

TEST REPORT

Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF

FCC Part 15 Subpart E (UNII)

Aruba Networks Model(s): AP-103 Update to New Rules

FCC ID: Q9DAPIN0103

COMPANY: Aruba Networks
1344 Crossman Ave.
Sunnyvale, CA, 94089

TEST SITE: National Technical Systems - Silicon Valley
41039 Boyce Road
Fremont, CA 94538

REPORT DATE: May 19, 2016

REISSUE DATE: July 12, 2016

FINAL TEST DATE: May 2, 2016

TEST ENGINEER: Mehran Birgani

TOTAL NUMBER OF PAGES: 100



National Technical Systems - Silicon Valley is accredited by the A2LA, certificate number 0214.26, to perform the test(s) listed in this report, except where noted otherwise. This report and the information contained herein represent the results of testing test articles identified and selected by the client performed to specifications and/or procedures selected by the client. National Technical Systems (NTS) makes no representations, expressed or implied, that such testing is adequate (or inadequate) to demonstrate efficiency, performance, reliability, or any other characteristic of the articles being tested, or similar products. This report should not be relied upon as an endorsement or certification by NTS of the equipment tested, nor does it represent any statement whatsoever as to its merchantability or fitness of the test article, or similar products, for a particular purpose. This report shall not be reproduced except in full

VALIDATING SIGNATORIES

PROGRAM MGR /
TECHNICAL REVIEWER:



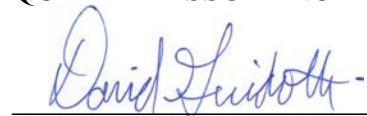
Mark Hill
Staff Engineer

REPORT PREPARER:



Mehran Birgani
EMC Engineer

QUALITY ASSURANCE DELEGATE



David Guidotti
Senior Technical Writer

REVISION HISTORY

Rev #	Date	Comments	Modified By
-	May 19, 2016	Initial Release	-
1.0	July 12, 2016	Added FCC ID and clarified operation in the 5600-5650MHz band	MEH

TABLE OF CONTENTS

TITLE PAGE.....	1
VALIDATING SIGNATORIES	2
REVISION HISTORY	3
TABLE OF CONTENTS	4
LIST OF TABLES.....	5
LIST OF FIGURES.....	6
SCOPE.....	7
OBJECTIVE	7
STATEMENT OF COMPLIANCE.....	7
DEVIATIONS FROM THE STANDARD	7
TEST RESULTS.....	8
TEST RESULTS SUMMARY – FCC PART 15, MASTER DEVICE	8
MEASUREMENT UNCERTAINTIES.....	8
EQUIPMENT UNDER TEST (EUT) DETAILS.....	9
GENERAL.....	9
ENCLOSURE.....	9
MODIFICATIONS.....	9
SUPPORT EQUIPMENT.....	10
EUT INTERFACE PORTS	10
EUT OPERATION	10
RADAR WAVEFORMS.....	11
DFS TEST METHODS	13
RADIATED TEST METHOD	13
DFS MEASUREMENT INSTRUMENTATION.....	15
RADAR GENERATION SYSTEM	15
CHANNEL MONITORING SYSTEM	16
RADAR GENERATOR PLOTS	17
DFS MEASUREMENT METHODS	23
DFS RADAR DETECTION BANDWIDTH	23
DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME	23
DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING.....	23
DFS CHANNEL AVAILABILITY CHECK TIME.....	24
UNIFORM LOADING.....	24
TRANSMIT POWER CONTROL (TPC)	24
SAMPLE CALCULATIONS	25
DETECTION PROBABILITY / SUCCESS RATE	25
THRESHOLD LEVEL	25
APPENDIX A TEST EQUIPMENT CALIBRATION DATA	26
APPENDIX B TEST DATA TABLES FOR RADAR DETECTION PROBABILITY	27
APPENDIX C TEST CONFIGURATION PHOTOGRAPH(S).....	99
END OF REPORT	100

LIST OF TABLES

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz BW)	8
Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz BW)	8
Table 3 - FCC Short Pulse Radar Test Waveforms	11
Table 4 - FCC Long Pulse Radar Test Waveforms.....	12
Table 5 - FCC Frequency Hopping Radar Test Waveforms.....	12
Table 6 - Summary of All Results 20MHz	28
Table 7 - FCC Short Pulse Radar (Type 1A) Results 20MHz.....	28
Table 8 - FCC Short Pulse Radar (Type 1B) Results 20MHz	28
Table 9 - FCC Short Pulse Radar (Type 2) Results 20MHz.....	29
Table 10 - FCC Short Pulse Radar (Type 3) Results 20MHz	30
Table 11 - FCC Short Pulse Radar (Type 4) Results 20MHz	31
Table 12 - Long Sequence Waveform Summary 20MHz.....	32
Table 13 - Long Sequence Waveform Trial#1 (Detected) 20MHz.....	32
Table 14 - Long Sequence Waveform Trial#2 (Detected) 20MHz.....	33
Table 15 - Long Sequence Waveform Trial#3 (Detected) 20MHz.....	33
Table 16 - Long Sequence Waveform Trial#4 (Detected) 20MHz.....	33
Table 17 - Long Sequence Waveform Trial#5 (Detected) 20MHz.....	34
Table 18 - Long Sequence Waveform Trial#6 (Detected) 20MHz.....	34
Table 19 - Long Sequence Waveform Trial#7 (NOT Detected) 20MHz	35
Table 20 - Long Sequence Waveform Trial#8 (Detected) 20MHz.....	35
Table 21 - Long Sequence Waveform Trial#9 (Detected) 20MHz.....	36
Table 22 - Long Sequence Waveform Trial#10 (NOT Detected) 20MHz	36
Table 23 - Long Sequence Waveform Trial#11 (Detected) 20MHz.....	37
Table 24 - Long Sequence Waveform Trial#12 (Detected) 20MHz.....	37
Table 25 - Long Sequence Waveform Trial#13 (NOT Detected) 20MHz	38
Table 26 - Long Sequence Waveform Trial#14 (Detected) 20MHz.....	38
Table 27 - Long Sequence Waveform Trial#15 (Detected) 20MHz.....	39
Table 28 - Long Sequence Waveform Trial#16 (Detected) 20MHz.....	39
Table 29 - Long Sequence Waveform Trial#17 (Detected) 20MHz.....	40
Table 30 - Long Sequence Waveform Trial#18 (Detected) 20MHz.....	40
Table 31 - Long Sequence Waveform Trial#19 (NOT Detected) 20MHz	40
Table 32 - Long Sequence Waveform Trial#20 (Detected) 20MHz.....	41
Table 33 - Long Sequence Waveform Trial#21 (Detected) 20MHz.....	41
Table 34 - Long Sequence Waveform Trial#22 (Detected) 20MHz.....	41
Table 35 - Long Sequence Waveform Trial#23 (Detected) 20MHz.....	42
Table 36 - Long Sequence Waveform Trial#24 (Detected) 20MHz.....	42
Table 37 - Long Sequence Waveform Trial#25 (Detected) 20MHz.....	42
Table 38 - Long Sequence Waveform Trial#26 (Detected) 20MHz.....	42
Table 39 - Long Sequence Waveform Trial#27 (Detected) 20MHz.....	43
Table 40 - Long Sequence Waveform Trial#28 (Detected) 20MHz.....	44
Table 41 - Long Sequence Waveform Trial#29 (Detected) 20MHz.....	44
Table 42 - Long Sequence Waveform Trial#30 (Detected) 20MHz.....	44
Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz.....	45
Table 44 - Summary of All Results 40MHz	65
Table 45 - FCC Short Pulse Radar (Type 1A) Results 40MHz	65
Table 46 - FCC Short Pulse Radar (Type 1B) Results 40MHz	65
Table 47 - FCC Short Pulse Radar (Type 2) Results 40MHz	66
Table 48 - FCC Short Pulse Radar (Type 3) Results 40MHz	67
Table 49 - FCC Short Pulse Radar (Type 4) Results 40MHz	68
Table 50 - Long Sequence Waveform Summary 40MHz.....	69
Table 51 - Long Sequence Waveform Trial#1 (Detected) 40MHz.....	69
Table 52 - Long Sequence Waveform Trial#2 (Detected) 40MHz.....	70

Table 53 - Long Sequence Waveform Trial#3 (Detected) 40MHz.....	70
Table 54 - Long Sequence Waveform Trial#4 (Detected) 40MHz.....	70
Table 55 - Long Sequence Waveform Trial#5 (Detected) 40MHz.....	71
Table 56 - Long Sequence Waveform Trial#6 (Detected) 40MHz.....	71
Table 57 - Long Sequence Waveform Trial#7 (Detected) 40MHz.....	71
Table 58 - Long Sequence Waveform Trial#8 (NOT Detected) 40MHz	72
Table 59 - Long Sequence Waveform Trial#9 (Detected) 40MHz.....	72
Table 60 - Long Sequence Waveform Trial#10 (Detected) 40MHz.....	73
Table 61 - Long Sequence Waveform Trial#11 (Detected) 40MHz.....	73
Table 62 - Long Sequence Waveform Trial#12 (NOT Detected) 40MHz	73
Table 63 - Long Sequence Waveform Trial#13 (Detected) 40MHz.....	74
Table 64 - Long Sequence Waveform Trial#14 (Detected) 40MHz.....	74
Table 65 - Long Sequence Waveform Trial#15 (Detected) 40MHz.....	75
Table 66 - Long Sequence Waveform Trial#16 (Detected) 40MHz.....	75
Table 67 - Long Sequence Waveform Trial#17 (Detected) 40MHz.....	76
Table 68 - Long Sequence Waveform Trial#18 (NOT Detected) 40MHz	76
Table 69 - Long Sequence Waveform Trial#19 (Detected) 40MHz.....	77
Table 70 - Long Sequence Waveform Trial#20 (Detected) 40MHz.....	77
Table 71 - Long Sequence Waveform Trial#21 (Detected) 40MHz.....	77
Table 72 - Long Sequence Waveform Trial#22 (NOT Detected) 40MHz	77
Table 73 - Long Sequence Waveform Trial#23 (Detected) 40MHz.....	78
Table 74 - Long Sequence Waveform Trial#24 (Detected) 40MHz.....	78
Table 75 - Long Sequence Waveform Trial#25 (Detected) 40MHz.....	78
Table 76 - Long Sequence Waveform Trial#26 (Detected) 40MHz.....	79
Table 77 - Long Sequence Waveform Trial#27 (Detected) 40MHz.....	80
Table 78 - Long Sequence Waveform Trial#28 (Detected) 40MHz.....	80
Table 79 - Long Sequence Waveform Trial#29 (Detected) 40MHz.....	80
Table 80 - Long Sequence Waveform Trial#30 (Detected) 40MHz.....	81
Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz.....	82

LIST OF FIGURES

Figure 1 Test Configuration for radiated Measurement Method	13
Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)	16
Figure 3 FCC Type 1 Radar (18 pulses)	17
Figure 4 FCC Type 2 Radar (24 pulses)	18
Figure 5 FCC Type 3 Radar (17 pulses)	19
Figure 6 FCC Type 4 Radar (16 pulses)	20
Figure 7 FCC Type 5 Radar (burst with three pulses, 1650 μ s first period).....	21
Figure 8 FCC Type 6 Radar (9 pulses in each burst).....	22
Figure 9 Channel Utilization During In-Service Detection Measurements (20MHz mode)	27
Figure 10 Channel Utilization During In-Service Detection Measurements (40MHz mode)	27

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.

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 v01r02 as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Aruba Networks model AP-103 and therefore apply only to the tested sample. The sample was selected and prepared by Rob Hastings of Aruba Networks.

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 Aruba Networks model AP-103 complied with the DFS requirements of FCC Part 15.407(h)(2).

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

The following deviations were made from the requirements of the referenced standard:

1. Only in-service monitoring testing was performed. Compliance with the bandwidth detection requirement of KDB 905462 D02 (100% of OBW) was shown in the original filing. Compliance with the channel close/move, CAC and non-occupancy requirements were shown in the DFS testing of the original filing. Refer to UL report 14U17032-1 submitted to FCC under FCC ID: Q9DAPIN0103.

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

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz BW)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5500 MHz	-64dBm (Note 2)	-64dBm (Note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	21 MHz	100% of the 99% BW	-	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 4.3 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold measurements were made with the device operating in the 5500-5700 MHz band. 4) Bandwidth detection performed by UL submitted to FCC under Q9DAPIN0103. Refer to report 14U17032-1. For the 20MHz mode, the bandwidth detection was 21MHz, which exceeded the OBW..						

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz BW)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5510 MHz	-63dBm (Note 2)	-64dBm (Note 2)	Appendix B	Pass
1) Tests were performed using the radiated test method. 2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 4.3 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold measurements were made with the device operating in the 5500-5700 MHz band. 4) Bandwidth detection performed by UL submitted to FCC under Q9DAPIN0103. Refer to report 14U17032-1. For the 40MHz mode, the bandwidth detection was 41MHz, which exceeded the OBW.						

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 Aruba Networks model AP-103 is MIMO 802.11a/b/g/n/ac wireless access point designed to be installed and used indoor.

The sample was received on May 2, 2016 and tested on May 2, 2016. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Aruba Network	AP-103	Access Point	CU0013967

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)	4.1	4.3
Highest Antenna Gain (dBi)	4.1	4.3
EIRP Output Power (dBm)	26.5	24.7

- ☒ Power can exceed 200mW eirp

Channel Protocol

- ☒ IP Based

ENCLOSURE

The EUT enclosure measures approximately 16x16x2.5 centimeters. It is primarily constructed of uncoated coated plastic.

MODIFICATIONS

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

SUPPORT EQUIPMENT

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

Manufacturer	Model	Description	Serial Number	FCC ID
<i>Dell (Client)</i>	<i>E5440</i>	<i>Laptop</i>	<i>HMPNP12</i>	<i>DoC</i>
Dell (Server)	E5440	Laptop	DSQTF12	DoC
Aruba Network	7010	Controller	CG0002947	-

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)
Console	Dell laptop (Console)	Micro USB	Shielded	1.0
E0/POE	Controller Port 0	CAT 5	Unshielded	10.0
Laptop (Console)	Controller Port 2	CAT 5	Unshielded	10.0
Laptop (Server)	Controller Port 3	CAT 5	Unshielded	1.5

EUT OPERATION

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

Controller Device: 6.5.0.0 Build 54661

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

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

The streamed file was FCC movie plus iperf and the client device was using VLC to view the file. The channel loading was evaluated to be 17.2-17.8% (refer to figures 9 and 10) meeting the approximately 17% loading as required by FCC KDB 905462 D02

RADAR WAVEFORMS

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

Table 4 - FCC Long Pulse Radar Test Waveforms

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

Table 5 - FCC Frequency Hopping Radar Test Waveforms

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

DFS TEST METHODS**RADIATED TEST METHOD**

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

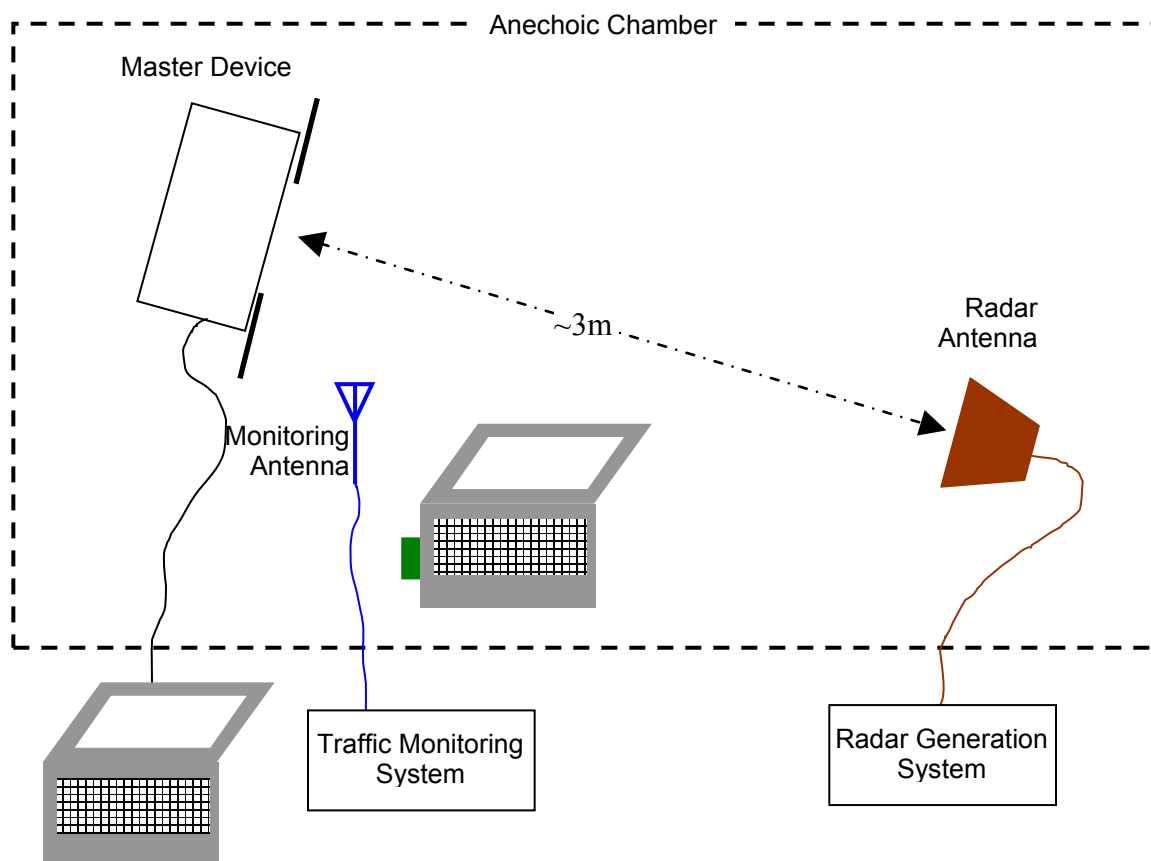


Figure 1 Test Configuration for radiated Measurement Method

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

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

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

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

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

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

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

The radar signal level is verified during testing using a long duration pulse waveform generated in the same manner as the normal radar generated signals.

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

CHANNEL MONITORING SYSTEM

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

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

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

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

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

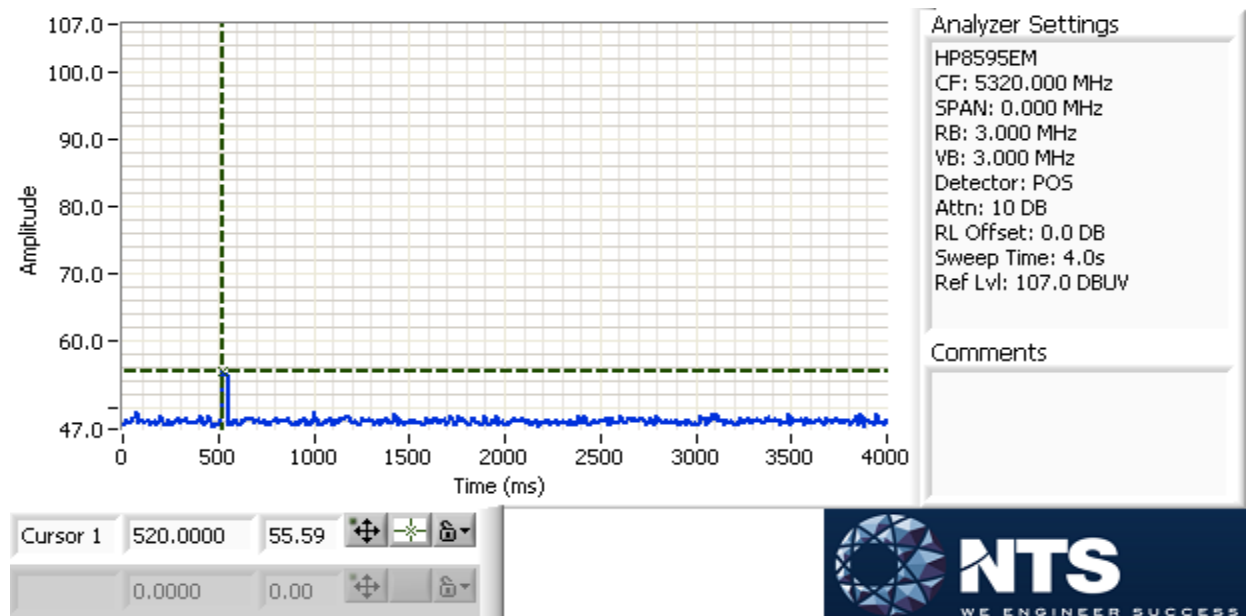


Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)

