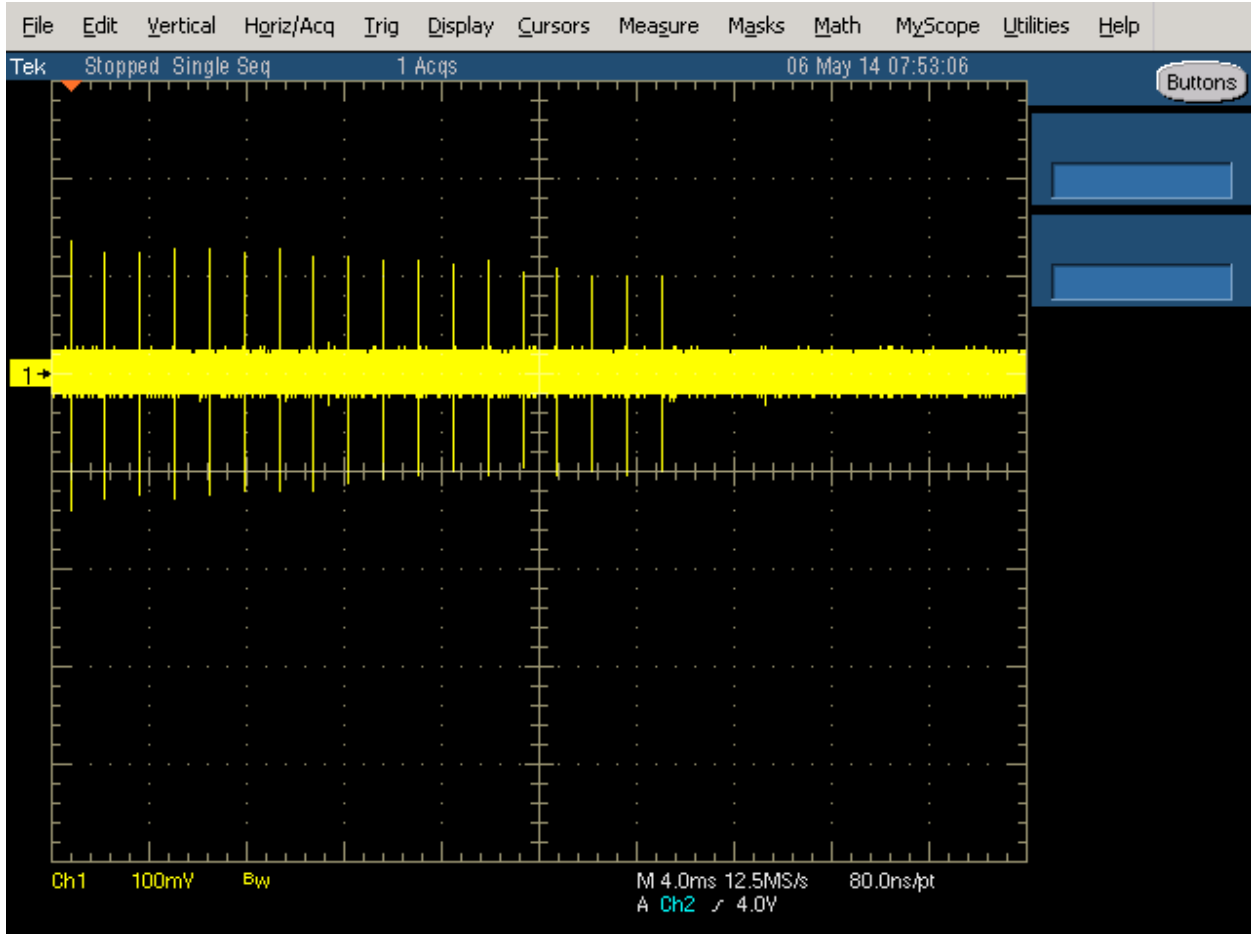


Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)

**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)**

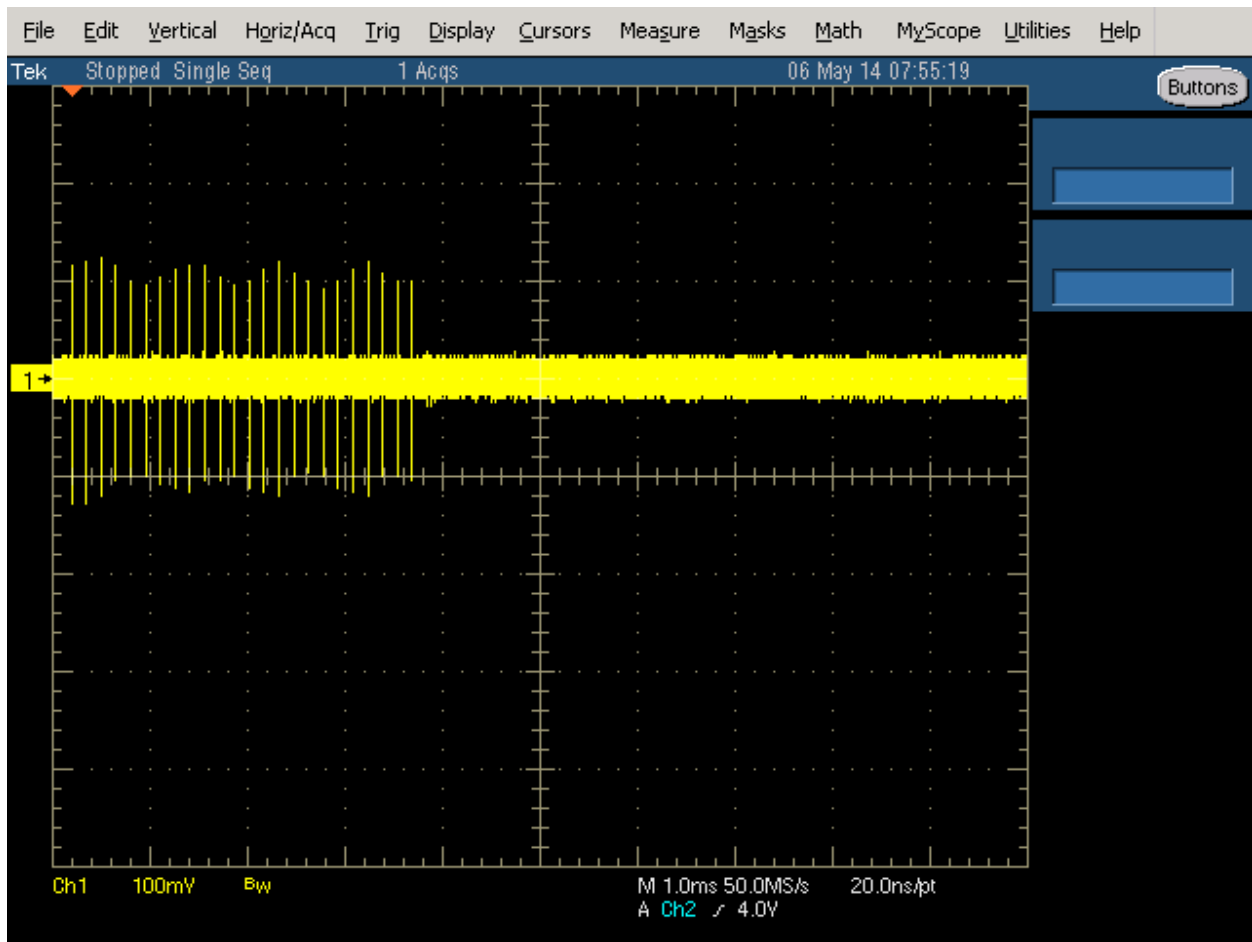


Figure 4 FCC Type 2 Radar (24 pulses)

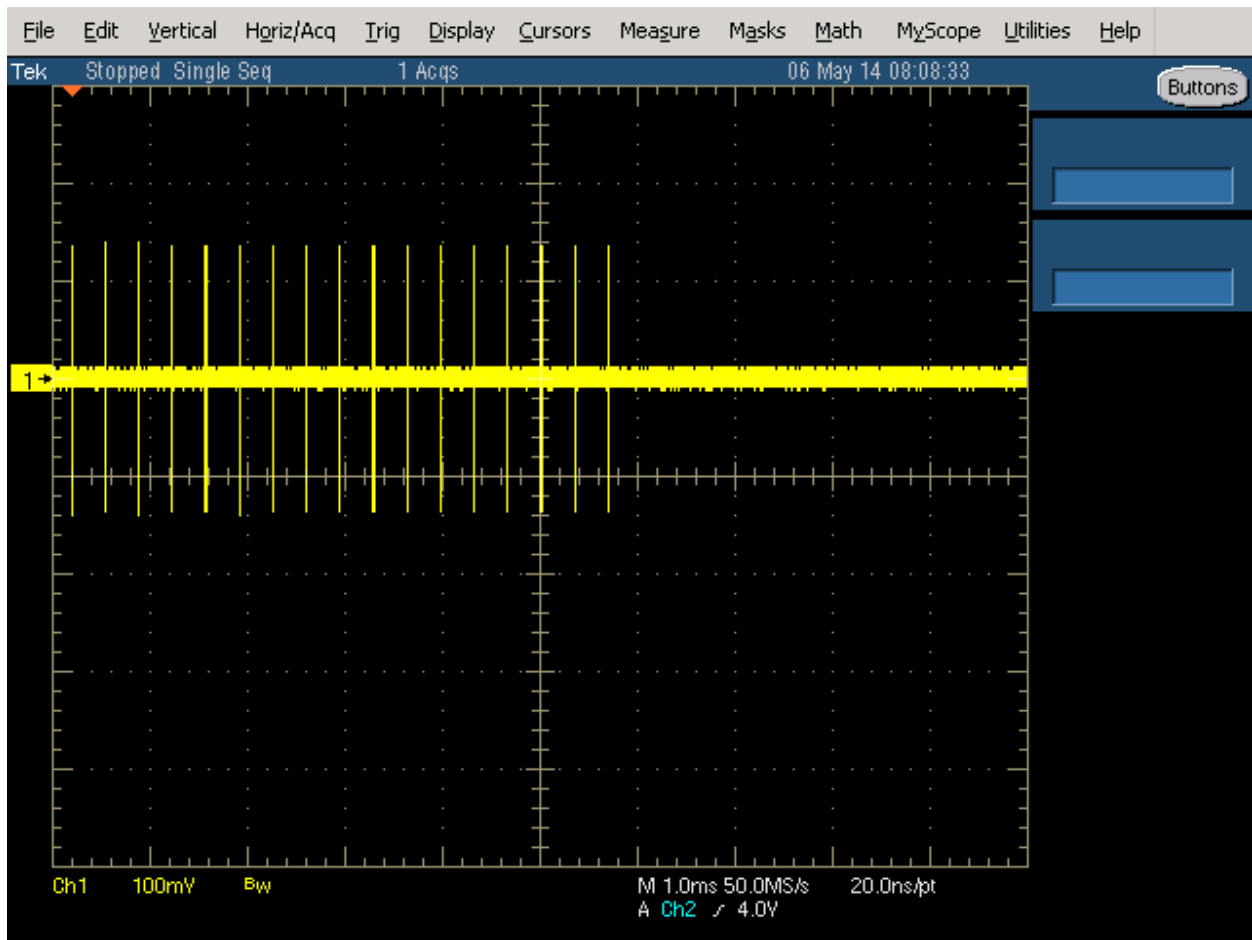


Figure 5 FCC Type 3 Radar (17 pulses)

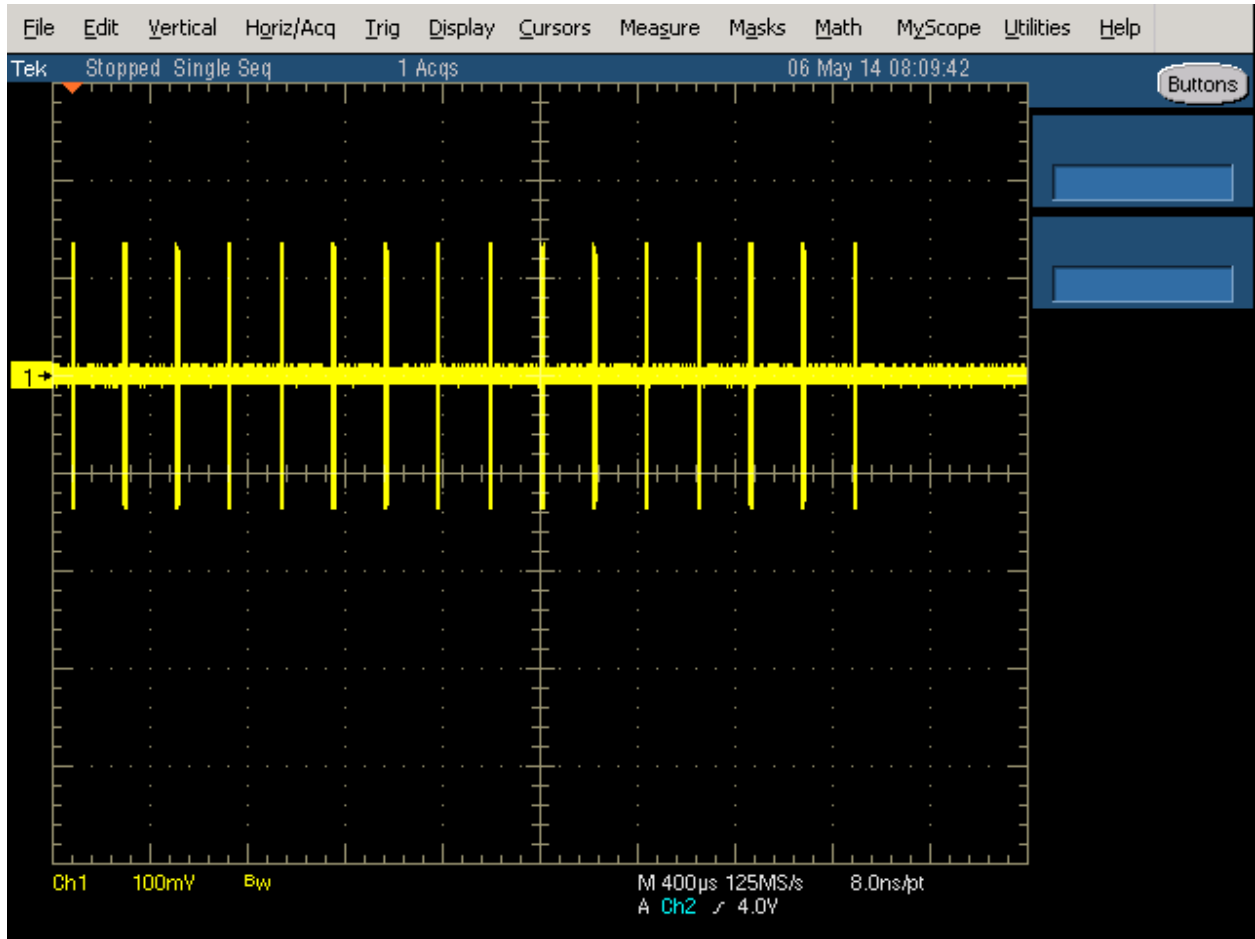


Figure 6 FCC Type 4 Radar (16 pulses)



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.

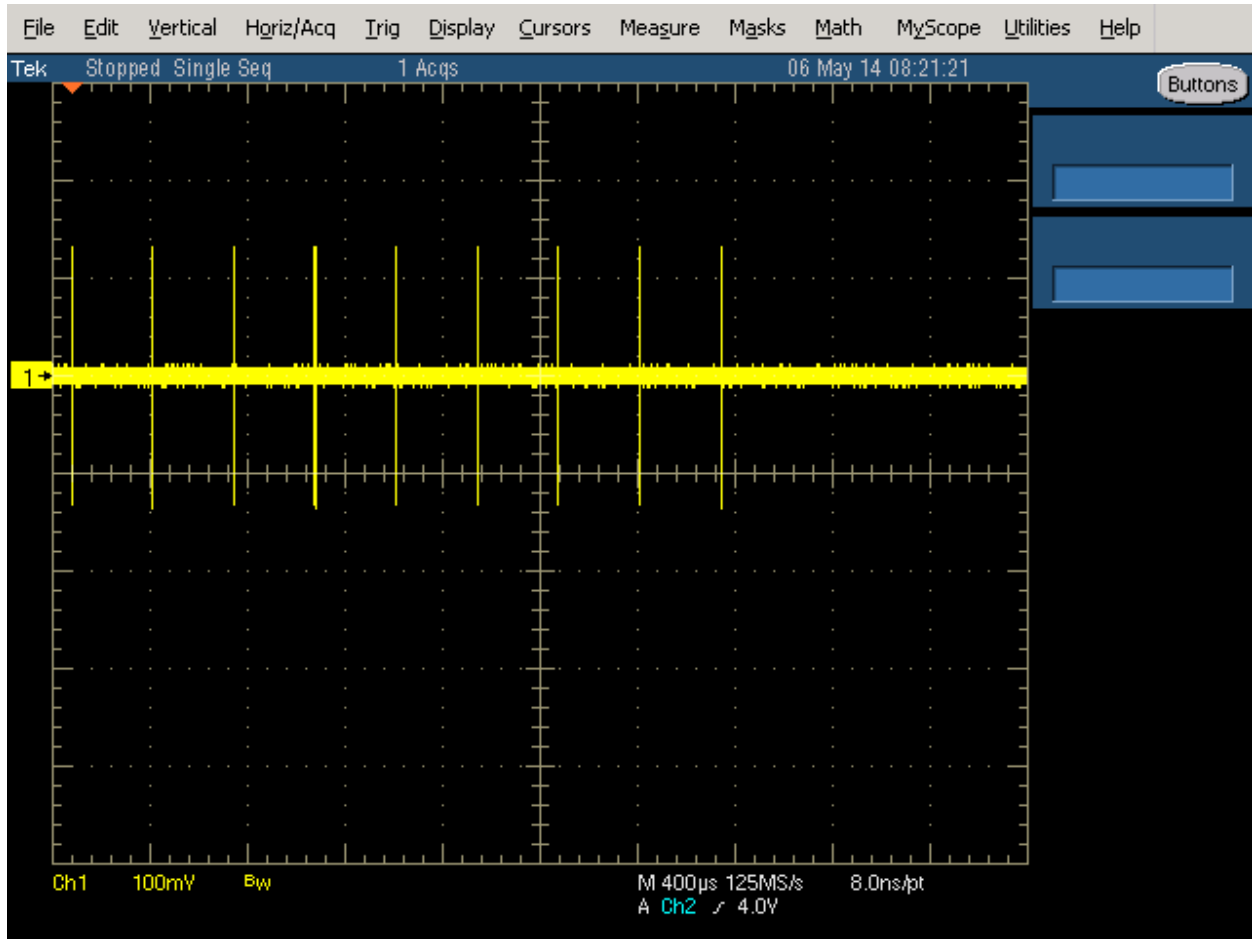


Figure 8 FCC Type 6 Radar (9 pulses in each burst)



**DFS MEASUREMENT METHODS****DFS RADAR DETECTION BANDWIDTH**

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

**DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME**

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

The test frequency used contains the control signal of the transmission.

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

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

**DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING**

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

**DFS CHANNEL AVAILABILITY CHECK TIME**

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

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

**UNIFORM LOADING**

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

**TRANSMIT POWER CONTROL (TPC)**

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

## **SAMPLE CALCULATIONS**

### **DETECTION PROBABILITY / SUCCESS RATE**

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

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

### **THRESHOLD LEVEL**

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

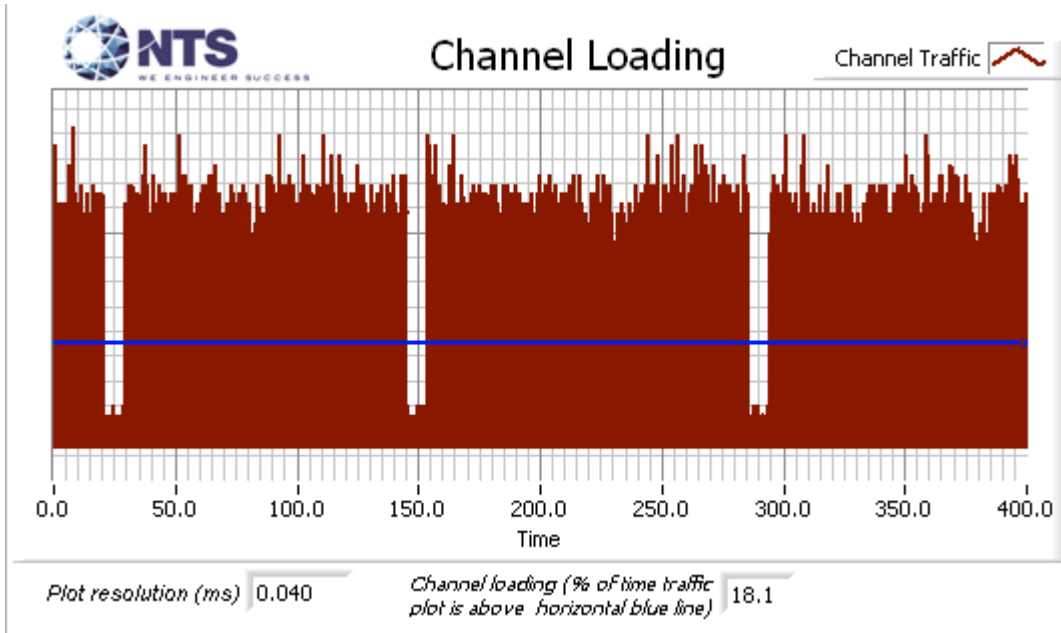
If the test is performed using the radiated method then the threshold level is the level at the antenna.

**Appendix A Test Equipment Calibration Data**

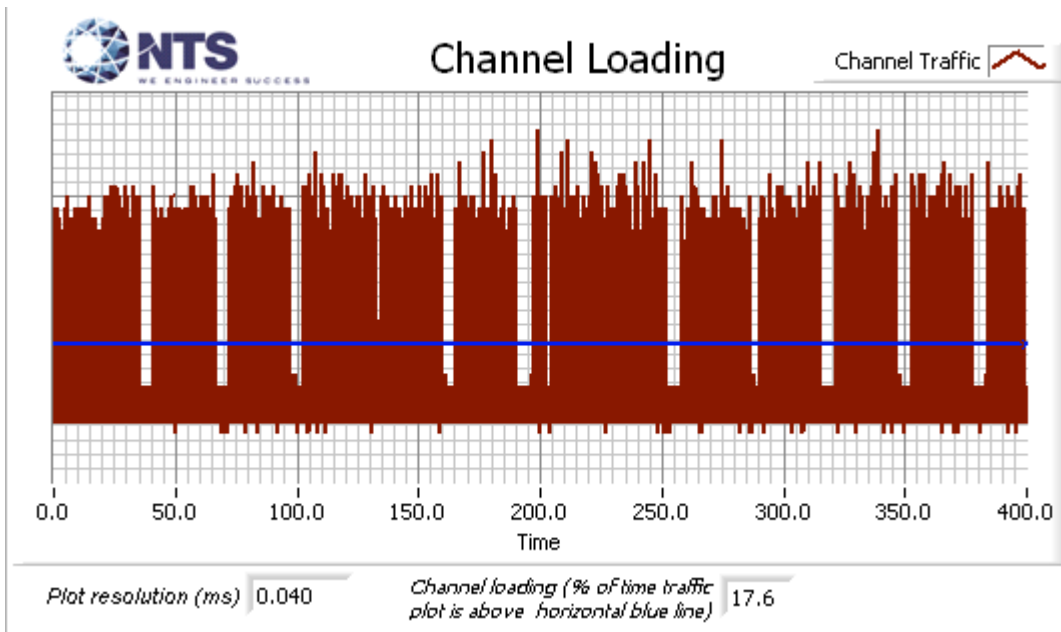
<b><u>Manufacturer</u></b>	<b><u>Description</u></b>	<b><u>Model #</u></b>	<b><u>Asset #</u></b>	<b><u>Cal Due</u></b>
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	780	20-Mar-16
Agilent Technologies	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267C	1877	16-Jun-16
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	30-Oct-15

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

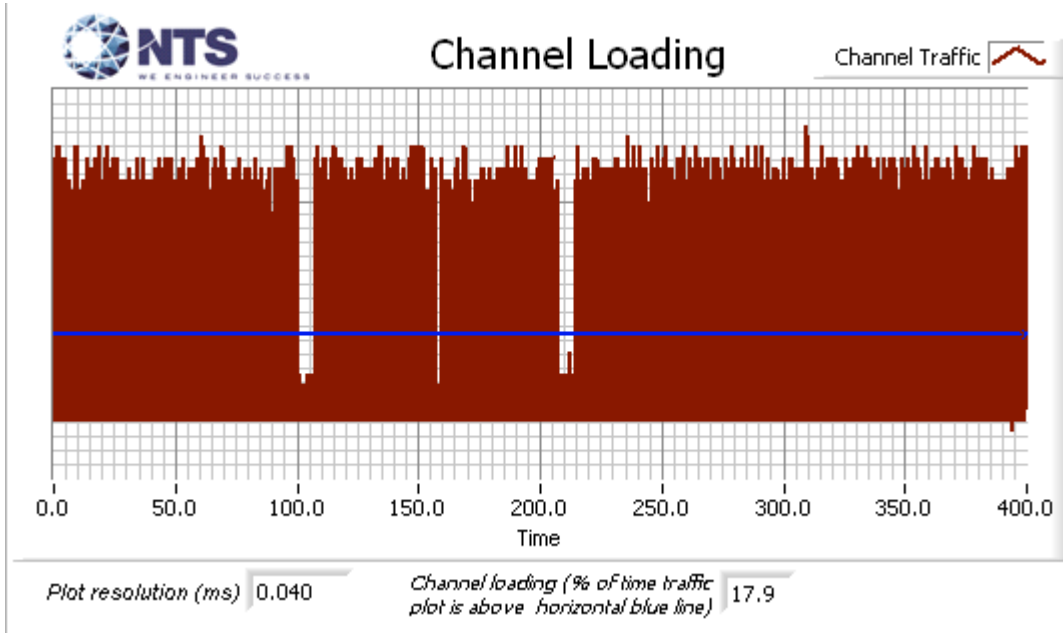
The plot below shows the channel loading during testing as evaluated over a 0.4 second period. The traffic was generated by playing movie and iperf command.



**Figure 9 Channel Utilization During In-Service Detection Measurements (20MHz)**



**Figure 10 Channel Utilization During In-Service Detection Measurements (40MHz)**



**Figure 11 Channel Utilization During In-Service Detection Measurements (80MHz)**

<b>Table 7 - Detection Bandwidth Measurements (Bandwidth: +9MHz /-9MHz) 20MHz</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	1	2	33
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5491.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5492.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5493.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5494.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5506.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5507.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5508.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5509.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5510.00 MHz	1	2	33

<b>Table 8 - Detection Bandwidth Measurements (Bandwidth: +19MHz /-19MHz) 39MHz</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	0	2	0
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5491.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5492.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5493.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5494.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5526.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5527.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5528.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5529.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5530.00 MHz	0	2	0

<b>Table 9 - Detection Bandwidth Measurements (Bandwidth: +39MHz /-39MHz) 80MHz</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	1	2	33
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5491.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5492.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5493.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5494.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5510.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5515.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5520.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5525.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5530.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5535.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5540.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5545.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5550.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5555.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5560.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5565.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5566.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5567.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5568.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5569.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5570.00 MHz	1	2	33



Table 10 - Summary of All Results 80MHz				
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
Long Sequence	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	79	PASSED

Table 11 - FCC Short Pulse Radar (Type 1A) Results 80MHz						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	92	1.0	578.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	68	1.0	778.0	Yes	5568.0MHz, -64.0dBm	Single burst
3	86	1.0	618.0	Yes	5569.0MHz, -64.0dBm	Single burst
4	57	1.0	938.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	65	1.0	818.0	Yes	5498.0MHz, -64.0dBm	Single burst
6	62	1.0	858.0	Yes	5536.0MHz, -64.0dBm	Single burst
7	63	1.0	838.0	Yes	5566.0MHz, -64.0dBm	Single burst
8	70	1.0	758.0	Yes	5569.0MHz, -64.0dBm	Single burst
9	89	1.0	598.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	95	1.0	558.0	Yes	5507.0MHz, -64.0dBm	Single burst
11	81	1.0	658.0	Yes	5545.0MHz, -64.0dBm	Single burst
12	76	1.0	698.0	Yes	5569.0MHz, -64.0dBm	Single burst
13	59	1.0	898.0	Yes	5491.0MHz, -64.0dBm	Single burst
14	72	1.0	738.0	Yes	5505.0MHz, -64.0dBm	Single burst
15	18	1.0	3066.0	Yes	5533.0MHz, -64.0dBm	Single burst

Table 12 - FCC Short Pulse Radar (Type 1B) Results 80MHz						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	40	1.0	1343.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	92	1.0	577.0	Yes	5563.0MHz, -64.0dBm	Single burst
3	19	1.0	2905.0	Yes	5569.0MHz, -64.0dBm	Single burst
4	80	1.0	662.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	24	1.0	2253.0	Yes	5492.0MHz, -64.0dBm	Single burst
6	32	1.0	1691.0	Yes	5525.0MHz, -64.0dBm	Single burst
7	19	1.0	2784.0	Yes	5556.0MHz, -64.0dBm	Single burst
8	18	1.0	3033.0	Yes	5569.0MHz, -64.0dBm	Single burst
9	32	1.0	1670.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	25	1.0	2187.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	53	1.0	997.0	Yes	5533.0MHz, -64.0dBm	Single burst
12	29	1.0	1853.0	Yes	5557.0MHz, -64.0dBm	Single burst
13	26	1.0	2047.0	Yes	5569.0MHz, -64.0dBm	Single burst
14	21	1.0	2604.0	Yes	5491.0MHz, -64.0dBm	Single burst
15	60	1.0	890.0	Yes	5494.0MHz, -64.0dBm	Single burst

Table 13 - FCC Short Pulse Radar (Type 2) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	25	3.5	153.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	28	4.3	173.0	Yes	5568.0MHz, -64.0dBm	Single burst
3	27	4.2	194.0	Yes	5569.0MHz, -64.0dBm	Single burst
4	25	2.7	161.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	26	2.2	170.0	Yes	5510.0MHz, -64.0dBm	Single burst
6	24	3.0	195.0	Yes	5531.0MHz, -64.0dBm	Single burst
7	27	4.9	198.0	Yes	5567.0MHz, -64.0dBm	Single burst
8	25	2.2	183.0	Yes	5569.0MHz, -64.0dBm	Single burst
9	27	1.8	189.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	24	3.8	167.0	Yes	5508.0MHz, -64.0dBm	Single burst
11	24	3.6	200.0	Yes	5541.0MHz, -64.0dBm	Single burst
12	26	4.6	178.0	Yes	5569.0MHz, -64.0dBm	Single burst
13	24	3.1	175.0	Yes	5491.0MHz, -64.0dBm	Single burst
14	26	1.7	194.0	Yes	5507.0MHz, -64.0dBm	Single burst
15	26	4.3	187.0	Yes	5542.0MHz, -64.0dBm	Single burst
16	25	3.4	161.0	Yes	5569.0MHz, -64.0dBm	Single burst
17	27	1.2	164.0	Yes	5491.0MHz, -64.0dBm	Single burst
18	27	4.7	218.0	Yes	5496.0MHz, -64.0dBm	Single burst
19	26	3.0	181.0	Yes	5526.0MHz, -64.0dBm	Single burst
20	26	1.6	178.0	Yes	5560.0MHz, -64.0dBm	Single burst
21	28	2.8	227.0	Yes	5569.0MHz, -64.0dBm	Single burst
22	28	2.1	175.0	Yes	5491.0MHz, -64.0dBm	Single burst
23	24	3.7	215.0	Yes	5506.0MHz, -64.0dBm	Single burst
24	24	2.6	187.0	Yes	5538.0MHz, -64.0dBm	Single burst
25	24	1.5	227.0	Yes	5559.0MHz, -64.0dBm	Single burst
26	29	3.7	216.0	Yes	5569.0MHz, -64.0dBm	Single burst
27	26	4.8	226.0	Yes	5491.0MHz, -64.0dBm	Single burst
28	29	1.3	211.0	Yes	5530.0MHz, -64.0dBm	Single burst
29	28	2.4	191.0	Yes	5564.0MHz, -64.0dBm	Single burst
30	27	1.4	200.0	Yes	5569.0MHz, -64.0dBm	Single burst

Table 14 - FCC Short Pulse Radar (Type 3) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	6.9	220.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	18	6.4	356.0	Yes	5564.0MHz, -64.0dBm	Single burst
3	18	7.1	327.0	Yes	5569.0MHz, -64.0dBm	Single burst
4	17	8.0	295.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	17	7.1	492.0	Yes	5500.0MHz, -64.0dBm	Single burst
6	17	9.3	306.0	Yes	5524.0MHz, -64.0dBm	Single burst
7	17	9.4	234.0	Yes	5554.0MHz, -64.0dBm	Single burst
8	17	9.6	496.0	Yes	5569.0MHz, -64.0dBm	Single burst
9	17	7.4	296.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	17	7.7	322.0	Yes	5495.0MHz, -64.0dBm	Single burst
11	16	9.6	461.0	Yes	5522.0MHz, -64.0dBm	Single burst
12	17	8.0	440.0	Yes	5556.0MHz, -64.0dBm	Single burst
13	17	9.1	379.0	Yes	5569.0MHz, -64.0dBm	Single burst
14	17	6.2	244.0	Yes	5491.0MHz, -64.0dBm	Single burst
15	17	6.9	276.0	Yes	5495.0MHz, -64.0dBm	Single burst
16	16	9.4	360.0	Yes	5531.0MHz, -64.0dBm	Single burst
17	16	6.2	451.0	Yes	5569.0MHz, -64.0dBm	Single burst
18	16	6.6	276.0	Yes	5491.0MHz, -64.0dBm	Single burst
19	17	9.8	364.0	Yes	5505.0MHz, -64.0dBm	Single burst
20	16	7.6	354.0	Yes	5525.0MHz, -64.0dBm	Single burst
21	17	10.0	441.0	Yes	5559.0MHz, -64.0dBm	Single burst
22	16	8.6	417.0	Yes	5569.0MHz, -64.0dBm	Single burst
23	16	7.9	432.0	Yes	5491.0MHz, -64.0dBm	Single burst
24	18	7.9	426.0	Yes	5495.0MHz, -64.0dBm	Single burst
25	17	9.1	311.0	Yes	5527.0MHz, -64.0dBm	Single burst
26	17	8.8	380.0	Yes	5554.0MHz, -64.0dBm	Single burst
27	16	8.3	322.0	Yes	5569.0MHz, -64.0dBm	Single burst
28	16	7.4	396.0	Yes	5491.0MHz, -64.0dBm	Single burst
29	17	9.0	404.0	Yes	5500.0MHz, -64.0dBm	Single burst
30	17	7.0	449.0	Yes	5539.0MHz, -64.0dBm	Single burst

Table 15 - FCC Short Pulse Radar (Type 4) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	13.8	270.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	13	16.9	235.0	Yes	5564.0MHz, -64.0dBm	Single burst
3	13	15.7	227.0	Yes	5569.0MHz, -64.0dBm	Single burst
4	13	13.4	456.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	13	19.2	455.0	Yes	5493.0MHz, -64.0dBm	Single burst
6	14	17.0	239.0	Yes	5517.0MHz, -64.0dBm	Single burst
7	13	12.7	494.0	Yes	5551.0MHz, -64.0dBm	Single burst
8	12	15.8	243.0	Yes	5569.0MHz, -64.0dBm	Single burst
9	15	19.1	382.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	14	12.4	379.0	Yes	5493.0MHz, -64.0dBm	Single burst
11	14	18.6	472.0	Yes	5528.0MHz, -64.0dBm	Single burst
12	13	14.9	336.0	Yes	5568.0MHz, -64.0dBm	Single burst
13	14	19.3	379.0	Yes	5569.0MHz, -64.0dBm	Single burst
14	12	16.0	465.0	Yes	5491.0MHz, -64.0dBm	Single burst
15	14	14.7	245.0	Yes	5498.0MHz, -64.0dBm	Single burst
16	14	18.6	343.0	Yes	5530.0MHz, -64.0dBm	Single burst
17	12	16.8	286.0	Yes	5556.0MHz, -64.0dBm	Single burst
18	12	12.6	419.0	Yes	5569.0MHz, -64.0dBm	Single burst
19	14	14.1	446.0	Yes	5491.0MHz, -64.0dBm	Single burst
20	12	19.8	419.0	Yes	5494.0MHz, -64.0dBm	Single burst
21	15	15.5	482.0	Yes	5529.0MHz, -64.0dBm	Single burst
22	15	12.0	310.0	Yes	5549.0MHz, -64.0dBm	Single burst
23	13	14.4	211.0	Yes	5569.0MHz, -64.0dBm	Single burst
24	12	18.1	370.0	Yes	5491.0MHz, -64.0dBm	Single burst
25	15	15.2	249.0	Yes	5508.0MHz, -64.0dBm	Single burst
26	15	14.0	494.0	Yes	5530.0MHz, -64.0dBm	Single burst
27	12	13.4	390.0	Yes	5568.0MHz, -64.0dBm	Single burst
28	13	15.1	293.0	Yes	5569.0MHz, -64.0dBm	Single burst
29	15	19.5	365.0	Yes	5491.0MHz, -64.0dBm	Single burst
30	14	19.3	419.0	Yes	5530.0MHz, -64.0dBm	Single burst