RADAR GENERATOR PLOTS

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

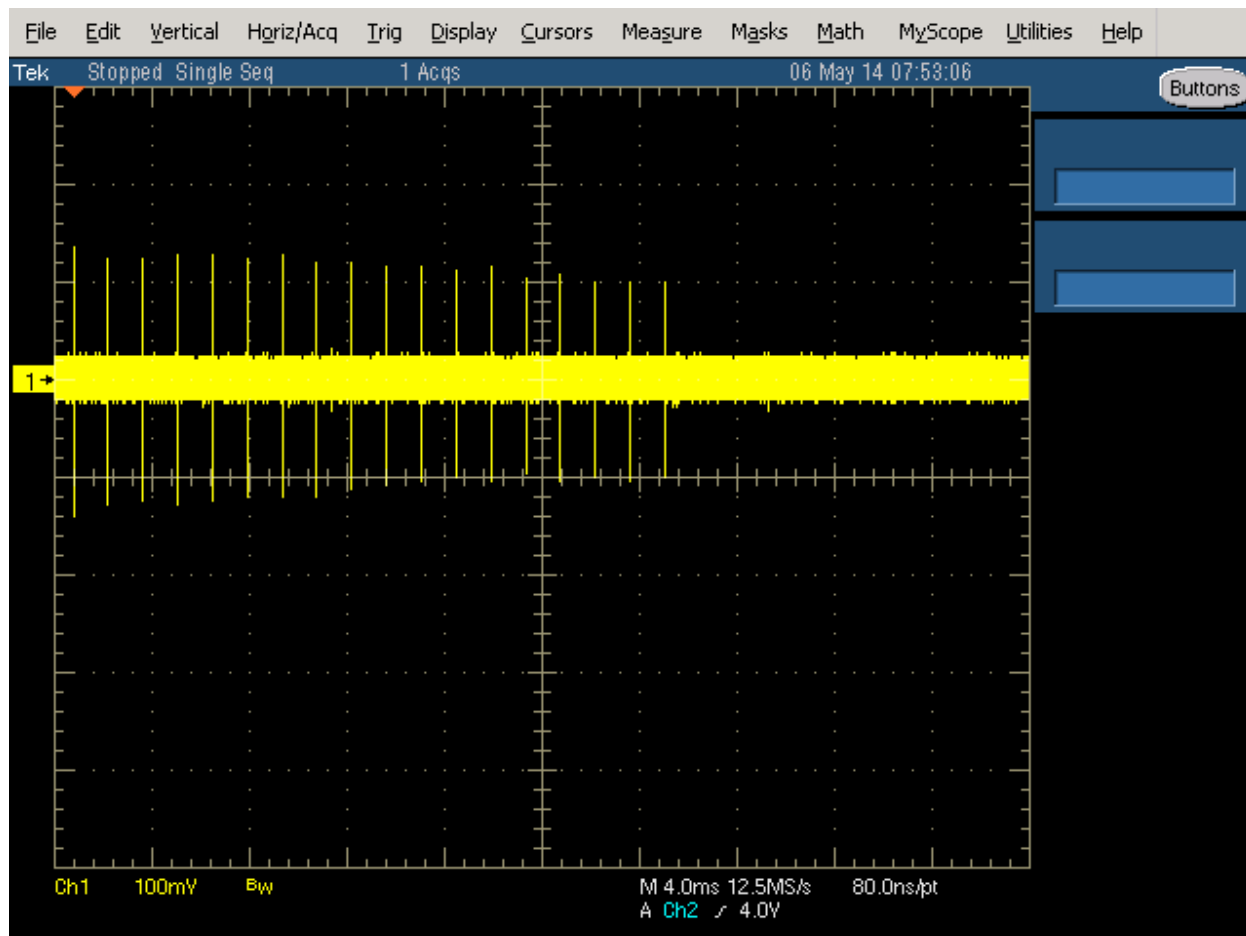


Figure 3 FCC Type 1 Radar (18 pulses)

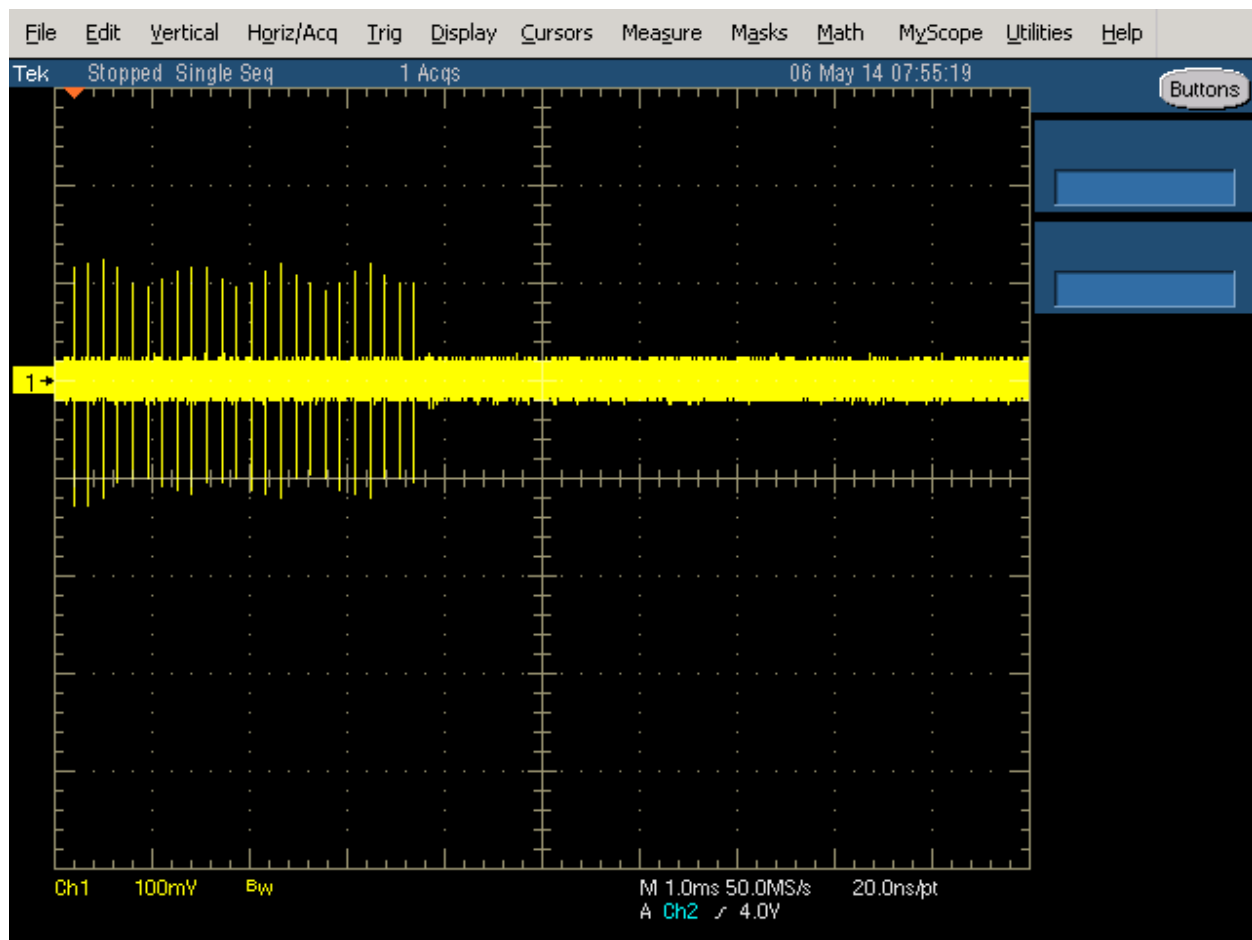


Figure 4 FCC Type 2 Radar (24 pulses)

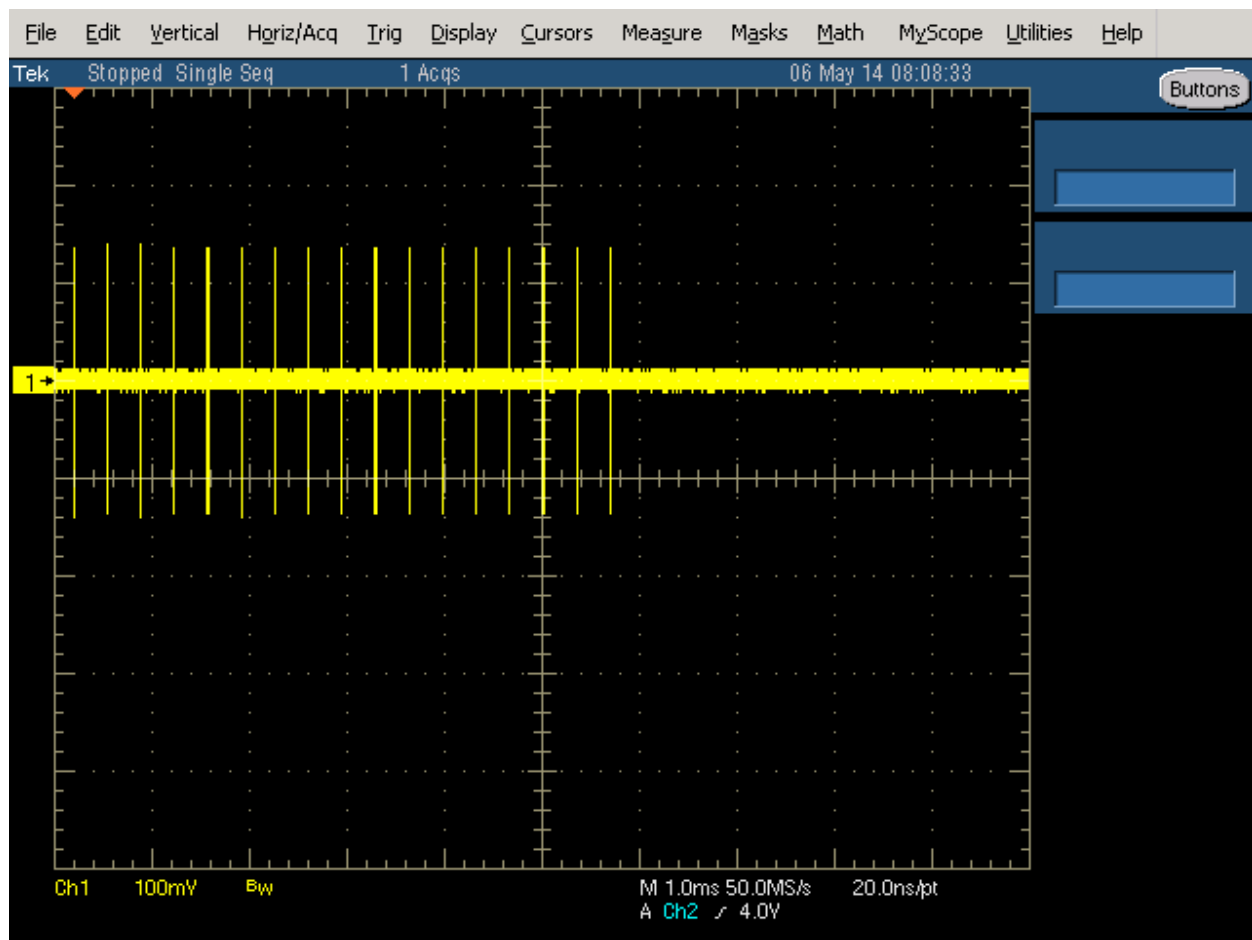


Figure 5 FCC Type 3 Radar (17 pulses)

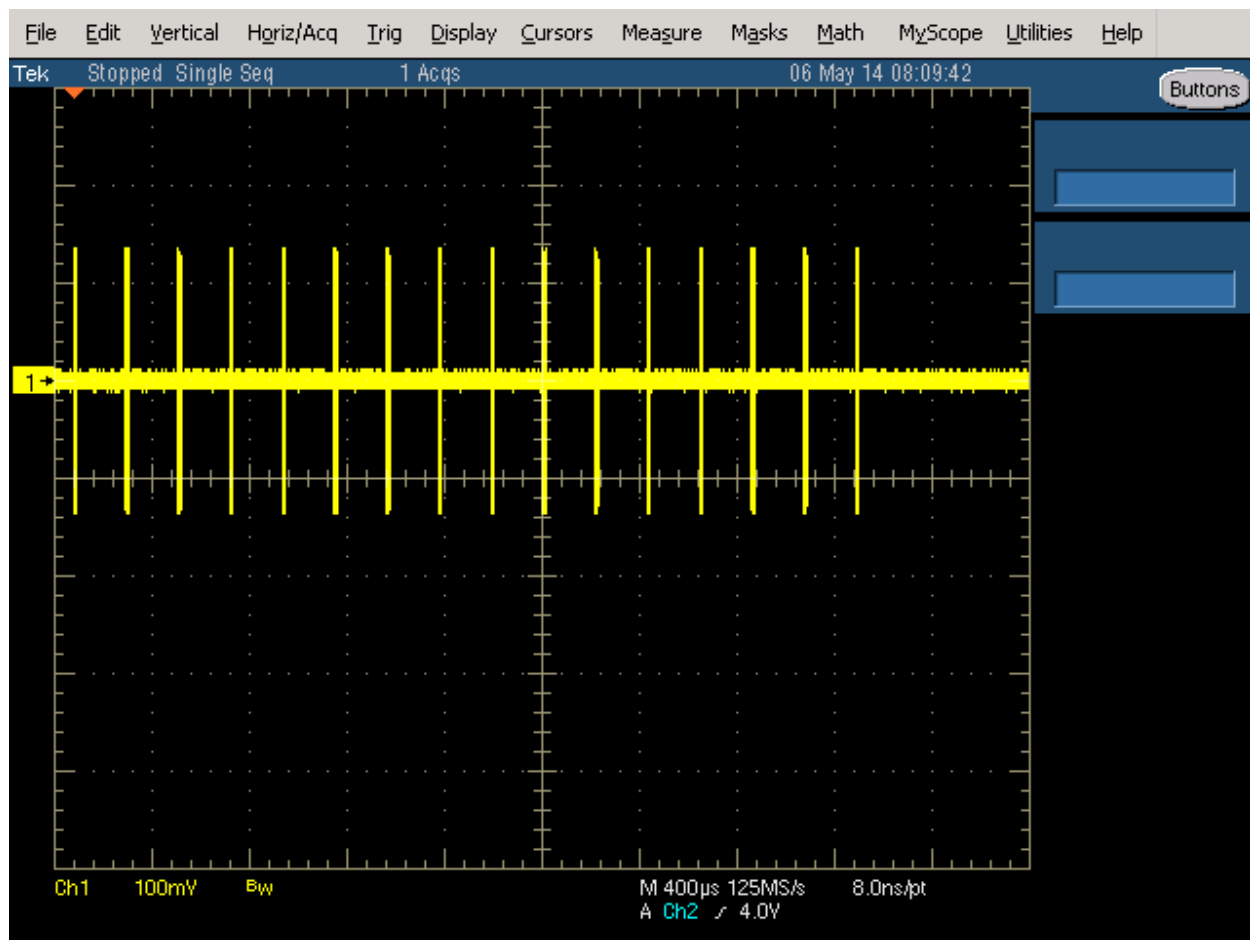


Figure 6 FCC Type 4 Radar (16 pulses)



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

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

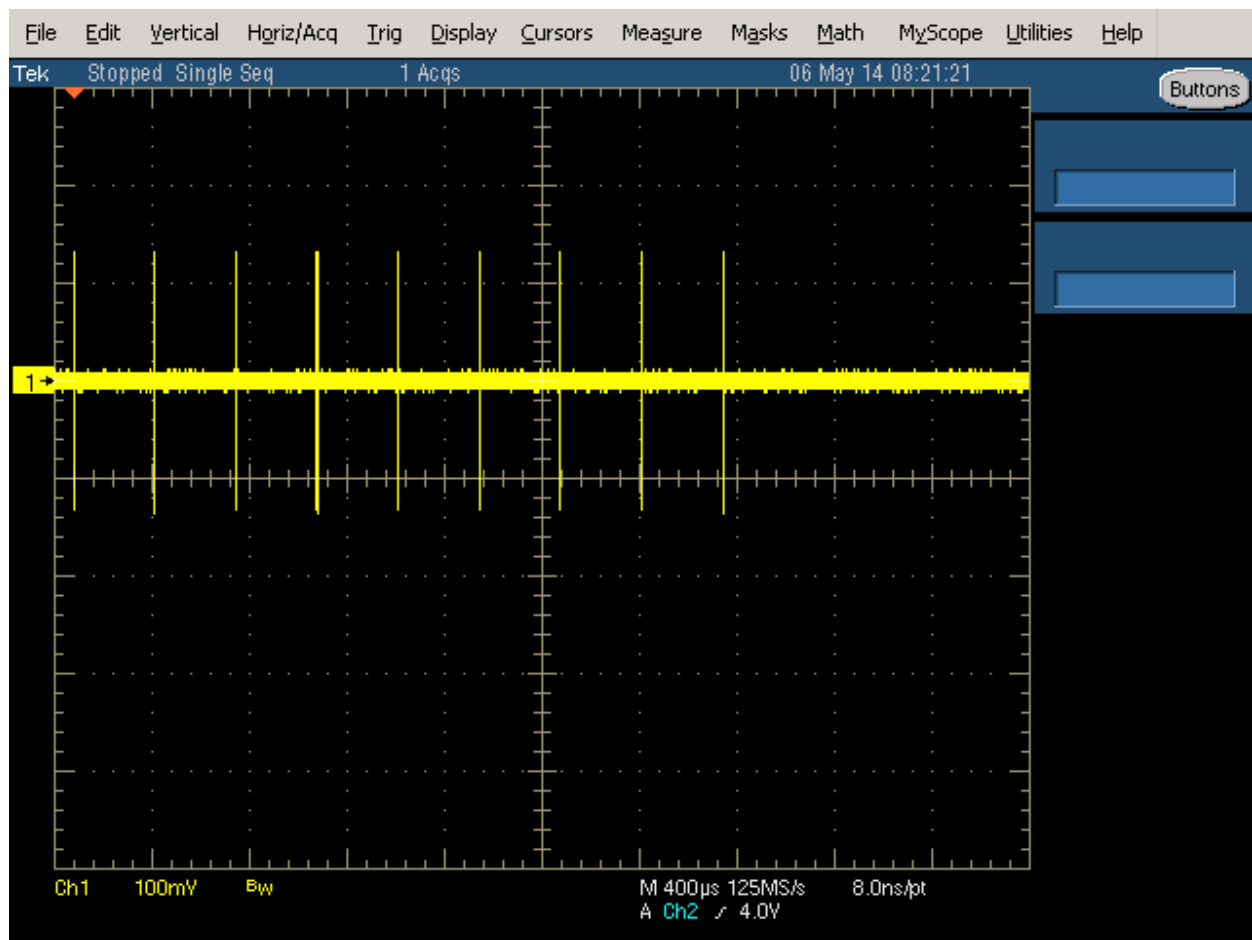


Figure 8 FCC Type 6 Radar (9 pulses in each burst)

DFS MEASUREMENT METHODS**DFS RADAR DETECTION BANDWIDTH**

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

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

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

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

DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

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

DFS CHANNEL AVAILABILITY CHECK TIME

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

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

UNIFORM LOADING

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

TRANSMIT POWER CONTROL (TPC)

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

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

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

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

THRESHOLD LEVEL

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

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

Appendix A Test Equipment Calibration Data

<u>Manufacturer</u>	<u>Description</u>	<u>Model #</u>	<u>Asset #</u>	<u>Cal Due</u>
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	787	14-Aug-16
ETS Lindgren	Antenna, Horn, 1-18 GHz	3117	1662	04-Jun-16
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	10-Nov-16
Agilent Technologies	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267D	3011	02-Feb-17

Appendix B Test Data Tables for Radar Detection Probability

The plots below shows the channel loading during testing as evaluated over a minimum of 0.4 second period. The traffic was generated by a combination of streaming a video file and iperf.

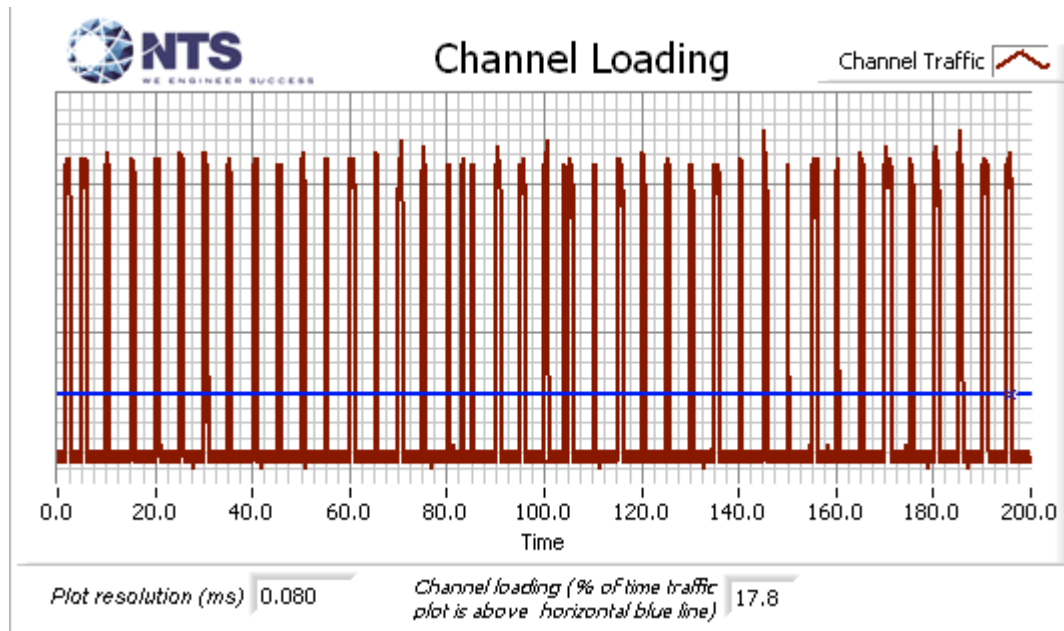


Figure 9 Channel Utilization During In-Service Detection Measurements (20MHz mode)

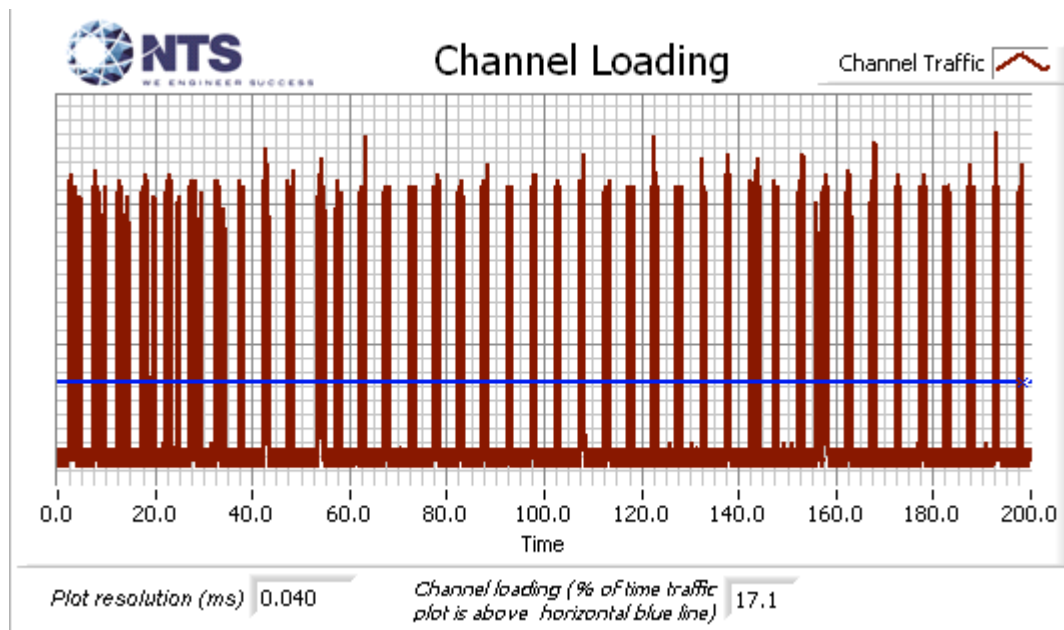


Figure 10 Channel Utilization During In-Service Detection Measurements (40MHz mode)

Table 6 - Summary of All Results 20MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	70.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	70.0 %	60.0 %	30	PASSED
Aggregate of above results	85.0 %	80.0 %	120	PASSED
Long Sequence	86.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	85.4 %	70.0 %	48	PASSED

Table 7 - 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	74	1.0	718.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	65	1.0	818.0	Yes	5501.7MHz, -64.0dBm	Single burst
3	95	1.0	558.0	Yes	5503.5MHz, -64.0dBm	Single burst
4	61	1.0	878.0	Yes	5507.5MHz, -64.0dBm	Single burst
5	81	1.0	658.0	Yes	5509.1MHz, -64.0dBm	Single burst
6	70	1.0	758.0	Yes	5490.9MHz, -64.0dBm	Single burst
7	67	1.0	798.0	Yes	5491.5MHz, -64.0dBm	Single burst
8	57	1.0	938.0	Yes	5492.7MHz, -64.0dBm	Single burst
9	83	1.0	638.0	Yes	5494.5MHz, -64.0dBm	Single burst
10	62	1.0	858.0	Yes	5497.0MHz, -64.0dBm	Single burst
11	59	1.0	898.0	Yes	5499.2MHz, -64.0dBm	Single burst
12	99	1.0	538.0	Yes	5503.0MHz, -64.0dBm	Single burst
13	72	1.0	738.0	Yes	5505.0MHz, -64.0dBm	Single burst
14	92	1.0	578.0	Yes	5507.6MHz, -64.0dBm	Single burst
15	89	1.0	598.0	Yes	5508.7MHz, -64.0dBm	Single burst

Table 8 - 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	19	1.0	2916.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	25	1.0	2155.0	Yes	5501.4MHz, -64.0dBm	Single burst
3	43	1.0	1237.0	Yes	5505.1MHz, -64.0dBm	Single burst
4	33	1.0	1620.0	Yes	5506.7MHz, -64.0dBm	Single burst
5	26	1.0	2061.0	Yes	5508.1MHz, -64.0dBm	Single burst
6	36	1.0	1478.0	Yes	5509.1MHz, -64.0dBm	Single burst
7	32	1.0	1685.0	Yes	5490.9MHz, -64.0dBm	Single burst
8	50	1.0	1061.0	Yes	5491.2MHz, -64.0dBm	Single burst
9	95	1.0	559.0	Yes	5493.1MHz, -64.0dBm	Single burst
10	33	1.0	1648.0	Yes	5497.0MHz, -64.0dBm	Single burst
11	20	1.0	2720.0	Yes	5500.3MHz, -64.0dBm	Single burst
12	32	1.0	1652.0	Yes	5503.8MHz, -64.0dBm	Single burst
13	99	1.0	537.0	Yes	5507.7MHz, -64.0dBm	Single burst
14	34	1.0	1558.0	Yes	5509.1MHz, -64.0dBm	Single burst
15	30	1.0	1817.0	Yes	5490.9MHz, -64.0dBm	Single burst

Table 9 - 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	28	4.8	194.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	27	1.5	169.0	Yes	5503.4MHz, -64.0dBm	Single burst
3	23	3.8	216.0	Yes	5505.8MHz, -64.0dBm	Single burst
4	26	4.4	175.0	Yes	5508.5MHz, -64.0dBm	Single burst
5	26	1.4	220.0	Yes	5509.1MHz, -64.0dBm	Single burst
6	25	3.9	226.0	Yes	5490.9MHz, -64.0dBm	Single burst
7	24	4.1	187.0	Yes	5492.5MHz, -64.0dBm	Single burst
8	26	3.1	178.0	Yes	5493.9MHz, -64.0dBm	Single burst
9	26	2.4	171.0	Yes	5495.3MHz, -64.0dBm	Single burst
10	24	4.5	188.0	Yes	5498.2MHz, -64.0dBm	Single burst
11	24	1.1	180.0	Yes	5502.1MHz, -64.0dBm	Single burst
12	29	4.8	177.0	Yes	5504.1MHz, -64.0dBm	Single burst
13	25	4.5	156.0	Yes	5507.9MHz, -64.0dBm	Single burst
14	29	4.9	204.0	Yes	5509.1MHz, -64.0dBm	Single burst
15	27	3.6	158.0	Yes	5490.9MHz, -64.0dBm	Single burst
16	25	2.0	154.0	Yes	5491.1MHz, -64.0dBm	Single burst
17	25	1.5	183.0	Yes	5493.6MHz, -64.0dBm	Single burst
18	23	4.1	206.0	Yes	5496.1MHz, -64.0dBm	Single burst
19	26	4.3	181.0	Yes	5498.1MHz, -64.0dBm	Single burst
20	25	2.3	159.0	Yes	5500.9MHz, -64.0dBm	Single burst
21	25	2.2	167.0	Yes	5502.7MHz, -64.0dBm	Single burst
22	28	3.8	213.0	Yes	5506.1MHz, -64.0dBm	Single burst
23	25	2.8	188.0	Yes	5508.9MHz, -64.0dBm	Single burst
24	25	4.7	197.0	Yes	5509.1MHz, -64.0dBm	Single burst
25	26	1.6	166.0	Yes	5490.9MHz, -64.0dBm	Single burst
26	25	1.5	177.0	Yes	5492.3MHz, -64.0dBm	Single burst
27	29	1.3	198.0	Yes	5495.5MHz, -64.0dBm	Single burst
28	26	4.8	224.0	Yes	5498.5MHz, -64.0dBm	Single burst
29	23	3.2	198.0	Yes	5501.7MHz, -64.0dBm	Single burst
30	27	4.5	228.0	Yes	5503.7MHz, -64.0dBm	Single burst

Table 10 - 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	7.8	417.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	17	9.7	227.0	No	5502.8MHz, -64.0dBm	Single burst
3	17	6.5	335.0	No	5502.8MHz, -64.0dBm	Single burst
4	17	9.1	203.0	No	5502.8MHz, -64.0dBm	Single burst
5	16	7.7	349.0	Yes	5502.8MHz, -64.0dBm	Single burst
6	17	7.6	221.0	Yes	5505.7MHz, -64.0dBm	Single burst
7	17	8.7	437.0	Yes	5509.1MHz, -64.0dBm	Single burst
8	17	8.6	340.0	Yes	5490.9MHz, -64.0dBm	Single burst
9	18	9.3	475.0	Yes	5492.6MHz, -64.0dBm	Single burst
10	17	8.0	404.0	Yes	5494.6MHz, -64.0dBm	Single burst
11	17	6.5	382.0	Yes	5495.8MHz, -64.0dBm	Single burst
12	17	7.0	477.0	No	5497.8MHz, -64.0dBm	Single burst
13	16	7.4	276.0	Yes	5497.8MHz, -64.0dBm	Single burst
14	18	8.3	391.0	Yes	5498.9MHz, -64.0dBm	Single burst
15	17	6.3	377.0	Yes	5500.1MHz, -64.0dBm	Single burst
16	17	8.3	434.0	No	5503.4MHz, -64.0dBm	Single burst
17	16	9.1	309.0	Yes	5503.4MHz, -64.0dBm	Single burst
18	18	7.4	245.0	Yes	5505.2MHz, -64.0dBm	Single burst
19	17	7.0	425.0	Yes	5507.1MHz, -64.0dBm	Single burst
20	17	8.4	294.0	Yes	5509.1MHz, -64.0dBm	Single burst
21	18	7.5	456.0	Yes	5490.9MHz, -64.0dBm	Single burst
22	17	7.6	262.0	Yes	5491.7MHz, -64.0dBm	Single burst
23	17	8.6	368.0	Yes	5494.8MHz, -64.0dBm	Single burst
24	16	7.8	390.0	No	5497.3MHz, -64.0dBm	Single burst
25	17	8.8	340.0	Yes	5497.3MHz, -64.0dBm	Single burst
26	17	7.0	340.0	No	5500.4MHz, -64.0dBm	Single burst
27	17	6.2	235.0	Yes	5500.4MHz, -64.0dBm	Single burst
28	16	9.7	436.0	Yes	5501.7MHz, -64.0dBm	Single burst
29	16	8.6	206.0	No	5504.6MHz, -64.0dBm	Single burst
30	18	6.7	244.0	No	5504.6MHz, -64.0dBm	Single burst

Table 11 - 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	14	11.1	421.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	12	15.9	417.0	Yes	5502.4MHz, -64.0dBm	Single burst
3	15	19.2	387.0	Yes	5504.3MHz, -64.0dBm	Single burst
4	15	19.0	484.0	No	5508.1MHz, -64.0dBm	Single burst
5	13	17.4	411.0	Yes	5508.1MHz, -64.0dBm	Single burst
6	12	14.3	416.0	Yes	5509.1MHz, -64.0dBm	Single burst
7	16	16.4	379.0	Yes	5490.9MHz, -64.0dBm	Single burst
8	14	15.3	414.0	No	5491.2MHz, -64.0dBm	Single burst
9	14	15.6	465.0	No	5491.2MHz, -64.0dBm	Single burst
10	14	16.9	363.0	No	5491.2MHz, -64.0dBm	Single burst
11	12	14.2	490.0	No	5491.2MHz, -64.0dBm	Single burst
12	12	18.3	468.0	Yes	5491.2MHz, -64.0dBm	Single burst
13	15	15.6	293.0	Yes	5492.4MHz, -64.0dBm	Single burst
14	14	19.5	218.0	Yes	5493.6MHz, -64.0dBm	Single burst
15	14	19.5	311.0	Yes	5495.3MHz, -64.0dBm	Single burst
16	14	18.7	490.0	Yes	5497.9MHz, -64.0dBm	Single burst
17	13	16.5	451.0	Yes	5501.5MHz, -64.0dBm	Single burst
18	15	17.8	287.0	Yes	5504.8MHz, -64.0dBm	Single burst
19	12	15.0	424.0	No	5506.9MHz, -64.0dBm	Single burst
20	14	16.0	304.0	No	5506.9MHz, -64.0dBm	Single burst
21	16	12.8	361.0	Yes	5506.9MHz, -64.0dBm	Single burst
22	15	16.5	481.0	Yes	5508.3MHz, -64.0dBm	Single burst
23	16	14.4	368.0	No	5509.1MHz, -64.0dBm	Single burst
24	14	11.2	467.0	Yes	5509.1MHz, -64.0dBm	Single burst
25	14	14.5	324.0	Yes	5490.9MHz, -64.0dBm	Single burst
26	15	19.5	438.0	Yes	5492.8MHz, -64.0dBm	Single burst
27	16	16.3	343.0	Yes	5496.2MHz, -64.0dBm	Single burst
28	15	15.7	398.0	No	5497.6MHz, -64.0dBm	Single burst
29	15	17.7	392.0	Yes	5497.6MHz, -64.0dBm	Single burst
30	13	12.3	418.0	Yes	5500.7MHz, -64.0dBm	Single burst

Table 12 - Long Sequence Waveform Summary 20MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -64.0dBm
Trial #2	Detected	5502.1MHz, -64.0dBm
Trial #3	Detected	5504.2MHz, -64.0dBm
Trial #4	Detected	5505.4MHz, -64.0dBm
Trial #5	Detected	5507.2MHz, -64.0dBm
Trial #6	Detected	5492.8MHz, -64.0dBm
Trial #7	NOT Detected	5496.1MHz, -64.0dBm
Trial #8	Detected	5496.1MHz, -64.0dBm
Trial #9	Detected	5498.7MHz, -64.0dBm
Trial #10	NOT Detected	5501.1MHz, -64.0dBm
Trial #11	Detected	5501.1MHz, -64.0dBm
Trial #12	Detected	5504.4MHz, -64.0dBm
Trial #13	NOT Detected	5505.7MHz, -64.0dBm
Trial #14	Detected	5505.7MHz, -64.0dBm
Trial #15	Detected	5507.2MHz, -64.0dBm
Trial #16	Detected	5492.8MHz, -64.0dBm
Trial #17	Detected	5493.2MHz, -64.0dBm
Trial #18	Detected	5494.5MHz, -64.0dBm
Trial #19	NOT Detected	5498.1MHz, -64.0dBm
Trial #20	Detected	5498.1MHz, -64.0dBm
Trial #21	Detected	5501.5MHz, -64.0dBm
Trial #22	Detected	5503.9MHz, -64.0dBm
Trial #23	Detected	5506.8MHz, -64.0dBm
Trial #24	Detected	5507.2MHz, -64.0dBm
Trial #25	Detected	5492.8MHz, -64.0dBm
Trial #26	Detected	5496.4MHz, -64.0dBm
Trial #27	Detected	5499.7MHz, -64.0dBm
Trial #28	Detected	5502.2MHz, -64.0dBm
Trial #29	Detected	5505.7MHz, -64.0dBm
Trial #30	Detected	5507.2MHz, -64.0dBm

Table 13 - 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	2	75.0	7	1629.0	-	0.986754
2	2	80.8	9	1039.0	-	1.354044
3	3	78.3	18	1757.0	1402.0	2.545618
4	1	89.8	9	-	-	3.032424
5	2	70.1	8	1480.0	-	4.164274
6	2	97.4	17	1950.0	-	5.022873
7	2	53.2	19	1109.0	-	6.644065
8	2	82.6	9	1178.0	-	7.144600
9	1	69.0	10	-	-	8.753711
10	2	86.0	12	1221.0	-	9.163487
11	3	50.2	10	1407.0	1227.0	10.289071
12	3	67.0	11	1939.0	1263.0	11.797385

Table 14 - Long Sequence Waveform Trial#2 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.4	9	1460.0	-	0.146058
2	2	75.1	17	1550.0	-	1.016012
3	2	55.6	10	1875.0	-	1.502001
4	2	95.9	17	1933.0	-	2.619003
5	2	53.7	6	1061.0	-	3.204105
6	3	55.4	13	1469.0	1713.0	4.164301
7	2	60.0	17	1504.0	-	4.571471
8	3	93.8	13	1984.0	1694.0	4.998555
9	2	89.4	18	1770.0	-	5.813865
10	2	85.4	9	1585.0	-	6.955127
11	3	60.2	16	1156.0	1908.0	7.094914
12	2	75.3	9	1785.0	-	8.248043
13	2	75.2	20	1315.0	-	8.959886
14	3	56.4	14	1384.0	1802.0	9.610272
15	2	62.9	15	1958.0	-	9.948141
16	1	54.1	6	-	-	11.160069
17	3	52.5	15	1352.0	1165.0	11.591922

Table 15 - Long Sequence Waveform Trial#3 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	69.1	10	1611.0	1912.0	0.242913
2	1	96.7	13	-	-	1.912883
3	1	98.9	7	-	-	2.776906
4	2	86.5	13	1572.0	-	4.222609
5	2	86.6	17	1533.0	-	5.300557
6	1	69.7	13	-	-	6.289202
7	2	93.7	18	1736.0	-	6.827771
8	3	50.0	15	1693.0	1024.0	8.344188
9	1	54.4	12	-	-	8.921010
10	3	86.5	19	1367.0	1594.0	10.829854
11	2	83.6	19	1913.0	-	11.775472

Table 16 - Long Sequence Waveform Trial#4 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	61.2	19	-	-	0.248776
2	3	83.0	6	1787.0	1513.0	1.344832
3	2	67.7	11	1984.0	-	2.123440
4	3	60.6	12	1619.0	1220.0	3.457105
5	3	62.1	19	1656.0	1728.0	4.782211
6	3	50.3	13	1803.0	1718.0	5.701527
7	1	60.2	13	-	-	6.297297
8	1	88.8	5	-	-	7.942388
9	2	85.5	19	1241.0	-	8.264443
10	3	84.0	15	1687.0	1584.0	9.188402
11	2	88.7	16	1985.0	-	10.892652
12	2	64.7	10	1186.0	-	11.937779

Table 17 - Long Sequence Waveform Trial#5 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	92.7	10	-	-	0.624057
2	3	97.2	15	1111.0	1637.0	1.105228
3	1	56.7	8	-	-	1.661152
4	3	64.0	19	1333.0	1020.0	2.745746
5	2	80.9	18	1065.0	-	3.237206
6	2	68.4	15	1338.0	-	4.218821
7	3	65.9	14	1825.0	1945.0	5.022193
8	2	72.6	19	1775.0	-	5.992640
9	2	84.5	17	1837.0	-	6.694659
10	2	82.7	7	1397.0	-	6.854496
11	2	63.3	6	1759.0	-	8.200498
12	2	93.3	8	1048.0	-	8.640012
13	3	52.0	19	1129.0	1017.0	9.226592
14	2	75.3	5	1300.0	-	9.855531
15	2	54.1	7	1003.0	-	10.687864
16	3	76.5	6	1985.0	1956.0	11.662226

Table 18 - Long Sequence Waveform Trial#6 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.2	17	1356.0	-	0.170601
2	2	54.2	6	1953.0	-	1.700527
3	2	84.8	10	1150.0	-	2.921424
4	3	71.5	16	1216.0	1368.0	3.796153
5	2	51.2	18	1732.0	-	4.642741
6	2	54.0	8	1399.0	-	5.608114
7	2	65.4	16	1025.0	-	6.237217
8	2	71.1	14	1504.0	-	7.979370
9	2	64.4	6	1225.0	-	8.409743
10	3	87.6	13	1719.0	1907.0	9.945214
11	1	51.8	18	-	-	10.267887
12	2	62.7	10	1173.0	-	11.043310

Table 19 - Long Sequence Waveform Trial#7 (NOT Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.6	10	-	-	0.550547
2	1	58.0	14	-	-	1.054759
3	2	94.5	7	1691.0	-	1.824344
4	1	91.3	11	-	-	2.401491
5	2	95.3	13	1508.0	-	2.958192
6	2	60.7	10	1453.0	-	3.469817
7	3	61.8	16	1001.0	1564.0	4.369000
8	2	92.8	16	1537.0	-	4.739769
9	1	83.9	10	-	-	5.253961
10	3	93.2	9	1890.0	1608.0	5.893670
11	1	92.8	11	-	-	6.700929
12	1	89.2	11	-	-	7.171501
13	1	65.5	13	-	-	7.702745
14	2	84.0	19	1253.0	-	8.812462
15	2	52.2	15	1927.0	-	8.995101
16	2	80.3	13	1429.0	-	9.762454
17	3	73.3	8	1984.0	1424.0	10.187481
18	1	59.6	7	-	-	10.900554
19	1	81.9	13	-	-	11.853383

Table 20 - 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	3	61.3	10	1108.0	1803.0	0.519321
2	3	74.9	19	1208.0	1921.0	0.821059
3	3	75.0	19	1621.0	1630.0	1.679663
4	2	58.7	17	1936.0	-	2.434237
5	2	50.8	5	1221.0	-	3.149112
6	1	59.6	5	-	-	3.614573
7	3	71.7	18	1544.0	1854.0	4.400955
8	1	72.3	6	-	-	4.976646
9	2	85.0	19	1340.0	-	6.106889
10	2	80.5	6	1285.0	-	6.716070
11	1	92.4	12	-	-	7.654869
12	2	95.8	10	1755.0	-	7.946296
13	2	65.5	16	1870.0	-	8.737457
14	3	62.6	6	1067.0	1741.0	9.466306
15	1	88.2	7	-	-	10.126415
16	3	62.4	10	1891.0	1722.0	10.677318
17	1	64.2	9	-	-	11.306694

Table 21 - Long Sequence Waveform Trial#9 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	68.4	12	-	-	0.098450
2	2	75.3	14	1570.0	-	1.306692
3	1	65.4	14	-	-	1.586354
4	2	94.9	10	1068.0	-	2.508814
5	3	71.1	9	1635.0	1659.0	3.331711
6	2	89.4	7	1138.0	-	4.147154
7	3	53.6	12	1352.0	1349.0	4.499130
8	3	96.3	9	1101.0	1227.0	5.081229
9	2	69.8	16	1170.0	-	5.649690
10	2	89.8	6	1538.0	-	6.724745
11	2	80.0	17	1669.0	-	7.270733
12	2	74.9	20	1947.0	-	7.910013
13	2	92.7	19	1141.0	-	9.118523
14	2	53.2	11	1305.0	-	9.353597
15	3	72.3	19	1012.0	1999.0	10.096454
16	1	97.3	9	-	-	11.184034
17	2	93.5	9	1698.0	-	11.382977