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5569.0MHz, -64.0dBm	Hop sequence: 5391, 5407, 5255, 5435, 5416, 5603, 5430, 5448, 5353, 5385, 5510, 5646, 5400, 5367, 5716, 5513, 5684, 5668, 5694, 5561, 5470, 5657, 5675, 5395, 5356, 5579, 5270, 5696, 5331, 5323, 5590, 5554, 5726, 5386, 5464, 5565, 5358, 5477, 5466, 5437, 5608, 5503, 5528, 5445, 5325, 5714, 5335, 5258, 5607, 5312, 5413, 5265, 5718, 5471, 5414, 5540, 5291, 5501, 5384, 5517, 5558, 5361, 5533, 5482, 5366, 5522, 5576, 5534, 5337, 5573, 5352, 5524, 5468, 5720, 5564, 5722, 5441, 5642, 5294, 5666, 5523, 5340, 5611, 5328, 5259, 5363, 5429, 5574, 5495, 5571, 5514, 5724, 5622, 5591, 5274, 5557, 5285, 5636, 5309, 5354 (20 hits)
2	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5504, 5511, 5586, 5280, 5689, 5320, 5335, 5294, 5421, 5383, 5645, 5696, 5646, 5620, 5287, 5252, 5644, 5726, 5667, 5309, 5500, 5705, 5438, 5543, 5481, 5299, 5523, 5652, 5661, 5259, 5675, 5566, 5458, 5300, 5698, 5663, 5716, 5559, 5401, 5302, 5256, 5371, 5710, 5348, 5487, 5658, 5567, 5463, 5621, 5590, 5622, 5555, 5404, 5540, 5476, 5331, 5310, 5611, 5376, 5293, 5345, 5657, 5594, 5697, 5278, 5423, 5395, 5525, 5266, 5514, 5413, 5552, 5553, 5284, 5582, 5448, 5493, 5373, 5441, 5307, 5355, 5679, 5312, 5637, 5443, 5454, 5520, 5533, 5399, 5424, 5580, 5336, 5491, 5276, 5258, 5615, 5677, 5725, 5327, 5360 (18 hits)
3	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5564, 5289, 5675, 5548, 5397, 5498, 5439, 5620, 5262, 5569, 5687, 5611, 5587, 5537, 5535, 5273, 5713, 5349, 5464, 5647, 5302, 5387, 5431, 5290, 5653, 5695, 5367, 5542, 5330, 5634, 5524, 5525, 5278, 5698, 5382, 5393, 5460, 5462, 5407, 5520, 5335, 5385, 5316, 5600, 5570, 5540, 5438, 5598, 5715, 5457, 5658, 5453, 5254, 5684, 5508, 5451, 5323, 5295, 5259, 5573, 5646, 5499, 5676, 5688, 5669, 5345, 5557, 5616, 5510, 5412, 5446, 5596, 5346, 5319, 5392, 5549, 5362, 5281, 5409, 5683, 5575, 5402, 5495, 5370, 5401, 5670, 5433, 5607, 5264, 5585, 5270, 5639, 5467, 5418, 5306, 5648, 5445, 5255, 5697, 5566 (18 hits)
4	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5598, 5655, 5714, 5495, 5575, 5426, 5509, 5502, 5581, 5445, 5631, 5726, 5650, 5337, 5576, 5321, 5409, 5261, 5357, 5434, 5303, 5416, 5677, 5377, 5393, 5283, 5564,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5722, 5313, 5287, 5362, 5440, 5368, 5602, 5590, 5719, 5470, 5363, 5566, 5552, 5533, 5300, 5369, 5268, 5594, 5524, 5666, 5660, 5662, 5372, 5671, 5700, 5427, 5687, 5256, 5635, 5250, 5563, 5335, 5346, 5276, 5548, 5667, 5678, 5632, 5544, 5661, 5697, 5264, 5696, 5414, 5472, 5278, 5516, 5326, 5557, 5388, 5627, 5428, 5558, 5702, 5658, 5380, 5269, 5338, 5540, 5607, 5535, 5601, 5693, 5522, 5579, 5260, 5545, 5403, 5265, 5494, 5617, 5609, 5603 (19 hits)
5	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5546, 5360, 5351, 5315, 5530, 5320, 5357, 5407, 5367, 5574, 5643, 5333, 5308, 5549, 5506, 5280, 5654, 5667, 5658, 5626, 5437, 5384, 5601, 5656, 5629, 5488, 5514, 5410, 5670, 5653, 5317, 5604, 5252, 5297, 5301, 5316, 5547, 5495, 5490, 5358, 5328, 5369, 5334, 5459, 5397, 5553, 5251, 5281, 5260, 5356, 5714, 5652, 5363, 5441, 5432, 5436, 5387, 5556, 5482, 5572, 5548, 5499, 5678, 5711, 5491, 5296, 5580, 5343, 5720, 5329, 5700, 5518, 5587, 5573, 5668, 5272, 5694, 5318, 5414, 5610, 5470, 5677, 5258, 5359, 5347, 5326, 5313, 5361, 5665, 5270, 5611, 5468, 5473, 5585, 5568, 5278, 5290, 5666, 5713, 5551 (15 hits)
6	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5377, 5417, 5499, 5280, 5658, 5558, 5310, 5575, 5336, 5315, 5709, 5527, 5394, 5491, 5593, 5551, 5323, 5260, 5570, 5405, 5370, 5631, 5501, 5294, 5402, 5343, 5535, 5307, 5329, 5544, 5645, 5511, 5675, 5716, 5318, 5705, 5620, 5347, 5559, 5661, 5621, 5264, 5685, 5273, 5665, 5603, 5475, 5494, 5503, 5471, 5274, 5521, 5414, 5376, 5588, 5450, 5571, 5560, 5284, 5646, 5711, 5378, 5461, 5657, 5253, 5277, 5707, 5478, 5371, 5540, 5293, 5271, 5701, 5554, 5436, 5538, 5263, 5257, 5382, 5451, 5710, 5662, 5444, 5638, 5725, 5331, 5288, 5686, 5390, 5340, 5270, 5674, 5442, 5598, 5596, 5704, 5670, 5459, 5718, 5676 (17 hits)
7	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5573, 5328, 5294, 5622, 5422, 5444, 5648, 5459, 5438, 5478, 5704, 5404, 5335, 5329, 5483, 5653, 5306, 5500, 5675, 5293, 5408, 5384, 5705, 5258, 5537, 5501, 5431, 5589, 5684, 5473, 5344, 5412, 5391, 5257, 5381, 5302, 5557, 5469, 5598, 5278, 5378, 5547, 5508, 5399, 5320, 5619, 5269, 5553, 5682, 5554, 5683, 5439, 5572, 5490, 5301, 5310, 5282, 5543, 5549, 5618, 5558, 5314, 5532, 5538, 5437, 5433, 5719, 5307, 5303,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5517, 5720, 5470, 5641, 5617, 5484, 5440, 5575, 5629, 5353, 5579, 5423, 5610, 5615, 5692, 5596, 5606, 5636, 5358, 5338, 5458, 5417, 5645, 5559, 5486, 5509, 5357, 5706, 5254, 5499, 5394 (17 hits)
8	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5595, 5303, 5640, 5257, 5340, 5372, 5383, 5717, 5339, 5304, 5260, 5678, 5313, 5548, 5330, 5582, 5652, 5669, 5332, 5583, 5518, 5505, 5355, 5485, 5473, 5283, 5366, 5290, 5565, 5318, 5300, 5722, 5620, 5523, 5604, 5328, 5279, 5488, 5719, 5543, 5253, 5396, 5579, 5660, 5714, 5698, 5566, 5574, 5575, 5509, 5703, 5529, 5625, 5310, 5274, 5273, 5368, 5432, 5487, 5351, 5439, 5712, 5689, 5315, 5357, 5345, 5540, 5563, 5387, 5454, 5395, 5354, 5266, 5636, 5649, 5255, 5483, 5371, 5441, 5546, 5470, 5434, 5499, 5379, 5442, 5421, 5385, 5341, 5414, 5435, 5515, 5287, 5297, 5451, 5573, 5296, 5416, 5520, 5404, 5398 (15 hits)
9	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5411, 5422, 5289, 5620, 5636, 5380, 5354, 5286, 5442, 5430, 5474, 5698, 5483, 5327, 5358, 5697, 5685, 5341, 5441, 5375, 5672, 5631, 5352, 5717, 5597, 5356, 5568, 5692, 5471, 5632, 5689, 5368, 5264, 5533, 5330, 5605, 5673, 5391, 5349, 5490, 5300, 5557, 5572, 5308, 5514, 5259, 5653, 5484, 5388, 5575, 5684, 5493, 5321, 5701, 5515, 5628, 5503, 5312, 5431, 5707, 5538, 5432, 5299, 5722, 5625, 5446, 5346, 5720, 5260, 5426, 5530, 5683, 5428, 5425, 5675, 5494, 5724, 5402, 5508, 5536, 5363, 5596, 5580, 5595, 5324, 5567, 5370, 5512, 5447, 5301, 5545, 5614, 5606, 5265, 5449, 5409, 5377, 5285, 5342, 5634 (15 hits)
10	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5289, 5433, 5696, 5270, 5573, 5393, 5376, 5631, 5526, 5644, 5325, 5651, 5450, 5578, 5295, 5720, 5523, 5282, 5539, 5617, 5371, 5451, 5394, 5691, 5605, 5672, 5441, 5269, 5511, 5427, 5465, 5682, 5566, 5277, 5374, 5519, 5684, 5362, 5303, 5656, 5412, 5591, 5319, 5489, 5705, 5597, 5399, 5436, 5632, 5278, 5416, 5586, 5360, 5453, 5435, 5361, 5310, 5483, 5657, 5595, 5263, 5485, 5655, 5459, 5710, 5583, 5258, 5582, 5701, 5257, 5397, 5640, 5704, 5372, 5473, 5294, 5544, 5276, 5508, 5649, 5648, 5395, 5557, 5658, 5599, 5635, 5411, 5392, 5646, 5317, 5706, 5439, 5415, 5495, 5587, 5556, 5577, 5335, 5530, 5330 (12 hits)
11	9	1.0	333.0	Yes	5500.0MHz,	Hop sequence: 5353, 5406, 5351,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5374, 5265, 5483, 5725, 5279, 5415, 5397, 5328, 5569, 5673, 5516, 5589, 5677, 5527, 5640, 5330, 5625, 5657, 5489, 5313, 5444, 5285, 5346, 5690, 5579, 5683, 5319, 5567, 5526, 5509, 5505, 5413, 5552, 5582, 5651, 5399, 5667, 5518, 5357, 5491, 5695, 5395, 5588, 5663, 5706, 5482, 5479, 5273, 5355, 5592, 5624, 5593, 5435, 5416, 5635, 5616, 5572, 5573, 5575, 5666, 5590, 5475, 5325, 5380, 5637, 5283, 5484, 5373, 5621, 5324, 5364, 5539, 5331, 5477, 5468, 5506, 5310, 5384, 5699, 5341, 5466, 5297, 5609, 5556, 5712, 5570, 5418, 5293, 5349, 5549, 5502, 5472, 5387, 5296, 5358, 5441, 5523 (16 hits)
12	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5301, 5409, 5700, 5362, 5551, 5373, 5494, 5390, 5442, 5274, 5566, 5323, 5498, 5380, 5516, 5559, 5715, 5328, 5272, 5401, 5590, 5253, 5339, 5639, 5289, 5617, 5258, 5354, 5432, 5367, 5712, 5691, 5282, 5315, 5426, 5638, 5525, 5443, 5581, 5383, 5296, 5503, 5664, 5565, 5652, 5300, 5711, 5513, 5444, 5518, 5495, 5603, 5460, 5350, 5515, 5392, 5281, 5322, 5612, 5637, 5661, 5708, 5451, 5440, 5645, 5524, 5690, 5614, 5346, 5613, 5481, 5448, 5653, 5454, 5325, 5463, 5461, 5604, 5302, 5257, 5273, 5329, 5500, 5586, 5507, 5292, 5407, 5430, 5342, 5558, 5336, 5576, 5284, 5550, 5478, 5261, 5582, 5675, 5348, 5659 (18 hits)
13	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5531, 5403, 5582, 5316, 5600, 5604, 5261, 5530, 5489, 5365, 5311, 5634, 5671, 5678, 5395, 5336, 5524, 5516, 5290, 5630, 5619, 5581, 5404, 5370, 5691, 5705, 5398, 5549, 5471, 5652, 5645, 5491, 5262, 5560, 5393, 5317, 5494, 5453, 5452, 5688, 5523, 5640, 5334, 5603, 5488, 5520, 5456, 5399, 5462, 5712, 5294, 5657, 5620, 5304, 5374, 5253, 5598, 5360, 5391, 5396, 5461, 5423, 5448, 5382, 5433, 5656, 5298, 5701, 5484, 5567, 5586, 5278, 5535, 5355, 5332, 5565, 5707, 5679, 5329, 5333, 5300, 5291, 5295, 5481, 5281, 5257, 5308, 5666, 5534, 5380, 5428, 5468, 5500, 5575, 5415, 5474, 5451, 5574, 5496, 5527 (17 hits)
14	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5721, 5575, 5376, 5507, 5641, 5527, 5722, 5349, 5611, 5424, 5353, 5579, 5453, 5562, 5483, 5440, 5650, 5366, 5500, 5333, 5337, 5640, 5660, 5655, 5684, 5417, 5446, 5368, 5409, 5264, 5356, 5536, 5646, 5445, 5515, 5522, 5298, 5595, 5653, 5378, 5318, 5511, 5698, 5441, 5550,



Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5277, 5700, 5651, 5323, 5512, 5623, 5560, 5425, 5563, 5535, 5664, 5325, 5677, 5435, 5416, 5630, 5332, 5590, 5556, 5662, 5400, 5541, 5374, 5389, 5519, 5645, 5629, 5370, 5348, 5254, 5678, 5365, 5468, 5636, 5613, 5543, 5293, 5465, 5518, 5268, 5517, 5258, 5639, 5364, 5307, 5528, 5294, 5411, 5683, 5334, 5702, 5593, 5404, 5295, 5433 (20 hits)
15	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5289, 5505, 5548, 5513, 5509, 5297, 5293, 5347, 5436, 5385, 5572, 5382, 5468, 5403, 5720, 5384, 5670, 5524, 5407, 5606, 5477, 5640, 5420, 5453, 5538, 5600, 5626, 5654, 5350, 5372, 5507, 5404, 5620, 5355, 5694, 5619, 5718, 5701, 5341, 5459, 5715, 5638, 5648, 5360, 5363, 5521, 5714, 5352, 5722, 5292, 5598, 5276, 5687, 5525, 5301, 5530, 5664, 5500, 5717, 5387, 5456, 5445, 5723, 5380, 5283, 5531, 5690, 5281, 5264, 5495, 5605, 5498, 5261, 5591, 5295, 5309, 5646, 5302, 5682, 5519, 5378, 5556, 5711, 5567, 5394, 5586, 5539, 5325, 5375, 5510, 5405, 5540, 5458, 5426, 5559, 5603, 5647, 5272, 5609, 5348 (21 hits)
16	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5294, 5375, 5604, 5594, 5291, 5624, 5634, 5430, 5483, 5570, 5622, 5342, 5255, 5562, 5263, 5440, 5601, 5676, 5546, 5644, 5484, 5327, 5340, 5650, 5319, 5324, 5525, 5290, 5446, 5454, 5600, 5489, 5719, 5584, 5659, 5273, 5488, 5494, 5648, 5679, 5429, 5699, 5437, 5452, 5580, 5270, 5563, 5534, 5363, 5684, 5654, 5680, 5276, 5677, 5422, 5297, 5510, 5576, 5356, 5585, 5350, 5537, 5493, 5501, 5301, 5397, 5636, 5613, 5466, 5441, 5459, 5424, 5464, 5281, 5387, 5309, 5310, 5450, 5666, 5573, 5476, 5260, 5403, 5445, 5391, 5286, 5533, 5581, 5683, 5360, 5267, 5385, 5637, 5609, 5303, 5318, 5642, 5661, 5465, 5697 (11 hits)
17	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5585, 5258, 5708, 5279, 5313, 5565, 5435, 5385, 5646, 5714, 5285, 5569, 5379, 5556, 5361, 5549, 5509, 5687, 5579, 5593, 5655, 5322, 5563, 5352, 5672, 5282, 5609, 5589, 5301, 5649, 5434, 5459, 5270, 5398, 5403, 5478, 5681, 5345, 5541, 5551, 5340, 5582, 5411, 5326, 5288, 5644, 5532, 5709, 5364, 5303, 5417, 5299, 5547, 5414, 5500, 5485, 5712, 5602, 5409, 5275, 5281, 5440, 5490, 5356, 5553, 5542, 5545, 5518, 5516, 5535, 5324, 5377, 5627, 5598, 5338, 5351, 5291, 5468, 5430, 5700, 5323, 5294, 5416, 5386, 5306, 5292, 5642,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5454, 5550, 5330, 5365, 5620, 5464, 5715, 5278, 5525, 5626, 5523, 5402, 5546 (21 hits)
18	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5316, 5421, 5689, 5346, 5673, 5596, 5287, 5340, 5272, 5365, 5356, 5415, 5252, 5434, 5341, 5688, 5318, 5551, 5408, 5681, 5717, 5520, 5310, 5575, 5666, 5710, 5353, 5496, 5529, 5487, 5616, 5564, 5622, 5692, 5600, 5384, 5645, 5687, 5668, 5327, 5510, 5370, 5387, 5505, 5715, 5431, 5273, 5453, 5676, 5494, 5630, 5442, 5451, 5641, 5721, 5515, 5612, 5395, 5671, 5296, 5477, 5696, 5466, 5422, 5669, 5665, 5639, 5624, 5706, 5533, 5493, 5470, 5670, 5590, 5690, 5427, 5557, 5554, 5647, 5597, 5550, 5457, 5463, 5702, 5350, 5631, 5282, 5680, 5436, 5270, 5723, 5471, 5376, 5294, 5490, 5522, 5608, 5678, 5286, 5698 (15 hits)
19	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5592, 5423, 5396, 5513, 5266, 5439, 5406, 5265, 5517, 5402, 5315, 5615, 5709, 5258, 5429, 5508, 5424, 5722, 5500, 5302, 5352, 5471, 5566, 5487, 5473, 5515, 5552, 5629, 5622, 5411, 5462, 5356, 5377, 5359, 5252, 5698, 5324, 5264, 5550, 5494, 5572, 5571, 5671, 5294, 5393, 5666, 5419, 5371, 5604, 5436, 5323, 5386, 5616, 5449, 5555, 5303, 5591, 5305, 5437, 5690, 5688, 5334, 5725, 5422, 5621, 5644, 5300, 5525, 5669, 5401, 5601, 5408, 5279, 5589, 5445, 5541, 5493, 5361, 5562, 5280, 5451, 5368, 5723, 5478, 5657, 5524, 5504, 5275, 5319, 5454, 5578, 5630, 5612, 5509, 5662, 5455, 5695, 5328, 5543, 5595 (18 hits)
20	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5547, 5504, 5314, 5559, 5357, 5511, 5557, 5674, 5582, 5477, 5653, 5424, 5292, 5276, 5374, 5655, 5342, 5279, 5322, 5678, 5332, 5685, 5408, 5312, 5280, 5461, 5676, 5546, 5447, 5640, 5445, 5723, 5588, 5643, 5268, 5468, 5569, 5411, 5686, 5479, 5661, 5309, 5658, 5485, 5544, 5379, 5444, 5659, 5700, 5684, 5616, 5403, 5457, 5681, 5354, 5270, 5406, 5621, 5370, 5480, 5508, 5493, 5690, 5422, 5664, 5434, 5532, 5537, 5343, 5303, 5418, 5641, 5707, 5645, 5261, 5607, 5630, 5647, 5603, 5466, 5552, 5359, 5531, 5541, 5295, 5549, 5496, 5693, 5584, 5413, 5519, 5275, 5489, 5310, 5698, 5545, 5329, 5672, 5348, 5535 (20 hits)
21	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5507, 5701, 5633, 5627, 5402, 5725, 5579, 5623, 5557, 5716, 5304, 5451, 5454, 5388, 5271, 5650, 5706, 5637, 5259, 5665, 5394,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5694, 5396, 5286, 5651, 5470, 5282, 5550, 5431, 5642, 5422, 5438, 5581, 5547, 5661, 5335, 5348, 5611, 5299, 5502, 5590, 5584, 5593, 5687, 5635, 5452, 5566, 5589, 5658, 5404, 5673, 5279, 5519, 5598, 5301, 5576, 5680, 5410, 5432, 5482, 5520, 5508, 5330, 5538, 5542, 5707, 5385, 5577, 5614, 5325, 5636, 5487, 5719, 5393, 5416, 5629, 5374, 5513, 5354, 5521, 5506, 5269, 5647, 5572, 5427, 5654, 5383, 5273, 5649, 5486, 5323, 5340, 5352, 5433, 5656, 5571, 5267, 5529, 5615, 5608 (15 hits)
22	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5450, 5653, 5405, 5548, 5673, 5411, 5550, 5492, 5305, 5590, 5476, 5254, 5266, 5515, 5681, 5461, 5467, 5549, 5306, 5276, 5362, 5639, 5393, 5682, 5263, 5632, 5508, 5583, 5288, 5615, 5635, 5505, 5336, 5704, 5581, 5377, 5474, 5701, 5627, 5262, 5284, 5282, 5277, 5321, 5576, 5488, 5703, 5400, 5324, 5438, 5537, 5626, 5360, 5718, 5506, 5666, 5394, 5273, 5493, 5660, 5426, 5692, 5374, 5519, 5621, 5592, 5380, 5477, 5398, 5652, 5697, 5557, 5270, 5407, 5522, 5441, 5354, 5281, 5392, 5442, 5473, 5475, 5624, 5618, 5456, 5285, 5328, 5561, 5604, 5378, 5454, 5530, 5552, 5603, 5623, 5465, 5279, 5258, 5562, 5463 (17 hits)
23	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5288, 5378, 5650, 5286, 5589, 5302, 5615, 5359, 5530, 5702, 5592, 5436, 5313, 5445, 5464, 5568, 5503, 5516, 5407, 5346, 5469, 5549, 5579, 5448, 5654, 5256, 5695, 5369, 5626, 5629, 5362, 5553, 5708, 5440, 5277, 5447, 5457, 5309, 5678, 5418, 5591, 5344, 5570, 5477, 5318, 5479, 5497, 5588, 5551, 5521, 5627, 5714, 5564, 5449, 5696, 5402, 5622, 5653, 5539, 5316, 5624, 5426, 5431, 5645, 5599, 5682, 5337, 5299, 5258, 5496, 5644, 5371, 5461, 5410, 5637, 5557, 5291, 5276, 5484, 5455, 5443, 5366, 5532, 5523, 5307, 5632, 5500, 5324, 5396, 5527, 5547, 5545, 5534, 5590, 5338, 5423, 5478, 5620, 5373, 5613 (20 hits)
24	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5282, 5430, 5273, 5324, 5374, 5535, 5514, 5264, 5286, 5653, 5684, 5453, 5623, 5538, 5641, 5420, 5329, 5320, 5686, 5258, 5585, 5582, 5517, 5285, 5463, 5613, 5378, 5325, 5568, 5343, 5425, 5251, 5488, 5652, 5448, 5364, 5477, 5299, 5318, 5635, 5385, 5683, 5437, 5465, 5651, 5719, 5439, 5390, 5413, 5534, 5624, 5429, 5619, 5711, 5275, 5533, 5334, 5418, 5270, 5400, 5397, 5603, 5331,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5626, 5253, 5498, 5666, 5483, 5609, 5443, 5518, 5386, 5421, 5679, 5300, 5710, 5250, 5589, 5545, 5432, 5497, 5438, 5607, 5588, 5542, 5406, 5629, 5610, 5259, 5414, 5354, 5639, 5658, 5547, 5656, 5417, 5298, 5586, 5500, 5511 (15 hits)
25	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5469, 5725, 5605, 5718, 5546, 5553, 5450, 5493, 5301, 5505, 5557, 5370, 5321, 5610, 5577, 5489, 5523, 5398, 5625, 5362, 5566, 5371, 5617, 5298, 5621, 5496, 5457, 5402, 5280, 5660, 5305, 5327, 5541, 5380, 5476, 5580, 5425, 5451, 5586, 5642, 5555, 5652, 5602, 5530, 5681, 5369, 5278, 5295, 5655, 5452, 5691, 5455, 5695, 5669, 5260, 5361, 5481, 5507, 5511, 5296, 5709, 5373, 5510, 5407, 5346, 5672, 5670, 5343, 5255, 5315, 5251, 5677, 5726, 5643, 5600, 5535, 5649, 5302, 5387, 5656, 5504, 5527, 5532, 5254, 5382, 5290, 5637, 5525, 5467, 5578, 5431, 5256, 5262, 5545, 5356, 5594, 5433, 5515, 5360, 5502 (22 hits)
26	9	1.0	333.0	Yes	5515.0MHz, -64.0dBm	Hop sequence: 5719, 5665, 5664, 5713, 5580, 5668, 5441, 5657, 5706, 5700, 5678, 5357, 5295, 5527, 5633, 5361, 5721, 5621, 5465, 5537, 5287, 5426, 5462, 5276, 5710, 5474, 5609, 5516, 5396, 5345, 5301, 5433, 5561, 5275, 5517, 5258, 5661, 5620, 5257, 5551, 5388, 5627, 5484, 5370, 5530, 5709, 5457, 5557, 5373, 5420, 5312, 5554, 5587, 5451, 5588, 5423, 5564, 5670, 5592, 5708, 5593, 5413, 5444, 5640, 5479, 5288, 5539, 5323, 5453, 5296, 5533, 5538, 5726, 5544, 5577, 5567, 5553, 5283, 5493, 5303, 5494, 5332, 5318, 5391, 5330, 5415, 5367, 5524, 5499, 5655, 5606, 5309, 5381, 5402, 5404, 5613, 5281, 5510, 5280, 5654 (21 hits)
27	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5288, 5449, 5668, 5482, 5321, 5579, 5574, 5400, 5426, 5286, 5386, 5277, 5483, 5523, 5364, 5591, 5511, 5421, 5581, 5572, 5275, 5315, 5458, 5607, 5453, 5280, 5394, 5419, 5399, 5265, 5654, 5309, 5679, 5312, 5544, 5383, 5443, 5675, 5659, 5486, 5379, 5628, 5600, 5550, 5270, 5558, 5512, 5666, 5297, 5711, 5565, 5494, 5393, 5509, 5521, 5308, 5373, 5625, 5267, 5671, 5359, 5441, 5583, 5519, 5672, 5480, 5440, 5562, 5384, 5463, 5293, 5389, 5290, 5710, 5670, 5347, 5410, 5396, 5407, 5614, 5450, 5634, 5623, 5368, 5340, 5606, 5692, 5613, 5358, 5660, 5404, 5621, 5530, 5403, 5571, 5462, 5617, 5638, 5548, 5442 (14 hits)

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5640, 5690, 5569, 5602, 5526, 5529, 5434, 5644, 5501, 5475, 5262, 5426, 5701, 5615, 5265, 5587, 5340, 5425, 5555, 5261, 5500, 5387, 5275, 5563, 5436, 5579, 5395, 5322, 5284, 5583, 5349, 5255, 5557, 5594, 5592, 5420, 5577, 5427, 5376, 5324, 5537, 5328, 5523, 5525, 5441, 5337, 5382, 5373, 5611, 5417, 5533, 5485, 5627, 5695, 5378, 5323, 5380, 5320, 5565, 5596, 5629, 5491, 5540, 5394, 5623, 5251, 5650, 5714, 5548, 5510, 5400, 5694, 5584, 5313, 5624, 5593, 5396, 5411, 5341, 5638, 5330, 5448, 5352, 5683, 5685, 5595, 5524, 5708, 5272, 5259, 5477, 5678, 5483, 5578, 5315, 5691, 5422, 5374, 5301, 5720 (18 hits)
29	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5302, 5578, 5569, 5684, 5347, 5332, 5418, 5550, 5367, 5532, 5404, 5659, 5412, 5614, 5683, 5701, 5629, 5268, 5682, 5320, 5371, 5524, 5711, 5637, 5261, 5436, 5660, 5421, 5405, 5372, 5634, 5457, 5420, 5640, 5709, 5523, 5510, 5636, 5690, 5266, 5473, 5547, 5459, 5687, 5501, 5486, 5714, 5273, 5339, 5499, 5438, 5287, 5319, 5485, 5394, 5542, 5639, 5272, 5443, 5525, 5565, 5665, 5429, 5425, 5583, 5475, 5689, 5677, 5360, 5487, 5679, 5581, 5406, 5257, 5549, 5378, 5669, 5554, 5348, 5465, 5706, 5587, 5468, 5478, 5657, 5517, 5655, 5453, 5567, 5543, 5311, 5416, 5442, 5613, 5641, 5561, 5666, 5304, 5521, 5548 (20 hits)
30	9	1.0	333.0	Yes	5519.0MHz, -64.0dBm	Hop sequence: 5268, 5715, 5566, 5466, 5496, 5650, 5637, 5568, 5550, 5661, 5492, 5539, 5594, 5278, 5515, 5251, 5266, 5297, 5675, 5719, 5438, 5500, 5638, 5342, 5256, 5653, 5366, 5700, 5683, 5523, 5625, 5353, 5411, 5586, 5695, 5693, 5498, 5506, 5658, 5690, 5575, 5422, 5674, 5610, 5412, 5487, 5590, 5687, 5541, 5652, 5639, 5352, 5526, 5320, 5524, 5620, 5440, 5329, 5470, 5597, 5688, 5665, 5364, 5601, 5391, 5285, 5458, 5262, 5475, 5723, 5317, 5486, 5518, 5510, 5542, 5299, 5514, 5698, 5718, 5685, 5548, 5694, 5717, 5696, 5473, 5682, 5536, 5533, 5257, 5722, 5493, 5630, 5516, 5449, 5416, 5392, 5374, 5336, 5508, 5463 (24 hits)
31	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5660, 5398, 5372, 5713, 5347, 5566, 5478, 5565, 5300, 5684, 5630, 5548, 5703, 5448, 5287, 5312, 5598, 5456, 5254, 5693, 5433, 5444, 5721, 5608, 5329, 5333, 5364, 5442, 5263, 5266, 5616, 5705, 5475, 5484, 5635, 5681, 5591, 5689, 5462,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5315, 5293, 5318, 5346, 5637, 5451, 5467, 5512, 5549, 5483, 5360, 5454, 5397, 5592, 5621, 5378, 5697, 5687, 5683, 5385, 5499, 5295, 5369, 5327, 5653, 5676, 5552, 5420, 5657, 5508, 5268, 5530, 5326, 5284, 5507, 5506, 5486, 5485, 5366, 5460, 5440, 5479, 5638, 5463, 5516, 5354, 5569, 5356, 5252, 5421, 5652, 5407, 5400, 5402, 5487, 5425, 5422, 5264, 5334, 5278, 5391 (13 hits)
32	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5492, 5286, 5586, 5324, 5485, 5509, 5265, 5711, 5295, 5319, 5502, 5508, 5440, 5467, 5344, 5483, 5610, 5451, 5694, 5482, 5634, 5255, 5488, 5518, 5316, 5443, 5285, 5495, 5360, 5400, 5381, 5533, 5268, 5721, 5418, 5435, 5470, 5335, 5334, 5330, 5431, 5372, 5272, 5452, 5546, 5561, 5416, 5422, 5259, 5566, 5253, 5640, 5520, 5404, 5724, 5675, 5364, 5256, 5358, 5463, 5581, 5688, 5515, 5563, 5674, 5585, 5584, 5280, 5692, 5702, 5269, 5555, 5351, 5458, 5439, 5257, 5626, 5657, 5449, 5540, 5290, 5577, 5594, 5281, 5671, 5628, 5683, 5294, 5630, 5444, 5510, 5669, 5382, 5496, 5572, 5446, 5288, 5649, 5687, 5654 (17 hits)
33	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5505, 5574, 5364, 5258, 5603, 5548, 5713, 5436, 5677, 5405, 5674, 5317, 5278, 5355, 5516, 5273, 5617, 5465, 5591, 5717, 5262, 5571, 5442, 5604, 5432, 5643, 5522, 5383, 5492, 5489, 5480, 5509, 5546, 5396, 5318, 5664, 5557, 5407, 5711, 5527, 5667, 5285, 5626, 5680, 5575, 5384, 5621, 5671, 5534, 5721, 5644, 5340, 5438, 5349, 5506, 5290, 5361, 5359, 5661, 5404, 5276, 5334, 5266, 5463, 5399, 5718, 5628, 5499, 5609, 5252, 5583, 5314, 5431, 5502, 5450, 5310, 5682, 5675, 5692, 5427, 5363, 5490, 5655, 5498, 5281, 5333, 5287, 5684, 5454, 5542, 5553, 5298, 5380, 5551, 5356, 5613, 5709, 5265, 5569, 5479 (18 hits)
34	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5484, 5461, 5708, 5278, 5466, 5354, 5389, 5459, 5297, 5456, 5325, 5272, 5478, 5277, 5590, 5393, 5442, 5488, 5570, 5678, 5555, 5294, 5411, 5562, 5608, 5652, 5533, 5281, 5314, 5711, 5492, 5558, 5261, 5406, 5263, 5702, 5256, 5455, 5594, 5381, 5373, 5636, 5595, 5377, 5286, 5673, 5550, 5341, 5356, 5620, 5431, 5302, 5448, 5534, 5526, 5725, 5343, 5511, 5289, 5306, 5258, 5697, 5687, 5446, 5308, 5693, 5695, 5567, 5352, 5358, 5401, 5428, 5654, 5387, 5405, 5625, 5376, 5500, 5596, 5477, 5508,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5309, 5288, 5409, 5348, 5475, 5476, 5418, 5390, 5616, 5591, 5317, 5674, 5709, 5714, 5578, 5287, 5542, 5330, 5602 (13 hits)
35	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5532, 5505, 5417, 5639, 5650, 5463, 5486, 5662, 5426, 5628, 5445, 5699, 5386, 5279, 5264, 5465, 5434, 5419, 5342, 5312, 5414, 5518, 5474, 5382, 5277, 5684, 5537, 5371, 5266, 5566, 5591, 5597, 5391, 5685, 5702, 5565, 5449, 5330, 5564, 5309, 5319, 5416, 5255, 5431, 5271, 5643, 5531, 5611, 5408, 5437, 5380, 5642, 5503, 5697, 5366, 5321, 5543, 5272, 5270, 5393, 5676, 5258, 5378, 5262, 5470, 5446, 5324, 5568, 5630, 5508, 5252, 5576, 5447, 5457, 5646, 5559, 5530, 5705, 5280, 5368, 5438, 5256, 5578, 5552, 5476, 5573, 5441, 5584, 5681, 5415, 5472, 5682, 5601, 5346, 5587, 5596, 5718, 5261, 5713, 5563 (16 hits)
36	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5488, 5286, 5498, 5486, 5713, 5418, 5613, 5715, 5256, 5348, 5443, 5533, 5695, 5425, 5455, 5637, 5312, 5669, 5465, 5563, 5391, 5663, 5579, 5463, 5264, 5543, 5681, 5429, 5437, 5482, 5698, 5516, 5592, 5685, 5423, 5494, 5627, 5573, 5672, 5260, 5308, 5276, 5690, 5509, 5352, 5522, 5419, 5448, 5478, 5403, 5452, 5386, 5614, 5680, 5504, 5385, 5705, 5362, 5548, 5574, 5267, 5277, 5621, 5400, 5529, 5404, 5697, 5433, 5451, 5632, 5278, 5554, 5589, 5623, 5719, 5560, 5659, 5318, 5654, 5612, 5568, 5436, 5581, 5585, 5363, 5357, 5495, 5355, 5635, 5476, 5555, 5535, 5329, 5643, 5444, 5675, 5692, 5427, 5380, 5630 (17 hits)
37	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5645, 5485, 5280, 5615, 5471, 5569, 5477, 5626, 5548, 5381, 5589, 5401, 5585, 5423, 5274, 5514, 5636, 5285, 5367, 5412, 5306, 5619, 5511, 5305, 5478, 5398, 5262, 5709, 5677, 5320, 5612, 5681, 5321, 5656, 5657, 5301, 5473, 5457, 5552, 5392, 5318, 5489, 5539, 5444, 5504, 5322, 5357, 5695, 5284, 5394, 5630, 5618, 5627, 5599, 5682, 5413, 5693, 5484, 5694, 5506, 5718, 5331, 5330, 5525, 5265, 5596, 5576, 5362, 5391, 5257, 5530, 5583, 5706, 5281, 5690, 5587, 5594, 5591, 5608, 5544, 5359, 5670, 5325, 5437, 5312, 5369, 5557, 5429, 5701, 5578, 5447, 5696, 5430, 5687, 5431, 5622, 5456, 5384, 5461, 5561 (13 hits)
38	9	1.0	333.0	Yes	5527.0MHz, -64.0dBm	Hop sequence: 5532, 5475, 5300, 5574, 5583, 5264, 5506, 5437, 5283, 5512, 5586, 5519, 5406, 5373, 5551,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5538, 5294, 5458, 5282, 5371, 5454, 5395, 5553, 5432, 5642, 5709, 5592, 5598, 5353, 5365, 5374, 5726, 5319, 5286, 5261, 5646, 5451, 5464, 5338, 5392, 5385, 5541, 5638, 5343, 5700, 5487, 5278, 5495, 5299, 5383, 5457, 5438, 5703, 5389, 5341, 5273, 5722, 5295, 5645, 5591, 5690, 5721, 5491, 5462, 5564, 5483, 5477, 5492, 5692, 5418, 5627, 5618, 5408, 5363, 5284, 5308, 5629, 5511, 5536, 5331, 5323, 5251, 5556, 5411, 5527, 5660, 5336, 5595, 5346, 5332, 5686, 5265, 5381, 5391, 5605, 5673, 5376, 5620, 5724, 5442 (16 hits)
39	9	1.0	333.0	Yes	5528.0MHz, -64.0dBm	Hop sequence: 5705, 5635, 5531, 5685, 5558, 5648, 5517, 5724, 5345, 5532, 5351, 5650, 5273, 5358, 5418, 5586, 5435, 5479, 5415, 5325, 5612, 5664, 5348, 5649, 5331, 5534, 5640, 5400, 5253, 5431, 5311, 5286, 5305, 5279, 5708, 5636, 5507, 5439, 5285, 5326, 5391, 5512, 5355, 5511, 5444, 5394, 5604, 5478, 5329, 5526, 5666, 5268, 5396, 5341, 5284, 5563, 5378, 5308, 5598, 5288, 5462, 5627, 5527, 5369, 5492, 5605, 5313, 5307, 5542, 5436, 5630, 5639, 5306, 5277, 5428, 5590, 5683, 5476, 5370, 5470, 5392, 5259, 5441, 5628, 5574, 5601, 5365, 5585, 5403, 5443, 5299, 5281, 5670, 5631, 5707, 5580, 5616, 5362, 5564, 5420 (14 hits)
40	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5646, 5433, 5568, 5657, 5519, 5494, 5522, 5639, 5655, 5437, 5572, 5587, 5525, 5401, 5291, 5651, 5627, 5376, 5574, 5482, 5444, 5504, 5328, 5274, 5660, 5355, 5563, 5278, 5378, 5264, 5434, 5501, 5446, 5692, 5626, 5489, 5716, 5664, 5543, 5423, 5359, 5499, 5397, 5558, 5537, 5392, 5648, 5506, 5521, 5462, 5512, 5725, 5685, 5500, 5707, 5526, 5600, 5294, 5628, 5409, 5356, 5681, 5633, 5610, 5329, 5415, 5510, 5588, 5349, 5286, 5674, 5332, 5703, 5319, 5690, 5280, 5471, 5606, 5493, 5342, 5413, 5484, 5638, 5631, 5428, 5416, 5584, 5438, 5263, 5560, 5485, 5283, 5265, 5700, 5677, 5365, 5440, 5425, 5254, 5687 (20 hits)
41	9	1.0	333.0	Yes	5530.0MHz, -64.0dBm	Hop sequence: 5285, 5653, 5660, 5321, 5475, 5542, 5298, 5724, 5391, 5642, 5666, 5349, 5620, 5708, 5364, 5539, 5601, 5565, 5710, 5657, 5672, 5305, 5621, 5502, 5397, 5598, 5548, 5503, 5411, 5371, 5618, 5568, 5370, 5491, 5722, 5507, 5498, 5436, 5709, 5303, 5714, 5463, 5645, 5325, 5626, 5591, 5265, 5259, 5478, 5515, 5640, 5551, 5564, 5467, 5408, 5412, 5690,



Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5409, 5437, 5705, 5535, 5497, 5474, 5269, 5695, 5294, 5286, 5712, 5494, 5351, 5387, 5435, 5519, 5723, 5275, 5378, 5339, 5460, 5278, 5254, 5355, 5614, 5623, 5306, 5266, 5319, 5485, 5579, 5333, 5679, 5312, 5267, 5496, 5563, 5530, 5555, 5558, 5513, 5650, 5639 (23 hits)
42	9	1.0	333.0	Yes	5531.0MHz, -64.0dBm	Hop sequence: 5565, 5695, 5534, 5412, 5463, 5614, 5613, 5325, 5283, 5324, 5311, 5426, 5622, 5337, 5264, 5533, 5503, 5408, 5405, 5365, 5664, 5711, 5297, 5656, 5302, 5666, 5548, 5370, 5593, 5632, 5647, 5251, 5500, 5673, 5399, 5479, 5678, 5291, 5546, 5341, 5642, 5616, 5456, 5285, 5480, 5477, 5644, 5625, 5726, 5514, 5575, 5378, 5344, 5553, 5397, 5688, 5371, 5596, 5627, 5608, 5693, 5449, 5712, 5305, 5263, 5704, 5587, 5696, 5581, 5438, 5640, 5288, 5334, 5697, 5265, 5258, 5363, 5445, 5671, 5498, 5595, 5687, 5628, 5675, 5417, 5562, 5490, 5392, 5340, 5635, 5658, 5280, 5516, 5342, 5250, 5600, 5584, 5475, 5483, 5567 (13 hits)
43	9	1.0	333.0	Yes	5532.0MHz, -64.0dBm	Hop sequence: 5669, 5472, 5508, 5584, 5611, 5321, 5322, 5282, 5712, 5369, 5534, 5268, 5387, 5549, 5503, 5597, 5296, 5679, 5344, 5509, 5600, 5262, 5453, 5686, 5639, 5416, 5586, 5411, 5458, 5401, 5283, 5428, 5697, 5363, 5414, 5554, 5563, 5473, 5502, 5562, 5692, 5335, 5311, 5532, 5469, 5661, 5323, 5288, 5589, 5441, 5592, 5402, 5483, 5593, 5477, 5380, 5313, 5659, 5373, 5365, 5499, 5307, 5375, 5298, 5536, 5303, 5506, 5494, 5491, 5320, 5695, 5500, 5553, 5646, 5270, 5325, 5331, 5389, 5561, 5452, 5627, 5668, 5487, 5647, 5715, 5485, 5393, 5424, 5531, 5381, 5528, 5703, 5412, 5606, 5422, 5602, 5358, 5278, 5403, 5598 (20 hits)
44	9	1.0	333.0	Yes	5533.0MHz, -64.0dBm	Hop sequence: 5645, 5608, 5273, 5403, 5405, 5330, 5626, 5312, 5458, 5670, 5258, 5520, 5620, 5528, 5329, 5604, 5303, 5327, 5340, 5530, 5454, 5688, 5586, 5564, 5364, 5252, 5696, 5480, 5693, 5660, 5413, 5715, 5464, 5490, 5511, 5675, 5551, 5287, 5344, 5477, 5434, 5377, 5299, 5618, 5358, 5342, 5561, 5282, 5575, 5444, 5343, 5318, 5669, 5423, 5301, 5269, 5336, 5415, 5333, 5310, 5469, 5470, 5370, 5292, 5414, 5499, 5701, 5406, 5369, 5694, 5374, 5624, 5412, 5559, 5267, 5650, 5569, 5355, 5466, 5719, 5308, 5322, 5547, 5427, 5631, 5549, 5639, 5555, 5588, 5367, 5305, 5253, 5534, 5681, 5666, 5473, 5550, 5594, 5446,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5667 (15 hits)
45	9	1.0	333.0	Yes	5534.0MHz, -64.0dBm	Hop sequence: 5588, 5296, 5643, 5649, 5528, 5614, 5329, 5481, 5542, 5429, 5705, 5632, 5488, 5474, 5687, 5467, 5565, 5553, 5317, 5684, 5399, 5364, 5412, 5413, 5273, 5336, 5656, 5448, 5410, 5455, 5334, 5468, 5623, 5574, 5589, 5305, 5426, 5294, 5584, 5685, 5256, 5288, 5432, 5651, 5424, 5297, 5549, 5630, 5571, 5547, 5546, 5479, 5698, 5348, 5438, 5284, 5298, 5624, 5538, 5682, 5518, 5596, 5326, 5594, 5325, 5615, 5281, 5551, 5500, 5381, 5539, 5276, 5525, 5708, 5489, 5478, 5340, 5702, 5371, 5625, 5390, 5604, 5407, 5658, 5570, 5417, 5457, 5487, 5524, 5648, 5526, 5261, 5575, 5475, 5597, 5389, 5384, 5293, 5515, 5586 (16 hits)
46	9	1.0	333.0	Yes	5535.0MHz, -64.0dBm	Hop sequence: 5456, 5377, 5720, 5533, 5715, 5283, 5348, 5252, 5616, 5371, 5403, 5503, 5510, 5556, 5269, 5347, 5635, 5406, 5267, 5532, 5504, 5554, 5405, 5523, 5545, 5622, 5413, 5419, 5502, 5485, 5276, 5253, 5444, 5375, 5418, 5282, 5684, 5270, 5330, 5277, 5349, 5679, 5300, 5497, 5268, 5619, 5522, 5367, 5590, 5649, 5596, 5483, 5428, 5557, 5707, 5421, 5258, 5261, 5634, 5266, 5689, 5702, 5659, 5534, 5589, 5511, 5675, 5296, 5696, 5586, 5631, 5458, 5701, 5401, 5393, 5308, 5604, 5651, 5324, 5404, 5618, 5541, 5305, 5665, 5519, 5323, 5540, 5343, 5440, 5695, 5509, 5697, 5644, 5573, 5633, 5488, 5278, 5595, 5461, 5285 (19 hits)
47	9	1.0	333.0	Yes	5536.0MHz, -64.0dBm	Hop sequence: 5676, 5412, 5585, 5635, 5703, 5462, 5608, 5557, 5580, 5276, 5717, 5467, 5316, 5519, 5477, 5341, 5726, 5496, 5674, 5290, 5396, 5593, 5656, 5484, 5382, 5511, 5381, 5445, 5331, 5351, 5681, 5718, 5449, 5478, 5544, 5563, 5413, 5642, 5706, 5453, 5397, 5433, 5545, 5261, 5626, 5426, 5431, 5502, 5579, 5422, 5430, 5723, 5620, 5602, 5437, 5715, 5257, 5280, 5384, 5512, 5668, 5720, 5321, 5315, 5293, 5322, 5531, 5605, 5268, 5308, 5414, 5359, 5571, 5253, 5481, 5438, 5657, 5398, 5471, 5278, 5632, 5558, 5636, 5343, 5390, 5391, 5644, 5523, 5551, 5368, 5311, 5457, 5629, 5488, 5546, 5598, 5669, 5595, 5625, 5393 (14 hits)
48	9	1.0	333.0	Yes	5537.0MHz, -64.0dBm	Hop sequence: 5386, 5459, 5547, 5628, 5702, 5401, 5577, 5328, 5686, 5487, 5551, 5542, 5637, 5402, 5678, 5286, 5592, 5455, 5591, 5651, 5544, 5725, 5358, 5589, 5661, 5706, 5388, 5282, 5571, 5252, 5711, 5494, 5478,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5704, 5560, 5415, 5719, 5503, 5659, 5526, 5504, 5398, 5566, 5390, 5699, 5682, 5299, 5604, 5413, 5530, 5454, 5389, 5343, 5587, 5485, 5255, 5443, 5469, 5710, 5369, 5403, 5552, 5381, 5327, 5345, 5260, 5690, 5385, 5317, 5722, 5584, 5261, 5284, 5667, 5616, 5717, 5677, 5373, 5445, 5537, 5623, 5422, 5497, 5554, 5294, 5543, 5431, 5674, 5336, 5694, 5360, 5461, 5338, 5429, 5574, 5576, 5453, 5365, 5426, 5300 (16 hits)
49	9	1.0	333.0	Yes	5538.0MHz, -64.0dBm	Hop sequence: 5263, 5596, 5533, 5303, 5423, 5419, 5508, 5586, 5384, 5257, 5642, 5710, 5405, 5715, 5394, 5396, 5356, 5595, 5675, 5312, 5375, 5639, 5286, 5655, 5628, 5561, 5539, 5604, 5417, 5302, 5505, 5407, 5506, 5549, 5281, 5662, 5695, 5690, 5379, 5658, 5712, 5455, 5467, 5626, 5602, 5511, 5572, 5259, 5391, 5473, 5680, 5308, 5431, 5538, 5280, 5700, 5447, 5498, 5374, 5574, 5560, 5410, 5654, 5496, 5476, 5570, 5688, 5670, 5697, 5335, 5556, 5282, 5293, 5636, 5441, 5251, 5633, 5486, 5358, 5296, 5277, 5322, 5351, 5713, 5261, 5724, 5319, 5347, 5541, 5536, 5306, 5492, 5345, 5568, 5353, 5653, 5376, 5430, 5534, 5270 (18 hits)
50	9	1.0	333.0	Yes	5539.0MHz, -64.0dBm	Hop sequence: 5388, 5360, 5309, 5509, 5719, 5724, 5413, 5289, 5474, 5559, 5264, 5688, 5606, 5505, 5441, 5410, 5478, 5328, 5346, 5715, 5625, 5285, 5256, 5461, 5512, 5555, 5510, 5676, 5467, 5661, 5518, 5500, 5279, 5705, 5665, 5487, 5384, 5520, 5458, 5720, 5379, 5259, 5334, 5634, 5323, 5561, 5475, 5337, 5537, 5397, 5301, 5637, 5569, 5678, 5589, 5480, 5577, 5350, 5362, 5548, 5444, 5533, 5304, 5305, 5427, 5446, 5523, 5419, 5440, 5558, 5575, 5374, 5293, 5486, 5651, 5476, 5401, 5581, 5325, 5287, 5371, 5431, 5717, 5452, 5416, 5378, 5258, 5639, 5470, 5437, 5310, 5382, 5394, 5635, 5390, 5649, 5681, 5386, 5312, 5693 (16 hits)
51	9	1.0	333.0	Yes	5540.0MHz, -64.0dBm	Hop sequence: 5572, 5332, 5518, 5648, 5669, 5646, 5469, 5610, 5418, 5522, 5272, 5274, 5297, 5271, 5373, 5262, 5468, 5677, 5423, 5323, 5519, 5628, 5454, 5517, 5718, 5476, 5363, 5393, 5561, 5613, 5457, 5300, 5355, 5445, 5382, 5369, 5607, 5320, 5700, 5338, 5631, 5477, 5705, 5333, 5302, 5656, 5574, 5301, 5441, 5562, 5346, 5662, 5348, 5289, 5277, 5708, 5606, 5334, 5687, 5689, 5385, 5425, 5394, 5361, 5580, 5482, 5432, 5466, 5342, 5357, 5609, 5521, 5311, 5717, 5347,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5554, 5255, 5265, 5660, 5314, 5459, 5724, 5362, 5431, 5582, 5281, 5420, 5384, 5653, 5464, 5360, 5381, 5443, 5286, 5405, 5426, 5558, 5603, 5427, 5568 (10 hits)
52	9	1.0	333.0	Yes	5541.0MHz, -64.0dBm	Hop sequence: 5574, 5632, 5674, 5659, 5693, 5608, 5548, 5282, 5653, 5414, 5462, 5536, 5316, 5371, 5328, 5589, 5448, 5520, 5573, 5500, 5583, 5595, 5553, 5545, 5528, 5725, 5450, 5453, 5718, 5362, 5611, 5317, 5330, 5270, 5259, 5662, 5251, 5555, 5339, 5581, 5712, 5571, 5420, 5277, 5504, 5556, 5537, 5291, 5252, 5375, 5364, 5687, 5490, 5303, 5281, 5486, 5567, 5262, 5576, 5311, 5541, 5376, 5278, 5648, 5641, 5268, 5514, 5646, 5626, 5342, 5276, 5406, 5432, 5370, 5530, 5672, 5696, 5598, 5381, 5563, 5686, 5617, 5501, 5412, 5665, 5599, 5446, 5706, 5356, 5411, 5419, 5564, 5724, 5274, 5427, 5586, 5684, 5351, 5572, 5382 (18 hits)
53	9	1.0	333.0	Yes	5542.0MHz, -64.0dBm	Hop sequence: 5442, 5279, 5571, 5324, 5338, 5669, 5507, 5450, 5681, 5366, 5675, 5706, 5598, 5317, 5537, 5722, 5688, 5257, 5319, 5599, 5677, 5542, 5252, 5493, 5322, 5504, 5557, 5298, 5512, 5403, 5648, 5618, 5566, 5325, 5277, 5452, 5590, 5398, 5409, 5373, 5609, 5602, 5597, 5710, 5576, 5306, 5352, 5546, 5462, 5561, 5268, 5283, 5444, 5503, 5541, 5652, 5613, 5295, 5363, 5301, 5521, 5276, 5586, 5476, 5630, 5501, 5468, 5399, 5440, 5439, 5333, 5697, 5329, 5559, 5625, 5346, 5278, 5285, 5621, 5555, 5425, 5429, 5367, 5296, 5633, 5390, 5414, 5629, 5405, 5358, 5331, 5434, 5556, 5637, 5588, 5593, 5318, 5514, 5436, 5392 (18 hits)
54	9	1.0	333.0	Yes	5543.0MHz, -64.0dBm	Hop sequence: 5641, 5322, 5534, 5671, 5388, 5399, 5439, 5525, 5542, 5645, 5506, 5491, 5672, 5372, 5443, 5505, 5625, 5458, 5323, 5482, 5562, 5270, 5397, 5464, 5596, 5434, 5453, 5636, 5365, 5296, 5273, 5483, 5375, 5452, 5361, 5332, 5374, 5613, 5334, 5311, 5490, 5578, 5703, 5642, 5623, 5649, 5371, 5268, 5695, 5526, 5472, 5521, 5714, 5465, 5497, 5303, 5594, 5581, 5654, 5353, 5469, 5362, 5306, 5499, 5485, 5486, 5370, 5411, 5709, 5252, 5707, 5436, 5584, 5502, 5288, 5423, 5694, 5571, 5675, 5391, 5309, 5570, 5509, 5417, 5516, 5582, 5351, 5558, 5535, 5314, 5650, 5589, 5545, 5263, 5688, 5602, 5717, 5428, 5619, 5715 (17 hits)
55	9	1.0	333.0	Yes	5544.0MHz,	Hop sequence: 5451, 5599, 5475, 5685, 5511, 5382, 5657, 5539, 5694,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5664, 5357, 5280, 5619, 5412, 5363, 5297, 5493, 5710, 5549, 5426, 5576, 5597, 5338, 5300, 5601, 5606, 5331, 5712, 5522, 5711, 5706, 5332, 5418, 5525, 5588, 5402, 5717, 5684, 5555, 5253, 5589, 5360, 5302, 5470, 5347, 5513, 5688, 5369, 5435, 5587, 5328, 5349, 5274, 5686, 5674, 5432, 5355, 5440, 5286, 5724, 5267, 5278, 5554, 5507, 5725, 5264, 5615, 5299, 5398, 5335, 5403, 5705, 5506, 5467, 5516, 5690, 5319, 5443, 5367, 5640, 5692, 5534, 5560, 5502, 5316, 5716, 5377, 5290, 5294, 5434, 5570, 5305, 5414, 5622, 5645, 5586, 5702, 5396, 5334, 5373 (15 hits)
56	9	1.0	333.0	Yes	5545.0MHz, -64.0dBm	Hop sequence: 5435, 5305, 5339, 5544, 5362, 5586, 5399, 5481, 5446, 5671, 5332, 5661, 5335, 5285, 5461, 5619, 5430, 5290, 5386, 5639, 5528, 5568, 5451, 5407, 5377, 5569, 5495, 5556, 5439, 5534, 5258, 5298, 5429, 5260, 5371, 5636, 5677, 5515, 5264, 5387, 5704, 5442, 5370, 5667, 5415, 5626, 5651, 5499, 5587, 5293, 5509, 5470, 5615, 5432, 5482, 5346, 5559, 5443, 5540, 5368, 5590, 5660, 5333, 5641, 5308, 5314, 5359, 5687, 5617, 5707, 5557, 5574, 5449, 5356, 5466, 5635, 5378, 5598, 5453, 5462, 5700, 5410, 5680, 5417, 5679, 5640, 5583, 5539, 5266, 5416, 5390, 5374, 5512, 5561, 5304, 5476, 5331, 5694, 5326, 5363 (16 hits)
57	9	1.0	333.0	Yes	5546.0MHz, -64.0dBm	Hop sequence: 5454, 5699, 5396, 5578, 5430, 5622, 5702, 5368, 5610, 5549, 5521, 5681, 5477, 5436, 5595, 5569, 5485, 5560, 5266, 5562, 5369, 5492, 5588, 5460, 5502, 5285, 5425, 5426, 5625, 5577, 5632, 5585, 5409, 5573, 5481, 5586, 5456, 5317, 5363, 5278, 5276, 5342, 5341, 5580, 5498, 5723, 5336, 5280, 5465, 5592, 5345, 5696, 5340, 5310, 5640, 5687, 5446, 5568, 5686, 5535, 5395, 5402, 5260, 5255, 5618, 5294, 5302, 5438, 5555, 5459, 5479, 5298, 5453, 5576, 5601, 5353, 5359, 5444, 5525, 5390, 5714, 5272, 5321, 5701, 5613, 5597, 5309, 5367, 5360, 5495, 5523, 5722, 5445, 5452, 5693, 5365, 5526, 5659, 5361, 5531 (16 hits)
58	9	1.0	333.0	Yes	5547.0MHz, -64.0dBm	Hop sequence: 5488, 5490, 5653, 5552, 5548, 5573, 5256, 5617, 5668, 5450, 5257, 5439, 5258, 5341, 5339, 5507, 5357, 5311, 5348, 5360, 5682, 5422, 5419, 5463, 5381, 5375, 5618, 5722, 5544, 5590, 5387, 5428, 5442, 5448, 5438, 5506, 5545, 5644, 5268, 5470, 5342, 5271, 5404, 5293, 5688, 5304, 5514, 5615, 5282, 5673, 5447,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5502, 5675, 5300, 5700, 5480, 5638, 5261, 5301, 5414, 5605, 5466, 5433, 5464, 5551, 5601, 5485, 5532, 5400, 5690, 5672, 5721, 5641, 5380, 5703, 5531, 5427, 5671, 5539, 5613, 5496, 5533, 5594, 5372, 5583, 5620, 5524, 5660, 5343, 5547, 5527, 5324, 5391, 5677, 5725, 5436, 5608, 5691, 5418, 5622 (17 hits)
59	9	1.0	333.0	Yes	5548.0MHz, -64.0dBm	Hop sequence: 5431, 5541, 5616, 5636, 5426, 5296, 5404, 5251, 5408, 5535, 5252, 5534, 5574, 5523, 5286, 5355, 5262, 5525, 5389, 5584, 5660, 5519, 5628, 5571, 5578, 5720, 5610, 5607, 5377, 5290, 5357, 5414, 5293, 5676, 5362, 5686, 5527, 5312, 5432, 5665, 5258, 5521, 5457, 5282, 5379, 5621, 5589, 5658, 5284, 5300, 5590, 5436, 5634, 5304, 5466, 5358, 5351, 5550, 5586, 5354, 5558, 5509, 5624, 5513, 5565, 5318, 5442, 5680, 5635, 5555, 5704, 5689, 5256, 5396, 5307, 5543, 5280, 5703, 5562, 5657, 5717, 5299, 5626, 5311, 5400, 5623, 5310, 5435, 5352, 5633, 5577, 5666, 5502, 5687, 5348, 5278, 5722, 5697, 5531, 5554 (19 hits)
60	9	1.0	333.0	Yes	5549.0MHz, -64.0dBm	Hop sequence: 5381, 5577, 5569, 5618, 5309, 5526, 5534, 5393, 5413, 5694, 5273, 5695, 5469, 5570, 5641, 5610, 5428, 5373, 5676, 5433, 5313, 5391, 5259, 5317, 5292, 5525, 5423, 5647, 5463, 5477, 5615, 5339, 5602, 5253, 5371, 5390, 5406, 5262, 5547, 5488, 5722, 5387, 5310, 5282, 5725, 5524, 5595, 5662, 5300, 5462, 5304, 5333, 5294, 5362, 5532, 5378, 5643, 5425, 5587, 5420, 5546, 5664, 5691, 5327, 5719, 5707, 5395, 5460, 5652, 5467, 5616, 5693, 5572, 5665, 5416, 5283, 5555, 5346, 5452, 5612, 5478, 5353, 5630, 5344, 5305, 5515, 5627, 5674, 5669, 5444, 5453, 5380, 5625, 5290, 5360, 5696, 5507, 5263, 5386, 5403 (11 hits)
61	9	1.0	333.0	Yes	5550.0MHz, -64.0dBm	Hop sequence: 5633, 5643, 5473, 5476, 5555, 5307, 5342, 5706, 5500, 5653, 5429, 5535, 5365, 5507, 5564, 5431, 5435, 5315, 5345, 5605, 5445, 5483, 5298, 5704, 5521, 5301, 5489, 5257, 5412, 5260, 5593, 5718, 5352, 5399, 5351, 5586, 5693, 5264, 5680, 5611, 5324, 5546, 5562, 5619, 5289, 5406, 5594, 5621, 5662, 5349, 5627, 5281, 5600, 5683, 5329, 5344, 5550, 5568, 5276, 5672, 5454, 5390, 5299, 5566, 5703, 5479, 5440, 5557, 5265, 5469, 5255, 5392, 5474, 5444, 5640, 5285, 5539, 5604, 5360, 5582, 5376, 5553, 5610, 5434, 5401, 5684, 5577, 5292, 5501, 5707, 5517, 5466, 5432,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5448, 5451, 5424, 5300, 5531, 5330, 5490 (17 hits)
62	9	1.0	333.0	Yes	5551.0MHz, -64.0dBm	Hop sequence: 5689, 5275, 5590, 5579, 5714, 5310, 5352, 5251, 5545, 5366, 5416, 5437, 5382, 5413, 5490, 5329, 5395, 5537, 5539, 5525, 5387, 5719, 5642, 5312, 5520, 5604, 5636, 5692, 5723, 5337, 5622, 5577, 5530, 5555, 5393, 5710, 5435, 5552, 5444, 5699, 5298, 5288, 5616, 5330, 5478, 5429, 5606, 5276, 5351, 5411, 5302, 5394, 5541, 5299, 5267, 5501, 5417, 5372, 5325, 5677, 5654, 5523, 5485, 5655, 5594, 5553, 5322, 5591, 5627, 5318, 5264, 5493, 5581, 5483, 5548, 5499, 5365, 5338, 5535, 5472, 5498, 5613, 5314, 5648, 5521, 5656, 5480, 5688, 5620, 5652, 5690, 5363, 5513, 5580, 5571, 5410, 5290, 5550, 5674, 5725 (20 hits)
63	9	1.0	333.0	Yes	5552.0MHz, -64.0dBm	Hop sequence: 5661, 5391, 5576, 5609, 5304, 5680, 5455, 5525, 5649, 5587, 5567, 5404, 5422, 5519, 5437, 5396, 5386, 5570, 5275, 5468, 5651, 5599, 5309, 5253, 5543, 5323, 5668, 5512, 5321, 5648, 5271, 5659, 5572, 5305, 5718, 5517, 5291, 5298, 5645, 5631, 5582, 5361, 5444, 5463, 5665, 5679, 5269, 5528, 5553, 5614, 5402, 5598, 5513, 5597, 5403, 5639, 5451, 5544, 5315, 5335, 5347, 5417, 5314, 5523, 5636, 5381, 5720, 5690, 5606, 5611, 5353, 5524, 5551, 5308, 5640, 5481, 5368, 5261, 5588, 5580, 5487, 5264, 5344, 5260, 5398, 5341, 5250, 5378, 5628, 5693, 5313, 5330, 5288, 5591, 5712, 5458, 5338, 5574, 5612, 5711 (13 hits)
64	9	1.0	333.0	Yes	5553.0MHz, -64.0dBm	Hop sequence: 5524, 5375, 5260, 5323, 5449, 5410, 5432, 5706, 5619, 5626, 5276, 5403, 5257, 5395, 5716, 5380, 5639, 5508, 5670, 5631, 5540, 5418, 5645, 5616, 5595, 5376, 5703, 5680, 5251, 5419, 5485, 5501, 5291, 5285, 5610, 5306, 5347, 5717, 5288, 5648, 5289, 5594, 5299, 5590, 5283, 5413, 5494, 5325, 5721, 5474, 5632, 5654, 5693, 5384, 5259, 5657, 5529, 5675, 5711, 5541, 5476, 5464, 5447, 5497, 5601, 5297, 5559, 5295, 5441, 5331, 5298, 5527, 5566, 5516, 5421, 5503, 5341, 5275, 5332, 5348, 5498, 5296, 5725, 5286, 5661, 5552, 5480, 5478, 5282, 5636, 5589, 5266, 5370, 5615, 5271, 5539, 5573, 5538, 5532, 5443 (18 hits)
65	9	1.0	333.0	Yes	5554.0MHz, -64.0dBm	Hop sequence: 5617, 5435, 5539, 5369, 5365, 5287, 5445, 5541, 5404, 5347, 5553, 5401, 5692, 5302, 5413, 5536, 5693, 5699, 5272, 5534, 5513, 5611, 5597, 5395, 5651, 5252, 5418,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5511, 5621, 5490, 5602, 5565, 5687, 5509, 5441, 5341, 5280, 5389, 5711, 5575, 5639, 5323, 5703, 5278, 5463, 5663, 5405, 5721, 5712, 5394, 5613, 5700, 5660, 5474, 5279, 5640, 5329, 5322, 5559, 5668, 5530, 5666, 5277, 5524, 5416, 5291, 5326, 5332, 5596, 5355, 5585, 5552, 5273, 5393, 5525, 5561, 5702, 5259, 5564, 5528, 5353, 5694, 5338, 5462, 5382, 5370, 5356, 5284, 5540, 5690, 5336, 5487, 5292, 5635, 5521, 5387, 5517, 5593, 5496, 5638 (21 hits)
66	9	1.0	333.0	Yes	5555.0MHz, -64.0dBm	Hop sequence: 5301, 5599, 5604, 5573, 5636, 5701, 5371, 5608, 5261, 5719, 5305, 5412, 5329, 5264, 5722, 5451, 5266, 5571, 5311, 5688, 5724, 5591, 5273, 5292, 5570, 5296, 5299, 5496, 5399, 5290, 5485, 5373, 5259, 5449, 5647, 5298, 5621, 5590, 5523, 5704, 5491, 5475, 5661, 5699, 5284, 5668, 5587, 5459, 5312, 5534, 5725, 5644, 5406, 5317, 5716, 5396, 5250, 5366, 5442, 5271, 5685, 5413, 5257, 5689, 5343, 5515, 5569, 5325, 5721, 5422, 5541, 5532, 5492, 5615, 5315, 5265, 5352, 5557, 5450, 5519, 5355, 5502, 5678, 5280, 5603, 5268, 5561, 5567, 5643, 5368, 5395, 5518, 5675, 5641, 5656, 5694, 5307, 5610, 5308, 5357 (15 hits)
67	9	1.0	333.0	Yes	5556.0MHz, -64.0dBm	Hop sequence: 5669, 5319, 5638, 5304, 5307, 5410, 5301, 5618, 5452, 5364, 5646, 5512, 5417, 5620, 5374, 5713, 5522, 5423, 5455, 5474, 5274, 5511, 5594, 5251, 5430, 5360, 5699, 5463, 5564, 5462, 5501, 5357, 5725, 5395, 5678, 5367, 5534, 5605, 5279, 5284, 5329, 5267, 5517, 5677, 5500, 5722, 5258, 5634, 5609, 5629, 5255, 5311, 5587, 5269, 5332, 5660, 5683, 5302, 5504, 5429, 5724, 5552, 5524, 5518, 5340, 5688, 5565, 5456, 5559, 5466, 5427, 5484, 5482, 5400, 5450, 5381, 5658, 5310, 5572, 5480, 5344, 5719, 5627, 5698, 5721, 5661, 5328, 5321, 5597, 5457, 5350, 5714, 5674, 5393, 5492, 5495, 5666, 5458, 5602, 5285 (16 hits)
68	9	1.0	333.0	Yes	5557.0MHz, -64.0dBm	Hop sequence: 5700, 5675, 5464, 5460, 5264, 5702, 5310, 5610, 5266, 5269, 5320, 5551, 5299, 5648, 5725, 5513, 5293, 5393, 5428, 5370, 5272, 5628, 5303, 5657, 5308, 5283, 5476, 5484, 5713, 5618, 5305, 5282, 5268, 5338, 5441, 5496, 5637, 5489, 5642, 5377, 5275, 5463, 5690, 5553, 5298, 5425, 5656, 5699, 5251, 5523, 5485, 5712, 5444, 5356, 5319, 5474, 5432, 5342, 5592, 5493, 5312, 5439, 5612, 5446, 5672, 5526, 5579, 5696, 5547,



Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5466, 5576, 5563, 5383, 5501, 5538, 5257, 5405, 5548, 5668, 5376, 5368, 5477, 5449, 5708, 5364, 5260, 5327, 5442, 5314, 5371, 5434, 5475, 5459, 5261, 5277, 5678, 5535, 5280, 5655, 5344 (13 hits)
69	9	1.0	333.0	Yes	5558.0MHz, -64.0dBm	Hop sequence: 5656, 5435, 5260, 5275, 5410, 5494, 5287, 5256, 5350, 5277, 5359, 5451, 5496, 5378, 5497, 5377, 5562, 5262, 5345, 5274, 5402, 5596, 5507, 5253, 5355, 5480, 5344, 5272, 5323, 5306, 5527, 5432, 5671, 5561, 5330, 5453, 5529, 5722, 5290, 5587, 5457, 5250, 5519, 5602, 5471, 5279, 5332, 5338, 5381, 5569, 5626, 5506, 5401, 5564, 5438, 5677, 5269, 5445, 5278, 5676, 5689, 5674, 5285, 5652, 5357, 5390, 5295, 5556, 5553, 5449, 5617, 5352, 5280, 5362, 5559, 5621, 5476, 5653, 5367, 5680, 5523, 5392, 5576, 5693, 5281, 5623, 5477, 5297, 5336, 5371, 5608, 5517, 5385, 5372, 5699, 5543, 5575, 5314, 5431, 5577 (18 hits)
70	9	1.0	333.0	Yes	5559.0MHz, -64.0dBm	Hop sequence: 5578, 5701, 5316, 5498, 5610, 5663, 5628, 5438, 5596, 5714, 5318, 5621, 5457, 5392, 5389, 5540, 5523, 5551, 5255, 5685, 5579, 5500, 5661, 5626, 5482, 5372, 5707, 5355, 5345, 5354, 5343, 5439, 5491, 5294, 5567, 5574, 5721, 5304, 5689, 5550, 5471, 5264, 5634, 5280, 5565, 5645, 5353, 5539, 5311, 5711, 5620, 5359, 5615, 5361, 5488, 5440, 5717, 5513, 5459, 5399, 5566, 5611, 5682, 5422, 5338, 5531, 5484, 5603, 5472, 5299, 5444, 5322, 5678, 5485, 5648, 5390, 5636, 5616, 5547, 5514, 5282, 5380, 5653, 5352, 5638, 5504, 5699, 5258, 5252, 5593, 5623, 5694, 5673, 5642, 5328, 5652, 5530, 5306, 5400, 5619 (17 hits)
71	9	1.0	333.0	Yes	5560.0MHz, -64.0dBm	Hop sequence: 5712, 5468, 5353, 5671, 5552, 5701, 5565, 5675, 5412, 5293, 5601, 5575, 5674, 5426, 5562, 5665, 5619, 5684, 5321, 5364, 5627, 5399, 5678, 5466, 5327, 5568, 5286, 5423, 5258, 5645, 5598, 5478, 5464, 5709, 5566, 5356, 5302, 5516, 5341, 5304, 5257, 5377, 5384, 5261, 5485, 5561, 5334, 5713, 5632, 5620, 5532, 5644, 5366, 5265, 5379, 5303, 5681, 5414, 5514, 5319, 5489, 5381, 5716, 5509, 5394, 5350, 5536, 5337, 5268, 5556, 5691, 5336, 5285, 5295, 5626, 5726, 5613, 5301, 5555, 5614, 5406, 5331, 5383, 5492, 5413, 5703, 5662, 5338, 5266, 5558, 5369, 5427, 5458, 5352, 5279, 5284, 5515, 5653, 5676, 5408 (16 hits)
72	9	1.0	333.0	Yes	5561.0MHz,	Hop sequence: 5492, 5308, 5340,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5629, 5450, 5421, 5674, 5444, 5551, 5635, 5493, 5529, 5420, 5253, 5299, 5692, 5655, 5658, 5334, 5475, 5505, 5546, 5488, 5569, 5633, 5707, 5395, 5601, 5315, 5644, 5346, 5388, 5259, 5310, 5322, 5362, 5339, 5413, 5521, 5468, 5583, 5481, 5722, 5467, 5307, 5300, 5515, 5271, 5526, 5268, 5404, 5525, 5350, 5347, 5387, 5516, 5400, 5642, 5612, 5678, 5485, 5370, 5604, 5664, 5469, 5482, 5607, 5585, 5666, 5371, 5641, 5520, 5711, 5705, 5476, 5538, 5688, 5540, 5354, 5573, 5422, 5345, 5594, 5311, 5317, 5693, 5261, 5570, 5379, 5484, 5328, 5414, 5717, 5648, 5463, 5628, 5378, 5667, 5429, 5296 (15 hits)
73	9	1.0	333.0	Yes	5562.0MHz, -64.0dBm	Hop sequence: 5445, 5622, 5352, 5527, 5357, 5541, 5372, 5545, 5331, 5363, 5492, 5257, 5640, 5724, 5603, 5356, 5543, 5416, 5683, 5483, 5516, 5690, 5431, 5298, 5643, 5515, 5254, 5518, 5712, 5569, 5293, 5376, 5360, 5378, 5589, 5270, 5399, 5619, 5574, 5546, 5334, 5444, 5696, 5419, 5467, 5497, 5292, 5547, 5299, 5612, 5481, 5613, 5580, 5269, 5667, 5707, 5514, 5686, 5261, 5428, 5614, 5668, 5617, 5630, 5310, 5496, 5552, 5326, 5278, 5633, 5674, 5691, 5252, 5539, 5355, 5623, 5290, 5409, 5601, 5412, 5336, 5386, 5365, 5714, 5398, 5561, 5361, 5397, 5604, 5679, 5644, 5505, 5383, 5263, 5531, 5659, 5608, 5597, 5627, 5655 (19 hits)
74	9	1.0	333.0	Yes	5563.0MHz, -64.0dBm	Hop sequence: 5571, 5570, 5460, 5538, 5656, 5276, 5707, 5349, 5479, 5395, 5636, 5442, 5434, 5593, 5530, 5693, 5561, 5722, 5406, 5295, 5290, 5581, 5647, 5453, 5405, 5423, 5639, 5545, 5649, 5650, 5314, 5674, 5302, 5704, 5682, 5259, 5555, 5272, 5421, 5341, 5430, 5668, 5408, 5332, 5625, 5506, 5337, 5568, 5414, 5499, 5333, 5603, 5652, 5289, 5451, 5529, 5372, 5673, 5380, 5480, 5428, 5644, 5620, 5404, 5355, 5416, 5253, 5270, 5458, 5437, 5502, 5323, 5303, 5578, 5348, 5358, 5410, 5321, 5269, 5469, 5340, 5402, 5701, 5584, 5619, 5367, 5597, 5632, 5573, 5320, 5719, 5714, 5542, 5377, 5553, 5612, 5273, 5700, 5723, 5300 (12 hits)
75	9	1.0	333.0	Yes	5564.0MHz, -64.0dBm	Hop sequence: 5556, 5464, 5499, 5562, 5313, 5318, 5668, 5502, 5424, 5443, 5529, 5626, 5250, 5639, 5508, 5547, 5494, 5637, 5261, 5698, 5345, 5314, 5711, 5720, 5578, 5277, 5674, 5305, 5475, 5632, 5526, 5713, 5583, 5700, 5315, 5520, 5625, 5302, 5349, 5647, 5417, 5359, 5721, 5429, 5686,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5437, 5577, 5672, 5660, 5617, 5646, 5402, 5289, 5496, 5641, 5422, 5582, 5467, 5281, 5351, 5386, 5558, 5559, 5682, 5649, 5569, 5393, 5476, 5658, 5620, 5716, 5263, 5418, 5260, 5485, 5683, 5304, 5498, 5528, 5604, 5441, 5266, 5543, 5419, 5292, 5524, 5438, 5513, 5482, 5663, 5598, 5298, 5684, 5657, 5465, 5607, 5623, 5568, 5455, 5669 (20 hits)
76	9	1.0	333.0	Yes	5565.0MHz, -64.0dBm	Hop sequence: 5265, 5709, 5562, 5474, 5341, 5528, 5294, 5491, 5409, 5523, 5261, 5426, 5456, 5481, 5690, 5296, 5462, 5667, 5548, 5407, 5587, 5348, 5495, 5615, 5459, 5417, 5663, 5510, 5322, 5318, 5312, 5543, 5252, 5512, 5546, 5415, 5271, 5379, 5708, 5581, 5584, 5351, 5720, 5335, 5660, 5628, 5534, 5397, 5583, 5385, 5680, 5542, 5676, 5309, 5358, 5313, 5361, 5454, 5618, 5594, 5670, 5396, 5718, 5578, 5560, 5605, 5304, 5572, 5279, 5295, 5679, 5715, 5352, 5669, 5355, 5600, 5315, 5441, 5367, 5262, 5565, 5274, 5349, 5281, 5260, 5573, 5571, 5301, 5705, 5270, 5448, 5498, 5586, 5701, 5640, 5563, 5269, 5716, 5614, 5443 (16 hits)
77	9	1.0	333.0	Yes	5566.0MHz, -64.0dBm	Hop sequence: 5435, 5317, 5452, 5712, 5255, 5635, 5481, 5574, 5720, 5726, 5344, 5300, 5555, 5620, 5614, 5369, 5695, 5714, 5371, 5490, 5585, 5706, 5320, 5268, 5470, 5260, 5524, 5433, 5579, 5421, 5723, 5676, 5696, 5429, 5584, 5299, 5588, 5716, 5631, 5652, 5377, 5451, 5638, 5294, 5357, 5353, 5649, 5479, 5431, 5637, 5463, 5315, 5338, 5366, 5527, 5641, 5397, 5702, 5462, 5563, 5582, 5271, 5254, 5404, 5506, 5595, 5447, 5590, 5262, 5376, 5355, 5311, 5518, 5419, 5531, 5558, 5335, 5297, 5546, 5489, 5287, 5354, 5627, 5383, 5327, 5310, 5626, 5333, 5633, 5318, 5556, 5504, 5303, 5677, 5455, 5400, 5554, 5698, 5488, 5356 (12 hits)
78	9	1.0	333.0	Yes	5567.0MHz, -64.0dBm	Hop sequence: 5358, 5285, 5491, 5554, 5266, 5422, 5712, 5307, 5407, 5314, 5715, 5634, 5488, 5557, 5344, 5686, 5405, 5401, 5591, 5402, 5717, 5449, 5508, 5725, 5693, 5565, 5541, 5464, 5669, 5662, 5467, 5526, 5571, 5512, 5408, 5445, 5282, 5670, 5310, 5568, 5517, 5507, 5443, 5416, 5708, 5394, 5501, 5719, 5293, 5545, 5406, 5644, 5553, 5315, 5633, 5697, 5502, 5558, 5497, 5455, 5475, 5534, 5610, 5599, 5345, 5376, 5694, 5498, 5663, 5614, 5404, 5434, 5700, 5393, 5275, 5432, 5671, 5608, 5685, 5433, 5703, 5676, 5420, 5681, 5674, 5721, 5319,