Table 22 - Long Sequence Waveform Trial#10 (NOT Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.9	14	1316.0	1128.0	0.625718
2	1	54.5	14	-	-	0.833768
3	2	64.2	15	1726.0	-	2.064852
4	3	58.9	15	1896.0	1157.0	2.568320
5	2	96.0	17	1921.0	-	3.541957
6	1	95.5	7	-	-	4.475098
7	2	65.7	20	1704.0	-	4.502856
8	2	69.7	16	1034.0	-	5.361440
9	3	53.3	16	1319.0	1853.0	6.278929
10	1	82.7	14	-	-	6.901443
11	2	63.0	17	1297.0	-	7.724402
12	1	81.7	11	-	-	8.399987
13	1	55.2	18	-	-	9.614066
14	2	97.8	14	1983.0	-	10.188409
15	2	92.4	12	1170.0	-	10.573124
16	2	92.5	18	1992.0	-	11.847548

Table 23 - 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	71.4	17	1321.0	1955.0	0.051879
2	2	99.9	12	1212.0	-	0.904963
3	1	62.0	5	-	-	1.364193
4	2	85.0	20	1470.0	-	2.247059
5	1	85.0	15	-	-	3.061055
6	2	85.7	15	1123.0	-	3.777513
7	1	56.2	9	-	-	4.255975
8	3	97.2	13	1891.0	1916.0	4.842687
9	2	71.1	6	1587.0	-	5.803617
10	3	70.1	9	1245.0	1764.0	6.187857
11	1	55.6	6	-	-	7.291356
12	2	51.2	18	1608.0	-	7.418441
13	2	90.8	14	1171.0	-	8.449265
14	3	59.5	5	1904.0	1265.0	8.809305
15	2	88.5	5	1192.0	-	9.870978
16	2	68.5	9	1329.0	-	10.379411
17	3	57.2	17	1653.0	1783.0	11.194698
18	2	57.0	17	1898.0	-	11.735381

Table 24 - 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	2	78.8	18	1664.0	-	0.626206
2	2	60.1	16	1846.0	-	1.252830
3	1	72.2	8	-	-	1.509502
4	2	95.8	6	1992.0	-	2.061597
5	3	88.4	6	1754.0	1282.0	2.792299
6	2	87.8	7	1757.0	-	3.344445
7	1	88.0	12	-	-	3.812570
8	1	100.0	7	-	-	4.961494
9	2	99.9	20	1563.0	-	5.671445
10	1	72.3	12	-	-	6.231004
11	2	52.2	15	1687.0	-	6.876171
12	3	63.3	6	1259.0	1115.0	7.327513
13	2	61.4	18	1139.0	-	7.665129
14	3	82.9	8	1640.0	1311.0	8.823150
15	3	52.4	20	1871.0	1148.0	9.440533
16	2	58.5	10	1940.0	-	9.784000
17	1	64.3	7	-	-	10.324778
18	3	76.3	13	1385.0	1415.0	11.114701
19	3	91.9	5	1871.0	1785.0	11.982558

Table 25 - Long Sequence Waveform Trial#13 (NOT Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	65.9	8	1013.0	1348.0	0.387453
2	3	57.6	11	1256.0	1879.0	1.057206
3	2	85.2	7	1422.0	-	2.223748
4	2	78.6	14	1033.0	-	2.905695
5	2	59.2	17	1036.0	-	3.141505
6	1	90.9	19	-	-	3.958761
7	2	83.7	19	1677.0	-	5.148177
8	3	64.3	14	1831.0	1696.0	5.509537
9	2	70.8	5	1372.0	-	6.650133
10	3	72.7	16	1037.0	1384.0	7.453104
11	2	79.0	17	1169.0	-	7.802465
12	1	99.4	19	-	-	8.335572
13	2	77.6	13	1594.0	-	9.084773
14	2	97.3	15	1922.0	-	10.424918
15	2	87.0	7	1961.0	-	11.213643
16	3	93.6	10	1569.0	1292.0	11.684595

Table 26 - Long Sequence Waveform Trial#14 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	74.7	5	1944.0	1403.0	0.016540
2	1	98.6	18	-	-	1.265555
3	3	57.6	7	1368.0	1731.0	1.739175
4	2	76.6	15	1164.0	-	2.653258
5	3	86.3	15	1082.0	1001.0	3.222794
6	1	59.4	14	-	-	3.568845
7	2	76.0	19	1509.0	-	4.265640
8	2	99.7	12	1076.0	-	4.766221
9	2	53.9	8	1631.0	-	5.752291
10	3	73.7	8	1513.0	1833.0	6.589452
11	1	63.1	6	-	-	6.746240
12	3	89.5	18	1240.0	1475.0	7.623919
13	1	56.3	13	-	-	8.610398
14	3	66.2	15	1376.0	1784.0	8.993058
15	1	73.3	20	-	-	9.527803
16	2	86.8	9	1248.0	-	10.607113
17	2	88.6	15	1210.0	-	11.305185
18	2	97.4	8	1550.0	-	11.800531

Table 27 - Long Sequence Waveform Trial#15 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.0	16	1440.0	-	0.571382
2	3	64.1	18	1519.0	1869.0	1.237360
3	3	68.1	14	1156.0	1086.0	2.238390
4	3	83.6	7	1284.0	1238.0	3.244151
5	2	84.3	11	1794.0	-	4.139469
6	2	60.2	5	1370.0	-	5.115153
7	2	85.1	15	1931.0	-	5.757179
8	3	82.9	11	1614.0	1148.0	6.388967
9	2	64.0	14	1562.0	-	7.477735
10	3	82.8	17	1407.0	1137.0	7.907145
11	3	58.8	7	1744.0	1756.0	8.784802
12	1	81.7	9	-	-	9.440369
13	2	96.4	7	1527.0	-	10.967418
14	2	62.5	14	1843.0	-	11.576483

Table 28 - Long Sequence Waveform Trial#16 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	94.2	10	-	-	0.623476
2	2	65.4	12	1269.0	-	1.145971
3	1	99.3	13	-	-	1.843054
4	2	87.8	17	1976.0	-	2.294584
5	2	94.9	14	1406.0	-	3.058425
6	3	67.2	10	1751.0	1378.0	3.882230
7	2	71.8	20	1770.0	-	4.618910
8	1	96.1	5	-	-	5.492357
9	2	58.6	14	1958.0	-	5.723697
10	1	87.2	18	-	-	6.392141
11	2	92.8	15	1562.0	-	7.692770
12	3	64.0	6	1095.0	1751.0	7.986582
13	3	92.0	13	1989.0	1672.0	8.615720
14	3	58.0	7	1517.0	1715.0	9.843454
15	3	81.1	11	1415.0	1796.0	9.978177
16	2	64.0	9	1054.0	-	10.737738
17	2	95.5	5	1150.0	-	11.356493

Table 29 - Long Sequence Waveform Trial#17 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	65.8	7	1936.0	1710.0	0.137526
2	3	94.4	20	1969.0	1485.0	1.088543
3	2	77.4	8	1323.0	-	1.854739
4	2	77.5	15	1945.0	-	2.451434
5	2	76.1	6	1572.0	-	3.365786
6	2	87.0	13	1446.0	-	4.480886
7	3	72.0	14	1833.0	1464.0	4.635608
8	2	57.8	11	1460.0	-	5.372354
9	3	58.5	11	1304.0	1969.0	6.656907
10	3	80.4	8	1409.0	1872.0	7.260782
11	2	80.0	19	1197.0	-	7.692460
12	2	85.0	18	1653.0	-	8.401515
13	1	58.3	7	-	-	9.262245
14	3	80.0	15	1935.0	1645.0	10.475220
15	3	83.4	15	1757.0	1792.0	10.940702
16	1	96.8	20	-	-	11.617367

Table 30 - Long Sequence Waveform Trial#18 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	82.5	15	-	-	1.112037
2	1	90.7	5	-	-	1.204908
3	2	89.5	14	1034.0	-	3.167495
4	3	75.8	12	1766.0	1272.0	3.644123
5	2	74.5	16	1235.0	-	4.928014
6	3	80.0	5	1641.0	1145.0	6.303781
7	2	60.6	12	1273.0	-	7.684938
8	1	50.2	17	-	-	9.407223
9	3	60.0	11	1205.0	1877.0	10.599857
10	3	52.3	10	1292.0	1002.0	11.880080

Table 31 - Long Sequence Waveform Trial#19 (NOT Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.1	18	1973.0	-	0.748049
2	1	67.6	8	-	-	1.945268
3	2	65.3	14	1457.0	-	4.247347
4	2	77.7	14	1611.0	-	5.574107
5	2	78.9	11	1278.0	-	6.092700
6	2	78.2	14	1441.0	-	8.602906
7	2	92.8	8	1653.0	-	9.807309
8	1	73.8	15	-	-	11.863951

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

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.1	15	1467.0	1276.0	0.763256
2	1	78.5	18	-	-	1.688338
3	3	65.8	11	1672.0	1849.0	2.110311
4	2	57.2	20	1011.0	-	3.396263
5	2	55.7	19	1899.0	-	3.906350
6	2	86.0	18	1957.0	-	4.953260
7	2	52.5	18	1955.0	-	5.926035
8	2	58.9	8	1513.0	-	6.559059
9	2	58.3	16	1555.0	-	7.410151
10	2	64.4	6	1778.0	-	7.941947
11	3	54.8	13	1951.0	1265.0	9.311271
12	2	85.0	7	1535.0	-	10.143543
13	2	72.5	9	1590.0	-	11.016059
14	2	89.7	15	1086.0	-	11.420373

Table 33 - Long Sequence Waveform Trial#21 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.4	14	1661.0	-	1.044197
2	2	70.3	19	1751.0	-	1.945935
3	2	67.8	9	1768.0	-	2.864973
4	2	54.0	12	1624.0	-	5.006428
5	3	70.3	16	1362.0	1626.0	6.568600
6	2	69.5	11	1774.0	-	7.351543
7	2	96.5	11	1839.0	-	8.201176
8	2	57.3	16	1541.0	-	9.687749
9	1	75.5	17	-	-	11.648319

Table 34 - Long Sequence Waveform Trial#22 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.4	16	-	-	0.366696
2	2	89.7	7	1201.0	-	1.343518
3	3	68.6	12	1848.0	1914.0	2.041730
4	3	85.6	19	1457.0	1559.0	3.046935
5	2	92.6	13	1205.0	-	4.213207
6	2	69.4	7	1377.0	-	4.815544
7	2	69.4	14	1865.0	-	5.581603
8	1	89.1	10	-	-	7.071047
9	2	81.1	18	1378.0	-	7.886451
10	2	69.6	8	1373.0	-	8.364110
11	3	77.4	13	1667.0	1695.0	9.972424
12	1	74.9	19	-	-	10.866780
13	2	60.7	8	1830.0	-	11.808536

Table 35 - Long Sequence Waveform Trial#23 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.1	12	1165.0	-	0.909600
2	2	72.1	6	1909.0	-	1.604876
3	2	60.5	18	1397.0	-	2.011861
4	3	87.9	6	1890.0	1058.0	3.409592
5	1	81.8	7	-	-	3.964082
6	3	55.6	7	1207.0	1888.0	4.615403
7	2	70.0	9	1427.0	-	5.981954
8	2	69.1	6	1140.0	-	6.626945
9	1	54.0	20	-	-	8.058730
10	3	65.1	11	1002.0	1534.0	8.687744
11	1	75.6	10	-	-	9.541220
12	1	85.8	6	-	-	11.026474
13	1	71.8	6	-	-	11.765584

Table 36 - Long Sequence Waveform Trial#24 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.8	13	1731.0	-	0.632250
2	3	81.7	15	1643.0	1753.0	0.872385
3	2	73.0	12	1541.0	-	2.107688
4	3	51.9	5	1825.0	1337.0	2.902735
5	2	99.5	15	1325.0	-	3.400427
6	2	74.0	13	1328.0	-	4.397571
7	1	72.1	14	-	-	5.052797
8	1	59.9	11	-	-	6.316650
9	2	81.7	15	1349.0	-	6.439121
10	1	51.5	14	-	-	7.392241
11	2	52.4	19	1399.0	-	8.715365
12	1	69.8	7	-	-	9.416108
13	2	84.0	16	1734.0	-	9.627047
14	2	83.4	16	1498.0	-	10.660823
15	2	60.0	7	1484.0	-	11.349633

Table 37 - Long Sequence Waveform Trial#25 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.3	17	1606.0	-	0.154726
2	1	72.6	15	-	-	2.110102
3	3	90.5	11	1181.0	1852.0	3.408411
4	2	64.1	19	1452.0	-	3.825391
5	2	64.2	8	1554.0	-	5.013399
6	3	86.2	10	1033.0	1489.0	6.991827
7	1	91.8	5	-	-	7.887665
8	2	78.6	11	1931.0	-	8.732595
9	1	60.1	14	-	-	10.495343
10	2	95.2	17	1017.0	-	11.678255

Table 38 - Long Sequence Waveform Trial#26 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	97.4	9	-	-	0.017748
2	2	66.1	15	1211.0	-	1.194790
3	2	74.2	16	1855.0	-	1.496601
4	1	82.6	17	-	-	1.801138
5	3	81.1	18	1209.0	1248.0	2.827498
6	2	62.1	13	1145.0	-	3.037997
7	2	77.5	12	1721.0	-	3.676005
8	2	81.3	6	1217.0	-	4.386944
9	2	57.3	20	1902.0	-	5.119478
10	1	77.3	18	-	-	5.470877
11	2	69.5	20	1647.0	-	6.565883
12	3	86.1	14	1572.0	1925.0	6.680002
13	2	54.5	19	1355.0	-	7.581557
14	1	99.2	14	-	-	8.348763
15	1	54.1	5	-	-	8.679033
16	3	62.0	18	1725.0	1221.0	9.528306
17	1	87.3	9	-	-	9.741954
18	2	55.2	20	1130.0	-	10.695763
19	2	79.5	11	1542.0	-	10.865863
20	1	50.5	10	-	-	11.931144

Table 39 - Long Sequence Waveform Trial#27 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.5	9	1389.0	-	0.178928
2	2	71.1	10	1887.0	-	0.989158
3	1	90.3	11	-	-	1.628151
4	2	53.2	7	1345.0	-	2.615204
5	3	76.4	5	1456.0	1220.0	3.078097
6	1	81.8	9	-	-	3.757793
7	2	57.0	15	1766.0	-	4.550432
8	3	63.2	15	1262.0	1207.0	4.672373
9	2	94.6	13	1571.0	-	5.425759
10	1	57.1	8	-	-	6.563436
11	2	97.9	19	1090.0	-	6.867904
12	2	76.4	5	1899.0	-	7.972187
13	3	79.7	20	1391.0	1966.0	8.131145
14	3	98.4	9	1338.0	1343.0	9.233809
15	2	99.5	5	1417.0	-	9.409150
16	1	94.1	20	-	-	10.181600
17	2	67.9	9	1134.0	-	10.755252
18	3	54.8	14	1218.0	1285.0	11.560650

Table 40 - Long Sequence Waveform Trial#28 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.6	13	1246.0	-	0.589529
2	3	60.1	13	1161.0	1260.0	2.124857
3	2	92.1	13	1067.0	-	3.591148
4	2	69.4	20	1139.0	-	4.221268
5	2	72.3	19	1331.0	-	5.876159
6	1	94.2	12	-	-	7.680897
7	2	56.2	7	1190.0	-	8.820840
8	1	92.2	11	-	-	10.531965
9	2	61.6	8	1679.0	-	10.842797

Table 41 - Long Sequence Waveform Trial#29 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.3	9	-	-	0.418758
2	2	84.6	7	1145.0	-	1.698388
3	2	74.5	13	1759.0	-	2.527589
4	1	65.9	8	-	-	3.672500
5	3	77.6	12	1475.0	1814.0	3.831564
6	2	72.7	19	1570.0	-	5.512702
7	2	83.5	15	1362.0	-	6.036114
8	3	51.9	13	1395.0	1040.0	7.297552
9	2	70.9	16	1624.0	-	8.302351
10	1	99.1	11	-	-	8.967265
11	2	83.1	10	1512.0	-	10.127384
12	2	70.2	17	1710.0	-	10.989148
13	2	93.8	15	1661.0	-	11.290962

Table 42 - 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	1	51.7	16	-	-	0.100501
2	2	63.1	12	1309.0	-	1.199968
3	2	64.0	19	1335.0	-	1.935111
4	3	71.9	12	1059.0	1817.0	2.815044
5	2	71.3	11	1012.0	-	4.420361
6	3	80.6	7	1888.0	1539.0	4.659509
7	2	65.1	10	1651.0	-	5.981872
8	3	85.9	17	1380.0	1941.0	6.721905
9	3	90.7	10	1153.0	1631.0	7.838269
10	2	51.6	14	1120.0	-	9.087378
11	2	88.7	10	1673.0	-	9.767637
12	2	77.8	8	1117.0	-	10.364400
13	2	74.8	15	1783.0	-	11.398584

Table 43 - 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	5490.9MHz, -64.0dBm	Hop sequence: 5431, 5528, 5377, 5582, 5405, 5317, 5328, 5307, 5671, 5606, 5681, 5329, 5521, 5644, 5494, 5451, 5559, 5711, 5436, 5414, 5339, 5540, 5384, 5250, 5514, 5350, 5585, 5615, 5718, 5293, 5290, 5295, 5688, 5454, 5698, 5394, 5625, 5385, 5415, 5471, 5325, 5439, 5658, 5682, 5371, 5542, 5278, 5310, 5499, 5258, 5543, 5403, 5518, 5306, 5254, 5516, 5283, 5685, 5706, 5280, 5260, 5571, 5712, 5361, 5416, 5495, 5391, 5449, 5562, 5648, 5563, 5667, 5511, 5269, 5493, 5383, 5341, 5702, 5321, 5311, 5489, 5587, 5313, 5263, 5591, 5265, 5603, 5408, 5392, 5351, 5695, 5301, 5492, 5620, 5703, 5721, 5619, 5535, 5362, 5267 (5 hits) (05/02/2016 11:24:18 AM)
2	9	1.0	333.0	No	5491.9MHz, -64.0dBm	Hop sequence: 5416, 5325, 5546, 5670, 5598, 5575, 5457, 5469, 5380, 5530, 5643, 5403, 5387, 5354, 5666, 5422, 5472, 5664, 5594, 5509, 5505, 5622, 5671, 5310, 5415, 5555, 5420, 5295, 5492, 5394, 5657, 5707, 5344, 5445, 5559, 5539, 5659, 5284, 5614, 5466, 5352, 5421, 5681, 5475, 5554, 5489, 5470, 5474, 5522, 5672, 5586, 5572, 5478, 5461, 5576, 5363, 5580, 5276, 5524, 5471, 5633, 5585, 5306, 5611, 5301, 5305, 5549, 5669, 5463, 5303, 5448, 5357, 5706, 5275, 5587, 5596, 5311, 5678, 5615, 5399, 5407, 5719, 5342, 5323, 5536, 5288, 5712, 5413, 5716, 5411, 5562, 5280, 5526, 5529, 5481, 5588, 5660, 5440, 5417, 5268 (3 hits) (05/02/2016 11:24:37 AM)
3	9	1.0	333.0	Yes	5492.9MHz, -64.0dBm	Hop sequence: 5589, 5552, 5690, 5287, 5629, 5268, 5523, 5666, 5679, 5587, 5527, 5370, 5672, 5330, 5442, 5435, 5686, 5489, 5555, 5608, 5291, 5354, 5501, 5545, 5446, 5537, 5515, 5499, 5665, 5395, 5512, 5644, 5401, 5408, 5271, 5599, 5416, 5417, 5385, 5426, 5431, 5355, 5709, 5553, 5592, 5300, 5604, 5591,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5622, 5593, 5594, 5455, 5699, 5326, 5712, 5561, 5558, 5682, 5596, 5503, 5397, 5315, 5297, 5705, 5511, 5490, 5606, 5254, 5358, 5411, 5659, 5278, 5507, 5505, 5532, 5653, 5312, 5658, 5517, 5519, 5497, 5468, 5585, 5639, 5352, 5371, 5677, 5617, 5342, 5308, 5635, 5707, 5447, 5461, 5412, 5710, 5400, 5693, 5284, 5634 (6 hits) (05/02/2016 11:24:55 AM)
4	9	1.0	333.0	No	5493.9MHz, -64.0dBm	Hop sequence: 5283, 5559, 5410, 5575, 5589, 5654, 5486, 5335, 5655, 5611, 5380, 5571, 5377, 5529, 5660, 5579, 5456, 5356, 5619, 5694, 5372, 5566, 5485, 5389, 5450, 5705, 5651, 5684, 5441, 5302, 5599, 5643, 5394, 5476, 5704, 5256, 5458, 5400, 5531, 5277, 5591, 5436, 5710, 5447, 5656, 5319, 5695, 5399, 5268, 5424, 5474, 5624, 5631, 5608, 5613, 5583, 5498, 5658, 5632, 5683, 5546, 5514, 5470, 5674, 5576, 5344, 5539, 5662, 5393, 5524, 5637, 5657, 5341, 5326, 5305, 5374, 5395, 5479, 5510, 5342, 5360, 5403, 5515, 5621, 5585, 5453, 5661, 5349, 5543, 5582, 5706, 5522, 5468, 5382, 5518, 5491, 5313, 5359, 5459, 5299 (2 hits) (05/02/2016 11:25:11 AM)
5	9	1.0	333.0	Yes	5494.9MHz, -64.0dBm	Hop sequence: 5551, 5520, 5479, 5634, 5720, 5382, 5289, 5489, 5303, 5456, 5682, 5265, 5527, 5320, 5475, 5679, 5512, 5578, 5657, 5674, 5497, 5431, 5566, 5684, 5310, 5419, 5368, 5601, 5432, 5696, 5276, 5555, 5428, 5648, 5262, 5576, 5579, 5384, 5683, 5560, 5722, 5351, 5372, 5647, 5691, 5638, 5484, 5525, 5546, 5661, 5699, 5724, 5283, 5319, 5664, 5313, 5644, 5624, 5723, 5673, 5713, 5339, 5366, 5429, 5522, 5460, 5534, 5440, 5486, 5388, 5447, 5514, 5349, 5629, 5301, 5446, 5676, 5503, 5616, 5291, 5296, 5352, 5375, 5373, 5721, 5614, 5253, 5726, 5360, 5367, 5459, 5356, 5325, 5348, 5466, 5725, 5482, 5584, 5457, 5259 (2 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:25:31 AM)
6	9	1.0	333.0	Yes	5495.9MHz, -64.0dBm	Hop sequence: 5583, 5651, 5665, 5607, 5450, 5520, 5639, 5431, 5669, 5391, 5254, 5594, 5599, 5535, 5688, 5494, 5313, 5596, 5700, 5693, 5527, 5324, 5304, 5631, 5510, 5336, 5393, 5489, 5360, 5505, 5523, 5661, 5402, 5647, 5473, 5282, 5697, 5518, 5653, 5301, 5689, 5681, 5571, 5308, 5346, 5624, 5632, 5565, 5279, 5560, 5403, 5512, 5462, 5529, 5544, 5487, 5533, 5256, 5679, 5341, 5608, 5722, 5558, 5600, 5349, 5709, 5474, 5538, 5426, 5622, 5264, 5409, 5705, 5424, 5275, 5445, 5717, 5620, 5629, 5645, 5586, 5678, 5302, 5399, 5692, 5702, 5601, 5386, 5554, 5273, 5626, 5358, 5521, 5503, 5691, 5400, 5278, 5680, 5470, 5488 (3 hits) (05/02/2016 11:25:48 AM)
7	9	1.0	333.0	Yes	5496.9MHz, -64.0dBm	Hop sequence: 5660, 5274, 5436, 5634, 5459, 5568, 5461, 5484, 5431, 5304, 5401, 5407, 5594, 5466, 5267, 5286, 5463, 5548, 5336, 5521, 5617, 5341, 5552, 5350, 5455, 5709, 5424, 5592, 5322, 5353, 5253, 5543, 5715, 5316, 5596, 5440, 5506, 5576, 5386, 5677, 5390, 5469, 5369, 5721, 5635, 5664, 5581, 5468, 5517, 5288, 5647, 5377, 5625, 5388, 5419, 5392, 5528, 5460, 5639, 5557, 5620, 5262, 5582, 5638, 5360, 5376, 5438, 5435, 5394, 5495, 5380, 5541, 5712, 5696, 5378, 5349, 5578, 5310, 5499, 5725, 5339, 5439, 5456, 5399, 5302, 5642, 5598, 5637, 5505, 5686, 5643, 5327, 5571, 5324, 5690, 5487, 5433, 5605, 5644, 5584 (4 hits) (05/02/2016 11:26:06 AM)
8	9	1.0	333.0	Yes	5497.9MHz, -64.0dBm	Hop sequence: 5725, 5452, 5252, 5569, 5631, 5492, 5459, 5713, 5443, 5253, 5276, 5316, 5716, 5607, 5418, 5341, 5719, 5709, 5343, 5648, 5656, 5322, 5566, 5514, 5381, 5317, 5357, 5277, 5283, 5668, 5603, 5593, 5703, 5570, 5671, 5710, 5458, 5281, 5489, 5579, 5333, 5539, 5711, 5695, 5391, 5420, 5446, 5479,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5466, 5334, 5495, 5269, 5622, 5708, 5258, 5378, 5533, 5382, 5337, 5462, 5444, 5490, 5609, 5356, 5436, 5589, 5626, 5494, 5527, 5522, 5486, 5473, 5663, 5633, 5526, 5599, 5682, 5658, 5314, 5296, 5417, 5291, 5520, 5468, 5485, 5655, 5641, 5662, 5524, 5632, 5410, 5351, 5578, 5720, 5562, 5477, 5335, 5537, 5274, 5649 (3 hits) (05/02/2016 11:26:23 AM)
9	9	1.0	333.0	Yes	5498.9MHz, -64.0dBm	Hop sequence: 5671, 5420, 5536, 5700, 5448, 5575, 5355, 5506, 5417, 5258, 5526, 5350, 5672, 5332, 5690, 5554, 5653, 5340, 5302, 5705, 5316, 5392, 5262, 5538, 5722, 5441, 5549, 5380, 5295, 5415, 5673, 5365, 5502, 5651, 5292, 5573, 5540, 5435, 5684, 5383, 5491, 5283, 5522, 5570, 5667, 5560, 5253, 5467, 5597, 5564, 5314, 5472, 5708, 5418, 5717, 5370, 5399, 5490, 5477, 5532, 5563, 5363, 5489, 5637, 5478, 5455, 5630, 5652, 5623, 5592, 5356, 5619, 5669, 5555, 5395, 5492, 5344, 5621, 5473, 5366, 5274, 5268, 5659, 5259, 5475, 5633, 5288, 5439, 5604, 5278, 5452, 5670, 5252, 5270, 5703, 5631, 5328, 5373, 5579, 5507 (5 hits) (05/02/2016 11:26:41 AM)
10	9	1.0	333.0	Yes	5499.9MHz, -64.0dBm	Hop sequence: 5666, 5371, 5466, 5364, 5283, 5433, 5510, 5688, 5424, 5356, 5652, 5658, 5360, 5318, 5285, 5357, 5538, 5315, 5523, 5527, 5636, 5397, 5564, 5445, 5396, 5272, 5719, 5426, 5680, 5362, 5414, 5323, 5659, 5562, 5662, 5519, 5438, 5325, 5416, 5592, 5546, 5624, 5568, 5508, 5361, 5281, 5260, 5520, 5367, 5468, 5556, 5585, 5334, 5310, 5369, 5408, 5351, 5504, 5542, 5676, 5411, 5461, 5420, 5492, 5639, 5565, 5368, 5616, 5671, 5421, 5621, 5388, 5590, 5304, 5528, 5583, 5500, 5635, 5341, 5612, 5404, 5534, 5502, 5289, 5544, 5322, 5607, 5316, 5646, 5349, 5363, 5645, 5320, 5628, 5387, 5657, 5464, 5712, 5374, 5295 (5 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:26:58 AM)
11	9	1.0	333.0	Yes	5500.9MHz, -64.0dBm	Hop sequence: 5470, 5410, 5386, 5257, 5502, 5550, 5649, 5718, 5687, 5541, 5401, 5472, 5353, 5521, 5395, 5435, 5349, 5707, 5310, 5566, 5415, 5610, 5427, 5515, 5678, 5674, 5644, 5704, 5540, 5368, 5458, 5454, 5642, 5725, 5270, 5348, 5330, 5341, 5660, 5602, 5408, 5438, 5720, 5595, 5481, 5677, 5706, 5665, 5656, 5708, 5261, 5258, 5498, 5339, 5293, 5444, 5405, 5311, 5698, 5501, 5449, 5307, 5526, 5296, 5398, 5437, 5585, 5603, 5463, 5351, 5520, 5525, 5636, 5500, 5696, 5666, 5279, 5702, 5543, 5724, 5630, 5616, 5688, 5387, 5302, 5337, 5283, 5565, 5634, 5436, 5282, 5641, 5303, 5583, 5625, 5251, 5492, 5594, 5323, 5461 (5 hits) (05/02/2016 11:27:19 AM)
12	9	1.0	333.0	Yes	5501.9MHz, -64.0dBm	Hop sequence: 5427, 5558, 5511, 5575, 5342, 5444, 5483, 5704, 5286, 5440, 5670, 5351, 5533, 5374, 5463, 5387, 5599, 5345, 5450, 5540, 5380, 5701, 5682, 5284, 5476, 5666, 5408, 5639, 5447, 5409, 5454, 5452, 5590, 5535, 5303, 5469, 5642, 5644, 5396, 5696, 5722, 5271, 5388, 5307, 5695, 5635, 5516, 5306, 5257, 5443, 5543, 5349, 5571, 5663, 5348, 5300, 5399, 5298, 5506, 5350, 5412, 5416, 5442, 5419, 5555, 5710, 5283, 5363, 5610, 5578, 5260, 5492, 5711, 5356, 5594, 5615, 5495, 5547, 5633, 5717, 5455, 5401, 5699, 5502, 5504, 5498, 5719, 5606, 5611, 5407, 5676, 5344, 5648, 5324, 5265, 5592, 5315, 5697, 5259, 5304 (6 hits) (05/02/2016 11:27:37 AM)
13	9	1.0	333.0	Yes	5502.9MHz, -64.0dBm	Hop sequence: 5685, 5719, 5446, 5442, 5606, 5578, 5615, 5512, 5592, 5311, 5589, 5387, 5363, 5596, 5342, 5611, 5333, 5631, 5602, 5507, 5619, 5456, 5659, 5510, 5563, 5558, 5375, 5416, 5677, 5661, 5581, 5698, 5584, 5540, 5669, 5653, 5410, 5700, 5270, 5496, 5310, 5567, 5388, 5411, 5466, 5434, 5551, 5405,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5271, 5625, 5704, 5564, 5443, 5439, 5293, 5522, 5383, 5713, 5251, 5637, 5381, 5701, 5695, 5300, 5476, 5702, 5561, 5651, 5422, 5480, 5325, 5711, 5483, 5526, 5617, 5320, 5712, 5595, 5502, 5523, 5498, 5346, 5355, 5566, 5508, 5266, 5506, 5317, 5276, 5504, 5354, 5306, 5620, 5708, 5455, 5629, 5340, 5277, 5431, 5665 (7 hits) (05/02/2016 11:27:56 AM)
14	9	1.0	333.0	Yes	5503.9MHz, -64.0dBm	Hop sequence: 5563, 5406, 5384, 5694, 5529, 5514, 5387, 5613, 5684, 5706, 5629, 5519, 5528, 5654, 5505, 5358, 5308, 5324, 5312, 5258, 5331, 5416, 5698, 5273, 5577, 5705, 5560, 5397, 5696, 5477, 5566, 5622, 5542, 5609, 5471, 5452, 5555, 5625, 5468, 5627, 5492, 5462, 5669, 5253, 5261, 5715, 5517, 5548, 5515, 5693, 5677, 5707, 5685, 5523, 5313, 5280, 5722, 5340, 5618, 5456, 5286, 5616, 5615, 5678, 5346, 5546, 5256, 5596, 5379, 5363, 5311, 5681, 5412, 5257, 5571, 5292, 5435, 5432, 5549, 5637, 5404, 5342, 5579, 5415, 5408, 5535, 5343, 5594, 5255, 5414, 5599, 5723, 5442, 5612, 5378, 5724, 5644, 5543, 5537, 5614 (2 hits) (05/02/2016 11:28:42 AM)
15	9	1.0	333.0	Yes	5504.9MHz, -64.0dBm	Hop sequence: 5284, 5343, 5692, 5586, 5553, 5469, 5571, 5647, 5488, 5291, 5319, 5543, 5435, 5429, 5556, 5251, 5585, 5605, 5562, 5355, 5370, 5402, 5367, 5501, 5270, 5592, 5490, 5464, 5697, 5560, 5414, 5388, 5404, 5615, 5337, 5431, 5311, 5557, 5280, 5378, 5650, 5379, 5300, 5583, 5368, 5532, 5503, 5545, 5278, 5542, 5717, 5313, 5513, 5467, 5318, 5271, 5520, 5307, 5496, 5724, 5256, 5390, 5267, 5252, 5570, 5432, 5607, 5514, 5279, 5448, 5425, 5600, 5442, 5321, 5590, 5316, 5662, 5460, 5707, 5498, 5602, 5357, 5623, 5406, 5645, 5616, 5353, 5723, 5459, 5290, 5663, 5272, 5456, 5485, 5700, 5499, 5417, 5455, 5483, 5517 (5 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:29:01 AM)
16	9	1.0	333.0	Yes	5505.9MHz, -64.0dBm	Hop sequence: 5713, 5489, 5639, 5502, 5289, 5561, 5380, 5358, 5432, 5296, 5567, 5509, 5668, 5501, 5584, 5272, 5652, 5420, 5406, 5566, 5324, 5499, 5356, 5417, 5564, 5477, 5424, 5516, 5505, 5259, 5372, 5599, 5657, 5297, 5589, 5530, 5696, 5524, 5643, 5339, 5414, 5656, 5354, 5383, 5407, 5258, 5371, 5418, 5437, 5323, 5322, 5394, 5299, 5441, 5466, 5294, 5367, 5434, 5336, 5449, 5682, 5261, 5321, 5412, 5337, 5492, 5542, 5286, 5342, 5374, 5493, 5393, 5586, 5641, 5581, 5558, 5487, 5591, 5447, 5563, 5270, 5631, 5554, 5392, 5531, 5636, 5629, 5391, 5361, 5453, 5557, 5562, 5351, 5619, 5398, 5370, 5397, 5498, 5377, 5481 (8 hits) (05/02/2016 11:29:19 AM)
17	9	1.0	333.0	Yes	5506.9MHz, -64.0dBm	Hop sequence: 5287, 5465, 5539, 5334, 5389, 5557, 5384, 5635, 5685, 5600, 5701, 5636, 5439, 5655, 5301, 5510, 5682, 5279, 5273, 5481, 5704, 5317, 5720, 5587, 5358, 5414, 5691, 5445, 5617, 5325, 5711, 5712, 5571, 5698, 5577, 5284, 5472, 5652, 5567, 5504, 5357, 5482, 5371, 5614, 5588, 5552, 5508, 5454, 5450, 5455, 5681, 5410, 5564, 5452, 5377, 5288, 5362, 5519, 5531, 5716, 5480, 5333, 5374, 5404, 5518, 5676, 5547, 5261, 5613, 5660, 5523, 5290, 5537, 5413, 5281, 5651, 5565, 5512, 5683, 5706, 5601, 5264, 5699, 5293, 5272, 5713, 5393, 5394, 5680, 5463, 5453, 5347, 5364, 5397, 5529, 5554, 5368, 5363, 5497, 5328 (3 hits) (05/02/2016 11:29:35 AM)
18	9	1.0	333.0	Yes	5507.9MHz, -64.0dBm	Hop sequence: 5498, 5699, 5253, 5674, 5469, 5667, 5495, 5686, 5630, 5511, 5600, 5260, 5591, 5661, 5701, 5558, 5518, 5637, 5509, 5614, 5514, 5569, 5391, 5606, 5286, 5573, 5645, 5537, 5647, 5364, 5461, 5431, 5643, 5301, 5642, 5303, 5658, 5503, 5254, 5613, 5617, 5627, 5610, 5325, 5506, 5419, 5402, 5582,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5719, 5523, 5452, 5315, 5428, 5607, 5433, 5718, 5563, 5330, 5372, 5671, 5462, 5276, 5283, 5476, 5625, 5705, 5417, 5631, 5693, 5722, 5397, 5580, 5524, 5707, 5697, 5274, 5314, 5271, 5633, 5666, 5530, 5451, 5565, 5708, 5526, 5262, 5641, 5604, 5375, 5715, 5250, 5677, 5350, 5634, 5308, 5475, 5438, 5543, 5369, 5648 (5 hits) (05/02/2016 11:29:51 AM)
19	9	1.0	333.0	Yes	5508.9MHz, -64.0dBm	Hop sequence: 5644, 5638, 5720, 5683, 5723, 5251, 5433, 5716, 5478, 5549, 5684, 5533, 5703, 5253, 5416, 5673, 5298, 5583, 5475, 5453, 5648, 5724, 5521, 5667, 5660, 5385, 5410, 5374, 5279, 5557, 5448, 5472, 5508, 5563, 5322, 5348, 5452, 5336, 5293, 5553, 5678, 5706, 5476, 5482, 5361, 5666, 5591, 5620, 5633, 5614, 5628, 5270, 5325, 5712, 5265, 5276, 5481, 5349, 5506, 5646, 5284, 5272, 5339, 5589, 5417, 5603, 5315, 5627, 5484, 5702, 5587, 5682, 5518, 5267, 5640, 5288, 5643, 5335, 5676, 5375, 5611, 5418, 5501, 5401, 5529, 5474, 5637, 5520, 5714, 5310, 5726, 5381, 5316, 5625, 5503, 5697, 5615, 5699, 5477, 5544 (4 hits) (05/02/2016 11:30:11 AM)
20	9	1.0	333.0	Yes	5509.1MHz, -64.0dBm	Hop sequence: 5478, 5390, 5683, 5546, 5560, 5538, 5620, 5669, 5531, 5255, 5659, 5470, 5381, 5692, 5533, 5489, 5251, 5329, 5345, 5334, 5607, 5686, 5448, 5513, 5719, 5586, 5278, 5584, 5600, 5570, 5272, 5610, 5500, 5624, 5355, 5364, 5597, 5487, 5469, 5425, 5262, 5274, 5322, 5642, 5587, 5503, 5475, 5694, 5673, 5308, 5668, 5430, 5608, 5543, 5573, 5358, 5436, 5277, 5372, 5593, 5652, 5471, 5627, 5634, 5552, 5368, 5718, 5477, 5295, 5617, 5467, 5693, 5527, 5567, 5574, 5341, 5708, 5327, 5319, 5615, 5723, 5326, 5454, 5473, 5604, 5396, 5384, 5316, 5508, 5590, 5294, 5540, 5524, 5459, 5611, 5521, 5580, 5275, 5363, 5505 (4 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:30:27 AM)
21	9	1.0	333.0	Yes	5490.9MHz, -64.0dBm	Hop sequence: 5622, 5503, 5642, 5287, 5667, 5370, 5543, 5521, 5632, 5356, 5526, 5534, 5364, 5700, 5330, 5583, 5592, 5309, 5379, 5722, 5300, 5688, 5539, 5282, 5395, 5366, 5624, 5682, 5522, 5647, 5709, 5397, 5303, 5573, 5627, 5517, 5726, 5400, 5559, 5601, 5626, 5347, 5643, 5575, 5712, 5510, 5533, 5313, 5689, 5345, 5391, 5476, 5273, 5585, 5506, 5551, 5354, 5638, 5704, 5680, 5427, 5518, 5401, 5437, 5725, 5608, 5260, 5250, 5377, 5459, 5316, 5454, 5614, 5679, 5332, 5474, 5447, 5655, 5607, 5571, 5595, 5699, 5302, 5599, 5669, 5285, 5307, 5558, 5341, 5390, 5686, 5299, 5625, 5606, 5572, 5525, 5386, 5336, 5322, 5683 (2 hits) (05/02/2016 11:30:46 AM)
22	9	1.0	333.0	Yes	5491.9MHz, -64.0dBm	Hop sequence: 5289, 5369, 5543, 5437, 5720, 5607, 5699, 5657, 5348, 5547, 5583, 5689, 5476, 5380, 5601, 5659, 5323, 5376, 5632, 5656, 5575, 5655, 5697, 5283, 5260, 5326, 5332, 5692, 5717, 5366, 5325, 5423, 5651, 5534, 5475, 5687, 5410, 5517, 5313, 5650, 5412, 5624, 5590, 5417, 5257, 5398, 5308, 5456, 5634, 5591, 5439, 5485, 5298, 5302, 5690, 5678, 5458, 5661, 5424, 5698, 5665, 5695, 5340, 5670, 5549, 5641, 5275, 5525, 5497, 5329, 5540, 5546, 5364, 5299, 5401, 5578, 5414, 5507, 5261, 5696, 5652, 5610, 5550, 5640, 5506, 5725, 5587, 5466, 5496, 5411, 5712, 5570, 5328, 5379, 5582, 5668, 5703, 5545, 5384, 5658 (4 hits) (05/02/2016 11:31:03 AM)
23	9	1.0	333.0	Yes	5492.9MHz, -64.0dBm	Hop sequence: 5310, 5651, 5332, 5589, 5392, 5531, 5353, 5294, 5285, 5569, 5660, 5647, 5585, 5652, 5649, 5350, 5579, 5426, 5560, 5373, 5351, 5487, 5527, 5613, 5639, 5713, 5481, 5483, 5262, 5607, 5419, 5391, 5646, 5433, 5485, 5395, 5693, 5413, 5545, 5634, 5557, 5363, 5424, 5643, 5407, 5347, 5662, 5283,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5629, 5575, 5275, 5542, 5706, 5645, 5558, 5364, 5331, 5642, 5664, 5551, 5295, 5252, 5605, 5357, 5403, 5705, 5339, 5620, 5499, 5587, 5369, 5448, 5546, 5415, 5377, 5367, 5469, 5675, 5704, 5553, 5712, 5574, 5402, 5372, 5260, 5505, 5436, 5375, 5523, 5259, 5422, 5672, 5626, 5514, 5714, 5482, 5657, 5703, 5690, 5722 (2 hits) (05/02/2016 11:31:19 AM)
24	9	1.0	333.0	Yes	5493.9MHz, -64.0dBm	Hop sequence: 5541, 5473, 5625, 5524, 5545, 5682, 5464, 5635, 5726, 5695, 5328, 5718, 5538, 5380, 5518, 5427, 5450, 5571, 5317, 5513, 5657, 5365, 5707, 5405, 5295, 5319, 5384, 5603, 5624, 5528, 5381, 5649, 5678, 5457, 5307, 5647, 5690, 5565, 5264, 5497, 5396, 5290, 5420, 5703, 5255, 5330, 5650, 5550, 5536, 5465, 5445, 5401, 5474, 5421, 5684, 5515, 5336, 5546, 5501, 5417, 5253, 5605, 5267, 5270, 5340, 5418, 5468, 5362, 5667, 5277, 5615, 5486, 5502, 5386, 5504, 5453, 5262, 5368, 5416, 5558, 5632, 5322, 5374, 5679, 5653, 5489, 5622, 5526, 5343, 5569, 5366, 5312, 5683, 5305, 5658, 5443, 5351, 5554, 5406, 5326 (4 hits) (05/02/2016 11:31:35 AM)
25	9	1.0	333.0	Yes	5494.9MHz, -64.0dBm	Hop sequence: 5698, 5400, 5328, 5379, 5382, 5287, 5396, 5388, 5378, 5683, 5578, 5630, 5374, 5532, 5648, 5277, 5622, 5585, 5543, 5325, 5387, 5619, 5296, 5656, 5411, 5550, 5569, 5260, 5250, 5576, 5336, 5302, 5681, 5425, 5724, 5363, 5601, 5364, 5497, 5507, 5598, 5519, 5531, 5355, 5269, 5721, 5263, 5623, 5413, 5445, 5281, 5474, 5503, 5458, 5557, 5708, 5418, 5501, 5593, 5650, 5717, 5669, 5603, 5272, 5617, 5430, 5402, 5651, 5317, 5481, 5596, 5390, 5665, 5611, 5498, 5438, 5368, 5505, 5500, 5551, 5393, 5348, 5447, 5548, 5389, 5343, 5306, 5268, 5311, 5663, 5644, 5314, 5421, 5638, 5275, 5700, 5451, 5637, 5594, 5675 (7 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:31:52 AM)
26	9	1.0	333.0	Yes	5495.9MHz, -64.0dBm	Hop sequence: 5504, 5485, 5396, 5507, 5424, 5516, 5394, 5544, 5576, 5683, 5618, 5548, 5720, 5547, 5255, 5592, 5401, 5353, 5489, 5292, 5572, 5558, 5529, 5440, 5588, 5416, 5415, 5656, 5339, 5641, 5429, 5589, 5258, 5579, 5538, 5471, 5320, 5328, 5718, 5454, 5668, 5464, 5714, 5423, 5365, 5449, 5678, 5290, 5393, 5620, 5347, 5599, 5631, 5593, 5389, 5640, 5722, 5417, 5340, 5333, 5420, 5430, 5610, 5569, 5361, 5551, 5570, 5670, 5719, 5400, 5349, 5370, 5700, 5502, 5294, 5686, 5274, 5467, 5334, 5306, 5439, 5567, 5724, 5595, 5421, 5268, 5721, 5541, 5676, 5554, 5466, 5299, 5609, 5477, 5684, 5543, 5560, 5601, 5392, 5469 (3 hits) (05/02/2016 11:32:08 AM)
27	9	1.0	333.0	Yes	5496.9MHz, -64.0dBm	Hop sequence: 5635, 5523, 5298, 5468, 5473, 5636, 5582, 5684, 5559, 5254, 5462, 5664, 5482, 5292, 5269, 5487, 5547, 5386, 5362, 5695, 5619, 5657, 5699, 5486, 5511, 5449, 5689, 5375, 5429, 5311, 5694, 5591, 5509, 5389, 5606, 5552, 5726, 5417, 5702, 5461, 5554, 5265, 5360, 5306, 5608, 5302, 5532, 5630, 5527, 5397, 5488, 5598, 5653, 5332, 5297, 5296, 5551, 5513, 5275, 5358, 5315, 5359, 5700, 5495, 5283, 5599, 5457, 5588, 5596, 5704, 5538, 5387, 5556, 5584, 5651, 5464, 5363, 5346, 5437, 5567, 5595, 5536, 5341, 5724, 5280, 5575, 5533, 5268, 5717, 5331, 5438, 5434, 5639, 5502, 5493, 5339, 5452, 5420, 5342, 5405 (4 hits) (05/02/2016 11:32:26 AM)
28	9	1.0	333.0	Yes	5497.9MHz, -64.0dBm	Hop sequence: 5564, 5455, 5536, 5337, 5377, 5613, 5532, 5723, 5668, 5627, 5301, 5559, 5525, 5619, 5484, 5393, 5600, 5338, 5305, 5592, 5323, 5348, 5435, 5265, 5297, 5344, 5507, 5308, 5608, 5282, 5486, 5470, 5671, 5454, 5468, 5497, 5685, 5520, 5629, 5326, 5690, 5270, 5321, 5461, 5541, 5438, 5342, 5482,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5387, 5678, 5675, 5374, 5645, 5511, 5419, 5713, 5277, 5574, 5397, 5444, 5701, 5343, 5350, 5509, 5474, 5625, 5253, 5632, 5384, 5314, 5642, 5259, 5395, 5590, 5676, 5661, 5421, 5309, 5284, 5720, 5431, 5602, 5307, 5433, 5432, 5718, 5406, 5418, 5504, 5320, 5264, 5565, 5481, 5410, 5588, 5523, 5457, 5521, 5291, 5373 (4 hits) (05/02/2016 11:32:42 AM)
29	9	1.0	333.0	Yes	5498.9MHz, -64.0dBm	Hop sequence: 5702, 5715, 5436, 5538, 5548, 5583, 5256, 5482, 5305, 5722, 5531, 5554, 5685, 5322, 5376, 5649, 5299, 5522, 5695, 5318, 5609, 5456, 5337, 5477, 5387, 5294, 5577, 5347, 5336, 5354, 5509, 5357, 5329, 5319, 5314, 5546, 5677, 5461, 5643, 5631, 5616, 5440, 5632, 5572, 5407, 5529, 5280, 5713, 5561, 5434, 5506, 5629, 5339, 5596, 5303, 5414, 5511, 5690, 5447, 5582, 5598, 5665, 5400, 5502, 5364, 5345, 5513, 5431, 5592, 5559, 5705, 5304, 5411, 5641, 5686, 5399, 5326, 5450, 5369, 5332, 5620, 5416, 5670, 5408, 5678, 5471, 5428, 5595, 5597, 5313, 5351, 5481, 5472, 5375, 5510, 5349, 5403, 5704, 5379, 5342 (3 hits) (05/02/2016 11:32:58 AM)
30	9	1.0	333.0	Yes	5499.9MHz, -64.0dBm	Hop sequence: 5277, 5423, 5427, 5385, 5666, 5386, 5510, 5605, 5357, 5328, 5270, 5307, 5644, 5365, 5340, 5369, 5524, 5522, 5409, 5628, 5416, 5648, 5584, 5572, 5706, 5469, 5495, 5658, 5652, 5718, 5689, 5360, 5375, 5310, 5626, 5665, 5596, 5464, 5445, 5268, 5509, 5393, 5601, 5582, 5719, 5443, 5382, 5298, 5465, 5299, 5316, 5676, 5608, 5506, 5570, 5456, 5348, 5697, 5412, 5713, 5420, 5615, 5624, 5551, 5260, 5562, 5289, 5338, 5561, 5534, 5312, 5559, 5389, 5479, 5332, 5592, 5563, 5603, 5507, 5458, 5708, 5265, 5380, 5370, 5622, 5378, 5290, 5407, 5526, 5399, 5417, 5512, 5721, 5579, 5535, 5641, 5322, 5321, 5537, 5491 (5 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:33:15 AM)
31	9	1.0	333.0	Yes	5500.9MHz, -64.0dBm	Hop sequence: 5466, 5355, 5594, 5654, 5266, 5544, 5400, 5726, 5649, 5684, 5382, 5630, 5719, 5252, 5635, 5443, 5319, 5513, 5337, 5493, 5690, 5281, 5663, 5321, 5467, 5405, 5508, 5626, 5314, 5608, 5471, 5364, 5323, 5334, 5526, 5583, 5611, 5359, 5666, 5351, 5408, 5320, 5642, 5322, 5565, 5494, 5275, 5499, 5591, 5697, 5713, 5692, 5551, 5415, 5694, 5597, 5271, 5452, 5576, 5272, 5722, 5476, 5531, 5475, 5638, 5707, 5441, 5304, 5333, 5331, 5569, 5472, 5582, 5588, 5498, 5308, 5358, 5402, 5357, 5625, 5595, 5600, 5483, 5579, 5450, 5514, 5372, 5456, 5528, 5462, 5367, 5325, 5296, 5691, 5519, 5335, 5490, 5470, 5615, 5668 (5 hits) (05/02/2016 11:33:31 AM)
32	9	1.0	333.0	No	5501.9MHz, -64.0dBm	Hop sequence: 5328, 5432, 5713, 5429, 5556, 5678, 5551, 5645, 5434, 5547, 5290, 5656, 5372, 5582, 5652, 5584, 5447, 5302, 5436, 5564, 5440, 5457, 5519, 5579, 5510, 5266, 5295, 5679, 5657, 5362, 5576, 5478, 5707, 5599, 5347, 5644, 5305, 5258, 5304, 5574, 5687, 5541, 5398, 5336, 5550, 5488, 5253, 5458, 5515, 5538, 5596, 5591, 5528, 5366, 5517, 5377, 5717, 5426, 5682, 5620, 5587, 5660, 5358, 5422, 5663, 5382, 5394, 5463, 5605, 5455, 5630, 5310, 5654, 5521, 5615, 5626, 5672, 5560, 5668, 5262, 5387, 5430, 5428, 5508, 5623, 5383, 5575, 5314, 5501, 5315, 5321, 5481, 5462, 5514, 5370, 5414, 5334, 5274, 5703, 5585 (2 hits) (05/02/2016 11:33:57 AM)
33	9	1.0	333.0	Yes	5502.9MHz, -64.0dBm	Hop sequence: 5469, 5252, 5464, 5361, 5617, 5619, 5621, 5419, 5444, 5636, 5468, 5652, 5479, 5534, 5549, 5695, 5572, 5543, 5692, 5401, 5691, 5330, 5458, 5434, 5719, 5436, 5526, 5665, 5581, 5516, 5524, 5303, 5411, 5537, 5447, 5542, 5381, 5512, 5530, 5339, 5457, 5637, 5605, 5486, 5387, 5460, 5646, 5357,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5463, 5275, 5539, 5350, 5262, 5531, 5390, 5260, 5374, 5337, 5367, 5408, 5659, 5279, 5398, 5270, 5449, 5405, 5552, 5723, 5509, 5348, 5634, 5629, 5370, 5282, 5595, 5497, 5546, 5612, 5721, 5575, 5368, 5660, 5717, 5521, 5402, 5267, 5297, 5409, 5459, 5259, 5317, 5423, 5417, 5257, 5610, 5582, 5638, 5391, 5343, 5668 (2 hits) (05/02/2016 11:34:39 AM)
34	9	1.0	333.0	Yes	5503.9MHz, -64.0dBm	Hop sequence: 5284, 5464, 5346, 5503, 5444, 5570, 5382, 5648, 5594, 5452, 5595, 5489, 5497, 5454, 5585, 5370, 5649, 5580, 5713, 5286, 5368, 5482, 5354, 5453, 5607, 5689, 5566, 5561, 5544, 5631, 5291, 5391, 5442, 5350, 5622, 5369, 5377, 5573, 5450, 5375, 5484, 5271, 5654, 5524, 5414, 5322, 5612, 5537, 5361, 5371, 5351, 5690, 5688, 5355, 5615, 5548, 5402, 5619, 5709, 5342, 5502, 5314, 5432, 5280, 5693, 5577, 5268, 5332, 5513, 5466, 5474, 5720, 5447, 5422, 5572, 5507, 5496, 5703, 5400, 5445, 5494, 5386, 5604, 5357, 5589, 5456, 5405, 5491, 5372, 5614, 5254, 5532, 5433, 5384, 5636, 5373, 5272, 5262, 5264, 5610 (7 hits) (05/02/2016 11:34:58 AM)
35	9	1.0	333.0	Yes	5504.9MHz, -64.0dBm	Hop sequence: 5484, 5360, 5435, 5327, 5489, 5619, 5687, 5566, 5624, 5486, 5458, 5528, 5668, 5509, 5352, 5493, 5636, 5333, 5442, 5696, 5326, 5455, 5430, 5612, 5680, 5707, 5622, 5697, 5331, 5341, 5685, 5277, 5721, 5568, 5329, 5545, 5398, 5481, 5406, 5257, 5504, 5569, 5315, 5393, 5388, 5433, 5414, 5691, 5387, 5548, 5503, 5649, 5359, 5330, 5574, 5302, 5444, 5597, 5550, 5494, 5724, 5553, 5557, 5332, 5321, 5346, 5410, 5565, 5285, 5584, 5710, 5389, 5362, 5309, 5631, 5644, 5645, 5467, 5620, 5434, 5279, 5427, 5382, 5711, 5351, 5543, 5549, 5606, 5703, 5511, 5287, 5272, 5682, 5716, 5380, 5577, 5662, 5292, 5293, 5515 (5 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:35:13 AM)
36	9	1.0	333.0	No	5505.9MHz, -64.0dBm	Hop sequence: 5617, 5356, 5493, 5632, 5566, 5677, 5296, 5429, 5593, 5694, 5345, 5473, 5368, 5584, 5557, 5358, 5671, 5705, 5276, 5333, 5690, 5707, 5458, 5342, 5326, 5262, 5450, 5367, 5259, 5432, 5663, 5452, 5615, 5487, 5716, 5302, 5463, 5347, 5483, 5377, 5702, 5689, 5486, 5338, 5715, 5484, 5439, 5295, 5527, 5387, 5412, 5674, 5277, 5492, 5428, 5291, 5580, 5261, 5609, 5574, 5321, 5470, 5467, 5328, 5462, 5426, 5652, 5613, 5482, 5523, 5664, 5537, 5270, 5591, 5570, 5317, 5653, 5254, 5692, 5544, 5661, 5365, 5312, 5529, 5714, 5346, 5301, 5505, 5519, 5407, 5558, 5722, 5703, 5658, 5509, 5267, 5587, 5588, 5374, 5381 (4 hits) (05/02/2016 11:35:30 AM)
37	9	1.0	333.0	Yes	5506.9MHz, -64.0dBm	Hop sequence: 5452, 5470, 5492, 5704, 5447, 5600, 5568, 5295, 5506, 5307, 5586, 5299, 5556, 5355, 5475, 5380, 5563, 5334, 5654, 5392, 5661, 5659, 5491, 5278, 5549, 5698, 5637, 5360, 5469, 5337, 5330, 5425, 5567, 5639, 5421, 5522, 5512, 5333, 5668, 5270, 5711, 5376, 5612, 5588, 5700, 5632, 5669, 5614, 5291, 5489, 5301, 5618, 5304, 5389, 5404, 5328, 5693, 5664, 5518, 5382, 5608, 5532, 5579, 5332, 5619, 5656, 5443, 5550, 5678, 5494, 5500, 5440, 5300, 5285, 5726, 5686, 5677, 5438, 5319, 5551, 5444, 5400, 5696, 5685, 5648, 5515, 5638, 5516, 5609, 5331, 5525, 5504, 5461, 5413, 5673, 5526, 5511, 5422, 5428, 5615 (6 hits) (05/02/2016 11:35:54 AM)
38	9	1.0	333.0	Yes	5507.9MHz, -64.0dBm	Hop sequence: 5299, 5544, 5392, 5621, 5646, 5716, 5640, 5283, 5584, 5444, 5556, 5372, 5618, 5498, 5407, 5413, 5481, 5282, 5414, 5514, 5324, 5450, 5268, 5694, 5287, 5552, 5702, 5379, 5624, 5697, 5721, 5281, 5711, 5609, 5549, 5334, 5304, 5336, 5540, 5371, 5430, 5363, 5394, 5305, 5390, 5256, 5471, 5410,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5314, 5435, 5346, 5604, 5301, 5664, 5388, 5537, 5651, 5313, 5587, 5358, 5489, 5583, 5353, 5385, 5466, 5321, 5475, 5472, 5460, 5659, 5534, 5510, 5500, 5722, 5401, 5375, 5654, 5551, 5561, 5665, 5623, 5520, 5686, 5345, 5458, 5656, 5355, 5533, 5684, 5289, 5496, 5447, 5272, 5485, 5653, 5337, 5696, 5689, 5349, 5680 (3 hits) (05/02/2016 11:36:12 AM)
39	9	1.0	333.0	Yes	5508.9MHz, -64.0dBm	Hop sequence: 5480, 5530, 5400, 5343, 5586, 5258, 5619, 5621, 5428, 5715, 5725, 5303, 5712, 5389, 5382, 5364, 5276, 5562, 5462, 5421, 5658, 5385, 5549, 5657, 5706, 5590, 5596, 5407, 5452, 5261, 5643, 5424, 5374, 5422, 5464, 5314, 5371, 5547, 5687, 5490, 5417, 5466, 5600, 5690, 5278, 5512, 5538, 5541, 5625, 5718, 5477, 5387, 5440, 5518, 5331, 5408, 5476, 5571, 5433, 5683, 5362, 5633, 5322, 5615, 5436, 5265, 5483, 5593, 5655, 5264, 5268, 5350, 5273, 5540, 5539, 5526, 5599, 5608, 5557, 5654, 5304, 5677, 5570, 5438, 5686, 5694, 5554, 5317, 5581, 5313, 5517, 5369, 5603, 5429, 5467, 5521, 5323, 5609, 5666, 5501 (1 hits) (05/02/2016 11:36:28 AM)
40	9	1.0	333.0	Yes	5509.1MHz, -64.0dBm	Hop sequence: 5607, 5641, 5594, 5522, 5661, 5724, 5388, 5590, 5490, 5588, 5284, 5692, 5341, 5623, 5663, 5336, 5600, 5705, 5370, 5510, 5474, 5475, 5481, 5677, 5357, 5507, 5491, 5613, 5449, 5448, 5387, 5335, 5437, 5251, 5707, 5672, 5719, 5691, 5432, 5376, 5676, 5405, 5610, 5666, 5319, 5654, 5288, 5408, 5557, 5688, 5504, 5281, 5712, 5548, 5545, 5411, 5345, 5635, 5620, 5393, 5567, 5423, 5558, 5503, 5418, 5443, 5553, 5659, 5585, 5250, 5285, 5575, 5717, 5292, 5601, 5581, 5698, 5515, 5668, 5383, 5602, 5681, 5660, 5589, 5667, 5685, 5266, 5617, 5380, 5452, 5702, 5673, 5354, 5392, 5358, 5695, 5655, 5436, 5462, 5501 (5 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:36:44 AM)
41	9	1.0	333.0	Yes	5490.9MHz, -64.0dBm	Hop sequence: 5460, 5387, 5540, 5399, 5724, 5636, 5559, 5300, 5306, 5618, 5473, 5587, 5709, 5299, 5474, 5463, 5642, 5271, 5533, 5467, 5446, 5405, 5449, 5472, 5307, 5627, 5295, 5286, 5352, 5556, 5269, 5652, 5576, 5481, 5476, 5625, 5403, 5606, 5677, 5404, 5264, 5579, 5716, 5445, 5407, 5666, 5542, 5465, 5329, 5577, 5610, 5284, 5251, 5664, 5628, 5629, 5655, 5289, 5498, 5409, 5657, 5635, 5296, 5392, 5619, 5651, 5358, 5660, 5292, 5622, 5350, 5503, 5494, 5645, 5511, 5302, 5551, 5630, 5704, 5502, 5451, 5396, 5578, 5686, 5569, 5469, 5360, 5368, 5507, 5524, 5623, 5549, 5696, 5694, 5680, 5537, 5318, 5526, 5414, 5616 (5 hits) (05/02/2016 11:37:00 AM)
42	9	1.0	333.0	No	5491.9MHz, -64.0dBm	Hop sequence: 5679, 5603, 5315, 5538, 5691, 5399, 5403, 5418, 5379, 5662, 5448, 5725, 5627, 5430, 5254, 5677, 5595, 5585, 5688, 5555, 5614, 5460, 5511, 5318, 5382, 5402, 5533, 5336, 5642, 5517, 5530, 5363, 5666, 5280, 5277, 5540, 5281, 5456, 5301, 5547, 5651, 5404, 5319, 5338, 5607, 5556, 5504, 5386, 5559, 5690, 5405, 5416, 5392, 5630, 5325, 5492, 5680, 5395, 5300, 5495, 5655, 5290, 5499, 5536, 5596, 5467, 5279, 5450, 5507, 5522, 5620, 5501, 5397, 5583, 5692, 5257, 5626, 5428, 5675, 5472, 5464, 5541, 5616, 5647, 5653, 5412, 5446, 5369, 5387, 5389, 5693, 5566, 5250, 5552, 5634, 5622, 5515, 5413, 5705, 5351 (6 hits) (05/02/2016 11:37:17 AM)
43	9	1.0	333.0	Yes	5492.9MHz, -64.0dBm	Hop sequence: 5440, 5492, 5374, 5256, 5359, 5435, 5343, 5314, 5568, 5511, 5401, 5522, 5556, 5312, 5472, 5718, 5259, 5284, 5699, 5683, 5698, 5417, 5546, 5715, 5411, 5513, 5640, 5672, 5611, 5542, 5490, 5707, 5709, 5463, 5638, 5678, 5666, 5518, 5703, 5385, 5408, 5575, 5441, 5419, 5295, 5480, 5299, 5594,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5317, 5671, 5348, 5584, 5623, 5432, 5565, 5400, 5701, 5443, 5431, 5657, 5586, 5574, 5639, 5726, 5306, 5717, 5604, 5260, 5465, 5379, 5274, 5460, 5268, 5648, 5660, 5667, 5381, 5626, 5296, 5531, 5459, 5497, 5487, 5386, 5285, 5591, 5315, 5723, 5482, 5378, 5467, 5528, 5266, 5650, 5327, 5674, 5352, 5320, 5644, 5572 (2 hits) (05/02/2016 11:37:33 AM)
44	9	1.0	333.0	Yes	5493.9MHz, -64.0dBm	Hop sequence: 5584, 5616, 5435, 5502, 5654, 5633, 5517, 5405, 5603, 5478, 5598, 5278, 5474, 5355, 5601, 5627, 5470, 5261, 5333, 5350, 5309, 5337, 5698, 5306, 5591, 5692, 5721, 5497, 5569, 5295, 5331, 5518, 5404, 5713, 5366, 5434, 5702, 5496, 5519, 5695, 5562, 5272, 5609, 5263, 5581, 5532, 5589, 5542, 5597, 5430, 5327, 5377, 5586, 5438, 5664, 5701, 5383, 5507, 5424, 5426, 5579, 5412, 5663, 5716, 5463, 5637, 5356, 5422, 5268, 5294, 5676, 5390, 5566, 5444, 5459, 5546, 5719, 5665, 5547, 5630, 5341, 5541, 5610, 5336, 5724, 5452, 5607, 5407, 5552, 5351, 5447, 5498, 5672, 5343, 5318, 5544, 5629, 5688, 5521, 5400 (5 hits) (05/02/2016 11:37:50 AM)
45	9	1.0	333.0	Yes	5494.9MHz, -64.0dBm	Hop sequence: 5647, 5599, 5331, 5385, 5562, 5420, 5691, 5523, 5439, 5648, 5273, 5677, 5369, 5649, 5490, 5655, 5349, 5457, 5671, 5666, 5427, 5253, 5698, 5689, 5322, 5475, 5690, 5701, 5392, 5360, 5534, 5271, 5467, 5674, 5318, 5680, 5569, 5608, 5354, 5288, 5258, 5605, 5448, 5465, 5590, 5660, 5606, 5300, 5559, 5520, 5389, 5336, 5396, 5435, 5499, 5443, 5622, 5583, 5479, 5454, 5678, 5642, 5415, 5433, 5493, 5646, 5460, 5598, 5367, 5324, 5651, 5320, 5563, 5270, 5682, 5436, 5395, 5440, 5516, 5386, 5461, 5406, 5506, 5422, 5501, 5659, 5451, 5304, 5725, 5723, 5510, 5484, 5398, 5570, 5450, 5334, 5686, 5416, 5586, 5507 (5 hits) (05/02/2016