Table 16 - FCC frequency hopping radar (Type 6) Results 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5419, 5563, 5720, 5346, 5677, 5617, 5474, 5269, 5288, 5290, 5413, 5672, 5577 (20 hits)
79	9	1.0	333.0	Yes	5568.0MHz, -64.0dBm	Hop sequence: 5423, 5316, 5397, 5612, 5707, 5558, 5341, 5617, 5287, 5668, 5347, 5376, 5334, 5492, 5401, 5538, 5627, 5633, 5718, 5628, 5323, 5709, 5429, 5290, 5552, 5686, 5621, 5493, 5583, 5513, 5369, 5508, 5529, 5458, 5577, 5413, 5671, 5452, 5327, 5299, 5683, 5695, 5579, 5602, 5482, 5339, 5646, 5314, 5274, 5342, 5536, 5485, 5623, 5319, 5258, 5684, 5308, 5550, 5315, 5578, 5384, 5370, 5505, 5556, 5557, 5564, 5643, 5528, 5267, 5303, 5553, 5363, 5264, 5494, 5533, 5570, 5457, 5704, 5328, 5584, 5574, 5487, 5432, 5544, 5252, 5355, 5510, 5572, 5534, 5284, 5501, 5337, 5530, 5380, 5349, 5364, 5318, 5698, 5516, 5532 (25 hits)

Table 17 - Long Sequence Waveform Summary 80MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5530.0MHz, -64.0dBm
Trial #2	Detected	5550.0MHz, -64.0dBm
Trial #3	Detected	5561.0MHz, -64.0dBm
Trial #4	Detected	5499.0MHz, -64.0dBm
Trial #5	Detected	5509.0MHz, -64.0dBm
Trial #6	Detected	5544.0MHz, -64.0dBm
Trial #7	Detected	5561.0MHz, -64.0dBm
Trial #8	Detected	5499.0MHz, -64.0dBm
Trial #9	Detected	5530.0MHz, -64.0dBm
Trial #10	Detected	5561.0MHz, -64.0dBm
Trial #11	Detected	5499.0MHz, -64.0dBm
Trial #12	Detected	5530.0MHz, -64.0dBm
Trial #13	Detected	5561.0MHz, -64.0dBm
Trial #14	Detected	5499.0MHz, -64.0dBm
Trial #15	Detected	5530.0MHz, -64.0dBm
Trial #16	Detected	5556.0MHz, -64.0dBm
Trial #17	Detected	5561.0MHz, -64.0dBm
Trial #18	Detected	5499.0MHz, -64.0dBm
Trial #19	Detected	5504.0MHz, -64.0dBm
Trial #20	Detected	5532.0MHz, -64.0dBm
Trial #21	Detected	5561.0MHz, -64.0dBm
Trial #22	Detected	5499.0MHz, -64.0dBm
Trial #23	Detected	5530.0MHz, -64.0dBm
Trial #24	Detected	5553.0MHz, -64.0dBm
Trial #25	Detected	5561.0MHz, -64.0dBm
Trial #26	Detected	5499.0MHz, -64.0dBm
Trial #27	Detected	5501.0MHz, -64.0dBm
Trial #28	Detected	5525.0MHz, -64.0dBm
Trial #29	Detected	5561.0MHz, -64.0dBm
Trial #30	Detected	5499.0MHz, -64.0dBm

Table 18 - Long Sequence Waveform Trial#1 (Detected) 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.9	10	1079.0	-	0.670537
2	2	59.2	10	1303.0	-	1.703873
3	2	66.1	10	1960.0	-	2.709878
4	3	96.0	7	1506.0	1967.0	4.376946
5	2	93.6	17	1597.0	-	5.410720
6	3	60.1	7	1242.0	1533.0	6.842853
7	2	57.5	19	1308.0	-	8.459060
8	2	66.7	12	1697.0	-	9.619548
9	2	95.6	18	1145.0	-	11.397257

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	71.0	9	1499.0	1096.0	0.158651
2	1	67.1	9	-	-	1.329757
3	3	86.1	14	1244.0	1947.0	2.122143
4	3	64.6	13	1678.0	1134.0	3.141652
5	1	65.9	12	-	-	4.250763
6	1	81.8	19	-	-	5.400387
7	3	91.6	8	1168.0	1597.0	6.250101
8	2	94.7	10	1171.0	-	7.248677
9	1	77.9	9	-	-	8.647622
10	2	72.6	19	1670.0	-	9.398623
11	2	81.9	13	1683.0	-	10.366632
12	2	66.9	16	1776.0	-	11.527807

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.7	15	1728.0	-	0.834416
2	2	96.9	13	1733.0	-	0.961501
3	2	60.9	8	1181.0	-	2.534843
4	2	84.5	9	1051.0	-	2.732970
5	2	67.6	16	1867.0	-	4.023873
6	1	91.5	19	-	-	4.503530
7	1	92.7	6	-	-	5.626422
8	1	84.8	15	-	-	6.011897
9	2	79.7	18	1190.0	-	7.613965
10	2	61.1	13	1761.0	-	7.915406
11	1	98.3	14	-	-	8.983321
12	3	60.1	6	1796.0	1918.0	9.836447
13	2	79.0	6	1534.0	-	10.378700
14	2	76.2	14	1806.0	-	11.567962

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.7	5	1976.0	1647.0	0.277345
2	2	55.4	13	1954.0	-	1.270906
3	3	55.2	6	1731.0	1947.0	2.415563
4	1	81.1	7	-	-	3.578477
5	3	71.4	12	1096.0	1274.0	4.156609
6	2	75.5	11	1183.0	-	5.735621
7	3	73.2	9	1475.0	1870.0	6.548487
8	2	84.6	20	1198.0	-	7.908231
9	3	94.7	12	1607.0	1262.0	8.218797
10	1	73.8	10	-	-	9.196178
11	2	54.7	6	1216.0	-	10.911047
12	2	81.1	13	1395.0	-	11.615350

<b>Table 22 - Long Sequence Waveform Trial#5 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.4	12	1166.0	-	0.610835
2	3	50.4	6	1346.0	1159.0	1.421660
3	1	71.5	12	-	-	2.120285
4	3	92.7	8	1022.0	1921.0	3.337322
5	3	58.8	14	1355.0	1049.0	4.158399
6	3	78.3	14	1413.0	1783.0	4.767449
7	2	91.5	11	1194.0	-	5.376081
8	2	93.0	15	1384.0	-	6.587957
9	1	70.0	7	-	-	7.216897
10	2	95.9	17	1147.0	-	8.361152
11	2	75.5	19	1723.0	-	8.951582
12	2	83.0	20	1886.0	-	10.102046
13	1	82.1	9	-	-	10.565856
14	3	58.4	15	1444.0	1424.0	11.675447

<b>Table 23 - Long Sequence Waveform Trial#6 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	86.5	14	-	-	0.047235
2	2	50.5	15	1553.0	-	1.062201
3	3	80.8	5	1487.0	1037.0	1.729209
4	1	71.3	19	-	-	2.320187
5	1	88.7	10	-	-	3.112012
6	1	99.9	8	-	-	3.376722
7	2	52.9	9	1528.0	-	3.941897
8	1	96.2	18	-	-	4.918475
9	2	77.0	13	1320.0	-	5.456733
10	1	69.3	6	-	-	6.204610
11	1	65.6	15	-	-	6.643695
12	2	77.8	9	1844.0	-	7.129535
13	3	75.4	12	1752.0	1290.0	7.977213
14	2	58.8	17	1465.0	-	8.247121
15	2	58.6	12	1765.0	-	9.160958
16	2	64.2	8	1975.0	-	9.545715
17	1	88.6	16	-	-	10.452582
18	1	67.9	18	-	-	10.910053
19	2	60.6	15	1102.0	-	11.721020

<b>Table 24 - Long Sequence Waveform Trial#7 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	100.0	9	1715.0	1910.0	0.650301
2	1	71.9	18	-	-	1.326486
3	2	70.6	10	1141.0	-	1.946006
4	3	83.5	6	1757.0	1287.0	2.460821
5	2	85.6	14	1057.0	-	3.181378
6	3	94.1	5	1455.0	1903.0	3.849630
7	1	61.5	10	-	-	4.374855
8	1	53.3	17	-	-	4.846232
9	2	86.6	7	1365.0	-	5.933866
10	2	50.2	9	1532.0	-	6.654742
11	2	54.3	12	1293.0	-	6.845108
12	3	92.8	11	1523.0	1422.0	7.632529
13	3	59.3	9	1025.0	1478.0	8.461115
14	2	68.5	16	1263.0	-	9.102494
15	2	52.9	18	1727.0	-	9.619833
16	2	88.4	9	1993.0	-	10.541154
17	3	80.5	11	1513.0	1950.0	10.900920
18	2	66.9	14	1846.0	-	11.575987

<b>Table 25 - Long Sequence Waveform Trial#8 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	90.1	10	1231.0	1530.0	1.057154
2	3	50.5	17	1389.0	1855.0	2.138976
3	2	51.0	8	1736.0	-	2.915316
4	3	62.8	18	1754.0	1079.0	3.736930
5	2	63.4	9	1219.0	-	5.189857
6	3	60.1	11	1008.0	1873.0	5.844607
7	1	52.2	14	-	-	7.039692
8	2	79.5	12	1924.0	-	7.727233
9	2	73.6	16	1462.0	-	9.335864
10	2	81.5	5	1825.0	-	10.884116
11	2	73.7	13	1798.0	-	11.799886



<b>Table 26 - Long Sequence Waveform Trial#9 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	98.4	7	1137.0	1671.0	0.393838
2	1	96.3	7	-	-	0.969483
3	2	59.0	19	1353.0	-	1.591731
4	2	94.9	11	1769.0	-	2.044139
5	1	84.1	6	-	-	2.725796
6	2	76.1	18	1834.0	-	3.625616
7	2	57.8	13	1779.0	-	4.178371
8	1	86.5	6	-	-	4.915311
9	1	55.7	16	-	-	5.575853
10	3	61.8	12	1682.0	1123.0	5.738201
11	3	78.0	15	1224.0	1970.0	6.382839
12	2	52.7	8	1868.0	-	7.377721
13	2	86.1	19	1522.0	-	7.672349
14	2	62.1	10	1733.0	-	8.218274
15	2	68.3	11	1588.0	-	8.879321
16	1	76.4	17	-	-	10.052166
17	3	76.8	12	1978.0	1185.0	10.614604
18	2	57.4	19	1053.0	-	10.903562
19	2	53.3	20	1809.0	-	11.907209

<b>Table 27 - Long Sequence Waveform Trial#10 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.4	13	-	-	0.984615
2	2	56.0	13	1928.0	-	1.686467
3	2	74.3	16	1452.0	-	2.283763
4	3	75.5	17	1569.0	1156.0	4.135900
5	1	78.7	9	-	-	4.717094
6	1	54.8	7	-	-	6.125407
7	3	80.5	15	1585.0	1947.0	7.156212
8	2	83.5	15	1471.0	-	7.706602
9	1	83.8	12	-	-	8.758404
10	3	68.2	10	1717.0	1818.0	10.422965
11	2	96.8	15	1669.0	-	11.586359

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.8	9	1081.0	-	0.359242
2	2	58.9	19	1602.0	-	1.515248
3	3	95.0	15	1512.0	1957.0	2.444063
4	2	61.2	12	1882.0	-	4.321804
5	2	52.5	9	1589.0	-	4.516407
6	1	85.3	19	-	-	5.750161
7	3	81.5	18	1514.0	1215.0	6.906420
8	1	82.2	17	-	-	8.347263
9	3	68.3	11	1502.0	1531.0	8.980643
10	2	78.8	7	1514.0	-	10.439509
11	2	86.4	6	1716.0	-	11.087034

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.8	14	1478.0	-	0.912468
2	1	79.5	7	-	-	1.132331
3	2	71.9	16	1381.0	-	2.510395
4	2	63.1	10	1947.0	-	3.607570
5	2	93.3	13	1516.0	-	4.829672
6	3	74.7	18	1540.0	1853.0	5.780424
7	1	82.6	7	-	-	6.245780
8	2	97.9	5	1759.0	-	7.366981
9	1	52.9	7	-	-	8.648564
10	2	76.0	14	1056.0	-	9.613078
11	2	87.4	14	1704.0	-	10.356624
12	2	90.1	15	1936.0	-	11.747014

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.1	12	-	-	0.583564
2	3	52.3	16	1425.0	1848.0	1.869225
3	2	67.8	12	1633.0	-	3.049360
4	1	62.7	13	-	-	3.346602
5	1	67.4	10	-	-	4.526736
6	3	56.8	13	1925.0	1548.0	5.835573
7	3	70.8	14	1973.0	1495.0	6.618043
8	3	53.1	15	1575.0	1055.0	8.073695
9	2	71.2	18	1110.0	-	8.756842
10	2	54.9	9	1380.0	-	9.999520
11	2	76.2	15	1899.0	-	10.923588

<b>Table 31 - Long Sequence Waveform Trial#14 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.6	6	1052.0	-	0.285737
2	2	71.3	5	1771.0	-	1.058140
3	1	53.6	18	-	-	1.370798
4	3	86.3	7	1812.0	1248.0	2.400179
5	3	66.8	19	1735.0	1579.0	3.135044
6	2	54.3	18	1653.0	-	3.566540
7	2	93.4	17	1854.0	-	4.340511
8	1	92.8	8	-	-	4.817102
9	2	84.4	17	1653.0	-	5.608846
10	2	90.2	6	1156.0	-	6.436488
11	2	65.3	12	1489.0	-	6.676533
12	2	55.6	18	1018.0	-	7.370382
13	2	73.3	14	1726.0	-	8.134899
14	2	70.7	10	1458.0	-	8.690204
15	2	90.4	19	1334.0	-	9.803057
16	3	59.6	12	1948.0	1572.0	10.463435
17	3	85.4	16	1938.0	1703.0	11.030273
18	2	99.7	6	1546.0	-	11.559020

<b>Table 32 - Long Sequence Waveform Trial#15 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	92.8	15	-	-	0.635989
2	3	79.4	12	1468.0	1186.0	1.657644
3	3	72.6	18	1536.0	1267.0	2.456034
4	2	69.6	17	1221.0	-	3.553522
5	3	96.6	14	1079.0	1505.0	4.979051
6	2	94.4	9	1170.0	-	5.757859
7	1	51.1	18	-	-	6.373056
8	3	73.1	10	1820.0	1769.0	7.000662
9	2	60.9	12	1904.0	-	8.579814
10	1	79.2	15	-	-	9.456002
11	1	55.8	8	-	-	10.194045
12	2	55.1	12	1793.0	-	11.193271

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.1	10	1703.0	-	0.593983
2	3	79.5	16	1635.0	1606.0	1.165892
3	3	59.5	7	1796.0	1555.0	2.718497
4	3	75.4	12	1665.0	1307.0	3.249272
5	3	61.2	18	1631.0	1106.0	4.509020
6	1	59.0	6	-	-	5.068250
7	3	72.5	19	1598.0	1553.0	5.592203
8	3	82.6	6	1071.0	1667.0	6.893536
9	2	63.2	9	1903.0	-	7.734359
10	1	61.7	17	-	-	8.663358
11	3	63.4	13	1254.0	1732.0	9.396207
12	2	53.2	19	1018.0	-	10.724687
13	2	98.8	16	1086.0	-	11.310104

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.7	8	1362.0	-	0.754455
2	3	96.1	9	1892.0	1989.0	1.308452
3	3	90.9	8	1212.0	1894.0	2.596003
4	3	72.2	14	1923.0	1453.0	3.336121
5	3	57.5	8	1559.0	1810.0	4.694890
6	2	57.9	10	1526.0	-	6.455367
7	2	75.0	15	1346.0	-	7.357047
8	3	53.6	17	1185.0	1564.0	7.886650
9	1	63.0	14	-	-	9.567060
10	1	96.2	19	-	-	10.760862
11	3	94.9	14	1765.0	1542.0	11.978094

<b>Table 35 - Long Sequence Waveform Trial#18 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	75.9	18	1400.0	1396.0	0.700070
2	3	52.3	9	1041.0	1948.0	1.368397
3	2	85.4	6	1294.0	-	1.772420
4	2	73.2	13	1945.0	-	2.617833
5	1	81.9	17	-	-	3.072914
6	2	65.5	13	1592.0	-	3.957855
7	2	56.7	7	1422.0	-	4.619098
8	2	89.6	10	1443.0	-	5.476096
9	3	52.0	9	1391.0	1993.0	5.694443
10	2	90.4	10	1485.0	-	6.422398
11	3	84.4	14	1283.0	1258.0	7.577442
12	2	60.9	20	1086.0	-	8.069205
13	1	92.6	8	-	-	8.494976
14	2	84.2	11	1754.0	-	9.819976
15	3	73.7	11	1310.0	1100.0	9.976431
16	3	85.8	18	1655.0	1517.0	10.847320
17	2	92.2	18	1551.0	-	11.956975

<b>Table 36 - Long Sequence Waveform Trial#19 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.0	15	1511.0	-	0.362227
2	2	98.1	14	1628.0	-	0.847229
3	3	97.8	12	1564.0	1851.0	1.566728
4	2	60.8	9	1936.0	-	2.945097
5	2	63.2	14	1477.0	-	3.310776
6	2	72.3	9	1490.0	-	4.179175
7	3	85.1	13	1943.0	1363.0	4.889914
8	2	98.5	9	1881.0	-	5.299998
9	1	82.3	15	-	-	6.077169
10	2	95.1	13	1970.0	-	7.166702
11	2	58.0	8	1787.0	-	8.052426
12	2	82.9	8	1264.0	-	8.465414
13	2	51.4	12	1448.0	-	9.011863
14	3	82.9	18	1711.0	1426.0	9.934535
15	1	93.4	11	-	-	10.581808
16	2	59.3	20	1024.0	-	11.345650

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.2	10	1172.0	-	0.183310
2	3	62.8	16	1481.0	1892.0	1.859407
3	2	87.0	8	1511.0	-	2.743893
4	3	86.2	11	1393.0	1141.0	3.087224
5	1	81.5	16	-	-	4.284374
6	2	57.2	11	1690.0	-	5.203208
7	2	85.1	9	1510.0	-	6.244713
8	3	84.6	16	1868.0	1060.0	7.713956
9	3	95.7	19	1279.0	1744.0	8.458656
10	2	70.6	11	1154.0	-	9.662773
11	2	92.4	11	1522.0	-	10.135543
12	2	85.3	10	1387.0	-	11.896709

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	72.1	7	-	-	0.499793
2	2	94.6	9	1496.0	-	1.129944
3	1	97.1	11	-	-	2.314416
4	2	87.6	16	1264.0	-	2.844821
5	2	61.1	16	1264.0	-	4.055709
6	3	75.8	12	1383.0	1876.0	5.020520
7	1	72.4	6	-	-	5.969599
8	2	60.0	7	1646.0	-	6.130480
9	2	59.1	19	1760.0	-	7.000249
10	2	67.2	8	1379.0	-	7.831503
11	3	68.0	9	1308.0	1399.0	9.323005
12	2	98.2	7	1303.0	-	9.961287
13	1	56.9	19	-	-	10.913365
14	1	64.3	11	-	-	11.792504

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	65.4	18	1064.0	1384.0	0.736343
2	3	70.4	9	1718.0	1209.0	1.511604
3	3	70.4	17	1333.0	1906.0	2.638048
4	1	79.4	14	-	-	2.805226
5	1	96.1	12	-	-	4.551081
6	1	60.7	6	-	-	4.900722
7	1	81.8	9	-	-	6.247608
8	1	66.5	18	-	-	6.486664
9	2	92.2	11	1778.0	-	7.886846
10	2	56.5	7	1166.0	-	8.582900
11	2	83.9	14	1357.0	-	9.702063
12	2	81.6	18	1070.0	-	10.497434
13	2	91.9	14	1908.0	-	11.124505

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.4	18	1774.0	-	0.343196
2	3	97.0	10	1234.0	1213.0	1.011670
3	2	74.0	6	1551.0	-	2.045945
4	3	55.1	16	1457.0	1977.0	2.144461
5	1	87.7	17	-	-	3.192922
6	3	58.8	8	1406.0	1176.0	4.120395
7	2	96.7	11	1289.0	-	4.659065
8	1	71.3	20	-	-	5.409433
9	2	67.7	11	1519.0	-	6.155336
10	3	60.8	12	1701.0	1552.0	7.043632
11	3	71.7	20	1488.0	1206.0	7.272361
12	1	61.9	15	-	-	8.086028
13	2	84.5	19	1978.0	-	8.699006
14	2	72.6	11	1231.0	-	9.879398
15	1	83.1	19	-	-	9.979677
16	2	69.3	9	1629.0	-	11.184725
17	1	73.8	15	-	-	11.355139

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.0	16	1605.0	-	0.181967
2	2	63.4	16	1498.0	-	1.822035
3	2	56.9	6	1303.0	-	2.889171
4	1	76.8	16	-	-	3.763649
5	1	50.1	12	-	-	5.127699
6	2	64.3	14	1194.0	-	6.286266
7	2	73.5	15	1057.0	-	6.609075
8	2	51.2	15	1027.0	-	8.115106
9	2	57.6	7	1196.0	-	9.283526
10	2	95.3	10	1239.0	-	10.397522
11	2	50.2	15	1271.0	-	10.961593

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	57.9	19	1891.0	1795.0	0.761532
2	2	59.7	9	1754.0	-	2.646239
3	1	76.5	7	-	-	2.801650
4	1	66.9	8	-	-	5.232697
5	3	84.5	20	1725.0	1849.0	5.792974
6	3	70.3	19	1450.0	1579.0	7.670020
7	2	67.9	16	1783.0	-	8.442588
8	2	58.2	14	1564.0	-	10.231812
9	2	58.1	16	1443.0	-	11.643807

<b>Table 43 - Long Sequence Waveform Trial#26 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.4	18	1653.0	-	0.246105
2	2	55.4	9	1808.0	-	1.127845
3	3	80.0	5	1592.0	1618.0	1.925211
4	2	58.0	16	1376.0	-	2.555070
5	1	67.8	10	-	-	3.037074
6	2	81.3	7	1472.0	-	3.633682
7	1	64.3	20	-	-	4.611151
8	2	53.0	16	1469.0	-	5.002505
9	2	72.8	14	1581.0	-	5.926305
10	2	82.4	13	1471.0	-	6.905116
11	1	75.0	16	-	-	7.210510
12	1	74.4	13	-	-	8.041035
13	3	87.9	20	1048.0	1789.0	8.547555
14	2	53.8	10	1266.0	-	9.649418
15	2	66.8	16	1919.0	-	9.915946
16	1	63.7	19	-	-	10.931452
17	1	59.0	18	-	-	11.716716

<b>Table 44 - Long Sequence Waveform Trial#27 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.1	13	1319.0	-	0.531534
2	2	77.7	6	1375.0	-	1.037300
3	1	89.2	13	-	-	1.920882
4	2	60.1	8	1202.0	-	2.331694
5	1	85.0	6	-	-	2.984740
6	1	95.3	9	-	-	3.658542
7	2	77.6	7	1711.0	-	4.886039
8	1	82.4	19	-	-	5.449928
9	2	62.3	17	1230.0	-	5.851386
10	1	64.4	14	-	-	6.800295
11	2	95.5	7	1212.0	-	7.575283
12	2	84.5	9	1911.0	-	8.009512
13	2	71.7	13	1218.0	-	8.557913
14	1	91.7	20	-	-	9.702924
15	2	96.8	16	1392.0	-	10.524096
16	2	91.3	16	1739.0	-	10.917568
17	1	84.9	9	-	-	11.588289



<b>Table 45 - Long Sequence Waveform Trial#28 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	52.8	12	-	-	0.080573
2	2	84.4	17	1825.0	-	1.159071
3	3	80.6	19	1530.0	1292.0	1.600685
4	3	50.6	15	1926.0	1955.0	2.729265
5	3	59.6	11	1442.0	1419.0	3.412866
6	2	68.6	14	1867.0	-	4.183044
7	2	54.2	10	1816.0	-	4.334389
8	2	62.2	16	1802.0	-	5.435981
9	3	69.1	19	1137.0	1118.0	6.249976
10	2	73.3	8	1102.0	-	6.679070
11	2	74.8	13	1551.0	-	7.273830
12	2	84.4	9	1800.0	-	8.324015
13	2	89.2	11	1492.0	-	8.894052
14	2	78.4	7	1328.0	-	9.220633
15	3	55.4	8	1141.0	1712.0	10.553085
16	2	64.9	7	1714.0	-	10.872537
17	3	54.1	11	1711.0	1716.0	11.351812

<b>Table 46 - Long Sequence Waveform Trial#29 (Detected) 80MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.1	7	1973.0	-	0.507444
2	2	57.8	6	1891.0	-	0.949470
3	2	74.1	15	1493.0	-	1.849697
4	2	85.5	18	1559.0	-	3.120509
5	1	64.9	17	-	-	3.747795
6	2	93.2	9	1772.0	-	5.070231
7	1	73.7	10	-	-	5.589717
8	1	64.5	17	-	-	6.246465
9	1	87.3	8	-	-	7.328976
10	1	61.4	18	-	-	8.216831
11	3	74.6	13	1288.0	1328.0	8.821099
12	2	98.0	9	1577.0	-	9.761001
13	3	58.0	10	1618.0	1198.0	10.996595
14	2	60.6	19	1134.0	-	11.824074

Table 47 - Long Sequence Waveform Trial#30 (Detected) 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	67.8	13	-	-	0.342420
2	1	90.7	13	-	-	1.003803
3	2	59.2	5	1142.0	-	1.677513
4	1	64.2	10	-	-	2.510925
5	3	65.8	14	1704.0	1703.0	3.302750
6	2	75.3	7	1166.0	-	4.371603
7	2	99.1	19	1077.0	-	4.524766
8	1	87.1	6	-	-	5.373312
9	2	51.1	12	1315.0	-	6.543772
10	3	61.7	14	1361.0	1253.0	7.218261
11	2	77.9	15	1694.0	-	7.790120
12	2	58.2	11	1983.0	-	8.726802
13	3	63.4	15	1711.0	1874.0	9.507767
14	1	59.3	15	-	-	10.256556
15	2	60.5	7	1382.0	-	10.623610
16	2	99.3	14	1391.0	-	11.505868

Table 48 - Summary of All Results 20MHz				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	93.3 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	86.7 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	94.2 %	80.0 %	120	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	38	PASSED

Table 49 - FCC Short Pulse Radar (Type 1A) Results 20MHz						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	3066.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	95	1.0	558.0	Yes	5507.0MHz, -64.0dBm	Single burst
3	57	1.0	938.0	Yes	5509.0MHz, -64.0dBm	Single burst
4	70	1.0	758.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	67	1.0	798.0	Yes	5491.0MHz, -64.0dBm	Single burst
6	78	1.0	678.0	Yes	5494.0MHz, -64.0dBm	Single burst
7	81	1.0	658.0	Yes	5501.0MHz, -64.0dBm	Single burst
8	63	1.0	838.0	Yes	5509.0MHz, -64.0dBm	Single burst
9	72	1.0	738.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	89	1.0	598.0	Yes	5492.0MHz, -64.0dBm	Single burst
11	74	1.0	718.0	No	5499.0MHz, -64.0dBm	Single burst
12	68	1.0	778.0	Yes	5499.0MHz, -64.0dBm	Single burst
13	58	1.0	918.0	Yes	5508.0MHz, -64.0dBm	Single burst
14	76	1.0	698.0	Yes	5509.0MHz, -64.0dBm	Single burst
15	86	1.0	618.0	Yes	5491.0MHz, -64.0dBm	Single burst

Table 50 - FCC Short Pulse Radar (Type 1B) Results 20MHz						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	3007.0	No	5500.0MHz, -64.0dBm	Single burst
2	58	1.0	915.0	Yes	5500.0MHz, -64.0dBm	Single burst
3	20	1.0	2752.0	Yes	5507.0MHz, -64.0dBm	Single burst
4	56	1.0	944.0	Yes	5509.0MHz, -64.0dBm	Single burst
5	20	1.0	2698.0	Yes	5491.0MHz, -64.0dBm	Single burst
6	48	1.0	1120.0	No	5493.0MHz, -64.0dBm	Single burst
7	29	1.0	1883.0	Yes	5493.0MHz, -64.0dBm	Single burst
8	24	1.0	2287.0	Yes	5500.0MHz, -64.0dBm	Single burst
9	31	1.0	1743.0	Yes	5507.0MHz, -64.0dBm	Single burst
10	71	1.0	746.0	Yes	5509.0MHz, -64.0dBm	Single burst
11	28	1.0	1904.0	Yes	5491.0MHz, -64.0dBm	Single burst
12	26	1.0	2070.0	Yes	5492.0MHz, -64.0dBm	Single burst
13	20	1.0	2759.0	Yes	5498.0MHz, -64.0dBm	Single burst
14	28	1.0	1924.0	Yes	5503.0MHz, -64.0dBm	Single burst
15	33	1.0	1629.0	Yes	5509.0MHz, -64.0dBm	Single burst

Table 51 - FCC Short Pulse Radar (Type 2) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	27	3.8	227.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	29	3.2	216.0	Yes	5507.0MHz, -64.0dBm	Single burst
3	26	2.5	164.0	Yes	5509.0MHz, -64.0dBm	Single burst
4	27	3.1	209.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	27	3.0	167.0	Yes	5493.0MHz, -64.0dBm	Single burst
6	26	1.0	223.0	Yes	5502.0MHz, -64.0dBm	Single burst
7	28	4.2	162.0	Yes	5509.0MHz, -64.0dBm	Single burst
8	28	4.3	165.0	Yes	5491.0MHz, -64.0dBm	Single burst
9	25	1.7	195.0	Yes	5494.0MHz, -64.0dBm	Single burst
10	24	1.3	211.0	Yes	5502.0MHz, -64.0dBm	Single burst
11	28	3.3	156.0	Yes	5509.0MHz, -64.0dBm	Single burst
12	27	3.0	175.0	Yes	5491.0MHz, -64.0dBm	Single burst
13	27	1.1	199.0	Yes	5491.0MHz, -64.0dBm	Single burst
14	24	2.6	229.0	Yes	5493.0MHz, -64.0dBm	Single burst
15	29	3.1	166.0	Yes	5501.0MHz, -64.0dBm	Single burst
16	27	1.8	168.0	Yes	5507.0MHz, -64.0dBm	Single burst
17	26	4.0	208.0	Yes	5509.0MHz, -64.0dBm	Single burst
18	27	1.2	163.0	Yes	5491.0MHz, -64.0dBm	Single burst
19	28	2.3	176.0	Yes	5495.0MHz, -64.0dBm	Single burst
20	26	1.1	159.0	Yes	5501.0MHz, -64.0dBm	Single burst
21	23	3.3	229.0	Yes	5509.0MHz, -64.0dBm	Single burst
22	25	1.2	177.0	No	5491.0MHz, -64.0dBm	Single burst
23	26	1.5	160.0	Yes	5491.0MHz, -64.0dBm	Single burst
24	28	3.7	168.0	Yes	5493.0MHz, -64.0dBm	Single burst
25	23	2.4	206.0	Yes	5503.0MHz, -64.0dBm	Single burst
26	25	3.5	191.0	Yes	5508.0MHz, -64.0dBm	Single burst
27	26	2.9	190.0	Yes	5509.0MHz, -64.0dBm	Single burst
28	28	2.0	215.0	Yes	5491.0MHz, -64.0dBm	Single burst
29	27	4.2	189.0	Yes	5493.0MHz, -64.0dBm	Single burst
30	24	1.8	227.0	Yes	5503.0MHz, -64.0dBm	Single burst

Table 52 - FCC Short Pulse Radar (Type 3) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	7.0	463.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	17	6.9	385.0	Yes	5505.0MHz, -64.0dBm	Single burst
3	16	9.8	306.0	Yes	5509.0MHz, -64.0dBm	Single burst
4	18	6.8	329.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	17	8.0	278.0	Yes	5491.0MHz, -64.0dBm	Single burst
6	17	7.8	404.0	Yes	5495.0MHz, -64.0dBm	Single burst
7	17	9.1	462.0	Yes	5501.0MHz, -64.0dBm	Single burst
8	16	8.8	421.0	Yes	5506.0MHz, -64.0dBm	Single burst
9	17	7.3	485.0	No	5509.0MHz, -64.0dBm	Single burst
10	17	8.8	435.0	Yes	5509.0MHz, -64.0dBm	Single burst
11	16	9.3	437.0	Yes	5491.0MHz, -64.0dBm	Single burst
12	17	7.5	490.0	Yes	5493.0MHz, -64.0dBm	Single burst
13	17	7.4	307.0	Yes	5501.0MHz, -64.0dBm	Single burst
14	17	8.9	361.0	Yes	5509.0MHz, -64.0dBm	Single burst
15	18	8.4	216.0	Yes	5491.0MHz, -64.0dBm	Single burst
16	17	9.1	410.0	Yes	5494.0MHz, -64.0dBm	Single burst
17	18	8.6	464.0	Yes	5501.0MHz, -64.0dBm	Single burst
18	18	8.0	319.0	Yes	5509.0MHz, -64.0dBm	Single burst
19	17	7.9	301.0	Yes	5491.0MHz, -64.0dBm	Single burst
20	18	7.2	397.0	Yes	5493.0MHz, -64.0dBm	Single burst
21	18	7.5	448.0	Yes	5501.0MHz, -64.0dBm	Single burst
22	16	6.5	308.0	Yes	5509.0MHz, -64.0dBm	Single burst
23	16	6.7	210.0	Yes	5491.0MHz, -64.0dBm	Single burst
24	16	6.8	303.0	Yes	5491.0MHz, -64.0dBm	Single burst
25	17	7.2	493.0	Yes	5491.0MHz, -64.0dBm	Single burst
26	16	10.0	497.0	Yes	5492.0MHz, -64.0dBm	Single burst
27	18	6.6	488.0	Yes	5498.0MHz, -64.0dBm	Single burst
28	17	9.5	332.0	Yes	5506.0MHz, -64.0dBm	Single burst
29	18	9.1	279.0	Yes	5509.0MHz, -64.0dBm	Single burst
30	16	8.7	240.0	No	5491.0MHz, -64.0dBm	Single burst

Table 53 - FCC Short Pulse Radar (Type 4) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	19.6	429.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	14	18.2	496.0	Yes	5508.0MHz, -64.0dBm	Single burst
3	16	17.3	419.0	Yes	5509.0MHz, -64.0dBm	Single burst
4	12	17.3	428.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	13	14.8	500.0	Yes	5492.0MHz, -64.0dBm	Single burst
6	14	16.0	212.0	Yes	5500.0MHz, -64.0dBm	Single burst
7	15	11.3	436.0	Yes	5509.0MHz, -64.0dBm	Single burst
8	13	17.7	425.0	Yes	5491.0MHz, -64.0dBm	Single burst
9	13	13.0	426.0	Yes	5494.0MHz, -64.0dBm	Single burst
10	12	15.3	475.0	Yes	5501.0MHz, -64.0dBm	Single burst
11	16	16.4	306.0	Yes	5508.0MHz, -64.0dBm	Single burst
12	16	15.2	467.0	Yes	5509.0MHz, -64.0dBm	Single burst
13	13	15.3	492.0	Yes	5491.0MHz, -64.0dBm	Single burst
14	15	13.3	382.0	Yes	5491.0MHz, -64.0dBm	Single burst
15	16	14.9	498.0	Yes	5491.0MHz, -64.0dBm	Single burst
16	15	19.1	437.0	Yes	5493.0MHz, -64.0dBm	Single burst
17	13	11.5	424.0	Yes	5502.0MHz, -64.0dBm	Single burst
18	13	11.7	380.0	Yes	5509.0MHz, -64.0dBm	Single burst
19	16	17.9	463.0	No	5491.0MHz, -64.0dBm	Single burst
20	13	11.6	285.0	Yes	5491.0MHz, -64.0dBm	Single burst
21	15	15.2	276.0	Yes	5491.0MHz, -64.0dBm	Single burst
22	14	17.8	225.0	Yes	5494.0MHz, -64.0dBm	Single burst
23	15	16.7	236.0	Yes	5503.0MHz, -64.0dBm	Single burst
24	14	15.3	331.0	Yes	5509.0MHz, -64.0dBm	Single burst
25	15	18.4	387.0	Yes	5491.0MHz, -64.0dBm	Single burst
26	13	19.5	276.0	Yes	5493.0MHz, -64.0dBm	Single burst
27	12	12.9	447.0	Yes	5502.0MHz, -64.0dBm	Single burst
28	13	12.6	418.0	Yes	5509.0MHz, -64.0dBm	Single burst
29	13	11.2	265.0	Yes	5491.0MHz, -64.0dBm	Single burst
30	13	12.6	401.0	Yes	5493.0MHz, -64.0dBm	Single burst