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						11:38:12 AM)
46	9	1.0	333.0	Yes	5495.9MHz, -64.0dBm	Hop sequence: 5595, 5682, 5538, 5546, 5601, 5265, 5472, 5550, 5478, 5374, 5354, 5276, 5292, 5535, 5602, 5462, 5435, 5439, 5508, 5489, 5437, 5444, 5557, 5438, 5356, 5691, 5480, 5587, 5335, 5568, 5369, 5377, 5459, 5483, 5521, 5681, 5639, 5359, 5306, 5701, 5628, 5253, 5479, 5409, 5711, 5318, 5282, 5370, 5389, 5313, 5516, 5665, 5344, 5495, 5678, 5281, 5608, 5263, 5352, 5615, 5555, 5395, 5520, 5310, 5256, 5303, 5558, 5700, 5490, 5287, 5397, 5590, 5452, 5451, 5346, 5720, 5565, 5646, 5544, 5648, 5604, 5464, 5383, 5440, 5704, 5434, 5671, 5258, 5664, 5578, 5273, 5719, 5577, 5637, 5302, 5251, 5591, 5418, 5688, 5484 (2 hits) (05/02/2016 11:38:28 AM)
47	9	1.0	333.0	No	5496.9MHz, -64.0dBm	Hop sequence: 5273, 5697, 5385, 5623, 5483, 5359, 5497, 5350, 5615, 5474, 5660, 5386, 5363, 5332, 5298, 5301, 5552, 5673, 5269, 5504, 5666, 5284, 5353, 5711, 5575, 5565, 5342, 5372, 5397, 5367, 5569, 5612, 5310, 5475, 5255, 5649, 5454, 5313, 5691, 5506, 5632, 5553, 5422, 5668, 5355, 5686, 5663, 5283, 5333, 5564, 5289, 5677, 5498, 5478, 5678, 5402, 5305, 5455, 5682, 5472, 5490, 5389, 5442, 5658, 5457, 5445, 5345, 5619, 5534, 5344, 5375, 5485, 5710, 5405, 5431, 5347, 5542, 5409, 5267, 5348, 5300, 5399, 5548, 5559, 5468, 5352, 5415, 5400, 5486, 5655, 5377, 5418, 5587, 5618, 5557, 5479, 5622, 5451, 5550, 5567 (4 hits) (05/02/2016 11:38:46 AM)
48	9	1.0	333.0	No	5497.9MHz, -64.0dBm	Hop sequence: 5502, 5311, 5385, 5702, 5356, 5671, 5408, 5565, 5338, 5409, 5418, 5478, 5619, 5682, 5391, 5260, 5488, 5699, 5347, 5369, 5350, 5276, 5546, 5557, 5544, 5340, 5648, 5362, 5429, 5342, 5657, 5457, 5447, 5317, 5256, 5617, 5582, 5266, 5573, 5395, 5280, 5548, 5715, 5709, 5552, 5500, 5522, 5553,

Table 43 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5320, 5414, 5656, 5569, 5521, 5719, 5415, 5703, 5561, 5674, 5614, 5685, 5627, 5655, 5298, 5525, 5547, 5607, 5487, 5364, 5676, 5575, 5486, 5388, 5663, 5289, 5400, 5532, 5677, 5554, 5578, 5343, 5331, 5281, 5538, 5386, 5599, 5352, 5257, 5263, 5325, 5498, 5497, 5609, 5278, 5524, 5664, 5375, 5314, 5514, 5335, 5726 (4 hits) (05/02/2016 11:39:07 AM)

Table 44 - Summary of All Results 40MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	80.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	86.7 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	76.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	76.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	83.3 %	60.0 %	30	PASSED
Aggregate of above results	80.0 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	95.1 %	70.0 %	41	PASSED
Long Sequence	86.7 %	80.0 %	30	PASSED

Table 45 - 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	70	1.0	758.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	99	1.0	538.0	Yes	5511.5MHz, -63.0dBm	Single burst
3	59	1.0	898.0	Yes	5516.0MHz, -63.0dBm	Single burst
4	78	1.0	678.0	Yes	5520.9MHz, -63.0dBm	Single burst
5	89	1.0	598.0	No	5527.8MHz, -63.0dBm	Single burst
6	58	1.0	918.0	No	5527.8MHz, -63.0dBm	Single burst
7	92	1.0	578.0	No	5527.8MHz, -63.0dBm	Single burst
8	67	1.0	798.0	Yes	5527.8MHz, -63.0dBm	Single burst
9	62	1.0	858.0	Yes	5528.4MHz, -63.0dBm	Single burst
10	57	1.0	938.0	Yes	5491.6MHz, -63.0dBm	Single burst
11	63	1.0	838.0	Yes	5491.7MHz, -63.0dBm	Single burst
12	102	1.0	518.0	Yes	5498.4MHz, -63.0dBm	Single burst
13	72	1.0	738.0	Yes	5502.3MHz, -63.0dBm	Single burst
14	76	1.0	698.0	Yes	5507.2MHz, -63.0dBm	Single burst
15	95	1.0	558.0	Yes	5508.7MHz, -63.0dBm	Single burst

Table 46 - 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	21	1.0	2563.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	32	1.0	1698.0	Yes	5515.5MHz, -63.0dBm	Single burst
3	29	1.0	1851.0	Yes	5521.9MHz, -63.0dBm	Single burst
4	83	1.0	639.0	Yes	5527.4MHz, -63.0dBm	Single burst
5	21	1.0	2554.0	Yes	5528.4MHz, -63.0dBm	Single burst
6	31	1.0	1744.0	No	5491.6MHz, -63.0dBm	Single burst
7	22	1.0	2484.0	Yes	5491.6MHz, -63.0dBm	Single burst
8	29	1.0	1874.0	Yes	5492.9MHz, -63.0dBm	Single burst
9	24	1.0	2246.0	Yes	5496.3MHz, -63.0dBm	Single burst
10	23	1.0	2327.0	Yes	5498.1MHz, -63.0dBm	Single burst
11	19	1.0	2878.0	Yes	5501.8MHz, -63.0dBm	Single burst
12	66	1.0	805.0	Yes	5504.4MHz, -63.0dBm	Single burst
13	38	1.0	1404.0	No	5507.9MHz, -63.0dBm	Single burst
14	22	1.0	2470.0	Yes	5507.9MHz, -63.0dBm	Single burst
15	26	1.0	2069.0	Yes	5511.7MHz, -63.0dBm	Single burst

Table 47 - 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	26	1.0	183.0	No	5510.0MHz, -63.0dBm	Single burst
2	24	1.8	218.0	No	5510.0MHz, -63.0dBm	Single burst
3	28	3.6	201.0	Yes	5510.0MHz, -63.0dBm	Single burst
4	24	4.9	206.0	Yes	5512.1MHz, -63.0dBm	Single burst
5	24	4.8	170.0	Yes	5518.6MHz, -63.0dBm	Single burst
6	28	3.3	223.0	No	5523.0MHz, -63.0dBm	Single burst
7	24	1.0	164.0	Yes	5523.0MHz, -63.0dBm	Single burst
8	24	1.9	163.0	Yes	5528.1MHz, -63.0dBm	Single burst
9	28	1.4	217.0	Yes	5528.4MHz, -63.0dBm	Single burst
10	26	3.8	153.0	Yes	5491.6MHz, -63.0dBm	Single burst
11	29	2.0	169.0	No	5492.9MHz, -63.0dBm	Single burst
12	24	1.3	176.0	No	5492.9MHz, -63.0dBm	Single burst
13	24	2.5	156.0	Yes	5492.9MHz, -63.0dBm	Single burst
14	28	2.8	191.0	Yes	5498.6MHz, -63.0dBm	Single burst
15	28	3.0	184.0	Yes	5500.2MHz, -63.0dBm	Single burst
16	28	4.8	227.0	Yes	5504.7MHz, -63.0dBm	Single burst
17	28	2.0	184.0	Yes	5511.4MHz, -63.0dBm	Single burst
18	24	2.3	211.0	Yes	5515.8MHz, -63.0dBm	Single burst
19	27	2.4	183.0	No	5519.4MHz, -63.0dBm	Single burst
20	28	1.9	172.0	Yes	5519.4MHz, -63.0dBm	Single burst
21	25	4.7	170.0	Yes	5525.9MHz, -63.0dBm	Single burst
22	29	3.3	179.0	Yes	5528.4MHz, -63.0dBm	Single burst
23	25	4.8	225.0	Yes	5491.6MHz, -63.0dBm	Single burst
24	28	3.2	179.0	No	5492.4MHz, -63.0dBm	Single burst
25	23	4.2	157.0	Yes	5492.4MHz, -63.0dBm	Single burst
26	29	3.1	212.0	Yes	5496.1MHz, -63.0dBm	Single burst
27	27	4.6	174.0	Yes	5502.9MHz, -63.0dBm	Single burst
28	24	2.1	204.0	Yes	5507.4MHz, -63.0dBm	Single burst
29	23	4.3	154.0	Yes	5509.7MHz, -63.0dBm	Single burst
30	24	2.0	152.0	Yes	5511.5MHz, -63.0dBm	Single burst

Table 48 - 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	17	6.2	411.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	16	6.1	383.0	No	5513.0MHz, -63.0dBm	Single burst
3	17	8.2	471.0	Yes	5513.0MHz, -63.0dBm	Single burst
4	17	7.6	338.0	Yes	5518.8MHz, -63.0dBm	Single burst
5	18	6.9	271.0	Yes	5524.9MHz, -63.0dBm	Single burst
6	16	9.0	289.0	Yes	5528.4MHz, -63.0dBm	Single burst
7	17	8.0	419.0	Yes	5491.6MHz, -63.0dBm	Single burst
8	17	6.7	488.0	Yes	5495.3MHz, -63.0dBm	Single burst
9	16	6.3	433.0	No	5500.6MHz, -63.0dBm	Single burst
10	16	6.2	247.0	Yes	5500.6MHz, -63.0dBm	Single burst
11	17	7.4	288.0	Yes	5505.2MHz, -63.0dBm	Single burst
12	17	6.2	350.0	No	5507.4MHz, -63.0dBm	Single burst
13	17	6.3	230.0	No	5507.4MHz, -63.0dBm	Single burst
14	17	9.7	291.0	Yes	5507.4MHz, -63.0dBm	Single burst
15	17	7.8	252.0	No	5510.3MHz, -63.0dBm	Single burst
16	17	8.8	485.0	Yes	5510.3MHz, -63.0dBm	Single burst
17	17	6.1	367.0	Yes	5511.6MHz, -63.0dBm	Single burst
18	17	8.3	440.0	Yes	5516.1MHz, -63.0dBm	Single burst
19	16	8.5	391.0	Yes	5519.6MHz, -63.0dBm	Single burst
20	16	8.9	279.0	Yes	5523.3MHz, -63.0dBm	Single burst
21	17	9.3	238.0	Yes	5525.3MHz, -63.0dBm	Single burst
22	17	7.4	228.0	Yes	5527.3MHz, -63.0dBm	Single burst
23	18	9.4	209.0	Yes	5528.4MHz, -63.0dBm	Single burst
24	18	9.4	218.0	Yes	5491.6MHz, -63.0dBm	Single burst
25	17	9.7	442.0	No	5491.9MHz, -63.0dBm	Single burst
26	16	7.6	353.0	Yes	5491.9MHz, -63.0dBm	Single burst
27	17	8.7	345.0	Yes	5493.0MHz, -63.0dBm	Single burst
28	17	7.0	290.0	Yes	5494.5MHz, -63.0dBm	Single burst
29	16	6.5	272.0	Yes	5500.1MHz, -63.0dBm	Single burst
30	17	8.4	361.0	No	5501.6MHz, -63.0dBm	Single burst

Table 49 - 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	14	13.6	305.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	14	16.8	326.0	Yes	5513.4MHz, -63.0dBm	Single burst
3	15	12.3	443.0	Yes	5516.7MHz, -63.0dBm	Single burst
4	14	20.0	348.0	Yes	5518.7MHz, -63.0dBm	Single burst
5	14	14.0	364.0	Yes	5523.2MHz, -63.0dBm	Single burst
6	15	13.9	362.0	Yes	5528.4MHz, -63.0dBm	Single burst
7	13	17.4	367.0	No	5491.6MHz, -63.0dBm	Single burst
8	16	18.9	270.0	Yes	5491.6MHz, -63.0dBm	Single burst
9	13	16.8	436.0	Yes	5494.5MHz, -63.0dBm	Single burst
10	14	12.7	223.0	Yes	5500.7MHz, -63.0dBm	Single burst
11	13	15.7	483.0	Yes	5505.6MHz, -63.0dBm	Single burst
12	13	18.3	310.0	Yes	5510.2MHz, -63.0dBm	Single burst
13	12	13.5	322.0	Yes	5512.3MHz, -63.0dBm	Single burst
14	13	12.8	296.0	Yes	5516.1MHz, -63.0dBm	Single burst
15	15	12.4	461.0	Yes	5520.0MHz, -63.0dBm	Single burst
16	15	14.4	305.0	Yes	5523.1MHz, -63.0dBm	Single burst
17	14	16.4	209.0	Yes	5524.4MHz, -63.0dBm	Single burst
18	15	19.1	443.0	No	5528.4MHz, -63.0dBm	Single burst
19	15	15.1	383.0	Yes	5528.4MHz, -63.0dBm	Single burst
20	13	13.6	313.0	No	5491.6MHz, -63.0dBm	Single burst
21	14	16.2	494.0	Yes	5491.6MHz, -63.0dBm	Single burst
22	14	15.6	369.0	Yes	5491.9MHz, -63.0dBm	Single burst
23	15	15.8	495.0	Yes	5494.2MHz, -63.0dBm	Single burst
24	14	17.2	463.0	No	5498.6MHz, -63.0dBm	Single burst
25	12	19.6	464.0	Yes	5498.6MHz, -63.0dBm	Single burst
26	13	15.6	420.0	Yes	5503.1MHz, -63.0dBm	Single burst
27	13	18.2	272.0	No	5509.6MHz, -63.0dBm	Single burst
28	16	16.2	418.0	Yes	5509.6MHz, -63.0dBm	Single burst
29	15	11.3	214.0	Yes	5516.3MHz, -63.0dBm	Single burst
30	13	13.7	478.0	Yes	5518.9MHz, -63.0dBm	Single burst

Table 50 - Long Sequence Waveform Summary 40MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -63.0dBm
Trial #2	Detected	5512.7MHz, -63.0dBm
Trial #3	Detected	5517.6MHz, -63.0dBm
Trial #4	Detected	5523.5MHz, -63.0dBm
Trial #5	Detected	5524.6MHz, -63.0dBm
Trial #6	Detected	5524.7MHz, -63.0dBm
Trial #7	Detected	5495.3MHz, -63.0dBm
Trial #8	NOT Detected	5496.4MHz, -63.0dBm
Trial #9	Detected	5496.4MHz, -63.0dBm
Trial #10	Detected	5498.1MHz, -63.0dBm
Trial #11	Detected	5505.0MHz, -63.0dBm
Trial #12	NOT Detected	5507.0MHz, -63.0dBm
Trial #13	Detected	5507.0MHz, -63.0dBm
Trial #14	Detected	5512.3MHz, -63.0dBm
Trial #15	Detected	5518.2MHz, -63.0dBm
Trial #16	Detected	5524.7MHz, -63.0dBm
Trial #17	Detected	5495.3MHz, -63.0dBm
Trial #18	NOT Detected	5496.7MHz, -63.0dBm
Trial #19	Detected	5496.7MHz, -63.0dBm
Trial #20	Detected	5503.3MHz, -63.0dBm
Trial #21	Detected	5505.1MHz, -63.0dBm
Trial #22	NOT Detected	5507.1MHz, -63.0dBm
Trial #23	Detected	5507.1MHz, -63.0dBm
Trial #24	Detected	5511.3MHz, -63.0dBm
Trial #25	Detected	5517.6MHz, -63.0dBm
Trial #26	Detected	5518.9MHz, -63.0dBm
Trial #27	Detected	5520.4MHz, -63.0dBm
Trial #28	Detected	5524.7MHz, -63.0dBm
Trial #29	Detected	5495.3MHz, -63.0dBm
Trial #30	Detected	5496.2MHz, -63.0dBm

Table 51 - 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	2	83.4	7	1350.0	-	0.368537
2	2	50.4	14	1430.0	-	0.984559
3	1	64.9	13	-	-	2.764461
4	1	87.5	19	-	-	2.845498
5	1	71.5	6	-	-	4.525109
6	2	55.1	6	1640.0	-	5.174745
7	3	66.8	14	1119.0	1729.0	5.967369
8	2	60.9	18	1695.0	-	6.754745
9	2	72.2	17	1228.0	-	7.946156
10	1	68.8	11	-	-	8.979383
11	1	78.3	15	-	-	9.905498
12	2	61.7	13	1762.0	-	10.594274
13	2	79.8	20	1911.0	-	11.195152

Table 52 - Long Sequence Waveform Trial#2 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	68.4	17	-	-	0.866160
2	3	87.3	9	1757.0	1274.0	1.630520
3	1	63.1	18	-	-	2.669496
4	3	52.4	10	1743.0	1134.0	3.978629
5	3	97.7	15	1563.0	1809.0	5.115709
6	2	56.4	6	1527.0	-	6.763296
7	2	93.7	14	1963.0	-	8.348903
8	2	53.3	11	1817.0	-	9.267977
9	3	75.1	5	1920.0	1421.0	10.723022
10	1	50.3	19	-	-	10.905215

Table 53 - Long Sequence Waveform Trial#3 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	51.1	14	1508.0	1845.0	0.566362
2	2	75.5	5	1924.0	-	1.506758
3	3	81.6	9	1519.0	1115.0	2.684455
4	3	75.7	14	1148.0	1485.0	3.994445
5	2	76.4	19	1436.0	-	4.277821
6	1	84.9	18	-	-	5.394345
7	2	69.9	10	1043.0	-	6.326966
8	1	64.2	18	-	-	7.537692
9	3	90.8	13	1257.0	1768.0	8.463937
10	1	71.8	11	-	-	9.370861
11	2	71.9	5	1499.0	-	10.343610
12	1	70.8	18	-	-	11.749503

Table 54 - Long Sequence Waveform Trial#4 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	74.7	19	-	-	0.239617
2	2	87.1	14	1576.0	-	2.474429
3	1	71.6	11	-	-	3.624408
4	2	70.7	12	1107.0	-	4.767519
5	1	97.5	8	-	-	5.926449
6	2	72.2	16	1726.0	-	7.100292
7	1	53.3	13	-	-	8.613205
8	2	57.7	16	1897.0	-	9.485947
9	2	89.9	16	1984.0	-	10.703509

Table 55 - 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	1	50.4	8	-	-	1.173485
2	2	71.5	5	1840.0	-	2.017059
3	1	57.8	8	-	-	2.645468
4	2	99.5	15	1966.0	-	4.386364
5	3	65.5	7	1668.0	1130.0	5.375619
6	2	84.2	19	1045.0	-	7.076233
7	2	75.0	15	1502.0	-	8.159722
8	2	93.3	8	1587.0	-	8.678910
9	2	53.4	9	1335.0	-	9.954375
10	3	98.3	12	1572.0	1970.0	11.820294