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5516, 5382, 5682, 5447, 5389, 5517, 5602, 5495, 5376, 5465, 5643, 5471, 5534, 5452, 5478, 5321, 5407, 5715, 5261, 5676, 5252, 5265, 5519, 5438, 5342, 5257, 5661, 5603, 5535, 5638, 5666, 5307, 5609, 5570, 5405, 5653, 5326, 5304, 5539, 5510, 5563, 5366, 5373, 5451, 5253, 5671, 5628, 5616, 5294, 5400, 5259, 5362, 5472, 5627, 5704, 5395, 5532, 5522, 5334, 5716, 5308, 5383, 5644, 5461, 5690, 5285, 5564, 5422, 5613, 5607, 5702, 5426, 5393, 5369, 5592, 5615, 5499, 5724, 5726, 5654, 5391, 5554, 5318, 5432, 5482, 5689, 5591, 5505, 5610, 5350, 5356, 5418, 5481, 5625, 5597, 5711, 5412, 5699, 5647, 5379 (3 hits)
2	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5516, 5630, 5678, 5546, 5282, 5453, 5626, 5358, 5721, 5393, 5314, 5629, 5481, 5522, 5563, 5476, 5305, 5589, 5527, 5407, 5315, 5348, 5353, 5724, 5309, 5619, 5434, 5627, 5438, 5538, 5574, 5713, 5544, 5648, 5396, 5528, 5643, 5456, 5624, 5490, 5413, 5550, 5682, 5585, 5336, 5289, 5445, 5534, 5449, 5602, 5420, 5385, 5399, 5293, 5464, 5303, 5723, 5283, 5698, 5327, 5503, 5539, 5288, 5325, 5691, 5252, 5677, 5462, 5383, 5251, 5672, 5662, 5505, 5461, 5392, 5442, 5312, 5386, 5681, 5270, 5409, 5607, 5458, 5381, 5496, 5616, 5395, 5379, 5427, 5618, 5467, 5679, 5272, 5491, 5350, 5634, 5605, 5417, 5579, 5479 (4 hits)
3	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5315, 5451, 5331, 5639, 5360, 5682, 5328, 5387, 5377, 5413, 5672, 5693, 5723, 5469, 5708, 5685, 5308, 5524, 5503, 5454, 5280, 5502, 5666, 5509, 5364, 5442, 5487, 5259, 5683, 5301, 5720, 5498, 5349, 5704, 5370, 5404, 5554, 5294, 5495, 5620, 5475, 5461, 5516, 5537, 5435, 5271, 5646, 5634, 5561, 5376, 5338, 5295, 5564, 5362, 5535, 5717, 5306, 5425, 5462, 5592, 5251, 5538, 5261, 5457, 5673, 5572, 5373, 5340, 5300, 5713, 5701, 5379, 5567, 5698, 5703, 5481, 5563, 5321, 5593, 5585, 5569, 5694, 5471, 5490, 5406, 5627, 5518, 5500, 5679, 5598, 5484, 5310, 5443, 5515, 5488, 5265, 5586, 5445, 5438, 5476 (6 hits)
4	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5708, 5652, 5562, 5346, 5287, 5312, 5572, 5330, 5688, 5638, 5322, 5361, 5489, 5687, 5263, 5700, 5595, 5616, 5398, 5276, 5251, 5613, 5417, 5387, 5574, 5367, 5430,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5529, 5388, 5596, 5584, 5262, 5653, 5654, 5274, 5661, 5270, 5403, 5520, 5459, 5581, 5515, 5258, 5707, 5329, 5376, 5711, 5603, 5540, 5589, 5645, 5368, 5436, 5458, 5390, 5344, 5334, 5485, 5299, 5637, 5517, 5336, 5252, 5566, 5356, 5375, 5674, 5269, 5514, 5426, 5560, 5295, 5441, 5716, 5377, 5343, 5673, 5568, 5495, 5624, 5431, 5634, 5353, 5519, 5578, 5720, 5569, 5466, 5608, 5541, 5621, 5691, 5530, 5416, 5306, 5301, 5599, 5591, 5339, 5332 (1 hits) (08/28/2015 08:36:27 PM)
5	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5449, 5439, 5395, 5434, 5595, 5392, 5556, 5547, 5642, 5545, 5363, 5309, 5588, 5644, 5298, 5305, 5475, 5341, 5267, 5724, 5524, 5637, 5329, 5700, 5565, 5517, 5422, 5302, 5698, 5664, 5725, 5383, 5386, 5494, 5697, 5421, 5354, 5271, 5500, 5300, 5451, 5444, 5332, 5673, 5575, 5542, 5335, 5328, 5659, 5406, 5289, 5266, 5490, 5662, 5579, 5639, 5345, 5640, 5629, 5609, 5701, 5410, 5689, 5317, 5330, 5368, 5499, 5604, 5485, 5655, 5294, 5293, 5677, 5683, 5573, 5286, 5581, 5460, 5261, 5277, 5471, 5554, 5714, 5251, 5585, 5583, 5667, 5288, 5548, 5424, 5402, 5668, 5615, 5719, 5270, 5530, 5280, 5495, 5679, 5285 (4 hits)
6	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5588, 5412, 5589, 5556, 5511, 5713, 5425, 5252, 5689, 5388, 5541, 5304, 5444, 5370, 5409, 5442, 5401, 5578, 5374, 5254, 5351, 5528, 5314, 5590, 5607, 5360, 5710, 5402, 5475, 5331, 5525, 5682, 5323, 5320, 5656, 5361, 5443, 5419, 5459, 5371, 5275, 5438, 5274, 5616, 5286, 5717, 5693, 5498, 5267, 5297, 5253, 5585, 5714, 5391, 5400, 5592, 5536, 5362, 5264, 5625, 5575, 5716, 5435, 5403, 5430, 5420, 5353, 5597, 5574, 5653, 5680, 5683, 5464, 5393, 5562, 5605, 5699, 5502, 5290, 5725, 5655, 5505, 5686, 5706, 5450, 5422, 5594, 5311, 5549, 5392, 5711, 5508, 5451, 5671, 5466, 5560, 5348, 5312, 5668, 5688 (4 hits)
7	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5287, 5655, 5485, 5297, 5487, 5356, 5605, 5589, 5635, 5441, 5560, 5400, 5254, 5384, 5689, 5457, 5723, 5701, 5666, 5374, 5450, 5352, 5473, 5377, 5382, 5270, 5355, 5308, 5498, 5590, 5303, 5399, 5640, 5472, 5664, 5623, 5685, 5680, 5699, 5700, 5661, 5412, 5390, 5514, 5639, 5456, 5462, 5588, 5511, 5632, 5574, 5296, 5519, 5496, 5376, 5721, 5302, 5675, 5435, 5396, 5359, 5522, 5710,



Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5438, 5573, 5709, 5526, 5598, 5668, 5631, 5570, 5393, 5624, 5563, 5711, 5576, 5694, 5255, 5388, 5582, 5284, 5652, 5461, 5368, 5536, 5504, 5317, 5494, 5667, 5322, 5294, 5613, 5679, 5306, 5672, 5544, 5391, 5434, 5656, 5389 (4 hits)
8	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5678, 5301, 5456, 5445, 5358, 5662, 5257, 5265, 5511, 5563, 5605, 5616, 5536, 5632, 5374, 5254, 5724, 5537, 5409, 5394, 5426, 5279, 5516, 5659, 5626, 5337, 5643, 5486, 5447, 5359, 5604, 5360, 5658, 5551, 5699, 5500, 5590, 5669, 5488, 5688, 5599, 5321, 5568, 5558, 5490, 5675, 5600, 5485, 5650, 5309, 5617, 5272, 5353, 5507, 5709, 5378, 5355, 5542, 5514, 5598, 5268, 5620, 5403, 5444, 5705, 5639, 5581, 5569, 5476, 5677, 5308, 5518, 5525, 5505, 5696, 5630, 5372, 5608, 5310, 5656, 5392, 5553, 5638, 5719, 5418, 5575, 5562, 5298, 5666, 5660, 5304, 5425, 5612, 5339, 5312, 5439, 5547, 5673, 5316, 5629 (3 hits)
9	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5442, 5648, 5376, 5594, 5287, 5289, 5649, 5720, 5262, 5297, 5397, 5457, 5496, 5511, 5584, 5708, 5324, 5321, 5304, 5410, 5610, 5533, 5608, 5452, 5549, 5562, 5259, 5394, 5332, 5683, 5681, 5299, 5482, 5583, 5598, 5514, 5501, 5592, 5254, 5515, 5382, 5523, 5490, 5257, 5263, 5372, 5522, 5416, 5574, 5467, 5516, 5284, 5413, 5282, 5586, 5322, 5437, 5537, 5611, 5675, 5497, 5340, 5689, 5373, 5659, 5393, 5421, 5271, 5455, 5438, 5530, 5655, 5328, 5596, 5439, 5470, 5545, 5614, 5312, 5703, 5617, 5621, 5366, 5555, 5575, 5436, 5408, 5568, 5268, 5520, 5686, 5716, 5396, 5593, 5320, 5656, 5429, 5536, 5274, 5646 (3 hits)
10	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5377, 5639, 5434, 5673, 5287, 5653, 5524, 5638, 5724, 5371, 5476, 5426, 5379, 5521, 5537, 5641, 5396, 5478, 5281, 5438, 5459, 5591, 5613, 5717, 5361, 5579, 5411, 5622, 5652, 5531, 5515, 5420, 5585, 5720, 5293, 5463, 5257, 5586, 5564, 5347, 5315, 5389, 5672, 5610, 5553, 5471, 5703, 5697, 5337, 5649, 5417, 5265, 5268, 5369, 5446, 5424, 5412, 5386, 5574, 5716, 5559, 5651, 5535, 5685, 5452, 5580, 5696, 5554, 5693, 5461, 5698, 5309, 5329, 5356, 5682, 5364, 5490, 5618, 5501, 5675, 5395, 5643, 5300, 5542, 5530, 5358, 5479, 5280, 5565, 5503, 5450, 5648, 5665, 5351, 5399, 5702, 5576, 5692, 5539, 5527 (2 hits)

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
11	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5299, 5461, 5574, 5334, 5641, 5450, 5452, 5549, 5553, 5677, 5525, 5396, 5716, 5692, 5571, 5271, 5535, 5601, 5674, 5301, 5251, 5336, 5481, 5426, 5591, 5360, 5384, 5392, 5357, 5413, 5526, 5287, 5374, 5368, 5354, 5652, 5266, 5378, 5573, 5672, 5663, 5430, 5353, 5522, 5297, 5564, 5624, 5534, 5361, 5356, 5402, 5685, 5359, 5690, 5490, 5409, 5669, 5279, 5572, 5544, 5638, 5507, 5509, 5554, 5540, 5648, 5434, 5594, 5330, 5642, 5256, 5676, 5397, 5443, 5504, 5668, 5484, 5542, 5289, 5412, 5557, 5339, 5501, 5305, 5458, 5273, 5695, 5493, 5686, 5605, 5528, 5620, 5364, 5335, 5512, 5437, 5466, 5399, 5628, 5520 (5 hits)
12	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5441, 5537, 5416, 5276, 5269, 5526, 5527, 5453, 5305, 5334, 5570, 5702, 5427, 5667, 5557, 5474, 5456, 5712, 5481, 5407, 5404, 5657, 5283, 5320, 5665, 5378, 5400, 5288, 5475, 5541, 5415, 5350, 5723, 5311, 5336, 5377, 5531, 5535, 5683, 5389, 5393, 5634, 5257, 5691, 5444, 5604, 5346, 5290, 5466, 5459, 5564, 5670, 5467, 5398, 5340, 5492, 5627, 5403, 5547, 5651, 5705, 5558, 5509, 5363, 5602, 5609, 5538, 5606, 5586, 5421, 5608, 5681, 5692, 5563, 5293, 5319, 5457, 5327, 5530, 5716, 5281, 5545, 5401, 5429, 5263, 5650, 5551, 5354, 5543, 5629, 5654, 5330, 5522, 5431, 5478, 5632, 5642, 5310, 5703, 5357 (2 hits)
13	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5556, 5707, 5688, 5380, 5354, 5671, 5593, 5308, 5634, 5478, 5602, 5512, 5379, 5359, 5626, 5356, 5410, 5518, 5516, 5645, 5615, 5413, 5477, 5257, 5699, 5353, 5458, 5486, 5306, 5475, 5300, 5370, 5274, 5395, 5574, 5531, 5418, 5399, 5532, 5526, 5664, 5276, 5302, 5423, 5314, 5614, 5555, 5372, 5493, 5386, 5426, 5529, 5365, 5594, 5640, 5670, 5610, 5510, 5326, 5457, 5697, 5467, 5700, 5279, 5686, 5348, 5583, 5652, 5471, 5549, 5490, 5500, 5292, 5638, 5270, 5259, 5701, 5323, 5329, 5609, 5320, 5483, 5606, 5266, 5461, 5484, 5488, 5683, 5429, 5715, 5636, 5585, 5571, 5693, 5567, 5367, 5607, 5586, 5659, 5459 (2 hits)
14	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5583, 5355, 5715, 5458, 5610, 5272, 5362, 5709, 5680, 5558, 5537, 5718, 5417, 5333, 5335, 5381, 5669, 5586, 5542, 5447, 5719, 5398, 5353, 5305, 5424, 5588, 5493, 5315, 5552, 5612, 5606, 5446, 5553, 5254, 5723, 5572, 5395, 5483, 5324,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5641, 5591, 5351, 5629, 5534, 5464, 5374, 5703, 5675, 5400, 5630, 5694, 5503, 5605, 5348, 5681, 5649, 5422, 5721, 5658, 5652, 5352, 5267, 5626, 5299, 5589, 5473, 5280, 5485, 5507, 5332, 5284, 5532, 5713, 5320, 5411, 5561, 5599, 5624, 5286, 5579, 5662, 5314, 5270, 5431, 5310, 5540, 5316, 5664, 5390, 5607, 5428, 5297, 5706, 5499, 5635, 5253, 5363, 5487, 5695, 5600 (4 hits)
15	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5647, 5477, 5492, 5538, 5718, 5586, 5469, 5558, 5449, 5502, 5272, 5699, 5328, 5587, 5627, 5537, 5715, 5638, 5454, 5563, 5695, 5483, 5632, 5367, 5376, 5530, 5704, 5518, 5665, 5428, 5467, 5439, 5443, 5577, 5422, 5584, 5260, 5410, 5254, 5515, 5637, 5639, 5716, 5599, 5601, 5482, 5404, 5399, 5258, 5405, 5345, 5413, 5289, 5325, 5312, 5686, 5499, 5380, 5457, 5573, 5398, 5617, 5484, 5416, 5649, 5497, 5386, 5491, 5441, 5373, 5608, 5431, 5347, 5611, 5375, 5357, 5389, 5315, 5494, 5557, 5291, 5430, 5666, 5630, 5364, 5408, 5340, 5472, 5310, 5322, 5668, 5281, 5714, 5510, 5694, 5474, 5652, 5614, 5252, 5612 (6 hits)
16	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5400, 5698, 5608, 5482, 5372, 5472, 5292, 5658, 5559, 5643, 5637, 5477, 5578, 5254, 5432, 5406, 5566, 5541, 5282, 5712, 5291, 5256, 5610, 5426, 5682, 5270, 5683, 5691, 5592, 5250, 5695, 5355, 5408, 5722, 5325, 5644, 5324, 5540, 5438, 5435, 5679, 5529, 5301, 5692, 5561, 5423, 5344, 5454, 5627, 5440, 5326, 5262, 5410, 5346, 5654, 5371, 5332, 5374, 5713, 5305, 5392, 5387, 5558, 5456, 5295, 5389, 5704, 5449, 5385, 5520, 5532, 5487, 5662, 5725, 5599, 5375, 5528, 5710, 5612, 5290, 5479, 5600, 5338, 5673, 5395, 5337, 5497, 5499, 5703, 5663, 5437, 5280, 5347, 5597, 5625, 5269, 5678, 5537, 5672, 5257 (2 hits)
17	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5349, 5377, 5280, 5425, 5322, 5291, 5649, 5588, 5355, 5693, 5629, 5427, 5424, 5311, 5667, 5348, 5339, 5406, 5396, 5541, 5696, 5705, 5443, 5578, 5492, 5665, 5310, 5595, 5545, 5324, 5308, 5298, 5618, 5700, 5252, 5583, 5423, 5576, 5706, 5281, 5369, 5303, 5703, 5297, 5570, 5567, 5651, 5586, 5487, 5459, 5409, 5625, 5490, 5481, 5402, 5719, 5341, 5329, 5253, 5613, 5416, 5540, 5331, 5580, 5445, 5659, 5592, 5689, 5518, 5460, 5336, 5577, 5582, 5414, 5295, 5267, 5376, 5480, 5550, 5404, 5591,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5293, 5342, 5676, 5483, 5502, 5428, 5564, 5688, 5673, 5631, 5666, 5493, 5307, 5551, 5662, 5315, 5491, 5664, 5690 (4 hits)
18	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5604, 5605, 5485, 5705, 5640, 5447, 5369, 5413, 5570, 5368, 5311, 5489, 5361, 5680, 5718, 5715, 5451, 5519, 5395, 5533, 5409, 5269, 5696, 5476, 5554, 5318, 5353, 5589, 5683, 5465, 5296, 5517, 5463, 5656, 5486, 5403, 5561, 5681, 5612, 5334, 5709, 5295, 5578, 5595, 5366, 5362, 5448, 5389, 5307, 5499, 5407, 5301, 5603, 5480, 5515, 5351, 5569, 5616, 5471, 5375, 5453, 5265, 5562, 5575, 5263, 5256, 5358, 5459, 5546, 5504, 5415, 5317, 5675, 5637, 5713, 5631, 5412, 5555, 5525, 5722, 5564, 5349, 5487, 5423, 5498, 5333, 5272, 5484, 5472, 5725, 5443, 5385, 5674, 5638, 5695, 5520, 5700, 5706, 5416, 5712 (3 hits)
19	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5455, 5393, 5668, 5322, 5359, 5468, 5501, 5317, 5441, 5676, 5579, 5270, 5326, 5555, 5440, 5566, 5292, 5466, 5705, 5639, 5421, 5276, 5495, 5594, 5593, 5663, 5512, 5330, 5576, 5488, 5390, 5344, 5454, 5460, 5349, 5412, 5695, 5720, 5662, 5369, 5613, 5541, 5329, 5257, 5528, 5586, 5445, 5502, 5279, 5514, 5701, 5702, 5643, 5598, 5640, 5516, 5712, 5340, 5272, 5367, 5524, 5684, 5719, 5508, 5380, 5666, 5297, 5268, 5491, 5577, 5469, 5370, 5425, 5463, 5584, 5573, 5540, 5565, 5519, 5426, 5680, 5693, 5563, 5592, 5522, 5335, 5358, 5403, 5388, 5699, 5655, 5650, 5401, 5636, 5534, 5364, 5302, 5254, 5505, 5571 (6 hits)
20	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5348, 5720, 5582, 5250, 5415, 5288, 5542, 5429, 5502, 5701, 5279, 5370, 5537, 5640, 5454, 5532, 5351, 5494, 5635, 5588, 5261, 5679, 5411, 5478, 5359, 5251, 5558, 5634, 5671, 5346, 5482, 5612, 5705, 5691, 5546, 5472, 5405, 5382, 5434, 5696, 5578, 5566, 5712, 5335, 5267, 5639, 5703, 5367, 5416, 5278, 5258, 5592, 5714, 5647, 5576, 5512, 5606, 5608, 5401, 5479, 5581, 5425, 5560, 5522, 5595, 5492, 5384, 5440, 5548, 5623, 5311, 5554, 5457, 5363, 5611, 5533, 5408, 5257, 5645, 5605, 5680, 5694, 5568, 5468, 5430, 5617, 5547, 5687, 5529, 5428, 5371, 5435, 5571, 5668, 5446, 5556, 5538, 5707, 5459, 5327 (3 hits)
21	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5464, 5346, 5550, 5283, 5309, 5393, 5365, 5646, 5469, 5399, 5432, 5486, 5541, 5253, 5302,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5286, 5336, 5655, 5592, 5282, 5382, 5408, 5428, 5466, 5577, 5562, 5664, 5560, 5650, 5371, 5521, 5614, 5372, 5636, 5574, 5510, 5609, 5701, 5467, 5528, 5285, 5557, 5323, 5410, 5311, 5355, 5690, 5448, 5254, 5707, 5563, 5459, 5669, 5277, 5433, 5482, 5580, 5307, 5441, 5724, 5380, 5627, 5558, 5438, 5725, 5495, 5492, 5594, 5596, 5660, 5714, 5384, 5515, 5264, 5396, 5628, 5421, 5568, 5477, 5496, 5483, 5708, 5638, 5389, 5343, 5419, 5595, 5613, 5445, 5354, 5508, 5392, 5718, 5629, 5434, 5420, 5333, 5625, 5458, 5552 (4 hits)
22	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5687, 5408, 5573, 5581, 5646, 5645, 5267, 5283, 5392, 5381, 5688, 5558, 5327, 5585, 5325, 5519, 5401, 5250, 5670, 5570, 5621, 5696, 5260, 5724, 5641, 5261, 5518, 5673, 5415, 5494, 5555, 5716, 5400, 5354, 5311, 5711, 5693, 5436, 5632, 5608, 5644, 5330, 5398, 5625, 5461, 5654, 5542, 5443, 5689, 5287, 5403, 5437, 5259, 5589, 5513, 5624, 5315, 5334, 5490, 5487, 5671, 5481, 5516, 5264, 5498, 5556, 5360, 5713, 5348, 5610, 5347, 5631, 5441, 5429, 5407, 5587, 5571, 5562, 5393, 5710, 5300, 5432, 5504, 5697, 5509, 5659, 5281, 5552, 5650, 5549, 5328, 5658, 5534, 5647, 5520, 5603, 5605, 5649, 5484, 5374 (4 hits)
23	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5655, 5519, 5608, 5312, 5705, 5725, 5265, 5564, 5264, 5257, 5453, 5518, 5346, 5682, 5259, 5354, 5377, 5621, 5657, 5428, 5340, 5590, 5295, 5652, 5547, 5405, 5543, 5473, 5674, 5490, 5712, 5375, 5667, 5278, 5690, 5357, 5640, 5285, 5439, 5410, 5315, 5291, 5472, 5524, 5504, 5574, 5628, 5347, 5398, 5545, 5437, 5677, 5356, 5414, 5627, 5576, 5542, 5650, 5529, 5720, 5592, 5459, 5339, 5329, 5579, 5418, 5536, 5585, 5687, 5380, 5698, 5360, 5419, 5573, 5294, 5486, 5551, 5365, 5697, 5330, 5316, 5600, 5363, 5636, 5311, 5276, 5589, 5373, 5678, 5462, 5319, 5387, 5455, 5581, 5260, 5450, 5622, 5624, 5420, 5464 (1 hits)
24	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5600, 5676, 5518, 5590, 5361, 5631, 5271, 5301, 5332, 5310, 5628, 5484, 5367, 5709, 5490, 5530, 5633, 5458, 5278, 5273, 5645, 5591, 5440, 5663, 5608, 5340, 5575, 5622, 5698, 5719, 5674, 5545, 5302, 5467, 5448, 5466, 5691, 5616, 5623, 5721, 5597, 5323, 5338, 5283, 5439, 5684, 5508, 5559, 5418, 5358, 5536, 5290, 5638, 5512, 5489, 5685, 5642,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5527, 5517, 5453, 5532, 5689, 5650, 5470, 5594, 5576, 5430, 5615, 5506, 5348, 5344, 5592, 5704, 5529, 5410, 5450, 5347, 5680, 5298, 5681, 5373, 5472, 5441, 5696, 5534, 5639, 5569, 5425, 5280, 5724, 5251, 5375, 5654, 5372, 5618, 5598, 5462, 5261, 5570, 5308 (2 hits)
25	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5711, 5619, 5283, 5606, 5628, 5552, 5337, 5615, 5630, 5520, 5549, 5607, 5583, 5650, 5703, 5545, 5635, 5652, 5388, 5598, 5428, 5569, 5541, 5538, 5529, 5451, 5415, 5674, 5331, 5358, 5568, 5301, 5689, 5470, 5636, 5408, 5448, 5472, 5359, 5429, 5622, 5364, 5324, 5477, 5644, 5294, 5671, 5414, 5437, 5450, 5527, 5505, 5280, 5600, 5403, 5267, 5480, 5410, 5423, 5690, 5670, 5433, 5466, 5667, 5379, 5721, 5270, 5511, 5723, 5462, 5330, 5709, 5268, 5579, 5725, 5263, 5507, 5500, 5724, 5501, 5558, 5675, 5602, 5595, 5726, 5557, 5537, 5370, 5643, 5638, 5389, 5456, 5492, 5669, 5698, 5708, 5639, 5341, 5659, 5316 (5 hits)
26	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5602, 5261, 5624, 5346, 5676, 5659, 5459, 5263, 5547, 5327, 5501, 5353, 5721, 5698, 5442, 5558, 5685, 5487, 5560, 5571, 5380, 5352, 5673, 5592, 5640, 5534, 5630, 5525, 5385, 5699, 5568, 5653, 5466, 5619, 5548, 5538, 5309, 5428, 5388, 5576, 5511, 5508, 5291, 5437, 5637, 5413, 5422, 5372, 5498, 5317, 5683, 5323, 5583, 5497, 5696, 5720, 5594, 5486, 5537, 5281, 5723, 5416, 5500, 5472, 5596, 5545, 5402, 5493, 5684, 5276, 5336, 5390, 5718, 5345, 5318, 5632, 5449, 5438, 5335, 5503, 5436, 5305, 5528, 5320, 5628, 5688, 5474, 5616, 5447, 5570, 5573, 5482, 5292, 5621, 5433, 5329, 5512, 5278, 5404, 5670 (7 hits)
27	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5267, 5523, 5492, 5347, 5258, 5474, 5483, 5604, 5352, 5445, 5359, 5481, 5598, 5578, 5408, 5464, 5675, 5666, 5327, 5623, 5305, 5696, 5306, 5479, 5574, 5411, 5653, 5616, 5663, 5624, 5508, 5257, 5511, 5659, 5383, 5289, 5368, 5446, 5603, 5466, 5723, 5495, 5655, 5447, 5417, 5656, 5683, 5704, 5637, 5614, 5392, 5566, 5311, 5363, 5635, 5701, 5331, 5316, 5552, 5513, 5714, 5720, 5665, 5562, 5657, 5684, 5361, 5706, 5372, 5470, 5644, 5427, 5291, 5282, 5713, 5488, 5645, 5436, 5677, 5524, 5542, 5605, 5502, 5395, 5515, 5375, 5337, 5471, 5667, 5505, 5384, 5457, 5628, 5533, 5485, 5501, 5371, 5298, 5385,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5560 (6 hits)
28	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5364, 5410, 5519, 5269, 5455, 5635, 5390, 5581, 5682, 5442, 5607, 5257, 5649, 5395, 5608, 5347, 5359, 5599, 5526, 5357, 5500, 5342, 5705, 5411, 5537, 5406, 5522, 5372, 5594, 5276, 5517, 5675, 5412, 5631, 5272, 5652, 5697, 5381, 5616, 5570, 5366, 5447, 5521, 5361, 5501, 5692, 5659, 5337, 5325, 5320, 5665, 5663, 5667, 5664, 5552, 5639, 5385, 5628, 5516, 5483, 5696, 5680, 5288, 5273, 5595, 5454, 5329, 5277, 5369, 5368, 5258, 5310, 5493, 5571, 5473, 5386, 5658, 5545, 5690, 5475, 5590, 5428, 5402, 5625, 5611, 5672, 5472, 5547, 5529, 5496, 5660, 5681, 5265, 5392, 5679, 5637, 5474, 5422, 5706, 5712 (4 hits)
29	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5679, 5442, 5592, 5326, 5454, 5625, 5582, 5319, 5532, 5630, 5500, 5662, 5553, 5583, 5350, 5438, 5570, 5505, 5724, 5524, 5619, 5329, 5314, 5313, 5559, 5688, 5411, 5347, 5712, 5494, 5469, 5483, 5492, 5650, 5414, 5409, 5665, 5421, 5509, 5646, 5361, 5254, 5634, 5700, 5612, 5489, 5352, 5258, 5356, 5450, 5427, 5273, 5375, 5543, 5577, 5539, 5607, 5433, 5547, 5674, 5279, 5485, 5464, 5496, 5606, 5386, 5369, 5311, 5562, 5555, 5549, 5621, 5706, 5392, 5488, 5461, 5405, 5309, 5263, 5255, 5358, 5645, 5452, 5671, 5295, 5716, 5357, 5315, 5288, 5444, 5270, 5655, 5420, 5262, 5360, 5480, 5701, 5296, 5587, 5528 (6 hits)
30	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5547, 5559, 5604, 5342, 5666, 5303, 5707, 5486, 5439, 5667, 5660, 5447, 5257, 5431, 5259, 5516, 5308, 5502, 5673, 5618, 5725, 5676, 5427, 5462, 5507, 5598, 5495, 5313, 5724, 5476, 5571, 5457, 5522, 5432, 5463, 5668, 5479, 5714, 5558, 5461, 5287, 5444, 5647, 5280, 5595, 5335, 5253, 5675, 5424, 5683, 5330, 5506, 5483, 5451, 5709, 5328, 5416, 5397, 5349, 5443, 5324, 5261, 5703, 5421, 5524, 5669, 5384, 5292, 5657, 5624, 5680, 5252, 5391, 5396, 5701, 5385, 5291, 5565, 5601, 5446, 5515, 5535, 5455, 5563, 5597, 5531, 5599, 5564, 5423, 5626, 5493, 5627, 5508, 5477, 5472, 5519, 5256, 5665, 5637, 5473 (6 hits)
31	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5354, 5338, 5447, 5439, 5410, 5505, 5623, 5385, 5466, 5285, 5520, 5640, 5598, 5688, 5417, 5301, 5502, 5725, 5425, 5325, 5654, 5621, 5629, 5317, 5314, 5484, 5366, 5540, 5479, 5376, 5273, 5512, 5286,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5251, 5383, 5639, 5311, 5293, 5702, 5635, 5328, 5415, 5672, 5564, 5592, 5452, 5402, 5296, 5389, 5697, 5262, 5683, 5509, 5542, 5359, 5581, 5506, 5327, 5379, 5319, 5614, 5422, 5352, 5636, 5558, 5679, 5342, 5703, 5637, 5344, 5348, 5720, 5370, 5326, 5265, 5310, 5295, 5648, 5428, 5331, 5716, 5607, 5309, 5472, 5360, 5290, 5313, 5306, 5659, 5671, 5687, 5584, 5548, 5275, 5521, 5276, 5460, 5643, 5260, 5658 (4 hits)
32	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5488, 5263, 5469, 5287, 5572, 5642, 5495, 5719, 5405, 5518, 5592, 5492, 5320, 5392, 5595, 5383, 5465, 5512, 5629, 5552, 5581, 5541, 5462, 5255, 5665, 5435, 5587, 5351, 5599, 5684, 5301, 5369, 5370, 5583, 5268, 5615, 5450, 5725, 5571, 5384, 5565, 5407, 5700, 5410, 5674, 5679, 5598, 5426, 5682, 5702, 5258, 5566, 5324, 5672, 5367, 5398, 5475, 5689, 5520, 5630, 5297, 5338, 5309, 5362, 5489, 5292, 5487, 5650, 5542, 5623, 5452, 5434, 5519, 5278, 5468, 5660, 5556, 5425, 5714, 5318, 5605, 5393, 5726, 5330, 5516, 5694, 5686, 5476, 5300, 5600, 5578, 5422, 5431, 5353, 5537, 5621, 5430, 5586, 5530, 5664 (2 hits)
33	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5611, 5269, 5348, 5351, 5402, 5540, 5575, 5392, 5548, 5358, 5396, 5695, 5322, 5632, 5700, 5571, 5705, 5657, 5578, 5670, 5659, 5613, 5413, 5668, 5725, 5614, 5464, 5524, 5299, 5292, 5650, 5272, 5623, 5375, 5622, 5543, 5518, 5471, 5342, 5508, 5270, 5311, 5626, 5257, 5401, 5609, 5433, 5521, 5303, 5506, 5694, 5459, 5268, 5693, 5570, 5291, 5337, 5300, 5388, 5662, 5298, 5368, 5468, 5391, 5565, 5273, 5627, 5546, 5573, 5708, 5637, 5422, 5724, 5542, 5580, 5383, 5547, 5674, 5559, 5519, 5289, 5529, 5429, 5568, 5673, 5435, 5478, 5474, 5457, 5253, 5711, 5310, 5585, 5537, 5480, 5616, 5258, 5370, 5636, 5713 (2 hits)
34	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5536, 5401, 5466, 5624, 5256, 5507, 5664, 5685, 5269, 5686, 5388, 5627, 5443, 5630, 5497, 5340, 5650, 5682, 5262, 5391, 5414, 5284, 5605, 5409, 5691, 5625, 5631, 5460, 5721, 5341, 5266, 5421, 5310, 5612, 5345, 5392, 5333, 5261, 5263, 5500, 5502, 5571, 5657, 5371, 5577, 5339, 5633, 5405, 5557, 5594, 5254, 5583, 5534, 5514, 5522, 5328, 5423, 5286, 5547, 5495, 5387, 5714, 5389, 5305, 5327, 5644, 5461, 5580, 5344, 5499, 5348, 5652, 5441, 5484, 5494,



Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5384, 5372, 5515, 5317, 5588, 5696, 5318, 5470, 5467, 5446, 5468, 5475, 5620, 5562, 5564, 5285, 5437, 5299, 5390, 5648, 5453, 5357, 5482, 5334, 5646 (7 hits)
35	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5376, 5292, 5304, 5543, 5480, 5283, 5271, 5435, 5401, 5330, 5289, 5710, 5557, 5523, 5617, 5625, 5671, 5513, 5362, 5477, 5326, 5614, 5535, 5288, 5348, 5687, 5525, 5662, 5430, 5666, 5638, 5462, 5282, 5469, 5257, 5521, 5532, 5606, 5684, 5655, 5349, 5471, 5698, 5530, 5714, 5504, 5506, 5465, 5544, 5700, 5343, 5515, 5402, 5319, 5352, 5582, 5419, 5517, 5354, 5459, 5642, 5634, 5640, 5336, 5508, 5275, 5492, 5278, 5713, 5384, 5309, 5593, 5635, 5291, 5585, 5277, 5337, 5350, 5598, 5620, 5448, 5496, 5256, 5709, 5409, 5488, 5706, 5457, 5670, 5484, 5313, 5296, 5639, 5383, 5406, 5539, 5626, 5571, 5421, 5422 (5 hits)
36	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5306, 5305, 5326, 5396, 5519, 5508, 5690, 5332, 5302, 5450, 5586, 5334, 5391, 5526, 5370, 5622, 5463, 5721, 5524, 5516, 5477, 5647, 5360, 5263, 5625, 5364, 5430, 5413, 5350, 5445, 5292, 5468, 5459, 5587, 5268, 5666, 5264, 5382, 5363, 5619, 5676, 5673, 5610, 5560, 5579, 5457, 5509, 5422, 5368, 5341, 5592, 5628, 5304, 5533, 5535, 5694, 5642, 5351, 5649, 5629, 5472, 5523, 5429, 5718, 5318, 5576, 5613, 5697, 5319, 5529, 5465, 5275, 5677, 5713, 5606, 5670, 5698, 5577, 5499, 5358, 5362, 5453, 5365, 5374, 5547, 5635, 5376, 5455, 5663, 5520, 5662, 5260, 5525, 5512, 5651, 5671, 5498, 5585, 5659, 5707 (4 hits)
37	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5288, 5350, 5568, 5468, 5270, 5602, 5420, 5471, 5662, 5480, 5642, 5646, 5447, 5673, 5469, 5389, 5503, 5630, 5421, 5309, 5396, 5558, 5271, 5645, 5431, 5276, 5331, 5634, 5425, 5540, 5512, 5589, 5565, 5647, 5709, 5507, 5320, 5467, 5513, 5466, 5576, 5578, 5596, 5326, 5611, 5704, 5708, 5455, 5615, 5450, 5280, 5289, 5627, 5564, 5664, 5432, 5492, 5667, 5395, 5655, 5429, 5698, 5385, 5635, 5506, 5583, 5317, 5505, 5601, 5695, 5255, 5251, 5609, 5318, 5555, 5637, 5625, 5724, 5287, 5472, 5264, 5445, 5501, 5295, 5300, 5495, 5375, 5640, 5691, 5605, 5329, 5687, 5588, 5677, 5658, 5593, 5617, 5556, 5268, 5657 (7 hits)
38	9	1.0	333.0	Yes	5507.0MHz,	Hop sequence: 5502, 5564, 5664, 5604, 5497, 5516, 5510, 5710, 5468,

Table 54 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5407, 5590, 5399, 5296, 5280, 5685, 5279, 5596, 5617, 5589, 5375, 5620, 5613, 5386, 5704, 5544, 5373, 5543, 5350, 5327, 5578, 5257, 5640, 5370, 5548, 5547, 5392, 5306, 5699, 5292, 5642, 5716, 5610, 5662, 5666, 5329, 5424, 5331, 5465, 5534, 5672, 5393, 5588, 5595, 5638, 5410, 5719, 5560, 5545, 5348, 5681, 5597, 5432, 5503, 5438, 5259, 5263, 5673, 5720, 5310, 5287, 5536, 5517, 5371, 5360, 5434, 5288, 5282, 5574, 5308, 5415, 5431, 5676, 5411, 5298, 5320, 5537, 5513, 5476, 5316, 5520, 5364, 5718, 5389, 5369, 5264, 5253, 5521, 5269, 5380, 5343 (3 hits)

Table 55 - Long Sequence Waveform Summary 20MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -64.0dBm
Trial #2	Detected	5506.8MHz, -64.0dBm
Trial #3	Detected	5493.2MHz, -64.0dBm
Trial #4	Detected	5500.0MHz, -64.0dBm
Trial #5	Detected	5506.0MHz, -64.0dBm
Trial #6	Detected	5506.8MHz, -64.0dBm
Trial #7	Detected	5493.2MHz, -64.0dBm
Trial #8	Detected	5500.0MHz, -64.0dBm
Trial #9	Detected	5506.8MHz, -64.0dBm
Trial #10	Detected	5493.2MHz, -64.0dBm
Trial #11	Detected	5500.0MHz, -64.0dBm
Trial #12	Detected	5506.8MHz, -64.0dBm
Trial #13	Detected	5493.2MHz, -64.0dBm
Trial #14	Detected	5500.0MHz, -64.0dBm
Trial #15	Detected	5506.0MHz, -64.0dBm
Trial #16	Detected	5506.8MHz, -64.0dBm
Trial #17	Detected	5493.2MHz, -64.0dBm
Trial #18	Detected	5500.0MHz, -64.0dBm
Trial #19	Detected	5506.0MHz, -64.0dBm
Trial #20	Detected	5506.8MHz, -64.0dBm
Trial #21	Detected	5493.2MHz, -64.0dBm
Trial #22	Detected	5500.0MHz, -64.0dBm
Trial #23	Detected	5506.8MHz, -64.0dBm
Trial #24	Detected	5493.2MHz, -64.0dBm
Trial #25	Detected	5500.0MHz, -64.0dBm
Trial #26	Detected	5506.8MHz, -64.0dBm
Trial #27	Detected	5493.2MHz, -64.0dBm
Trial #28	Detected	5494.0MHz, -64.0dBm
Trial #29	Detected	5504.0MHz, -64.0dBm
Trial #30	Detected	5506.8MHz, -64.0dBm

Table 56 - Long Sequence Waveform Trial#1 (Detected) 20MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	79.7	12	-	-	0.683570
2	1	64.0	9	-	-	1.105802
3	1	74.0	5	-	-	2.064659
4	3	74.1	11	1485.0	1733.0	2.895728
5	3	90.4	18	1269.0	1793.0	3.806006
6	1	87.2	18	-	-	4.975174
7	2	86.6	15	1101.0	-	5.332750
8	1	87.7	13	-	-	6.253227
9	2	56.5	8	1524.0	-	7.637574
10	1	96.5	6	-	-	8.385538
11	2	79.2	18	1369.0	-	9.001732
12	1	85.5	6	-	-	10.224196
13	2	83.4	13	1276.0	-	10.772045
14	2	67.3	6	1308.0	-	11.276993

<b>Table 57 - Long Sequence Waveform Trial#2 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	61.6	18	1452.0	1594.0	0.844508
2	2	89.5	14	1052.0	-	1.293601
3	3	81.8	15	1313.0	1869.0	2.756604
4	2	98.4	19	1166.0	-	3.525442
5	3	57.4	14	1687.0	1929.0	5.083904
6	1	52.2	12	-	-	6.313427
7	2	59.6	8	1780.0	-	7.521329
8	2	96.8	12	1065.0	-	8.135759
9	1	56.9	8	-	-	9.666066
10	2	55.7	15	1325.0	-	9.820563
11	3	72.3	10	1011.0	1543.0	11.708220

<b>Table 58 - Long Sequence Waveform Trial#3 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.0	14	1347.0	-	0.417975
2	2	67.0	11	1586.0	-	0.716672
3	1	74.2	6	-	-	1.540885
4	1	54.5	14	-	-	2.635345
5	2	92.9	9	1446.0	-	2.815463
6	2	90.2	19	1667.0	-	3.905730
7	2	93.3	6	1480.0	-	4.326448
8	2	76.3	7	1393.0	-	5.007187
9	3	96.1	19	1677.0	1339.0	5.540253
10	2	63.7	19	1360.0	-	6.435227
11	2	94.5	18	1706.0	-	6.701285
12	1	62.9	5	-	-	7.633095
13	3	87.7	7	1199.0	1628.0	8.345022
14	2	79.1	9	1505.0	-	9.326140
15	3	83.4	6	1691.0	1847.0	9.512591
16	3	52.2	14	1118.0	1589.0	10.201912
17	1	64.1	17	-	-	10.677179
18	1	89.4	10	-	-	11.439542

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	55.9	6	-	-	0.192693
2	2	53.3	16	1396.0	-	1.545586
3	1	61.2	7	-	-	2.389276
4	3	77.3	16	1665.0	1209.0	3.377964
5	3	91.1	18	1296.0	1041.0	3.450714
6	2	55.4	20	1743.0	-	4.647852
7	1	79.0	12	-	-	5.299485
8	1	62.2	8	-	-	6.632724
9	2	70.6	10	1600.0	-	7.034822
10	2	61.0	18	1039.0	-	7.910374
11	2	58.0	19	1096.0	-	9.201843
12	2	89.8	8	1893.0	-	10.091995
13	2	58.3	5	1903.0	-	10.574493
14	1	70.1	12	-	-	11.883988

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	89.8	6	-	-	0.623875
2	3	66.4	18	1549.0	1487.0	2.317246
3	2	97.3	14	1782.0	-	3.776314
4	2	65.8	10	1544.0	-	4.496681
5	1	56.5	6	-	-	5.610652
6	1	54.8	9	-	-	7.999111
7	2	85.3	19	1318.0	-	8.614765
8	1	94.0	9	-	-	9.635947
9	2	94.3	15	1589.0	-	11.743494

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	57.6	18	-	-	0.564430
2	1	74.6	20	-	-	1.680835
3	3	54.2	17	1844.0	1800.0	2.315352
4	2	98.6	15	1729.0	-	3.548402
5	3	54.8	7	1889.0	1884.0	4.006649
6	2	90.5	16	1726.0	-	5.822611
7	2	57.9	7	1841.0	-	6.832265
8	3	53.8	10	1048.0	1045.0	7.645361
9	2	58.3	17	1119.0	-	8.397193
10	2	57.7	17	1016.0	-	9.933398
11	2	74.3	15	1369.0	-	10.396208
12	2	66.1	13	1943.0	-	11.719833

Table 62 - Long Sequence Waveform Trial#7 (Detected) 20MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	89.8	5	1115.0	-	0.336343
2	2	65.6	13	1181.0	-	0.927536
3	2	92.7	10	1534.0	-	1.446128
4	2	61.9	16	1799.0	-	2.101937
5	2	62.8	19	1656.0	-	2.967994
6	3	69.6	7	1033.0	1078.0	3.866439
7	2	91.8	6	1751.0	-	4.061435
8	1	85.0	17	-	-	5.231474
9	1	50.2	20	-	-	5.909365
10	2	73.8	10	1555.0	-	6.329951
11	3	97.9	18	1859.0	1478.0	6.747480
12	2	59.2	15	1506.0	-	7.995911
13	2	51.8	14	1278.0	-	8.284388
14	2	55.6	19	1906.0	-	8.944463
15	2	76.4	18	1788.0	-	9.923571
16	2	92.4	12	1927.0	-	10.591229
17	2	97.4	14	1378.0	-	10.878958
18	2	75.7	13	1303.0	-	11.693226

Table 63 - Long Sequence Waveform Trial#8 (Detected) 20MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	64.6	12	-	-	0.395117
2	2	72.1	7	1622.0	-	2.269859
3	2	54.7	5	1736.0	-	2.585269
4	2	87.2	16	1707.0	-	4.324132
5	1	73.5	5	-	-	5.094372
6	2	75.7	10	1146.0	-	6.469251
7	1	60.9	15	-	-	8.025986
8	1	68.7	19	-	-	8.964285
9	2	50.8	9	1318.0	-	10.258192
10	2	54.7	20	1438.0	-	11.274430

<b>Table 64 - Long Sequence Waveform Trial#9 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.3	20	1821.0	-	0.209972
2	2	52.4	17	1002.0	-	1.127492
3	1	86.2	11	-	-	1.877326
4	3	72.6	8	1682.0	1365.0	3.103428
5	3	71.4	9	1620.0	1015.0	3.957287
6	3	63.1	7	1167.0	1405.0	4.163553
7	2	64.9	11	1813.0	-	5.315400
8	2	74.3	5	1304.0	-	5.656955
9	2	89.7	12	1018.0	-	7.125209
10	3	83.7	13	1202.0	1994.0	7.208579
11	2	95.8	7	1120.0	-	8.383921
12	1	90.4	15	-	-	9.270809
13	2	55.5	14	1931.0	-	10.102959
14	2	78.4	16	1766.0	-	10.858114
15	3	63.6	15	1858.0	1625.0	11.747801

<b>Table 65 - Long Sequence Waveform Trial#10 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	58.5	8	-	-	0.226977
2	2	63.5	9	1754.0	-	1.438236
3	3	97.9	18	1950.0	1024.0	1.808383
4	2	82.4	19	1832.0	-	3.025226
5	2	64.1	7	1602.0	-	3.914386
6	2	76.0	15	1977.0	-	4.903366
7	1	86.6	14	-	-	5.506652
8	2	99.2	8	1538.0	-	6.044486
9	3	72.2	9	1355.0	1125.0	7.583349
10	2	55.3	14	1108.0	-	8.154956
11	3	99.0	6	1905.0	1884.0	9.195000
12	3	63.2	9	1021.0	1734.0	9.656979
13	2	84.2	13	1662.0	-	10.370881
14	3	83.0	17	1889.0	1775.0	11.978899

Table 66 - Long Sequence Waveform Trial#11 (Detected) 20MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	79.0	8	1561.0	1614.0	0.266920
2	2	58.3	18	1953.0	-	1.102904
3	1	69.6	13	-	-	1.409605
4	2	87.4	12	1894.0	-	2.115278
5	2	59.2	18	1018.0	-	2.984320
6	2	82.7	11	1839.0	-	3.238331
7	1	54.1	11	-	-	4.085451
8	1	82.9	6	-	-	4.484968
9	2	72.7	12	1373.0	-	4.980756
10	2	88.7	17	1791.0	-	5.484033
11	3	69.3	15	1866.0	1511.0	6.011633
12	1	73.8	9	-	-	6.889299
13	1	54.5	15	-	-	7.601323
14	2	99.7	8	1578.0	-	8.319874
15	2	55.9	16	1673.0	-	8.463982
16	1	57.5	8	-	-	9.090602
17	1	86.1	8	-	-	9.762287
18	3	95.2	13	1306.0	1159.0	10.737926
19	2	68.5	17	1861.0	-	11.157039
20	1	69.6	6	-	-	11.405298

Table 67 - Long Sequence Waveform Trial#12 (Detected) 20MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	54.7	12	1983.0	1682.0	0.378512
2	2	82.6	20	1584.0	-	1.221136
3	3	59.9	6	1629.0	1796.0	1.908067
4	3	72.2	7	1641.0	1331.0	2.054869
5	1	89.4	16	-	-	2.748192
6	1	99.9	13	-	-	3.641980
7	1	51.0	16	-	-	4.543264
8	2	88.1	11	1068.0	-	4.710076
9	2	99.3	13	1536.0	-	5.801254
10	2	73.4	10	1570.0	-	6.082817
11	2	77.1	17	1927.0	-	6.988447
12	2	97.8	9	1187.0	-	7.707391
13	2	52.5	19	1745.0	-	8.277493
14	1	82.9	14	-	-	9.204269
15	2	69.4	6	1707.0	-	9.342861
16	2	97.7	12	1365.0	-	10.552527
17	1	89.2	10	-	-	11.044179
18	2	95.7	17	1111.0	-	11.496838



<b>Table 68 - Long Sequence Waveform Trial#13 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	54.8	11	-	-	0.705402
2	2	96.0	11	1634.0	-	0.753143
3	2	90.6	8	1777.0	-	1.783166
4	1	99.2	18	-	-	2.778809
5	1	72.8	10	-	-	3.296189
6	2	55.2	8	1016.0	-	3.918722
7	3	77.4	13	1915.0	1635.0	4.653243
8	2	99.1	16	1849.0	-	5.252001
9	1	59.1	14	-	-	6.287031
10	3	67.0	11	1353.0	1079.0	6.793865
11	2	55.9	6	1603.0	-	8.114573
12	2	60.3	11	1839.0	-	8.873746
13	2	56.9	15	1170.0	-	9.583597
14	1	78.4	12	-	-	10.419316
15	2	78.2	20	1001.0	-	10.694960
16	2	85.6	12	1264.0	-	11.418677

<b>Table 69 - Long Sequence Waveform Trial#14 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	54.2	12	-	-	0.114719
2	1	74.3	13	-	-	1.012283
3	2	65.0	15	1841.0	-	1.570096
4	2	99.7	8	1364.0	-	2.359316
5	1	52.4	19	-	-	3.165655
6	3	87.1	7	1450.0	1342.0	3.958538
7	2	70.5	11	1974.0	-	4.797336
8	3	75.2	12	1271.0	1903.0	5.599856
9	1	57.3	17	-	-	6.744348
10	1	74.6	16	-	-	7.142751
11	2	69.6	14	1585.0	-	8.226403
12	1	76.9	9	-	-	8.299907
13	3	63.7	16	1853.0	1858.0	9.734175
14	1	69.5	7	-	-	10.152012
15	2	66.6	5	1096.0	-	10.626565
16	2	89.7	17	1786.0	-	11.514491

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.5	9	-	-	0.348508
2	2	75.7	12	1213.0	-	2.223736
3	3	95.4	11	1088.0	1195.0	3.263003
4	1	71.7	19	-	-	5.865269
5	2	83.3	7	1686.0	-	6.371211
6	1	82.8	15	-	-	8.021391
7	2	56.5	8	1040.0	-	10.242839
8	2	84.0	11	1750.0	-	10.752215

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.6	15	1920.0	-	0.487234
2	3	63.2	10	1499.0	1085.0	1.320320
3	2	95.5	11	1691.0	-	1.684175
4	2	98.4	14	1552.0	-	2.126423
5	1	84.7	14	-	-	3.242251
6	2	99.3	9	1291.0	-	3.627848
7	2	93.8	19	1267.0	-	4.550344
8	3	59.1	19	1178.0	1990.0	4.782760
9	2	56.6	17	1995.0	-	5.807923
10	2	87.9	15	1116.0	-	6.068395
11	2	77.8	16	1178.0	-	6.801399
12	1	89.6	17	-	-	7.795087
13	2	67.0	6	1478.0	-	8.095576
14	2	51.4	10	1873.0	-	8.670308
15	3	62.8	6	1939.0	1717.0	9.625416
16	2	94.4	8	1292.0	-	10.352500
17	1	64.8	16	-	-	11.163290
18	2	61.1	11	1857.0	-	11.622758

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	84.7	9	-	-	0.164973
2	2	71.2	15	1434.0	-	1.332518
3	2	84.1	11	1703.0	-	2.780246
4	2	97.7	8	1243.0	-	3.862902
5	3	83.7	10	1485.0	1850.0	4.472278
6	2	98.8	8	1591.0	-	5.102591
7	3	52.7	12	1897.0	1286.0	6.267550
8	1	90.0	16	-	-	7.042173
9	3	96.3	14	1568.0	1796.0	8.298855
10	1	54.1	18	-	-	9.962952
11	2	63.4	6	1022.0	-	10.445702
12	1	78.5	10	-	-	11.680870

<b>Table 73 - Long Sequence Waveform Trial#18 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.6	18	1332.0	-	0.840088
2	1	98.4	9	-	-	1.855102
3	2	52.6	16	1316.0	-	2.976613
4	3	94.6	6	1933.0	1031.0	3.336541
5	2	71.4	20	1637.0	-	4.471937
6	1	84.8	8	-	-	5.533580
7	2	65.7	11	1199.0	-	6.879821
8	2	76.9	18	1317.0	-	7.348698
9	2	89.4	8	1891.0	-	8.639947
10	1	84.5	7	-	-	9.176009
11	2	66.9	17	1732.0	-	10.525536
12	2	83.7	12	1128.0	-	11.329364

<b>Table 74 - Long Sequence Waveform Trial#19 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	69.0	15	1308.0	1831.0	0.494086
2	3	74.6	19	1454.0	1738.0	1.032623
3	3	89.3	7	1104.0	1341.0	2.576550
4	2	96.3	19	1946.0	-	3.203195
5	3	94.5	20	1367.0	1433.0	4.452148
6	2	74.4	16	1329.0	-	5.663376
7	2	53.0	17	1122.0	-	6.821678
8	3	73.4	10	1494.0	1701.0	7.783724
9	2	69.9	8	1732.0	-	8.185678
10	3	67.3	16	1624.0	1025.0	9.552869
11	1	80.3	19	-	-	10.605437
12	1	84.8	20	-	-	11.932691

<b>Table 75 - Long Sequence Waveform Trial#20 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	82.3	6	-	-	0.238941
2	3	77.4	18	1150.0	1957.0	0.717662
3	2	52.0	19	1317.0	-	1.598443
4	2	80.3	18	1515.0	-	2.502807
5	3	58.3	14	1843.0	1541.0	2.638788
6	2	62.6	10	1350.0	-	3.395659
7	2	83.9	5	1309.0	-	3.867835
8	3	84.3	20	1717.0	1755.0	4.814219
9	1	79.2	10	-	-	5.066121
10	1	59.0	7	-	-	6.232499
11	2	60.2	6	1798.0	-	6.854059
12	3	71.4	12	1488.0	1946.0	7.451354
13	3	83.0	13	1076.0	1501.0	7.954322
14	2	52.1	11	1980.0	-	8.401353
15	2	86.4	15	1056.0	-	9.000667
16	2	77.9	14	1273.0	-	9.946207
17	3	50.4	14	1179.0	1555.0	10.454111
18	3	73.1	13	1944.0	1116.0	10.878274
19	1	59.0	7	-	-	11.394104

<b>Table 76 - Long Sequence Waveform Trial#21 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	80.5	8	-	-	0.145780
2	2	65.8	17	1113.0	-	1.844571
3	1	76.0	8	-	-	3.845284
4	2	81.6	6	1472.0	-	5.539734
5	2	71.9	8	1442.0	-	6.652751
6	1	65.8	18	-	-	8.204997
7	1	73.4	14	-	-	9.215313
8	3	52.1	15	1986.0	1372.0	10.790813

<b>Table 77 - Long Sequence Waveform Trial#22 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	99.6	19	1347.0	1030.0	0.418541
2	3	82.3	13	1065.0	1887.0	1.091708
3	1	99.0	13	-	-	1.546064
4	2	72.6	18	1847.0	-	2.223135
5	1	55.1	7	-	-	3.137107
6	2	81.9	19	1834.0	-	3.234127
7	1	54.7	16	-	-	4.087937
8	1	92.5	13	-	-	4.943044
9	1	90.9	12	-	-	5.063571
10	2	50.6	6	1237.0	-	6.257457
11	2	67.5	14	1765.0	-	6.896437
12	1	93.0	14	-	-	7.366388
13	1	96.7	7	-	-	8.070013
14	1	54.0	7	-	-	8.711356
15	2	57.2	20	1449.0	-	9.462546
16	2	85.9	16	1042.0	-	9.599493
17	2	67.7	11	1998.0	-	10.692188
18	2	73.7	11	1966.0	-	11.360791
19	2	83.1	15	1980.0	-	11.448231

<b>Table 78 - Long Sequence Waveform Trial#23 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.1	15	1779.0	1644.0	1.359708
2	2	74.7	15	1830.0	-	2.268318
3	2	57.5	7	1906.0	-	4.372145
4	2	92.6	12	1830.0	-	5.739024
5	2	93.1	17	1117.0	-	7.106387
6	2	50.9	16	1358.0	-	7.884745
7	1	62.7	18	-	-	9.832219
8	2	67.4	19	1517.0	-	11.433434

<b>Table 79 - Long Sequence Waveform Trial#24 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.1	17	1554.0	-	0.481524
2	1	79.6	11	-	-	0.865253
3	3	60.1	15	1712.0	1013.0	1.532525
4	3	96.7	7	1270.0	1147.0	2.701654
5	2	51.3	12	1362.0	-	3.393640
6	3	96.8	6	1276.0	1083.0	3.707440
7	3	65.4	10	1362.0	1870.0	4.425513
8	1	64.3	11	-	-	5.306427
9	2	97.9	17	1994.0	-	5.954781
10	2	66.8	6	1185.0	-	6.840091
11	1	54.8	19	-	-	7.685984
12	2	53.8	8	1385.0	-	8.231727
13	2	94.1	12	1080.0	-	8.596178
14	2	60.4	15	1253.0	-	9.211526
15	1	57.4	13	-	-	10.571026
16	2	57.4	11	1584.0	-	11.156628
17	3	56.7	9	1002.0	1722.0	11.433017

<b>Table 80 - Long Sequence Waveform Trial#25 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	74.8	12	1561.0	-	0.217402
2	2	75.0	19	1700.0	-	1.491635
3	1	59.1	15	-	-	2.311648
4	2	95.1	14	1623.0	-	4.190155
5	2	62.2	11	1790.0	-	4.961540
6	1	85.1	6	-	-	5.641294
7	1	82.7	20	-	-	7.375917
8	3	55.0	12	1284.0	1069.0	8.457313
9	2	91.4	17	1241.0	-	8.905010
10	2	77.9	13	1819.0	-	10.598900
11	3	95.0	12	1965.0	1814.0	11.418203

<b>Table 81 - Long Sequence Waveform Trial#26 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	93.2	19	-	-	0.366511
2	2	60.8	9	1021.0	-	1.408585
3	3	73.6	7	1457.0	1186.0	1.577917
4	3	61.6	17	1409.0	1612.0	2.547759
5	2	71.7	8	1074.0	-	3.173769
6	3	69.7	13	1557.0	1236.0	3.865582
7	3	67.2	9	1366.0	1029.0	4.569947
8	2	79.5	20	1252.0	-	5.557106
9	2	68.3	19	1146.0	-	5.821903
10	2	85.3	18	1994.0	-	6.445716
11	2	61.8	16	1834.0	-	7.433713
12	2	60.1	6	1750.0	-	7.810417
13	2	71.3	15	1694.0	-	8.729496
14	2	87.3	15	1275.0	-	9.287512
15	3	88.4	11	1006.0	1924.0	10.331402
16	2	58.7	14	1256.0	-	10.890979
17	2	69.2	13	1177.0	-	11.433508

<b>Table 82 - Long Sequence Waveform Trial#27 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	72.8	8	-	-	0.049704
2	1	78.4	10	-	-	1.212922
3	2	58.1	9	1784.0	-	3.250288
4	3	58.4	9	1497.0	1292.0	3.328112
5	1	64.9	20	-	-	4.419477
6	3	52.5	18	1720.0	1932.0	6.074048
7	2	74.0	11	1698.0	-	7.575273
8	3	84.8	11	1264.0	1884.0	8.306036
9	3	78.2	6	1799.0	1185.0	9.420345
10	2	54.8	7	1936.0	-	10.335478
11	3	54.0	7	1682.0	1573.0	11.057317

<b>Table 83 - Long Sequence Waveform Trial#28 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	57.0	18	1964.0	1547.0	0.035958
2	2	85.4	7	1876.0	-	0.955513
3	1	68.3	18	-	-	1.675736
4	2	97.9	15	1498.0	-	2.123000
5	2	94.2	19	1230.0	-	2.936543
6	2	95.0	18	1572.0	-	3.595148
7	3	74.3	12	1015.0	1339.0	4.274397
8	2	100.0	14	1490.0	-	5.013659
9	1	55.2	14	-	-	5.238565
10	1	83.2	13	-	-	6.145397
11	2	51.6	10	1124.0	-	6.468456
12	3	81.6	18	1682.0	1178.0	7.425056
13	2	99.0	11	1718.0	-	8.005017
14	2	66.8	17	1625.0	-	8.295129
15	2	92.6	14	1161.0	-	9.329460
16	2	93.0	18	1671.0	-	9.800114
17	2	72.9	19	1252.0	-	10.443774
18	2	53.1	19	1967.0	-	11.124156
19	3	94.5	14	1329.0	1303.0	11.781225

<b>Table 84 - Long Sequence Waveform Trial#29 (Detected) 20MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.5	18	1896.0	-	0.311697
2	3	76.1	12	1619.0	1776.0	1.374036
3	2	74.9	17	1561.0	-	2.179981
4	2	61.8	16	1361.0	-	2.853417
5	3	69.8	18	1785.0	1069.0	3.729761
6	3	67.1	10	1198.0	1861.0	4.495916
7	2	65.7	13	1875.0	-	5.166012
8	1	51.7	8	-	-	5.909049
9	3	56.0	19	1229.0	1952.0	6.601533
10	1	92.6	7	-	-	7.016524
11	3	77.6	9	1251.0	1946.0	7.640078
12	2	82.1	10	1730.0	-	8.426827
13	2	69.4	20	1040.0	-	9.407416
14	3	74.1	17	1068.0	1694.0	10.182069
15	1	75.7	16	-	-	10.600401
16	2	74.4	11	1659.0	-	11.576335



Table 85 - Long Sequence Waveform Trial#30 (Detected) 20MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.6	6	1103.0	-	0.381349
2	1	61.8	16	-	-	1.330826
3	2	80.8	19	1714.0	-	1.638687
4	1	74.5	6	-	-	2.347298
5	2	86.0	11	1592.0	-	3.248448
6	3	74.9	11	1311.0	1081.0	3.642553
7	2	73.1	13	1965.0	-	4.788268
8	2	57.1	17	1773.0	-	5.416824
9	3	52.5	9	1834.0	1007.0	6.279146
10	3	64.8	19	1947.0	1713.0	6.886865
11	2	59.7	6	1288.0	-	7.494250
12	3	97.1	18	1128.0	1080.0	8.345180
13	3	52.3	6	1069.0	1161.0	9.112394
14	2	57.4	11	1966.0	-	9.336766
15	1	66.7	19	-	-	10.070523
16	3	79.7	12	1287.0	1180.0	10.759299
17	1	83.0	19	-	-	11.442547

Table 86 - Summary of All Results 40MHz				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	99.3 %	80.0 %	120	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	39	PASSED

Table 87 - FCC Short Pulse Radar (Type 1A) Results 40MHz						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	61	1.0	878.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	65	1.0	818.0	Yes	5522.0MHz, -64.0dBm	Single burst
3	83	1.0	638.0	Yes	5529.0MHz, -64.0dBm	Single burst
4	92	1.0	578.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	86	1.0	618.0	Yes	5499.0MHz, -64.0dBm	Single burst
6	74	1.0	718.0	Yes	5518.0MHz, -64.0dBm	Single burst
7	76	1.0	698.0	Yes	5529.0MHz, -64.0dBm	Single burst
8	63	1.0	838.0	Yes	5491.0MHz, -64.0dBm	Single burst
9	99	1.0	538.0	Yes	5498.0MHz, -64.0dBm	Single burst
10	72	1.0	738.0	Yes	5515.0MHz, -64.0dBm	Single burst
11	57	1.0	938.0	Yes	5529.0MHz, -64.0dBm	Single burst
12	58	1.0	918.0	Yes	5491.0MHz, -64.0dBm	Single burst
13	89	1.0	598.0	Yes	5510.0MHz, -64.0dBm	Single burst
14	78	1.0	678.0	Yes	5527.0MHz, -64.0dBm	Single burst
15	102	1.0	518.0	Yes	5529.0MHz, -64.0dBm	Single burst

Table 88 - FCC Short Pulse Radar (Type 1B) Results 40MHz						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	3047.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	63	1.0	845.0	Yes	5523.0MHz, -64.0dBm	Single burst
3	18	1.0	2960.0	Yes	5529.0MHz, -64.0dBm	Single burst
4	20	1.0	2744.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	22	1.0	2463.0	Yes	5499.0MHz, -64.0dBm	Single burst
6	20	1.0	2777.0	Yes	5516.0MHz, -64.0dBm	Single burst
7	26	1.0	2040.0	Yes	5529.0MHz, -64.0dBm	Single burst
8	66	1.0	802.0	Yes	5491.0MHz, -64.0dBm	Single burst
9	53	1.0	1004.0	Yes	5499.0MHz, -64.0dBm	Single burst
10	21	1.0	2566.0	Yes	5516.0MHz, -64.0dBm	Single burst
11	65	1.0	815.0	Yes	5529.0MHz, -64.0dBm	Single burst
12	19	1.0	2832.0	Yes	5491.0MHz, -64.0dBm	Single burst
13	21	1.0	2522.0	Yes	5492.0MHz, -64.0dBm	Single burst
14	20	1.0	2664.0	Yes	5506.0MHz, -64.0dBm	Single burst
15	61	1.0	873.0	Yes	5516.0MHz, -64.0dBm	Single burst

Table 89 - FCC Short Pulse Radar (Type 2) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	24	1.9	176.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	25	2.3	164.0	Yes	5525.0MHz, -64.0dBm	Single burst
3	27	4.0	165.0	Yes	5529.0MHz, -64.0dBm	Single burst
4	27	3.3	217.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	27	3.3	215.0	Yes	5500.0MHz, -64.0dBm	Single burst
6	24	3.4	182.0	Yes	5513.0MHz, -64.0dBm	Single burst
7	26	3.5	172.0	Yes	5526.0MHz, -64.0dBm	Single burst
8	23	4.1	184.0	Yes	5529.0MHz, -64.0dBm	Single burst
9	25	4.3	195.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	28	2.2	177.0	Yes	5494.0MHz, -64.0dBm	Single burst
11	25	1.9	171.0	Yes	5510.0MHz, -64.0dBm	Single burst
12	25	2.3	213.0	Yes	5523.0MHz, -64.0dBm	Single burst
13	26	3.0	213.0	Yes	5529.0MHz, -64.0dBm	Single burst
14	27	2.3	154.0	Yes	5491.0MHz, -64.0dBm	Single burst
15	24	2.7	224.0	Yes	5499.0MHz, -64.0dBm	Single burst
16	24	3.2	209.0	Yes	5515.0MHz, -64.0dBm	Single burst
17	24	3.7	196.0	Yes	5529.0MHz, -64.0dBm	Single burst
18	25	2.3	212.0	Yes	5491.0MHz, -64.0dBm	Single burst
19	28	2.1	208.0	Yes	5492.0MHz, -64.0dBm	Single burst
20	25	3.1	204.0	Yes	5506.0MHz, -64.0dBm	Single burst
21	27	4.0	183.0	Yes	5516.0MHz, -64.0dBm	Single burst
22	24	4.8	213.0	Yes	5528.0MHz, -64.0dBm	Single burst
23	24	4.5	202.0	Yes	5529.0MHz, -64.0dBm	Single burst
24	25	4.5	213.0	Yes	5491.0MHz, -64.0dBm	Single burst
25	28	2.4	197.0	Yes	5495.0MHz, -64.0dBm	Single burst
26	27	3.0	227.0	Yes	5514.0MHz, -64.0dBm	Single burst
27	29	1.5	198.0	Yes	5529.0MHz, -64.0dBm	Single burst
28	29	3.4	201.0	Yes	5491.0MHz, -64.0dBm	Single burst
29	26	1.5	183.0	Yes	5500.0MHz, -64.0dBm	Single burst
30	28	4.7	185.0	Yes	5513.0MHz, -64.0dBm	Single burst

Table 90 - FCC Short Pulse Radar (Type 3) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	6.1	482.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	17	7.8	292.0	Yes	5526.0MHz, -64.0dBm	Single burst
3	17	6.3	378.0	Yes	5529.0MHz, -64.0dBm	Single burst
4	17	8.5	380.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	17	7.2	317.0	Yes	5498.0MHz, -64.0dBm	Single burst
6	17	9.3	356.0	Yes	5516.0MHz, -64.0dBm	Single burst
7	16	8.9	456.0	Yes	5527.0MHz, -64.0dBm	Single burst
8	17	7.6	450.0	Yes	5529.0MHz, -64.0dBm	Single burst
9	17	7.2	391.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	16	6.4	406.0	Yes	5499.0MHz, -64.0dBm	Single burst
11	17	6.3	422.0	Yes	5517.0MHz, -64.0dBm	Single burst
12	16	8.8	382.0	Yes	5529.0MHz, -64.0dBm	Single burst
13	17	9.9	444.0	Yes	5491.0MHz, -64.0dBm	Single burst
14	16	6.2	259.0	Yes	5496.0MHz, -64.0dBm	Single burst
15	16	8.9	375.0	Yes	5512.0MHz, -64.0dBm	Single burst
16	16	7.0	365.0	Yes	5527.0MHz, -64.0dBm	Single burst
17	17	6.4	494.0	Yes	5529.0MHz, -64.0dBm	Single burst
18	17	10.0	364.0	Yes	5491.0MHz, -64.0dBm	Single burst
19	17	6.7	314.0	Yes	5495.0MHz, -64.0dBm	Single burst
20	18	9.9	436.0	Yes	5514.0MHz, -64.0dBm	Single burst
21	18	7.1	252.0	Yes	5529.0MHz, -64.0dBm	Single burst
22	16	8.0	221.0	Yes	5491.0MHz, -64.0dBm	Single burst
23	18	9.1	444.0	Yes	5495.0MHz, -64.0dBm	Single burst
24	17	6.3	312.0	Yes	5509.0MHz, -64.0dBm	Single burst
25	17	7.9	412.0	Yes	5527.0MHz, -64.0dBm	Single burst
26	16	8.8	222.0	Yes	5529.0MHz, -64.0dBm	Single burst
27	17	6.9	460.0	Yes	5491.0MHz, -64.0dBm	Single burst
28	17	8.8	333.0	Yes	5493.0MHz, -64.0dBm	Single burst
29	17	8.8	306.0	Yes	5508.0MHz, -64.0dBm	Single burst
30	18	9.8	414.0	Yes	5527.0MHz, -64.0dBm	Single burst

Table 91 - FCC Short Pulse Radar (Type 4) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	18.4	284.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	14	15.7	213.0	Yes	5523.0MHz, -64.0dBm	Single burst
3	13	17.7	312.0	Yes	5529.0MHz, -64.0dBm	Single burst
4	12	16.3	267.0	Yes	5491.0MHz, -64.0dBm	Single burst
5	14	12.7	494.0	Yes	5497.0MHz, -64.0dBm	Single burst
6	14	19.8	435.0	Yes	5511.0MHz, -64.0dBm	Single burst
7	15	15.6	278.0	Yes	5526.0MHz, -64.0dBm	Single burst
8	13	15.9	417.0	Yes	5529.0MHz, -64.0dBm	Single burst
9	12	11.9	246.0	Yes	5491.0MHz, -64.0dBm	Single burst
10	15	14.6	348.0	Yes	5493.0MHz, -64.0dBm	Single burst
11	14	12.1	376.0	Yes	5508.0MHz, -64.0dBm	Single burst
12	12	14.7	246.0	Yes	5519.0MHz, -64.0dBm	Single burst
13	14	19.8	275.0	Yes	5529.0MHz, -64.0dBm	Single burst
14	14	11.8	317.0	Yes	5491.0MHz, -64.0dBm	Single burst
15	13	11.1	333.0	Yes	5494.0MHz, -64.0dBm	Single burst
16	13	18.0	300.0	Yes	5512.0MHz, -64.0dBm	Single burst
17	13	12.8	300.0	Yes	5529.0MHz, -64.0dBm	Single burst
18	15	11.3	442.0	Yes	5491.0MHz, -64.0dBm	Single burst
19	15	17.6	204.0	Yes	5494.0MHz, -64.0dBm	Single burst
20	16	13.6	492.0	Yes	5509.0MHz, -64.0dBm	Single burst
21	15	14.8	318.0	No	5521.0MHz, -64.0dBm	Single burst
22	13	15.7	214.0	Yes	5521.0MHz, -64.0dBm	Single burst
23	16	13.6	276.0	Yes	5529.0MHz, -64.0dBm	Single burst
24	14	17.9	402.0	Yes	5491.0MHz, -64.0dBm	Single burst
25	12	17.6	215.0	Yes	5492.0MHz, -64.0dBm	Single burst
26	13	14.3	411.0	Yes	5506.0MHz, -64.0dBm	Single burst
27	15	15.6	494.0	Yes	5520.0MHz, -64.0dBm	Single burst
28	14	19.7	467.0	Yes	5529.0MHz, -64.0dBm	Single burst
29	15	15.3	355.0	Yes	5491.0MHz, -64.0dBm	Single burst
30	15	16.4	390.0	Yes	5493.0MHz, -64.0dBm	Single burst

Table 92 - Long Sequence Waveform Summary 40MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -64.0dBm
Trial #2	Detected	5524.7MHz, -64.0dBm
Trial #3	Detected	5495.3MHz, -64.0dBm
Trial #4	Detected	5497.0MHz, -64.0dBm
Trial #5	Detected	5514.0MHz, -64.0dBm
Trial #6	Detected	5524.7MHz, -64.0dBm
Trial #7	Detected	5495.3MHz, -64.0dBm
Trial #8	Detected	5500.0MHz, -64.0dBm
Trial #9	Detected	5516.0MHz, -64.0dBm
Trial #10	Detected	5524.7MHz, -64.0dBm
Trial #11	Detected	5495.3MHz, -64.0dBm
Trial #12	Detected	5510.0MHz, -64.0dBm
Trial #13	Detected	5524.7MHz, -64.0dBm
Trial #14	NOT Detected	5495.3MHz, -64.0dBm
Trial #15	Detected	5495.3MHz, -64.0dBm
Trial #16	Detected	5499.0MHz, -64.0dBm
Trial #17	Detected	5514.0MHz, -64.0dBm
Trial #18	Detected	5524.7MHz, -64.0dBm
Trial #19	Detected	5495.3MHz, -64.0dBm
Trial #20	Detected	5510.0MHz, -64.0dBm
Trial #21	Detected	5524.0MHz, -64.0dBm
Trial #22	Detected	5524.7MHz, -64.0dBm
Trial #23	Detected	5495.3MHz, -64.0dBm
Trial #24	Detected	5510.0MHz, -64.0dBm
Trial #25	Detected	5524.0MHz, -64.0dBm
Trial #26	Detected	5524.7MHz, -64.0dBm
Trial #27	Detected	5495.3MHz, -64.0dBm
Trial #28	Detected	5510.0MHz, -64.0dBm
Trial #29	Detected	5524.7MHz, -64.0dBm
Trial #30	Detected	5495.3MHz, -64.0dBm

Table 93 - Long Sequence Waveform Trial#1 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.1	13	1826.0	1110.0	0.473191
2	1	57.8	18	-	-	0.879750
3	1	77.8	10	-	-	1.867289
4	1	87.0	10	-	-	3.101221
5	2	53.7	14	1177.0	-	3.805584
6	2	90.9	9	1389.0	-	4.541000
7	1	78.2	19	-	-	5.845002
8	2	96.5	13	1811.0	-	6.453474
9	3	77.1	9	1894.0	1781.0	7.400830
10	2	54.0	13	1914.0	-	7.936242
11	2	60.4	19	1762.0	-	9.020130
12	2	89.2	9	1849.0	-	9.627611
13	3	67.9	15	1619.0	1281.0	10.593968
14	2	66.1	7	1796.0	-	11.978699

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.8	17	1040.0	-	0.479767
2	2	84.7	6	1588.0	-	1.299823
3	2	96.4	7	1122.0	-	2.071892
4	1	65.4	11	-	-	3.727936
5	3	56.3	11	1390.0	1197.0	4.572211
6	3	71.9	12	1243.0	1139.0	5.784467
7	1	89.0	16	-	-	6.558790
8	3	53.9	19	1277.0	1215.0	7.408126
9	1	67.1	11	-	-	8.991513
10	1	60.3	17	-	-	9.200926
11	3	52.1	10	1583.0	1140.0	10.075428
12	2	71.4	7	1153.0	-	11.128830

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.1	14	-	-	0.415213
2	3	52.5	8	1924.0	1212.0	1.360218
3	3	93.9	15	1688.0	1702.0	2.315097
4	2	52.5	6	1957.0	-	4.215758
5	2	73.7	15	1769.0	-	4.825603
6	2	67.9	16	1852.0	-	5.944098
7	2	64.7	7	1941.0	-	7.232577
8	2	56.1	11	1246.0	-	8.432643
9	3	72.3	10	1696.0	1959.0	9.296143
10	2	93.2	15	1140.0	-	10.886984
11	1	84.9	20	-	-	11.607134

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.8	10	1397.0	-	0.311186
2	3	86.9	13	1083.0	1745.0	1.584920
3	3	80.3	16	1475.0	1064.0	2.567676
4	2	63.1	5	1234.0	-	3.212791
5	2	92.9	18	1759.0	-	4.218443
6	3	80.6	20	1332.0	1534.0	4.666873
7	1	70.7	9	-	-	5.185402
8	2	51.7	13	1880.0	-	6.809305
9	1	95.1	12	-	-	7.407244
10	2	72.9	8	1367.0	-	8.091911
11	1	79.5	11	-	-	8.964004
12	2	64.9	5	1254.0	-	9.679426
13	3	53.2	14	1408.0	1218.0	10.870929
14	3	99.7	7	1558.0	1247.0	11.527741

Table 97 - Long Sequence Waveform Trial#5 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.0	18	1543.0	-	0.397221
2	2	80.4	17	1519.0	-	1.233538
3	2	87.7	5	1153.0	-	1.581532
4	2	56.1	7	1334.0	-	2.714245
5	3	54.5	8	1364.0	1280.0	2.852643
6	2	100.0	17	1126.0	-	3.559721
7	3	63.8	14	1785.0	1432.0	4.702852
8	2	93.0	11	1426.0	-	5.628608
9	1	77.3	12	-	-	6.083053
10	2	63.2	6	1746.0	-	6.361682
11	3	68.0	5	1403.0	1403.0	7.591515
12	1	67.1	13	-	-	7.853469
13	2	60.7	18	1856.0	-	9.163531
14	2	70.7	18	1682.0	-	9.217503
15	1	51.0	15	-	-	10.343555
16	3	59.8	17	1269.0	1822.0	11.047130
17	2	60.4	16	1460.0	-	11.920951

Table 98 - Long Sequence Waveform Trial#6 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.0	14	-	-	0.495915
2	2	87.7	13	1917.0	-	1.151454
3	2	98.5	14	1657.0	-	2.379194
4	2	82.0	14	1811.0	-	3.046682
5	1	97.7	6	-	-	4.594461
6	2	98.7	11	1758.0	-	4.910495
7	2	82.0	8	1371.0	-	6.256436
8	1	54.5	17	-	-	7.190248
9	2	51.0	13	1260.0	-	8.275493
10	1	61.2	8	-	-	8.934434
11	3	71.1	12	1503.0	1688.0	9.603842
12	2	70.4	13	1273.0	-	10.769719
13	3	61.6	7	1821.0	1268.0	11.484197



Table 99 - Long Sequence Waveform Trial#7 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.0	7	1014.0	-	0.602296
2	3	83.2	11	1363.0	1567.0	1.619339
3	3	81.0	10	1910.0	1286.0	3.046887
4	2	54.8	7	1855.0	-	3.603728
5	2	64.0	16	1320.0	-	4.489933
6	3	69.4	15	1897.0	1876.0	6.065384
7	2	75.3	19	1803.0	-	6.971268
8	3	99.6	13	1649.0	1548.0	7.844315
9	3	79.2	7	1331.0	1241.0	9.408786
10	2	58.1	17	1519.0	-	9.978258
11	2	79.2	5	1261.0	-	11.121322

Table 100 - Long Sequence Waveform Trial#8 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	97.4	16	-	-	0.461853
2	3	70.6	16	1523.0	1827.0	0.845463
3	1	56.0	13	-	-	1.560899
4	2	74.8	14	1822.0	-	2.359253
5	1	67.5	9	-	-	2.793033
6	2	78.6	10	1479.0	-	3.584780
7	2	99.8	5	1094.0	-	4.286381
8	1	86.5	11	-	-	4.631283
9	2	54.4	16	1214.0	-	5.386309
10	1	84.1	18	-	-	6.223722
11	1	74.9	16	-	-	6.336797
12	1	91.1	8	-	-	7.343543
13	3	84.6	16	1740.0	1855.0	7.960479
14	3	73.2	20	1342.0	1222.0	8.563802
15	3	74.8	8	1712.0	1776.0	9.357033
16	1	85.0	16	-	-	9.895627
17	2	94.9	18	1774.0	-	10.582519
18	3	65.4	7	1672.0	1979.0	10.933667
19	3	69.9	17	1613.0	1831.0	11.947445

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	75.9	14	-	-	0.437242
2	3	69.5	19	1818.0	1652.0	1.207729
3	1	64.7	19	-	-	2.328381
4	2	79.7	7	1481.0	-	3.299605
5	1	50.7	8	-	-	4.895492
6	1	79.4	5	-	-	5.607446
7	2	92.2	10	1372.0	-	6.133184
8	3	80.5	13	1760.0	1531.0	7.150355
9	2	82.4	11	1347.0	-	8.169182
10	3	83.0	14	1318.0	1318.0	9.452215
11	2	58.6	15	1686.0	-	10.340525
12	1	56.9	11	-	-	11.927118

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	89.7	16	1538.0	-	1.293897
2	2	57.9	19	1144.0	-	2.128523
3	2	60.4	8	1315.0	-	3.417985
4	3	92.1	14	1367.0	1070.0	5.132224
5	3	72.0	8	1283.0	1496.0	5.810885
6	3	83.3	8	1611.0	1837.0	7.931897
7	2	75.5	12	1901.0	-	8.068194
8	2	58.0	14	1040.0	-	9.943673
9	3	50.8	17	1859.0	1843.0	10.678352

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.6	17	-	-	0.337872
2	1	66.4	7	-	-	1.095271
3	2	95.2	11	1909.0	-	2.421037
4	2	50.1	15	1476.0	-	3.133213
5	2	79.5	15	1435.0	-	4.099586
6	1	65.1	12	-	-	5.144767
7	2	55.2	14	1920.0	-	6.082339
8	1	59.9	13	-	-	7.295285
9	1	64.7	14	-	-	8.247871
10	3	98.4	18	1296.0	1766.0	9.162780
11	1	52.1	15	-	-	9.923406
12	3	61.0	18	1602.0	1546.0	10.468445
13	2	87.0	12	1461.0	-	11.766925

<b>Table 104 - Long Sequence Waveform Trial#12 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	98.9	6	1806.0	1290.0	0.572380
2	3	75.6	10	1757.0	1305.0	0.996919
3	2	61.9	11	1535.0	-	1.437403
4	1	78.7	17	-	-	2.562282
5	2	98.3	13	1419.0	-	2.776214
6	3	72.1	8	1095.0	1317.0	3.618782
7	1	58.0	8	-	-	4.032576
8	2	50.7	7	1945.0	-	4.731431
9	2	63.3	7	1517.0	-	5.900626
10	3	65.5	17	1592.0	1223.0	6.058404
11	1	71.4	15	-	-	7.247213
12	2	78.4	16	1340.0	-	7.351066
13	1	56.7	13	-	-	8.292889
14	2	71.5	10	1345.0	-	9.052340
15	2	67.8	19	1735.0	-	9.789275
16	2	66.3	5	1977.0	-	10.273102
17	2	54.4	11	1732.0	-	10.699293
18	1	68.4	7	-	-	11.929281

<b>Table 105 - Long Sequence Waveform Trial#13 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.7	18	1372.0	-	0.303537
2	3	93.4	19	1851.0	1900.0	0.649863
3	3	58.8	16	1114.0	1714.0	1.277316
4	2	94.2	17	1420.0	-	2.245341
5	1	54.4	9	-	-	2.747222
6	2	97.0	16	1063.0	-	3.607358
7	1	50.7	15	-	-	4.242193
8	3	55.4	11	1430.0	1847.0	4.935977
9	2	92.2	15	1108.0	-	5.366619
10	2	71.0	15	1868.0	-	5.862768
11	2	50.1	16	1702.0	-	6.699148
12	1	72.6	14	-	-	7.230499
13	2	75.8	19	1866.0	-	7.852714
14	2	66.2	15	1256.0	-	8.478609
15	2	75.9	12	1393.0	-	8.959546
16	2	86.9	11	1942.0	-	9.974941
17	2	93.4	13	1080.0	-	10.200944
18	1	96.8	16	-	-	11.156668
19	3	98.4	8	1606.0	1647.0	11.432112

Table 106 - Long Sequence Waveform Trial#14 (NOT Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	97.7	18	-	-	0.266079
2	1	79.6	17	-	-	1.053919
3	2	80.0	15	1090.0	-	1.738469
4	2	61.8	15	1713.0	-	2.888749
5	3	91.0	11	1754.0	1888.0	3.890143
6	1	59.9	18	-	-	4.539949
7	2	75.5	20	1509.0	-	5.301474
8	1	82.0	8	-	-	5.624421
9	2	93.6	16	1692.0	-	7.056598
10	1	56.5	18	-	-	7.327769
11	1	89.9	16	-	-	8.718219
12	2	91.0	15	1005.0	-	8.853190
13	2	99.0	14	1757.0	-	10.226952
14	2	52.3	7	1670.0	-	10.824530
15	1	89.3	11	-	-	11.546920

Table 107 - Long Sequence Waveform Trial#15 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	52.8	13	1611.0	-	0.221641
2	3	56.5	10	1868.0	1351.0	1.011902
3	2	79.9	16	1750.0	-	1.324028
4	2	55.6	10	1580.0	-	2.144660
5	2	93.2	16	1356.0	-	2.974005
6	3	98.4	15	1328.0	1753.0	3.619116
7	3	55.0	17	1696.0	1219.0	4.211760
8	1	72.8	6	-	-	5.043797
9	3	51.7	18	1958.0	1687.0	5.147211
10	3	66.5	16	1487.0	1657.0	5.967927
11	1	64.5	13	-	-	6.374973
12	1	60.8	17	-	-	7.439100
13	2	88.6	8	1414.0	-	7.590026
14	2	97.6	12	1688.0	-	8.463925
15	1	78.7	6	-	-	9.345611
16	3	62.2	6	1335.0	1605.0	9.772582
17	1	54.8	17	-	-	10.406645
18	2	91.1	10	1293.0	-	11.103209
19	2	50.2	8	1999.0	-	11.805209

<b>Table 108 - Long Sequence Waveform Trial#16 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.7	19	1081.0	-	0.367230
2	3	74.1	10	1176.0	1254.0	1.290004
3	1	99.4	15	-	-	1.470284
4	2	88.8	17	1626.0	-	2.535128
5	2	51.7	15	1158.0	-	3.235720
6	1	97.5	17	-	-	3.954032
7	2	98.9	10	1751.0	-	4.792600
8	3	66.1	10	1768.0	1355.0	5.030864
9	2	69.2	10	1883.0	-	5.686676
10	2	87.8	18	1237.0	-	6.425710
11	1	91.3	8	-	-	7.497830
12	3	72.2	20	1412.0	1264.0	8.029517
13	3	84.1	8	1837.0	1031.0	8.734706
14	2	64.6	12	1887.0	-	9.485638
15	2	62.3	11	1972.0	-	10.002676
16	3	97.8	15	1492.0	1214.0	11.033803
17	2	58.3	14	1786.0	-	11.850226

<b>Table 109 - Long Sequence Waveform Trial#17 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.2	8	1579.0	-	0.051064
2	1	83.5	12	-	-	1.948425
3	3	87.6	19	1035.0	1166.0	3.734408
4	1	56.5	6	-	-	4.579082
5	1	69.1	17	-	-	6.333877
6	2	52.5	15	1970.0	-	8.833932
7	1	53.6	14	-	-	9.556045
8	2	68.6	18	1637.0	-	11.040640

<b>Table 110 - Long Sequence Waveform Trial#18 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.2	14	1292.0	-	0.088469
2	2	79.9	15	1532.0	-	1.466682
3	3	87.7	9	1746.0	1100.0	3.881200
4	2	82.1	11	1062.0	-	4.253840
5	1	82.8	17	-	-	5.491059
6	2	58.1	16	1095.0	-	7.067982
7	3	56.0	7	1753.0	1266.0	8.668415
8	1	95.7	16	-	-	10.500134
9	3	85.2	11	1408.0	1299.0	11.583406

<b>Table 111 - Long Sequence Waveform Trial#19 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	92.7	6	1825.0	1578.0	0.641002
2	2	58.3	12	1930.0	-	1.086832
3	2	89.1	11	1037.0	-	1.508070
4	2	70.3	5	1019.0	-	2.440682
5	3	83.9	18	1822.0	1001.0	2.834254
6	2	71.1	10	1891.0	-	3.900503
7	2	51.5	20	1744.0	-	4.298086
8	3	51.2	18	1323.0	1228.0	5.598463
9	3	74.4	6	1291.0	1394.0	6.223887
10	2	58.4	19	1045.0	-	6.472354
11	2	54.8	10	1916.0	-	7.464498
12	3	98.4	8	1616.0	1362.0	8.203437
13	1	52.2	20	-	-	8.776103
14	2	54.5	18	1430.0	-	9.436724
15	2	56.8	20	1013.0	-	10.497154
16	2	82.2	9	1330.0	-	10.665588
17	1	80.2	15	-	-	11.548570

<b>Table 112 - Long Sequence Waveform Trial#20 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.5	8	1900.0	-	0.621956
2	1	76.2	17	-	-	0.887758
3	3	99.4	15	1208.0	1021.0	1.432847
4	2	97.3	18	1329.0	-	2.289204
5	3	68.5	13	1571.0	1591.0	3.125113
6	3	52.7	19	1076.0	1398.0	3.264162
7	1	99.6	6	-	-	3.957323
8	2	96.7	5	1135.0	-	5.023737
9	2	99.5	17	1543.0	-	5.116795
10	3	97.6	14	1503.0	1025.0	5.909886
11	2	70.3	7	1901.0	-	6.324704
12	3	78.1	12	1371.0	1147.0	7.219943
13	1	59.5	14	-	-	7.663284
14	2	62.8	9	1287.0	-	8.253227
15	2	83.5	17	1290.0	-	9.157557
16	3	93.2	5	1593.0	1234.0	10.065740
17	1	77.5	13	-	-	10.442017
18	3	94.1	6	1682.0	1029.0	10.989515
19	3	91.7	6	1691.0	1091.0	11.693918

<b>Table 113 - Long Sequence Waveform Trial#21 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.0	14	1517.0	-	0.744758
2	2	73.9	13	1533.0	-	1.333992
3	2	84.7	15	1539.0	-	2.819700
4	3	52.5	8	1838.0	1494.0	4.371269
5	2	83.4	11	1999.0	-	5.834494
6	3	82.5	17	1720.0	1532.0	6.741653
7	2	88.2	13	1427.0	-	7.515378
8	1	60.9	15	-	-	9.276578
9	2	51.6	18	1336.0	-	10.762327
10	3	56.7	10	1055.0	1939.0	11.453327

<b>Table 114 - Long Sequence Waveform Trial#22 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.8	9	1696.0	-	0.505116
2	2	66.3	17	1490.0	-	1.018127
3	1	72.7	10	-	-	2.325623
4	2	68.8	10	1848.0	-	3.342621
5	1	71.9	17	-	-	4.642481
6	2	89.0	11	1782.0	-	5.957671
7	2	51.8	16	1671.0	-	6.075248
8	2	87.1	18	1811.0	-	7.586829
9	1	87.3	11	-	-	8.241909
10	1	54.2	17	-	-	9.778842
11	3	68.0	17	1978.0	1672.0	10.139964
12	2	96.9	10	1063.0	-	11.722342

<b>Table 115 - Long Sequence Waveform Trial#23 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	78.0	17	1238.0	-	0.456690
2	3	51.2	13	1466.0	1746.0	1.529314
3	1	94.9	8	-	-	3.123379
4	2	82.6	8	1269.0	-	4.163332
5	2	62.7	8	1357.0	-	5.565392
6	2	81.8	11	1728.0	-	6.820426
7	2	52.7	19	1542.0	-	7.324437
8	2	68.2	12	1701.0	-	8.759324
9	2	58.4	15	1974.0	-	10.460786
10	3	97.8	8	1652.0	1481.0	11.273920

<b>Table 116 - Long Sequence Waveform Trial#24 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.4	9	1985.0	-	0.530105
2	2	51.6	7	1844.0	-	1.258296
3	2	84.2	9	1938.0	-	1.535905
4	3	73.6	19	1272.0	1051.0	2.445801
5	3	97.4	14	1312.0	1441.0	3.719508
6	2	69.3	6	1932.0	-	4.148129
7	1	70.1	7	-	-	5.234229
8	3	76.0	15	1491.0	1887.0	5.575858
9	2	76.1	10	1577.0	-	6.082378
10	2	52.1	8	1842.0	-	7.043527
11	2	50.2	12	1130.0	-	7.651250
12	2	69.9	6	1373.0	-	8.911407
13	2	66.4	10	1748.0	-	9.036074
14	1	57.9	12	-	-	10.360125
15	2	88.6	17	1868.0	-	11.193931
16	1	92.5	10	-	-	11.511723

<b>Table 117 - Long Sequence Waveform Trial#25 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	77.1	7	-	-	0.775937
2	1	82.9	9	-	-	1.169323
3	2	66.9	9	1823.0	-	2.725303
4	2	91.9	9	1344.0	-	3.351320
5	1	52.4	19	-	-	4.639122
6	2	84.3	12	1953.0	-	5.475786
7	1	94.5	17	-	-	6.103056
8	2	51.2	13	1889.0	-	7.836840
9	3	61.0	19	1286.0	1900.0	8.725459
10	2	84.4	6	1126.0	-	9.611516
11	2	67.0	16	1736.0	-	10.759972
12	3	90.8	11	1307.0	1317.0	11.301962



<b>Table 118 - Long Sequence Waveform Trial#26 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	59.5	5	1004.0	-	0.463058
2	2	53.1	13	1006.0	-	1.643332
3	1	67.6	14	-	-	2.650126
4	2	90.5	7	1531.0	-	2.995426
5	2	96.1	17	1901.0	-	3.842666
6	2	95.0	8	1495.0	-	4.635370
7	3	50.7	15	1307.0	1806.0	6.348095
8	3	79.8	18	1459.0	1943.0	6.615374
9	3	73.7	20	1734.0	1585.0	8.096515
10	2	82.0	17	1737.0	-	9.197784
11	3	52.6	18	1077.0	1857.0	9.707908
12	2	93.3	8	1023.0	-	11.002753
13	2	73.4	17	1510.0	-	11.681241

<b>Table 119 - Long Sequence Waveform Trial#27 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.3	8	1162.0	-	0.447746
2	1	78.7	9	-	-	0.986789
3	2	91.7	8	1610.0	-	2.294994
4	1	70.8	20	-	-	2.781687
5	2	79.3	8	1327.0	-	3.668839
6	3	68.0	18	1635.0	1962.0	4.580103
7	1	78.2	17	-	-	5.587718
8	2	65.4	7	1002.0	-	5.692129
9	2	56.8	13	1127.0	-	7.091346
10	1	76.1	10	-	-	7.274029
11	1	77.9	10	-	-	8.262435
12	3	67.6	8	1938.0	1936.0	9.067137
13	3	96.8	20	1053.0	1344.0	9.604163
14	1	79.6	10	-	-	10.601340
15	2	56.7	5	1924.0	-	11.423455

<b>Table 120 - Long Sequence Waveform Trial#28 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	94.4	7	-	-	0.265022
2	1	82.2	18	-	-	1.470594
3	2	52.6	10	1193.0	-	2.221915
4	3	62.1	10	1924.0	1273.0	2.356257
5	3	59.8	17	1995.0	1178.0	3.253030
6	2	84.9	9	1692.0	-	4.325421
7	2	61.9	11	1853.0	-	4.686506
8	2	66.7	18	1488.0	-	5.556205
9	2	70.5	6	1576.0	-	6.496512
10	2	93.9	16	1283.0	-	7.281806
11	2	62.4	14	1126.0	-	7.787645
12	1	75.5	13	-	-	8.639280
13	3	73.6	9	1773.0	1405.0	9.137963
14	1	91.5	14	-	-	9.980741
15	1	53.5	17	-	-	10.584821
16	2	63.9	19	1654.0	-	11.546898

<b>Table 121 - Long Sequence Waveform Trial#29 (Detected) 40MHz</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	67.5	10	1851.0	1886.0	0.620515
2	1	79.2	9	-	-	0.777946
3	1	58.9	18	-	-	1.873301
4	2	87.1	13	1702.0	-	2.685614
5	2	85.1	18	1016.0	-	3.433261
6	2	57.4	12	1604.0	-	3.808270
7	1	50.5	5	-	-	4.350101
8	3	57.3	19	1804.0	1510.0	5.129154
9	2	79.5	9	1883.0	-	5.731984
10	2	81.7	9	1985.0	-	6.951407
11	3	71.7	17	2000.0	1318.0	7.582698
12	1	62.1	18	-	-	8.309991
13	3	73.1	10	1007.0	1047.0	8.544132
14	1	59.6	8	-	-	9.584478
15	2	60.1	8	1679.0	-	10.199303
16	3	81.3	10	1939.0	1887.0	11.229025
17	3	60.1	18	1061.0	1892.0	11.586322

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.5	19	1226.0	-	0.941846
2	3	84.1	17	1873.0	1849.0	1.611550
3	1	88.2	12	-	-	3.720295
4	2	74.9	6	1415.0	-	4.721646
5	3	58.9	8	1959.0	1858.0	5.975295
6	2	56.9	12	1282.0	-	6.774921
7	1	88.0	19	-	-	9.247121
8	3	66.0	12	1992.0	1332.0	9.718101
9	2	55.5	11	1159.0	-	11.495920

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5657, 5511, 5687, 5306, 5559, 5660, 5300, 5302, 5323, 5722, 5255, 5711, 5604, 5640, 5635, 5686, 5290, 5683, 5389, 5698, 5667, 5652, 5459, 5603, 5320, 5694, 5688, 5632, 5577, 5349, 5523, 5631, 5436, 5606, 5404, 5345, 5543, 5707, 5548, 5279, 5545, 5695, 5270, 5650, 5423, 5508, 5599, 5451, 5271, 5659, 5369, 5704, 5382, 5585, 5430, 5370, 5693, 5361, 5677, 5636, 5480, 5679, 5264, 5542, 5454, 5597, 5500, 5529, 5490, 5565, 5275, 5710, 5531, 5663, 5421, 5372, 5325, 5668, 5350, 5477, 5301, 5338, 5456, 5254, 5305, 5602, 5568, 5337, 5439, 5654, 5553, 5589, 5509, 5413, 5684, 5399, 5482, 5252, 5316, 5557 (6 hits)
2	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5278, 5650, 5313, 5256, 5422, 5387, 5681, 5297, 5396, 5280, 5394, 5615, 5680, 5377, 5647, 5309, 5350, 5640, 5362, 5511, 5298, 5406, 5332, 5591, 5569, 5521, 5339, 5706, 5467, 5337, 5403, 5659, 5558, 5285, 5372, 5531, 5601, 5346, 5452, 5719, 5716, 5252, 5556, 5622, 5250, 5333, 5461, 5475, 5579, 5638, 5542, 5257, 5258, 5329, 5665, 5469, 5603, 5357, 5667, 5715, 5712, 5654, 5661, 5597, 5315, 5500, 5678, 5600, 5340, 5472, 5526, 5413, 5720, 5723, 5498, 5522, 5517, 5473, 5408, 5270, 5535, 5367, 5302, 5388, 5676, 5399, 5310, 5421, 5446, 5721, 5536, 5699, 5567, 5668, 5354, 5356, 5501, 5689, 5378, 5529 (9 hits)
3	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5722, 5457, 5583, 5518, 5408, 5309, 5592, 5321, 5277, 5425, 5655, 5566, 5289, 5546, 5629, 5681, 5570, 5405, 5513, 5278, 5293, 5567, 5471, 5251, 5490, 5705, 5694, 5292, 5724, 5620, 5417, 5685, 5332, 5371, 5635, 5568, 5484, 5438, 5506,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5565, 5549, 5664, 5676, 5424, 5397, 5645, 5314, 5475, 5666, 5333, 5387, 5696, 5411, 5622, 5400, 5717, 5646, 5605, 5428, 5460, 5265, 5369, 5511, 5359, 5633, 5345, 5637, 5615, 5606, 5612, 5700, 5270, 5466, 5548, 5282, 5272, 5503, 5305, 5326, 5377, 5618, 5477, 5433, 5695, 5588, 5683, 5330, 5669, 5344, 5672, 5254, 5288, 5465, 5255, 5414, 5388, 5435, 5544, 5304, 5353 (5 hits)
4	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5266, 5510, 5323, 5508, 5499, 5378, 5656, 5452, 5420, 5710, 5442, 5284, 5469, 5345, 5567, 5661, 5406, 5726, 5252, 5653, 5540, 5631, 5515, 5680, 5712, 5421, 5367, 5642, 5696, 5536, 5571, 5685, 5633, 5439, 5471, 5548, 5594, 5506, 5448, 5665, 5553, 5475, 5263, 5443, 5366, 5616, 5572, 5482, 5588, 5689, 5718, 5595, 5360, 5296, 5334, 5688, 5270, 5599, 5544, 5253, 5275, 5389, 5690, 5440, 5317, 5276, 5589, 5517, 5711, 5301, 5422, 5399, 5283, 5622, 5676, 5651, 5526, 5601, 5666, 5668, 5507, 5519, 5638, 5673, 5385, 5341, 5455, 5291, 5615, 5390, 5386, 5322, 5346, 5468, 5393, 5289, 5714, 5489, 5586, 5530 (9 hits)
5	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5489, 5557, 5553, 5716, 5595, 5624, 5562, 5262, 5601, 5703, 5686, 5577, 5434, 5477, 5723, 5497, 5326, 5261, 5620, 5253, 5583, 5331, 5377, 5519, 5597, 5334, 5415, 5492, 5318, 5614, 5296, 5283, 5587, 5255, 5312, 5392, 5421, 5432, 5333, 5279, 5476, 5486, 5446, 5685, 5282, 5483, 5567, 5408, 5424, 5360, 5264, 5317, 5611, 5431, 5479, 5381, 5523, 5382, 5540, 5250, 5510, 5407, 5591, 5292, 5522, 5384, 5644, 5413, 5709, 5509, 5589, 5469, 5697, 5452, 5623, 5552, 5607, 5602, 5724, 5439, 5502, 5260, 5393, 5368, 5496, 5383, 5295, 5635, 5596, 5328, 5516, 5677, 5445, 5300, 5364, 5254, 5525, 5441, 5704, 5458 (11 hits)
6	9	1.0	333.0	Yes	5515.0MHz, -64.0dBm	Hop sequence: 5509, 5627, 5414, 5678, 5337, 5645, 5301, 5367, 5279, 5409, 5396, 5452, 5523, 5484, 5595, 5526, 5543, 5654, 5511, 5256, 5393, 5720, 5441, 5458, 5311, 5519, 5671, 5333, 5314, 5480, 5293, 5362, 5438, 5698, 5276, 5411, 5285, 5306, 5674, 5497, 5718, 5353, 5649, 5395, 5343, 5375, 5295, 5638, 5387, 5437, 5364, 5378, 5462, 5564, 5427, 5436, 5659, 5642, 5489, 5680, 5663, 5630, 5573, 5700, 5515, 5355, 5665, 5652, 5690, 5596, 5263, 5535, 5635, 5567, 5451, 5708, 5278, 5576, 5495, 5479, 5561,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5493, 5398, 5327, 5265, 5309, 5521, 5571, 5651, 5724, 5403, 5716, 5688, 5675, 5695, 5420, 5261, 5631, 5253, 5432 (10 hits)
7	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5615, 5575, 5693, 5605, 5493, 5509, 5364, 5563, 5525, 5528, 5475, 5375, 5674, 5630, 5396, 5264, 5543, 5409, 5676, 5619, 5258, 5526, 5482, 5324, 5539, 5362, 5334, 5369, 5516, 5388, 5330, 5508, 5518, 5720, 5592, 5365, 5557, 5368, 5462, 5407, 5601, 5297, 5427, 5296, 5636, 5707, 5333, 5625, 5620, 5251, 5288, 5507, 5597, 5517, 5443, 5354, 5653, 5529, 5640, 5492, 5494, 5495, 5485, 5556, 5583, 5277, 5379, 5256, 5634, 5548, 5480, 5279, 5680, 5519, 5320, 5504, 5644, 5683, 5501, 5612, 5451, 5299, 5617, 5577, 5303, 5386, 5400, 5317, 5281, 5419, 5609, 5349, 5716, 5345, 5692, 5491, 5726, 5253, 5681, 5421 (18 hits)
8	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5456, 5386, 5654, 5432, 5689, 5596, 5467, 5285, 5460, 5388, 5328, 5660, 5574, 5498, 5638, 5483, 5582, 5463, 5297, 5490, 5542, 5694, 5724, 5546, 5700, 5442, 5261, 5514, 5530, 5452, 5427, 5446, 5597, 5725, 5418, 5619, 5279, 5672, 5557, 5713, 5709, 5444, 5288, 5348, 5343, 5454, 5309, 5341, 5710, 5383, 5669, 5540, 5377, 5526, 5437, 5664, 5576, 5445, 5378, 5301, 5686, 5652, 5723, 5599, 5492, 5277, 5598, 5475, 5661, 5691, 5696, 5561, 5586, 5381, 5715, 5462, 5533, 5327, 5629, 5393, 5416, 5717, 5486, 5265, 5580, 5274, 5621, 5470, 5666, 5287, 5680, 5300, 5667, 5251, 5581, 5494, 5472, 5450, 5353, 5702 (5 hits)
9	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5724, 5320, 5548, 5308, 5504, 5316, 5367, 5349, 5538, 5328, 5627, 5535, 5683, 5711, 5291, 5594, 5545, 5297, 5271, 5632, 5290, 5385, 5640, 5551, 5458, 5447, 5692, 5450, 5374, 5520, 5702, 5387, 5635, 5441, 5332, 5401, 5553, 5425, 5610, 5623, 5416, 5469, 5253, 5661, 5667, 5681, 5583, 5577, 5525, 5368, 5593, 5339, 5690, 5599, 5537, 5487, 5259, 5276, 5372, 5386, 5365, 5427, 5315, 5581, 5270, 5434, 5346, 5280, 5696, 5354, 5371, 5657, 5444, 5460, 5569, 5408, 5335, 5604, 5449, 5718, 5261, 5298, 5417, 5311, 5486, 5477, 5393, 5279, 5629, 5452, 5515, 5567, 5439, 5359, 5423, 5663, 5369, 5251, 5318, 5620 (4 hits)
10	9	1.0	333.0	Yes	5519.0MHz, -64.0dBm	Hop sequence: 5630, 5255, 5688, 5498, 5622, 5461, 5435, 5502, 5566, 5268, 5593, 5464, 5414, 5290, 5642,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5528, 5361, 5364, 5490, 5262, 5488, 5696, 5660, 5320, 5446, 5695, 5474, 5586, 5354, 5716, 5703, 5265, 5366, 5281, 5399, 5276, 5380, 5701, 5374, 5610, 5644, 5322, 5282, 5343, 5521, 5667, 5693, 5405, 5391, 5357, 5471, 5416, 5576, 5393, 5258, 5690, 5469, 5558, 5368, 5538, 5271, 5592, 5647, 5313, 5372, 5307, 5645, 5616, 5624, 5518, 5453, 5582, 5465, 5284, 5524, 5611, 5419, 5302, 5634, 5572, 5551, 5652, 5355, 5559, 5292, 5573, 5467, 5445, 5587, 5591, 5549, 5511, 5300, 5346, 5291, 5401, 5669, 5606, 5618, 5365 (7 hits)
11	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5520, 5548, 5558, 5428, 5430, 5317, 5588, 5382, 5326, 5439, 5689, 5352, 5255, 5467, 5637, 5282, 5591, 5368, 5529, 5708, 5630, 5668, 5589, 5470, 5466, 5388, 5434, 5455, 5613, 5604, 5648, 5535, 5270, 5481, 5651, 5283, 5272, 5403, 5567, 5390, 5628, 5525, 5547, 5427, 5644, 5279, 5325, 5411, 5598, 5421, 5573, 5666, 5478, 5344, 5416, 5373, 5375, 5444, 5491, 5536, 5582, 5313, 5676, 5328, 5694, 5572, 5658, 5623, 5372, 5656, 5493, 5507, 5607, 5250, 5379, 5351, 5350, 5680, 5362, 5580, 5562, 5649, 5652, 5540, 5639, 5431, 5417, 5500, 5321, 5369, 5643, 5699, 5698, 5494, 5498, 5488, 5254, 5705, 5381, 5625 (9 hits)
12	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5711, 5256, 5494, 5495, 5277, 5650, 5318, 5329, 5488, 5604, 5266, 5703, 5370, 5681, 5575, 5612, 5391, 5704, 5542, 5662, 5330, 5439, 5543, 5433, 5302, 5659, 5268, 5260, 5276, 5419, 5661, 5363, 5563, 5393, 5307, 5567, 5683, 5331, 5315, 5422, 5558, 5517, 5365, 5258, 5511, 5375, 5512, 5519, 5389, 5628, 5300, 5569, 5515, 5657, 5636, 5383, 5673, 5725, 5407, 5679, 5614, 5501, 5698, 5337, 5324, 5454, 5633, 5629, 5555, 5712, 5534, 5548, 5525, 5395, 5471, 5434, 5364, 5549, 5366, 5513, 5697, 5385, 5643, 5669, 5465, 5416, 5342, 5509, 5473, 5497, 5312, 5283, 5702, 5610, 5482, 5290, 5550, 5289, 5278, 5303 (12 hits)
13	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5691, 5708, 5704, 5722, 5607, 5444, 5290, 5257, 5627, 5450, 5703, 5294, 5400, 5537, 5255, 5540, 5589, 5581, 5684, 5364, 5518, 5694, 5611, 5367, 5387, 5260, 5379, 5370, 5590, 5354, 5511, 5358, 5673, 5678, 5709, 5594, 5318, 5335, 5421, 5570, 5623, 5725, 5419, 5452, 5686, 5313, 5688, 5284, 5666, 5658, 5571, 5362, 5406, 5503, 5484, 5586, 5365,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5251, 5639, 5541, 5399, 5360, 5328, 5302, 5714, 5657, 5500, 5552, 5409, 5443, 5256, 5445, 5572, 5292, 5713, 5252, 5640, 5608, 5254, 5706, 5442, 5643, 5297, 5271, 5449, 5317, 5480, 5402, 5454, 5392, 5397, 5466, 5321, 5272, 5366, 5557, 5622, 5273, 5664, 5624 (4 hits)
14	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5416, 5707, 5486, 5539, 5536, 5361, 5575, 5572, 5278, 5506, 5337, 5719, 5263, 5713, 5319, 5594, 5621, 5612, 5281, 5629, 5341, 5311, 5442, 5606, 5664, 5284, 5695, 5306, 5423, 5436, 5686, 5315, 5277, 5630, 5443, 5492, 5464, 5523, 5294, 5301, 5270, 5645, 5476, 5305, 5367, 5296, 5285, 5429, 5289, 5599, 5632, 5685, 5530, 5652, 5448, 5600, 5334, 5309, 5617, 5620, 5542, 5553, 5467, 5438, 5640, 5262, 5699, 5512, 5583, 5297, 5561, 5300, 5623, 5339, 5331, 5352, 5718, 5469, 5622, 5253, 5465, 5551, 5275, 5499, 5292, 5303, 5332, 5675, 5484, 5293, 5481, 5495, 5521, 5450, 5265, 5374, 5410, 5489, 5468, 5532 (7 hits)
15	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5343, 5453, 5553, 5332, 5568, 5309, 5357, 5479, 5312, 5271, 5450, 5594, 5417, 5662, 5266, 5672, 5278, 5274, 5480, 5602, 5471, 5500, 5275, 5705, 5486, 5426, 5688, 5656, 5282, 5588, 5666, 5670, 5523, 5319, 5631, 5548, 5520, 5445, 5648, 5498, 5394, 5538, 5366, 5663, 5507, 5431, 5418, 5360, 5627, 5591, 5583, 5567, 5259, 5377, 5387, 5528, 5562, 5367, 5460, 5273, 5628, 5436, 5262, 5296, 5442, 5619, 5534, 5440, 5260, 5605, 5342, 5697, 5586, 5702, 5614, 5353, 5693, 5564, 5374, 5267, 5405, 5639, 5647, 5590, 5294, 5687, 5629, 5447, 5441, 5637, 5517, 5339, 5411, 5270, 5313, 5650, 5315, 5330, 5351, 5490 (7 hits)
16	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5558, 5432, 5279, 5267, 5506, 5664, 5367, 5481, 5470, 5494, 5261, 5307, 5581, 5579, 5302, 5625, 5334, 5262, 5587, 5337, 5559, 5699, 5575, 5528, 5659, 5678, 5525, 5323, 5486, 5320, 5523, 5429, 5566, 5715, 5263, 5454, 5388, 5416, 5567, 5576, 5672, 5603, 5580, 5501, 5489, 5718, 5696, 5652, 5598, 5572, 5595, 5577, 5336, 5556, 5339, 5256, 5561, 5295, 5615, 5465, 5312, 5686, 5274, 5527, 5563, 5343, 5640, 5292, 5316, 5417, 5457, 5313, 5513, 5366, 5266, 5379, 5456, 5252, 5451, 5469, 5380, 5378, 5684, 5403, 5531, 5495, 5346, 5714, 5548, 5328, 5410, 5251, 5466, 5532, 5485, 5291, 5586, 5287, 5362,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5423 (9 hits)
17	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5707, 5421, 5481, 5697, 5349, 5285, 5258, 5511, 5506, 5494, 5261, 5535, 5514, 5625, 5452, 5425, 5603, 5335, 5333, 5480, 5606, 5510, 5660, 5632, 5306, 5327, 5471, 5422, 5345, 5292, 5680, 5313, 5515, 5638, 5423, 5361, 5339, 5529, 5615, 5486, 5617, 5431, 5594, 5305, 5554, 5578, 5266, 5546, 5324, 5264, 5428, 5576, 5525, 5590, 5720, 5564, 5279, 5687, 5618, 5560, 5530, 5544, 5403, 5580, 5294, 5274, 5714, 5311, 5537, 5547, 5636, 5701, 5667, 5433, 5420, 5614, 5509, 5298, 5497, 5685, 5575, 5269, 5331, 5441, 5363, 5670, 5523, 5354, 5601, 5648, 5568, 5301, 5505, 5723, 5561, 5413, 5643, 5307, 5675, 5412 (12 hits)
18	9	1.0	333.0	Yes	5527.0MHz, -64.0dBm	Hop sequence: 5558, 5616, 5422, 5607, 5521, 5359, 5495, 5268, 5369, 5315, 5707, 5651, 5657, 5396, 5562, 5458, 5612, 5373, 5652, 5577, 5720, 5436, 5291, 5259, 5525, 5346, 5277, 5461, 5659, 5722, 5554, 5432, 5545, 5480, 5404, 5318, 5531, 5514, 5462, 5725, 5691, 5324, 5624, 5439, 5570, 5466, 5556, 5604, 5503, 5368, 5401, 5469, 5448, 5294, 5283, 5327, 5487, 5459, 5441, 5254, 5673, 5255, 5457, 5478, 5475, 5449, 5639, 5285, 5279, 5697, 5708, 5473, 5585, 5539, 5519, 5348, 5367, 5581, 5427, 5416, 5420, 5664, 5414, 5661, 5357, 5715, 5610, 5361, 5386, 5609, 5383, 5669, 5435, 5395, 5721, 5392, 5418, 5642, 5403, 5635 (6 hits)
19	9	1.0	333.0	Yes	5528.0MHz, -64.0dBm	Hop sequence: 5534, 5662, 5407, 5562, 5516, 5706, 5512, 5569, 5499, 5722, 5547, 5635, 5269, 5533, 5484, 5632, 5581, 5585, 5329, 5551, 5593, 5281, 5490, 5448, 5528, 5604, 5363, 5388, 5716, 5309, 5619, 5559, 5543, 5501, 5485, 5301, 5609, 5446, 5702, 5461, 5725, 5257, 5352, 5723, 5623, 5359, 5470, 5295, 5538, 5433, 5720, 5371, 5264, 5661, 5310, 5668, 5652, 5353, 5523, 5546, 5630, 5646, 5526, 5273, 5405, 5695, 5540, 5597, 5517, 5362, 5396, 5398, 5614, 5384, 5298, 5577, 5553, 5522, 5611, 5498, 5691, 5323, 5400, 5589, 5578, 5617, 5294, 5508, 5705, 5556, 5541, 5382, 5602, 5493, 5344, 5284, 5605, 5657, 5599, 5687 (12 hits)
20	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5673, 5280, 5544, 5281, 5620, 5539, 5453, 5541, 5413, 5450, 5329, 5336, 5499, 5502, 5460, 5710, 5312, 5325, 5372, 5469, 5274, 5542, 5652, 5377, 5567, 5250, 5662, 5349, 5434, 5586, 5461, 5665, 5404,



Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5314, 5446, 5552, 5403, 5474, 5536, 5471, 5328, 5473, 5599, 5358, 5290, 5562, 5287, 5670, 5407, 5360, 5704, 5642, 5512, 5311, 5419, 5462, 5513, 5452, 5364, 5319, 5303, 5618, 5425, 5518, 5480, 5702, 5659, 5609, 5682, 5680, 5338, 5724, 5426, 5685, 5677, 5340, 5716, 5351, 5683, 5653, 5565, 5447, 5455, 5465, 5300, 5491, 5631, 5487, 5441, 5297, 5277, 5373, 5533, 5641, 5689, 5391, 5651, 5706, 5699, 5400 (6 hits)
21	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5447, 5450, 5695, 5683, 5397, 5286, 5714, 5498, 5528, 5462, 5514, 5649, 5694, 5542, 5535, 5632, 5261, 5494, 5270, 5273, 5588, 5697, 5280, 5548, 5378, 5565, 5309, 5405, 5629, 5664, 5611, 5721, 5675, 5369, 5615, 5584, 5298, 5485, 5396, 5547, 5476, 5477, 5429, 5596, 5677, 5290, 5707, 5583, 5444, 5541, 5306, 5607, 5585, 5620, 5621, 5483, 5612, 5702, 5558, 5337, 5414, 5651, 5408, 5449, 5499, 5362, 5562, 5718, 5526, 5440, 5594, 5540, 5375, 5527, 5503, 5507, 5458, 5410, 5719, 5363, 5317, 5666, 5252, 5644, 5480, 5314, 5704, 5412, 5672, 5606, 5502, 5703, 5661, 5351, 5554, 5323, 5352, 5552, 5307, 5324 (10 hits)
22	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5442, 5652, 5631, 5459, 5356, 5375, 5259, 5266, 5390, 5323, 5407, 5587, 5399, 5538, 5511, 5550, 5705, 5699, 5491, 5662, 5340, 5639, 5462, 5501, 5597, 5400, 5657, 5533, 5700, 5557, 5425, 5612, 5586, 5578, 5695, 5359, 5653, 5379, 5393, 5591, 5694, 5717, 5344, 5317, 5305, 5535, 5613, 5283, 5330, 5665, 5254, 5387, 5719, 5561, 5498, 5298, 5676, 5668, 5547, 5468, 5349, 5388, 5262, 5601, 5559, 5640, 5440, 5413, 5670, 5628, 5309, 5446, 5475, 5269, 5318, 5654, 5380, 5495, 5720, 5680, 5304, 5562, 5300, 5435, 5552, 5632, 5573, 5432, 5467, 5461, 5436, 5516, 5368, 5255, 5715, 5443, 5472, 5284, 5287, 5698 (6 hits)
23	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5431, 5618, 5674, 5521, 5533, 5473, 5410, 5630, 5354, 5396, 5658, 5605, 5454, 5285, 5264, 5667, 5333, 5668, 5529, 5296, 5468, 5600, 5294, 5506, 5647, 5327, 5382, 5478, 5421, 5632, 5272, 5255, 5314, 5603, 5595, 5671, 5331, 5520, 5474, 5270, 5275, 5426, 5325, 5625, 5363, 5552, 5336, 5330, 5439, 5541, 5461, 5704, 5525, 5457, 5359, 5462, 5601, 5511, 5438, 5488, 5335, 5637, 5582, 5499, 5503, 5281, 5576, 5559, 5423, 5395, 5562, 5610, 5581, 5484, 5638,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5312, 5526, 5611, 5609, 5578, 5302, 5498, 5298, 5317, 5621, 5332, 5535, 5684, 5268, 5589, 5487, 5500, 5494, 5489, 5266, 5413, 5586, 5583, 5558, 5481 (12 hits)
24	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5652, 5724, 5688, 5467, 5524, 5397, 5264, 5698, 5507, 5470, 5514, 5465, 5456, 5460, 5593, 5605, 5317, 5261, 5442, 5329, 5485, 5479, 5253, 5703, 5519, 5675, 5426, 5549, 5459, 5641, 5404, 5310, 5296, 5523, 5619, 5424, 5402, 5522, 5618, 5510, 5308, 5685, 5322, 5553, 5649, 5433, 5570, 5571, 5291, 5668, 5405, 5418, 5286, 5516, 5390, 5717, 5406, 5643, 5628, 5691, 5251, 5438, 5582, 5421, 5283, 5454, 5256, 5709, 5543, 5370, 5314, 5288, 5272, 5541, 5684, 5672, 5354, 5556, 5499, 5257, 5579, 5313, 5622, 5548, 5408, 5504, 5431, 5355, 5559, 5542, 5599, 5529, 5391, 5306, 5298, 5446, 5609, 5334, 5573, 5651 (11 hits)
25	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5523, 5652, 5326, 5656, 5447, 5596, 5256, 5388, 5555, 5673, 5672, 5538, 5343, 5420, 5257, 5280, 5519, 5682, 5331, 5504, 5586, 5521, 5549, 5588, 5432, 5498, 5483, 5623, 5396, 5460, 5339, 5527, 5372, 5629, 5613, 5384, 5645, 5477, 5598, 5511, 5667, 5324, 5537, 5512, 5491, 5687, 5529, 5499, 5526, 5468, 5724, 5607, 5466, 5337, 5362, 5661, 5387, 5485, 5476, 5517, 5398, 5303, 5528, 5658, 5377, 5469, 5605, 5289, 5380, 5525, 5373, 5368, 5704, 5663, 5655, 5408, 5410, 5606, 5726, 5424, 5275, 5702, 5361, 5625, 5330, 5636, 5701, 5367, 5264, 5711, 5409, 5486, 5647, 5381, 5445, 5278, 5604, 5488, 5322, 5404 (15 hits)
26	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5386, 5544, 5512, 5609, 5448, 5321, 5616, 5405, 5267, 5527, 5515, 5358, 5353, 5394, 5723, 5277, 5262, 5371, 5435, 5526, 5409, 5667, 5514, 5576, 5597, 5702, 5261, 5412, 5659, 5499, 5496, 5637, 5315, 5718, 5477, 5323, 5285, 5522, 5643, 5460, 5391, 5618, 5359, 5621, 5279, 5585, 5617, 5481, 5569, 5582, 5415, 5507, 5645, 5471, 5653, 5584, 5426, 5295, 5542, 5287, 5490, 5555, 5411, 5421, 5545, 5303, 5695, 5331, 5501, 5269, 5484, 5610, 5480, 5334, 5316, 5266, 5329, 5452, 5513, 5324, 5472, 5282, 5654, 5520, 5710, 5721, 5379, 5581, 5310, 5301, 5580, 5626, 5319, 5257, 5714, 5719, 5425, 5360, 5521, 5554 (13 hits)
27	9	1.0	333.0	Yes	5497.0MHz,	Hop sequence: 5346, 5417, 5512, 5533, 5370, 5528, 5376, 5511, 5359,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5668, 5292, 5412, 5534, 5545, 5394, 5548, 5466, 5520, 5322, 5259, 5588, 5547, 5625, 5304, 5556, 5416, 5598, 5552, 5291, 5410, 5353, 5444, 5704, 5529, 5657, 5373, 5378, 5497, 5508, 5564, 5543, 5320, 5281, 5666, 5689, 5349, 5414, 5694, 5654, 5397, 5443, 5318, 5630, 5724, 5532, 5380, 5673, 5499, 5611, 5579, 5285, 5254, 5393, 5717, 5334, 5660, 5636, 5583, 5683, 5662, 5438, 5463, 5701, 5725, 5313, 5536, 5325, 5324, 5708, 5523, 5403, 5305, 5396, 5343, 5409, 5453, 5618, 5659, 5344, 5705, 5604, 5426, 5720, 5371, 5617, 5722, 5405, 5602, 5550, 5289 (9 hits)
28	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5545, 5720, 5413, 5665, 5713, 5285, 5435, 5631, 5547, 5286, 5400, 5570, 5476, 5447, 5615, 5300, 5275, 5583, 5712, 5417, 5492, 5386, 5683, 5468, 5260, 5412, 5252, 5562, 5528, 5287, 5319, 5320, 5462, 5314, 5430, 5273, 5291, 5678, 5506, 5351, 5444, 5516, 5590, 5664, 5374, 5475, 5392, 5496, 5658, 5636, 5321, 5613, 5445, 5309, 5699, 5705, 5710, 5276, 5479, 5618, 5371, 5470, 5454, 5622, 5350, 5293, 5646, 5344, 5337, 5681, 5640, 5563, 5538, 5601, 5587, 5634, 5288, 5628, 5594, 5502, 5647, 5514, 5283, 5258, 5500, 5709, 5333, 5566, 5633, 5607, 5557, 5438, 5364, 5532, 5654, 5629, 5503, 5396, 5455, 5352 (9 hits)
29	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5587, 5631, 5702, 5626, 5682, 5435, 5394, 5514, 5625, 5559, 5571, 5544, 5650, 5710, 5467, 5619, 5303, 5600, 5379, 5253, 5359, 5499, 5718, 5547, 5335, 5389, 5350, 5406, 5723, 5642, 5671, 5374, 5368, 5712, 5695, 5327, 5601, 5453, 5458, 5674, 5282, 5725, 5529, 5602, 5277, 5623, 5308, 5292, 5615, 5324, 5651, 5326, 5388, 5575, 5644, 5577, 5283, 5494, 5721, 5279, 5349, 5439, 5591, 5465, 5404, 5537, 5685, 5639, 5329, 5301, 5706, 5492, 5311, 5705, 5581, 5526, 5508, 5599, 5391, 5265, 5340, 5288, 5689, 5711, 5438, 5593, 5409, 5658, 5546, 5632, 5310, 5417, 5504, 5251, 5662, 5411, 5478, 5566, 5683, 5284 (8 hits)
30	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5614, 5290, 5544, 5550, 5361, 5352, 5553, 5283, 5577, 5533, 5500, 5251, 5400, 5619, 5719, 5417, 5685, 5270, 5579, 5638, 5475, 5295, 5708, 5549, 5254, 5448, 5701, 5305, 5411, 5337, 5693, 5699, 5375, 5370, 5418, 5593, 5631, 5278, 5510, 5564, 5633, 5326, 5690, 5681, 5570, 5274, 5696, 5311, 5697, 5502, 5356,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5267, 5629, 5497, 5616, 5618, 5444, 5525, 5366, 5320, 5650, 5702, 5634, 5639, 5552, 5524, 5683, 5660, 5345, 5384, 5492, 5259, 5428, 5714, 5436, 5536, 5698, 5426, 5531, 5493, 5443, 5561, 5584, 5568, 5292, 5565, 5596, 5573, 5315, 5529, 5316, 5597, 5641, 5494, 5421, 5677, 5327, 5488, 5722, 5489 (10 hits)
31	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5686, 5448, 5414, 5488, 5313, 5493, 5607, 5680, 5293, 5282, 5458, 5341, 5476, 5529, 5419, 5383, 5264, 5617, 5401, 5261, 5345, 5321, 5545, 5466, 5711, 5645, 5691, 5685, 5447, 5507, 5464, 5653, 5608, 5635, 5444, 5288, 5260, 5434, 5357, 5478, 5399, 5306, 5453, 5392, 5718, 5560, 5277, 5315, 5428, 5643, 5662, 5340, 5251, 5445, 5276, 5532, 5695, 5423, 5579, 5386, 5549, 5498, 5707, 5518, 5274, 5489, 5268, 5633, 5646, 5595, 5258, 5651, 5359, 5387, 5441, 5283, 5724, 5492, 5594, 5465, 5660, 5601, 5721, 5517, 5420, 5483, 5583, 5678, 5687, 5382, 5573, 5575, 5271, 5365, 5409, 5323, 5554, 5593, 5332, 5443 (7 hits)
32	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5628, 5666, 5329, 5258, 5713, 5629, 5579, 5287, 5432, 5340, 5650, 5490, 5365, 5375, 5698, 5564, 5682, 5289, 5348, 5575, 5366, 5383, 5691, 5611, 5254, 5518, 5371, 5716, 5586, 5684, 5358, 5296, 5721, 5535, 5470, 5652, 5278, 5597, 5450, 5390, 5532, 5367, 5300, 5469, 5262, 5253, 5529, 5339, 5301, 5527, 5710, 5692, 5288, 5604, 5552, 5642, 5483, 5476, 5725, 5373, 5310, 5473, 5636, 5657, 5662, 5392, 5447, 5530, 5436, 5321, 5610, 5472, 5712, 5272, 5407, 5298, 5445, 5594, 5545, 5514, 5277, 5412, 5645, 5419, 5350, 5562, 5578, 5420, 5670, 5573, 5683, 5663, 5583, 5295, 5398, 5372, 5521, 5385, 5595, 5271 (5 hits)
33	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5664, 5428, 5310, 5507, 5617, 5475, 5599, 5627, 5409, 5319, 5692, 5514, 5697, 5335, 5460, 5579, 5637, 5641, 5432, 5647, 5482, 5652, 5321, 5354, 5379, 5263, 5313, 5501, 5666, 5396, 5382, 5278, 5295, 5467, 5452, 5349, 5280, 5561, 5303, 5638, 5463, 5458, 5550, 5533, 5559, 5312, 5573, 5534, 5671, 5325, 5662, 5251, 5277, 5503, 5435, 5330, 5612, 5493, 5293, 5709, 5600, 5588, 5476, 5711, 5255, 5539, 5479, 5448, 5271, 5554, 5553, 5691, 5439, 5473, 5315, 5471, 5546, 5547, 5575, 5524, 5706, 5395, 5254, 5519, 5429, 5621, 5536, 5392, 5516, 5456, 5279, 5604, 5618,

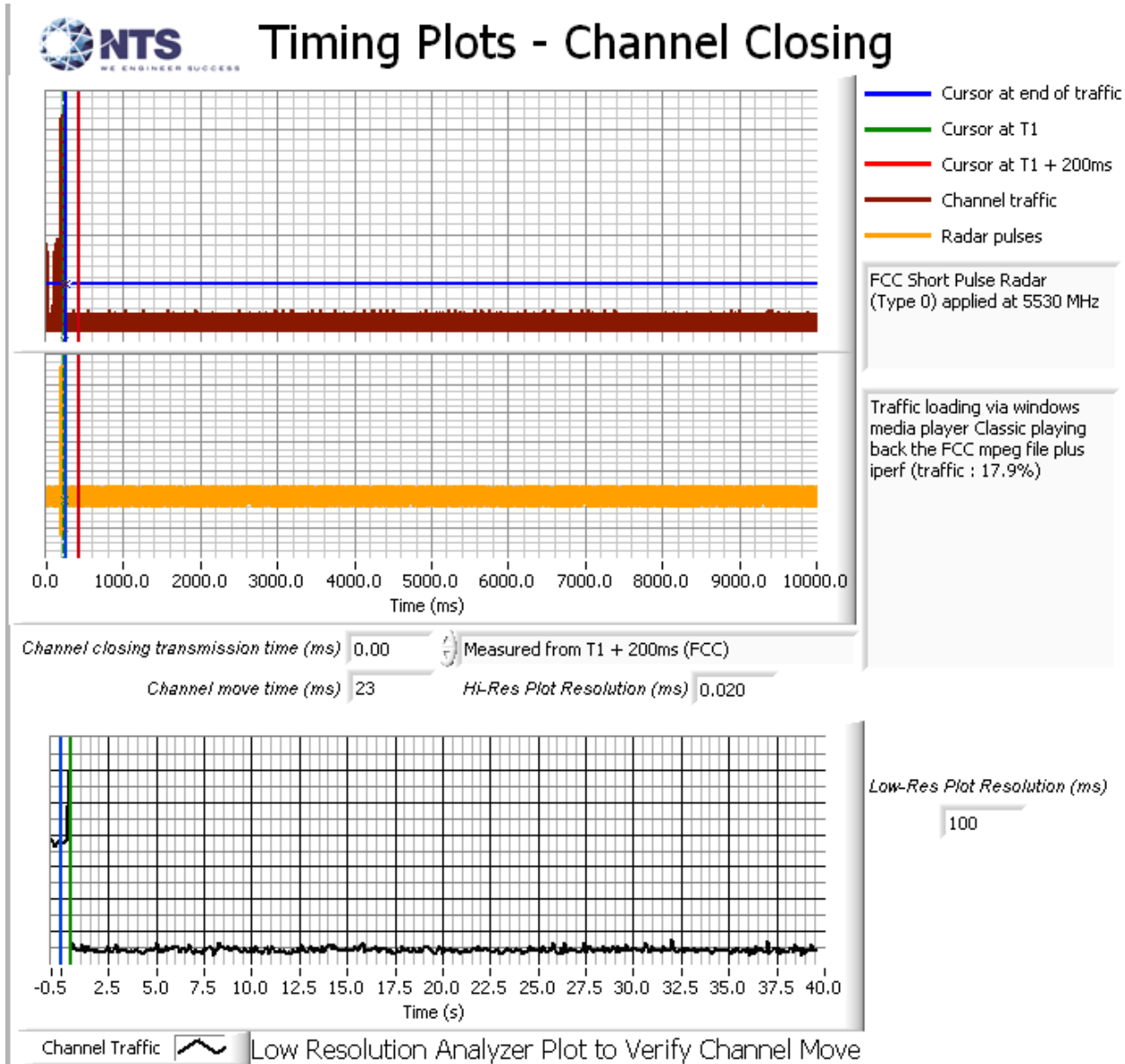
Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5273, 5441, 5329, 5626, 5630, 5398, 5521 (9 hits)
34	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5546, 5598, 5401, 5427, 5340, 5348, 5671, 5451, 5673, 5492, 5323, 5324, 5675, 5623, 5392, 5335, 5521, 5352, 5464, 5308, 5663, 5590, 5526, 5583, 5669, 5565, 5495, 5264, 5437, 5448, 5328, 5551, 5257, 5251, 5654, 5296, 5428, 5519, 5681, 5715, 5589, 5454, 5600, 5370, 5341, 5471, 5258, 5463, 5611, 5255, 5488, 5309, 5447, 5632, 5293, 5484, 5311, 5676, 5292, 5700, 5278, 5336, 5494, 5326, 5683, 5294, 5619, 5652, 5461, 5378, 5507, 5375, 5692, 5605, 5314, 5612, 5453, 5374, 5586, 5391, 5379, 5578, 5620, 5467, 5338, 5334, 5339, 5653, 5615, 5280, 5333, 5342, 5332, 5327, 5449, 5641, 5310, 5691, 5561, 5440 (7 hits)
35	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5345, 5266, 5431, 5625, 5291, 5393, 5721, 5604, 5665, 5437, 5580, 5401, 5609, 5608, 5485, 5454, 5435, 5554, 5380, 5694, 5293, 5337, 5581, 5473, 5353, 5511, 5432, 5639, 5500, 5328, 5576, 5344, 5452, 5397, 5390, 5565, 5526, 5364, 5484, 5275, 5669, 5411, 5409, 5561, 5642, 5373, 5676, 5717, 5479, 5621, 5655, 5512, 5670, 5522, 5476, 5329, 5654, 5388, 5440, 5255, 5348, 5462, 5712, 5279, 5647, 5396, 5510, 5720, 5403, 5598, 5448, 5552, 5590, 5292, 5634, 5574, 5616, 5333, 5413, 5281, 5692, 5534, 5257, 5501, 5402, 5564, 5438, 5690, 5708, 5312, 5677, 5523, 5724, 5316, 5456, 5370, 5491, 5283, 5657, 5547 (9 hits)
36	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5530, 5322, 5328, 5288, 5462, 5641, 5331, 5602, 5440, 5481, 5414, 5586, 5588, 5398, 5278, 5661, 5433, 5580, 5598, 5470, 5648, 5355, 5621, 5679, 5275, 5723, 5444, 5410, 5284, 5668, 5574, 5259, 5653, 5351, 5614, 5663, 5512, 5471, 5453, 5557, 5623, 5392, 5670, 5438, 5261, 5256, 5276, 5510, 5445, 5551, 5561, 5710, 5349, 5478, 5600, 5655, 5520, 5373, 5292, 5560, 5282, 5589, 5565, 5298, 5669, 5285, 5384, 5622, 5473, 5378, 5519, 5675, 5389, 5544, 5688, 5266, 5388, 5545, 5465, 5706, 5527, 5704, 5615, 5340, 5293, 5638, 5352, 5490, 5568, 5408, 5428, 5611, 5573, 5540, 5468, 5431, 5720, 5495, 5477, 5472 (6 hits)
37	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5409, 5717, 5338, 5597, 5557, 5347, 5380, 5465, 5640, 5402, 5653, 5643, 5571, 5646, 5482, 5353, 5675, 5674, 5366, 5669, 5430, 5509, 5383, 5697, 5425, 5340, 5541,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5671, 5702, 5720, 5721, 5418, 5375, 5579, 5492, 5684, 5443, 5500, 5667, 5505, 5446, 5694, 5478, 5594, 5701, 5696, 5275, 5266, 5401, 5398, 5432, 5685, 5657, 5358, 5534, 5486, 5456, 5715, 5601, 5589, 5416, 5394, 5422, 5695, 5665, 5649, 5309, 5312, 5285, 5405, 5507, 5289, 5433, 5431, 5329, 5336, 5390, 5450, 5558, 5619, 5513, 5348, 5555, 5568, 5367, 5602, 5582, 5651, 5609, 5576, 5365, 5663, 5641, 5328, 5614, 5293, 5502, 5713, 5490, 5583 (7 hits)
38	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5342, 5288, 5605, 5698, 5303, 5603, 5262, 5464, 5546, 5378, 5561, 5477, 5278, 5686, 5463, 5696, 5446, 5475, 5522, 5540, 5503, 5432, 5406, 5587, 5251, 5381, 5472, 5408, 5569, 5457, 5549, 5275, 5487, 5291, 5517, 5571, 5644, 5715, 5377, 5576, 5527, 5267, 5689, 5379, 5654, 5471, 5254, 5684, 5718, 5476, 5548, 5575, 5297, 5359, 5391, 5588, 5688, 5701, 5400, 5304, 5285, 5712, 5454, 5368, 5609, 5314, 5250, 5270, 5310, 5383, 5581, 5513, 5675, 5468, 5702, 5598, 5607, 5512, 5315, 5461, 5580, 5721, 5323, 5332, 5645, 5451, 5322, 5340, 5662, 5491, 5657, 5601, 5318, 5373, 5714, 5594, 5634, 5416, 5678, 5366 (7 hits)
39	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5395, 5685, 5623, 5406, 5396, 5601, 5362, 5486, 5257, 5473, 5313, 5429, 5658, 5462, 5427, 5526, 5504, 5274, 5359, 5284, 5704, 5546, 5557, 5695, 5374, 5400, 5338, 5280, 5555, 5337, 5434, 5714, 5536, 5468, 5610, 5360, 5513, 5453, 5334, 5531, 5442, 5631, 5471, 5572, 5542, 5562, 5358, 5567, 5439, 5565, 5475, 5528, 5488, 5676, 5672, 5595, 5553, 5511, 5616, 5435, 5639, 5276, 5310, 5518, 5303, 5715, 5681, 5279, 5336, 5401, 5626, 5483, 5416, 5680, 5261, 5709, 5302, 5346, 5617, 5361, 5412, 5272, 5478, 5506, 5465, 5722, 5533, 5660, 5697, 5339, 5340, 5490, 5499, 5466, 5549, 5638, 5633, 5592, 5319, 5580 (8 hits)

**Appendix C Test Data Tables and Plots for Channel Closing**

**FCC PART 15 SUBPART E Channel Closing Measurements**

Table 124 - FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time <sup>1</sup>		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 0	0 ms	60 ms	0.02 s	10 s	Pass



**Figure 12 Channel Closing Time and Channel Move Time (80MHz) – 40 second plot**

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

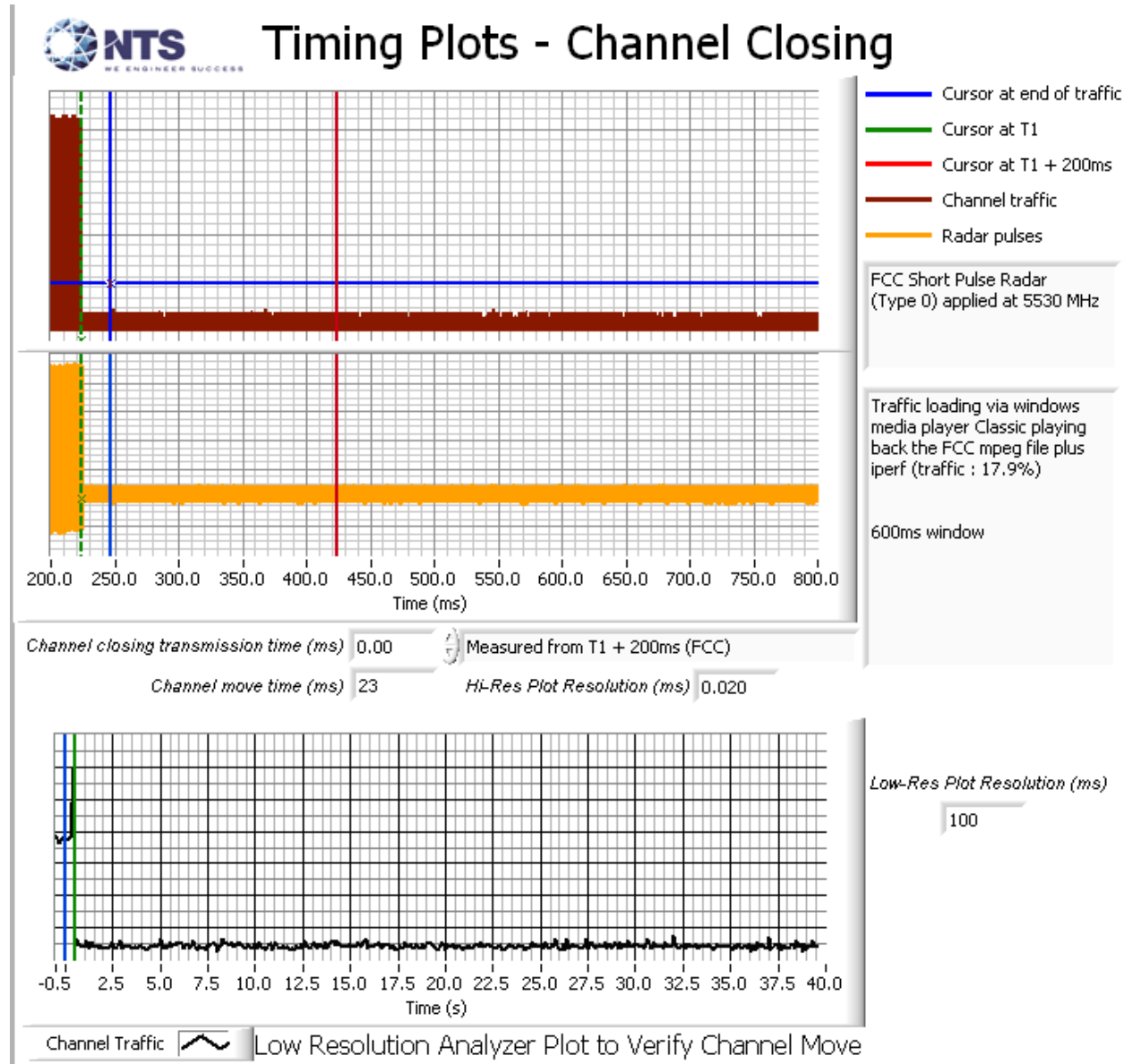
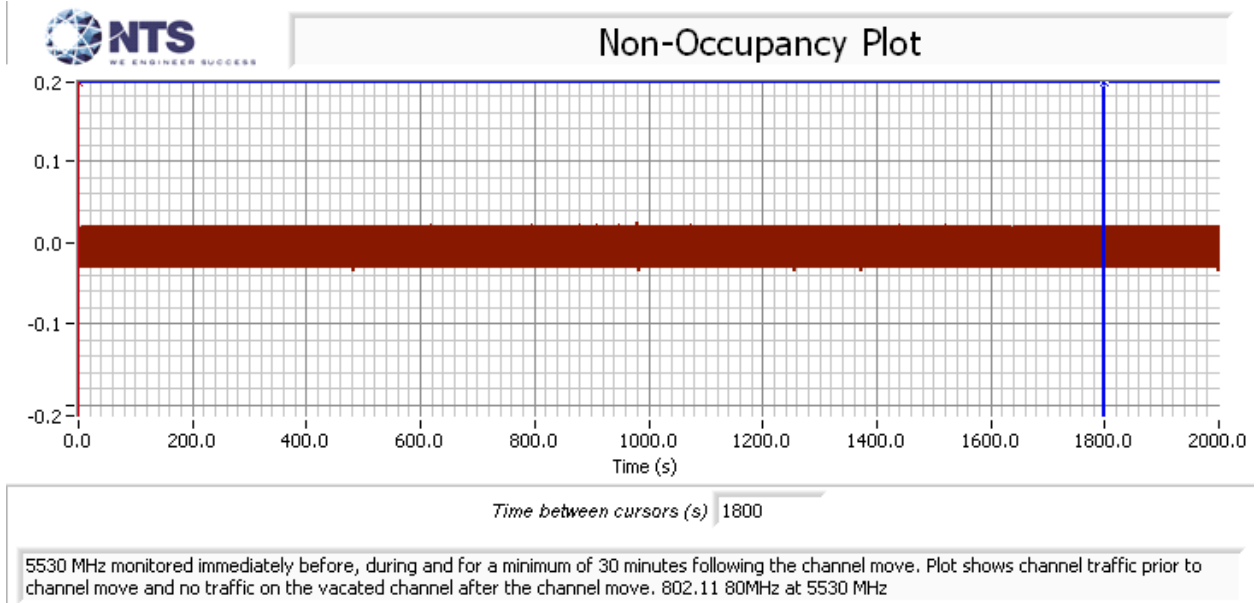


Figure 13 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (80MHz)





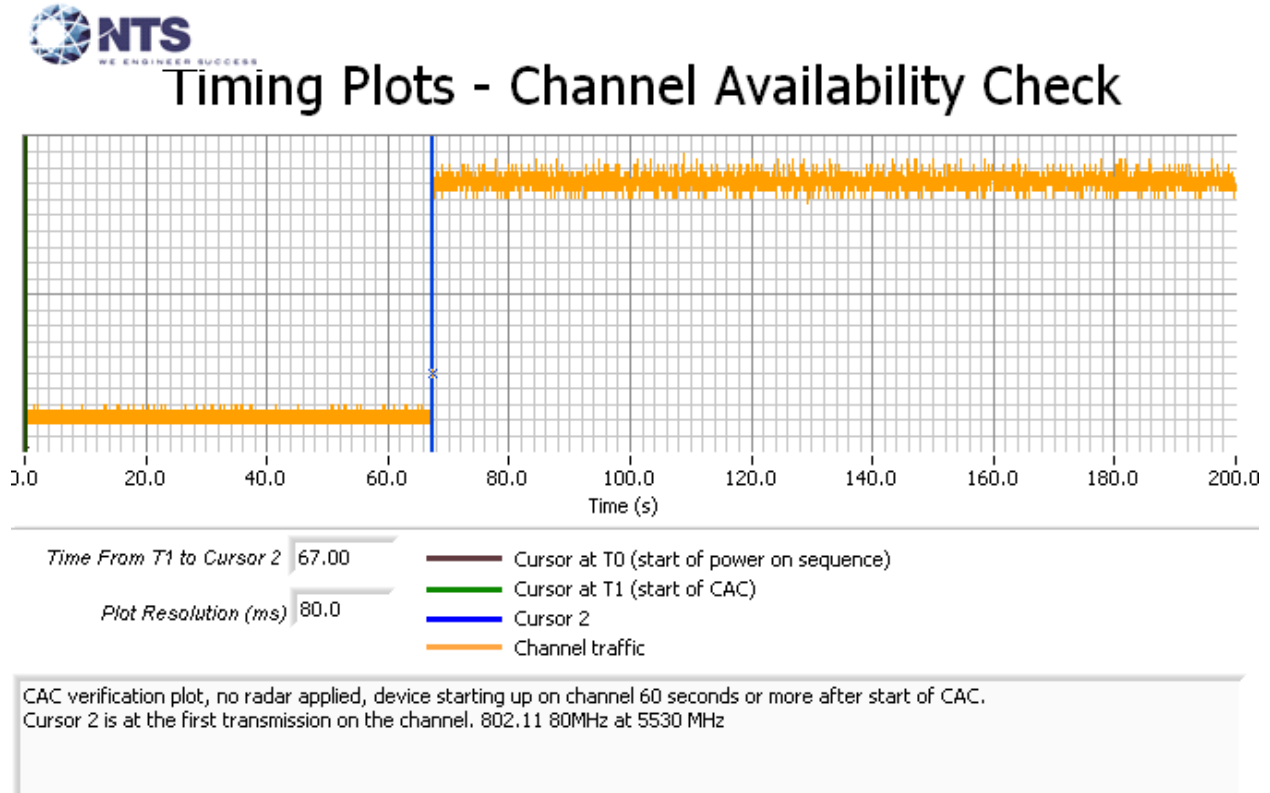
**Figure 14 Radar Channel Non-Occupancy Plot (80MHz)**

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 a channel move command, 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 106 (5530 MHz).

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

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



## Timing Plots - Channel Availability Check

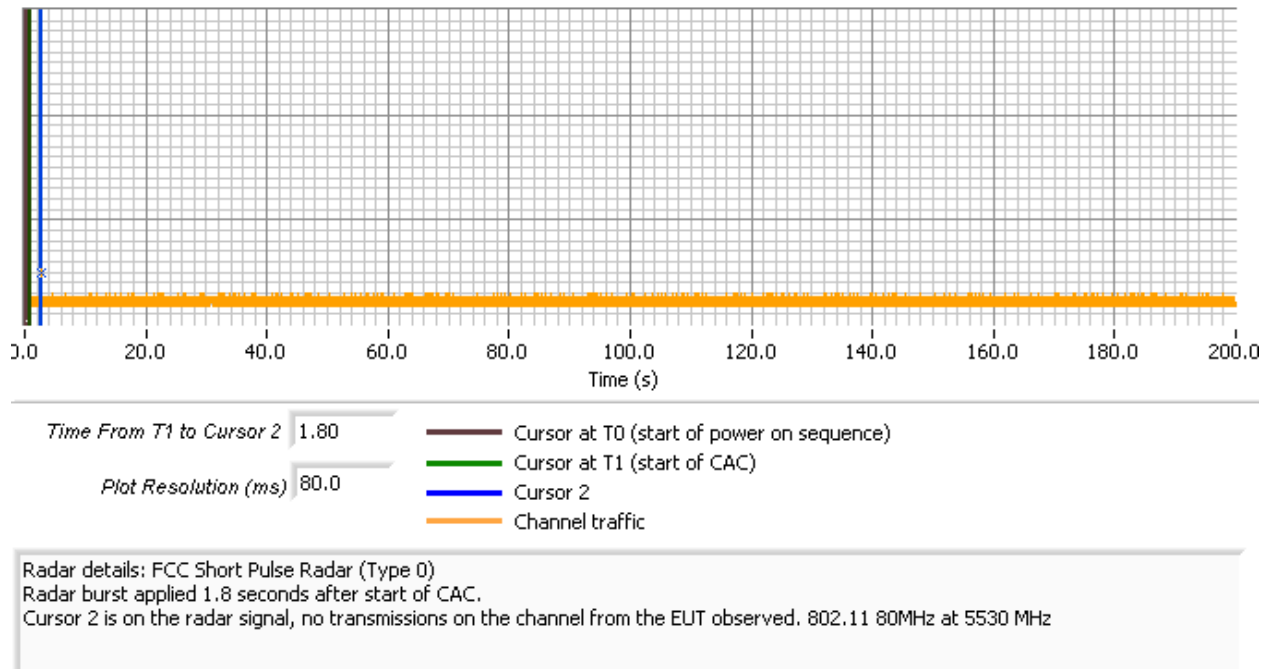


Figure 16 Radar Applied At Start of CAC



## Timing Plots - Channel Availability Check

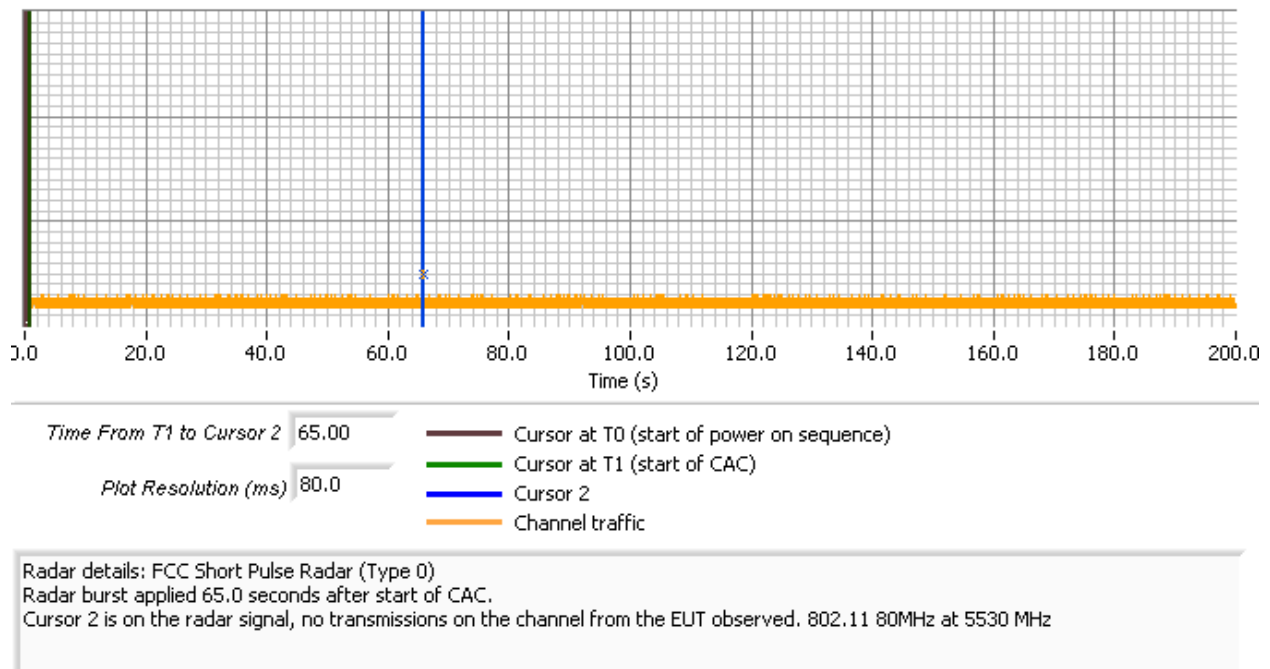


Figure 17 Radar Applied At End of CAC

***End of Report***

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