Table 56 - 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	2	74.1	7	1997.0	-	0.563272
2	1	73.0	16	-	-	0.758622
3	2	90.1	10	1222.0	-	1.891062
4	2	55.4	7	1610.0	-	2.815832
5	3	62.0	19	1904.0	1805.0	3.583030
6	2	69.9	19	1266.0	-	4.167134
7	2	87.0	14	1717.0	-	4.565854
8	1	65.4	16	-	-	5.877444
9	1	53.1	9	-	-	6.389737
10	2	75.5	10	1628.0	-	7.145850
11	3	72.7	16	1993.0	1261.0	7.891205
12	2	98.5	19	1120.0	-	8.902170
13	3	84.6	8	1197.0	1696.0	9.273429
14	1	93.8	8	-	-	9.775174
15	2	50.7	16	1716.0	-	10.812245
16	2	99.4	18	1709.0	-	11.710400

Table 57 - 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	3	81.8	20	1712.0	1205.0	0.811514
2	1	54.7	19	-	-	1.634109
3	2	65.8	19	1341.0	-	2.533215
4	2	84.9	13	1137.0	-	2.990039
5	3	59.6	20	1520.0	1865.0	3.560874
6	2	50.2	13	1043.0	-	5.059026
7	1	91.8	9	-	-	5.539513
8	3	71.8	18	1449.0	1396.0	6.312258
9	1	97.8	9	-	-	7.609194
10	2	93.6	10	1107.0	-	8.171743
11	2	85.2	5	1832.0	-	9.296432
12	2	78.7	9	1983.0	-	10.013948
13	3	57.6	12	1541.0	1700.0	10.779550
14	2	58.3	14	1287.0	-	11.468977

Table 58 - Long Sequence Waveform Trial#8 (NOT Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	99.1	10	1321.0	1066.0	0.662951
2	3	86.3	18	1226.0	1516.0	1.190153
3	2	66.0	15	1099.0	-	1.447989
4	3	91.9	7	1684.0	1772.0	2.097202
5	1	59.0	6	-	-	2.721346
6	3	74.2	19	1158.0	1447.0	3.527511
7	1	79.4	12	-	-	4.172408
8	2	87.9	9	1164.0	-	5.142983
9	2	70.7	10	1993.0	-	5.657257
10	2	70.4	9	1779.0	-	6.616676
11	1	89.5	14	-	-	6.905747
12	3	73.9	14	1847.0	1570.0	7.953463
13	1	82.7	20	-	-	8.195202
14	3	74.2	12	1667.0	1423.0	8.716744
15	2	78.2	13	1620.0	-	9.882657
16	2	58.2	8	1004.0	-	10.365187
17	2	66.3	16	1752.0	-	11.153779
18	2	80.0	19	1872.0	-	11.958807

Table 59 - Long Sequence Waveform Trial#9 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.6	6	1814.0	-	0.013214
2	2	60.0	18	1391.0	-	0.831566
3	1	88.7	20	-	-	2.055364
4	2	61.7	13	1754.0	-	2.794366
5	2	97.9	16	1172.0	-	2.972731
6	2	86.3	18	1288.0	-	3.861371
7	1	95.8	7	-	-	4.756373
8	2	85.3	9	1718.0	-	5.564235
9	1	61.7	11	-	-	6.214409
10	1	67.5	14	-	-	6.862865
11	2	65.2	18	1968.0	-	7.310551
12	2	63.2	14	1309.0	-	8.339808
13	2	82.9	14	1976.0	-	8.978261
14	2	74.0	12	1054.0	-	9.546229
15	3	58.1	18	1215.0	1292.0	10.213472
16	2	83.7	18	1976.0	-	11.163176
17	2	61.2	12	1242.0	-	11.580064

Table 60 - Long Sequence Waveform Trial#10 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	71.0	16	1192.0	1563.0	0.187710
2	3	71.7	10	1785.0	1885.0	1.593834
3	1	65.0	6	-	-	2.172870
4	1	62.5	16	-	-	3.594603
5	1	63.3	9	-	-	4.563260
6	3	65.0	9	1399.0	1725.0	5.388005
7	2	52.6	14	1069.0	-	6.297212
8	3	51.8	17	1278.0	1045.0	7.000220
9	3	60.7	5	1730.0	1378.0	8.486553
10	2	73.1	15	1401.0	-	9.991535
11	2	65.3	13	1633.0	-	10.567357
12	2	75.0	10	1918.0	-	11.639291

Table 61 - Long Sequence Waveform Trial#11 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	73.6	17	1283.0	1842.0	0.621900
2	1	73.3	6	-	-	1.855898
3	2	89.4	20	1984.0	-	2.378254
4	1	97.6	7	-	-	3.091507
5	2	74.7	18	1332.0	-	4.748090
6	2	91.1	5	1222.0	-	5.420184
7	3	62.8	15	1089.0	1131.0	6.077399
8	3	51.5	15	1811.0	1924.0	7.202900
9	2	54.7	6	1797.0	-	8.891587
10	1	92.7	7	-	-	9.650872
11	2	68.9	16	1174.0	-	10.739002
12	1	89.5	15	-	-	11.104240

Table 62 - Long Sequence Waveform Trial#12 (NOT Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.4	11	1308.0	-	0.354772
2	2	74.3	12	1862.0	-	1.537840
3	1	78.2	13	-	-	2.071269
4	1	78.4	5	-	-	3.245646
5	1	67.8	6	-	-	4.321590
6	3	82.3	10	1341.0	1003.0	5.504894
7	1	74.4	10	-	-	5.643779
8	1	57.3	9	-	-	6.674437
9	2	74.2	17	1664.0	-	7.431327
10	1	96.1	7	-	-	8.611989
11	3	61.4	13	1162.0	1847.0	9.804763
12	2	65.1	19	1781.0	-	10.967527
13	2	74.1	5	1527.0	-	11.954404

Table 63 - Long Sequence Waveform Trial#13 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	89.7	8	1134.0	-	0.479839
2	2	97.6	17	1310.0	-	1.445388
3	2	69.8	19	1440.0	-	2.389904
4	1	86.2	12	-	-	2.973084
5	1	94.8	8	-	-	3.747142
6	2	69.2	9	1913.0	-	4.603354
7	1	89.8	19	-	-	5.589623
8	1	86.0	6	-	-	6.188927
9	3	72.1	9	1861.0	1853.0	6.714509
10	2	53.8	12	1085.0	-	7.435843
11	1	58.8	9	-	-	8.450446
12	2	78.9	18	1850.0	-	8.926541
13	3	72.4	11	1489.0	1353.0	9.757685
14	2	62.4	16	1433.0	-	11.033679
15	1	62.0	10	-	-	11.914171

Table 64 - Long Sequence Waveform Trial#14 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.1	16	1731.0	-	0.342020
2	2	71.9	17	1496.0	-	2.000616
3	2	65.5	9	1922.0	-	3.997973
4	1	55.5	11	-	-	5.147469
5	1	61.1	19	-	-	6.570119
6	3	93.0	10	1847.0	1777.0	8.656080
7	2	57.1	12	1464.0	-	9.619292
8	2	72.9	18	1847.0	-	10.591297

Table 65 - 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	83.3	19	1923.0	-	0.151365
2	1	82.5	19	-	-	0.729621
3	3	84.7	11	1651.0	1448.0	1.259699
4	2	51.9	14	1779.0	-	1.839654
5	3	53.7	5	1995.0	1828.0	2.434438
6	1	52.1	6	-	-	3.535207
7	2	67.3	12	1775.0	-	4.182695
8	3	90.7	10	1139.0	1818.0	4.312693
9	2	70.4	15	1123.0	-	4.846444
10	1	58.5	14	-	-	5.865875
11	3	79.7	17	1329.0	1890.0	6.089932
12	2	84.8	15	1469.0	-	6.707132
13	1	56.8	14	-	-	7.404181
14	3	66.8	7	1102.0	1129.0	8.237732
15	1	78.2	20	-	-	8.621106
16	2	83.2	18	1287.0	-	9.447059
17	3	67.1	17	1224.0	1296.0	9.980135
18	2	98.0	16	1746.0	-	10.652663
19	2	65.2	11	1783.0	-	11.328827
20	3	74.1	15	1949.0	1840.0	11.515168

Table 66 - Long Sequence Waveform Trial#16 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.2	6	1833.0	-	0.364734
2	3	78.6	10	1442.0	1862.0	1.269160
3	1	79.2	9	-	-	2.088402
4	1	75.5	9	-	-	3.168897
5	2	83.5	12	1554.0	-	3.487137
6	2	75.0	18	1184.0	-	4.735965
7	2	94.5	19	1851.0	-	5.357138
8	2	87.1	18	1509.0	-	5.820476
9	3	62.9	13	1477.0	1340.0	6.890802
10	2	92.8	18	1473.0	-	7.341615
11	1	95.7	8	-	-	8.275731
12	2	97.4	10	1950.0	-	8.862466
13	2	86.4	12	1321.0	-	9.799537
14	2	92.6	6	1725.0	-	11.076157
15	3	83.5	13	1617.0	1245.0	11.565613

Table 67 - Long Sequence Waveform Trial#17 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	62.0	17	-	-	0.743657
2	2	94.1	11	1922.0	-	0.960157
3	2	56.4	14	1030.0	-	1.643654
4	2	90.8	14	1959.0	-	3.146083
5	1	60.7	9	-	-	3.977078
6	2	64.1	13	1797.0	-	4.116624
7	1	56.5	19	-	-	5.105456
8	1	50.3	7	-	-	5.605205
9	2	50.3	14	1134.0	-	6.943856
10	2	71.5	16	1660.0	-	7.741357
11	2	69.9	7	1443.0	-	8.085692
12	3	73.6	7	1197.0	1596.0	8.815990
13	2	53.8	10	1957.0	-	9.951764
14	1	96.1	8	-	-	10.505394
15	2	72.1	6	1103.0	-	11.391490

Table 68 - Long Sequence Waveform Trial#18 (NOT Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.2	14	1479.0	-	0.460363
2	2	57.5	7	1627.0	-	0.821550
3	1	53.8	9	-	-	1.467997
4	3	85.8	16	1255.0	1983.0	2.477476
5	3	56.0	19	1281.0	1281.0	2.763756
6	2	58.0	6	1431.0	-	3.283786
7	1	92.4	19	-	-	4.180016
8	2	85.2	14	1729.0	-	4.472394
9	3	71.9	11	1042.0	1534.0	5.352418
10	2	90.4	17	1709.0	-	6.262826
11	1	83.2	5	-	-	6.883286
12	3	82.1	6	1032.0	1934.0	6.979273
13	1	82.2	13	-	-	8.026877
14	2	79.5	17	1367.0	-	8.446663
15	2	75.8	13	1783.0	-	9.220539
16	2	68.0	15	1491.0	-	9.999932
17	2	96.1	11	1036.0	-	10.355727
18	1	71.2	15	-	-	11.350319
19	2	89.2	9	1345.0	-	11.431112

Table 69 - Long Sequence Waveform Trial#19 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.0	7	1318.0	1637.0	0.195009
2	2	75.3	15	1030.0	-	1.214220
3	1	78.4	11	-	-	1.879746
4	2	93.7	17	1704.0	-	2.346322
5	1	79.2	10	-	-	2.684031
6	2	71.1	9	1266.0	-	3.534178
7	1	53.4	13	-	-	4.077970
8	2	66.2	12	1627.0	-	4.817751
9	2	68.5	7	1776.0	-	5.297987
10	3	57.6	9	1373.0	1049.0	6.041674
11	2	94.1	7	1018.0	-	6.933955
12	3	58.5	6	1193.0	1084.0	7.374844
13	2	72.8	8	1334.0	-	7.724803
14	3	62.6	16	1375.0	1571.0	8.831760
15	3	85.1	16	1179.0	1774.0	9.422143
16	3	67.5	13	1942.0	1906.0	9.896656
17	2	81.5	18	1807.0	-	10.137686
18	2	81.8	17	1391.0	-	11.268577
19	1	58.2	6	-	-	11.970056

Table 70 - Long Sequence Waveform Trial#20 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	65.3	16	1910.0	-	0.671367
2	1	75.5	16	-	-	2.063396
3	3	88.9	17	1974.0	1732.0	3.277671
4	2	73.5	8	1485.0	-	3.632288
5	3	52.1	6	1070.0	1519.0	5.834845
6	2	95.9	13	1864.0	-	6.349667
7	3	97.9	15	1379.0	1396.0	7.794093
8	2	60.3	8	1866.0	-	8.788243
9	1	75.3	6	-	-	10.581503
10	2	69.0	13	1697.0	-	11.003019

Table 71 - Long Sequence Waveform Trial#21 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.9	19	1751.0	-	0.781348
2	2	69.8	20	1635.0	-	2.223573
3	2	59.3	12	1167.0	-	3.629818
4	1	69.7	15	-	-	5.205366
5	3	94.4	10	1877.0	1154.0	5.660957
6	2	89.5	6	1116.0	-	6.916677
7	2	63.4	9	1433.0	-	8.049799
8	2	64.3	8	1788.0	-	10.158550
9	3	96.9	19	1939.0	1681.0	11.216232

Table 72 - Long Sequence Waveform Trial#22 (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	57.0	8	-	-	0.176900
2	1	90.0	7	-	-	1.709748
3	2	71.4	7	1241.0	-	1.855228
4	2	83.5	8	1439.0	-	2.948067
5	2	80.5	10	1833.0	-	3.471823
6	3	96.7	16	1691.0	1564.0	4.546251
7	2	99.6	6	1993.0	-	5.949117
8	1	97.2	19	-	-	6.487145
9	1	77.3	7	-	-	7.700772
10	3	83.5	10	1394.0	1434.0	8.531056
11	2	52.8	7	1106.0	-	9.344939
12	2	90.8	13	1207.0	-	9.786901
13	2	67.2	16	1541.0	-	11.104659
14	3	99.3	14	1738.0	1006.0	11.185667

Table 73 - Long Sequence Waveform Trial#23 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	78.6	19	1757.0	-	0.090461
2	2	80.6	17	1739.0	-	0.782765
3	3	59.0	6	1393.0	1650.0	2.077130
4	2	52.2	9	1900.0	-	2.653635
5	2	58.4	13	1579.0	-	3.610883
6	3	95.3	15	1842.0	1220.0	4.196863
7	3	91.0	14	1937.0	1417.0	5.095250
8	2	55.6	12	1669.0	-	5.498959
9	2	78.0	12	1311.0	-	6.322549
10	2	63.9	20	1848.0	-	7.495085
11	1	55.6	13	-	-	8.225368
12	2	60.4	17	1413.0	-	8.289802
13	3	52.5	8	1351.0	1504.0	9.237382
14	3	65.3	9	1605.0	1104.0	9.828084
15	2	58.2	17	1390.0	-	11.038244
16	2	94.7	6	1876.0	-	11.271759

Table 74 - Long Sequence Waveform Trial#24 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.6	13	1814.0	-	0.488978
2	3	69.1	8	1733.0	1380.0	1.959226
3	3	61.4	19	1807.0	1498.0	3.273418
4	2	93.8	19	1256.0	-	5.172434
5	1	70.9	13	-	-	6.568018
6	1	59.2	7	-	-	7.013304
7	2	77.8	6	1169.0	-	8.533690
8	2	94.2	11	1858.0	-	9.469718
9	3	58.8	13	1101.0	1983.0	10.734738

Table 75 - Long Sequence Waveform Trial#25 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
---------	----------	------------------	-------------	----------------------	----------------------	----------------

Table 75 - Long Sequence Waveform Trial#25 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	72.5	18	-	-	0.577635
2	2	95.8	20	1163.0	-	1.047488
3	3	67.2	18	1105.0	1289.0	1.888975
4	3	62.2	15	1642.0	1258.0	2.388094
5	2	64.6	17	1898.0	-	2.895132
6	2	93.5	11	1894.0	-	3.690909
7	3	55.3	18	1299.0	1960.0	4.095988
8	2	69.3	15	1356.0	-	4.832147
9	2	76.4	16	1092.0	-	5.313578
10	1	69.6	11	-	-	6.112619
11	2	71.1	15	1633.0	-	6.632631
12	2	86.0	18	1882.0	-	7.015506
13	2	71.0	16	1134.0	-	8.157223
14	3	85.7	11	1169.0	1508.0	8.697458
15	2	83.8	14	1624.0	-	9.231030
16	2	69.9	18	1289.0	-	10.029939
17	1	60.3	6	-	-	10.436258
18	2	78.9	18	1570.0	-	11.328812
19	2	94.1	5	1593.0	-	11.555618

Table 76 - Long Sequence Waveform Trial#26 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.3	19	1415.0	-	0.794847
2	2	59.7	12	1190.0	-	2.782409
3	3	58.6	10	1273.0	1140.0	4.475345
4	1	90.5	5	-	-	4.710898
5	3	53.5	14	1664.0	1977.0	6.083961
6	2	76.7	20	1949.0	-	8.839821
7	3	91.8	13	1059.0	1840.0	10.127903
8	2	60.5	17	1561.0	-	11.620097

Table 77 - Long Sequence Waveform Trial#27 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	65.2	7	1335.0	1531.0	0.468422
2	1	86.0	19	-	-	1.190991
3	2	71.8	14	1020.0	-	1.592112
4	2	61.9	16	1438.0	-	2.521055
5	2	98.9	12	1625.0	-	3.003609
6	1	79.1	11	-	-	3.769663
7	2	55.0	12	1949.0	-	3.932789
8	1	84.8	18	-	-	4.600402
9	1	58.1	8	-	-	5.642405
10	1	87.2	6	-	-	6.046707
11	1	84.5	12	-	-	6.781962
12	2	72.2	17	1200.0	-	7.169183
13	2	76.4	13	1649.0	-	7.815808
14	1	56.0	12	-	-	8.241631
15	2	53.2	12	1098.0	-	9.330729
16	2	87.9	17	1673.0	-	9.724870
17	2	67.6	7	1941.0	-	10.166587
18	3	89.1	5	1642.0	1580.0	10.898589
19	2	93.2	19	1324.0	-	11.601018

Table 78 - Long Sequence Waveform Trial#28 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	73.0	5	1014.0	-	0.692808
2	2	57.7	11	1433.0	-	1.879131
3	3	92.5	17	1576.0	1555.0	2.832722
4	1	73.7	19	-	-	4.531950
5	2	53.8	6	1224.0	-	5.778433
6	1	67.8	13	-	-	6.293937
7	1	98.1	19	-	-	8.005689
8	1	92.0	18	-	-	9.129347
9	2	64.4	19	1604.0	-	9.785190
10	2	68.5	9	1026.0	-	11.700327

Table 79 - Long Sequence Waveform Trial#29 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	84.1	10	1724.0	-	0.224342
2	3	65.9	6	1938.0	1829.0	1.312703
3	2	61.6	14	1638.0	-	2.966425
4	3	64.2	6	1057.0	1761.0	4.270164
5	3	68.8	19	1297.0	1270.0	5.292177
6	1	51.2	5	-	-	5.768806
7	1	58.0	14	-	-	7.510495
8	1	73.6	13	-	-	8.199176
9	2	79.8	20	1056.0	-	9.359251
10	2	72.7	17	1927.0	-	10.327365
11	3	58.7	8	1999.0	1724.0	11.811680

Table 80 - Long Sequence Waveform Trial#30 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.5	6	1059.0	-	0.679131
2	2	89.9	8	1355.0	-	0.860366
3	2	84.3	15	1302.0	-	2.093464
4	2	96.4	16	1780.0	-	3.113627
5	2	52.4	16	1944.0	-	3.436349
6	2	56.0	19	1305.0	-	4.670611
7	1	79.1	7	-	-	5.007208
8	1	52.5	14	-	-	5.723042
9	2	69.8	12	1660.0	-	6.579785
10	1	65.6	17	-	-	7.203342
11	3	81.1	6	1777.0	1746.0	8.392719
12	2	54.2	19	1419.0	-	8.876407
13	2	58.4	18	1068.0	-	10.034649
14	2	82.9	13	1182.0	-	10.846926
15	3	50.0	14	1574.0	1090.0	11.312746

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5528.4MHz, -63.0dBm	Hop sequence: 5289, 5428, 5313, 5300, 5674, 5540, 5262, 5355, 5704, 5293, 5492, 5375, 5506, 5565, 5402, 5691, 5508, 5298, 5718, 5363, 5371, 5650, 5434, 5575, 5628, 5484, 5643, 5381, 5698, 5412, 5454, 5603, 5445, 5680, 5511, 5398, 5477, 5531, 5423, 5254, 5505, 5524, 5712, 5341, 5695, 5463, 5413, 5365, 5495, 5649, 5374, 5469, 5544, 5723, 5504, 5456, 5705, 5259, 5316, 5378, 5444, 5302, 5627, 5636, 5499, 5562, 5309, 5436, 5474, 5328, 5713, 5553, 5614, 5722, 5407, 5515, 5424, 5470, 5658, 5448, 5644, 5564, 5726, 5594, 5534, 5724, 5646, 5656, 5288, 5590, 5489, 5634, 5344, 5299, 5548, 5331, 5635, 5451, 5521, 5533 (11 hits) (05/02/2016 03:28:36 PM)
2	9	1.0	333.0	Yes	5491.6MHz, -63.0dBm	Hop sequence: 5609, 5539, 5284, 5467, 5546, 5620, 5627, 5260, 5568, 5621, 5270, 5544, 5428, 5396, 5644, 5667, 5495, 5397, 5389, 5550, 5625, 5432, 5608, 5519, 5613, 5366, 5580, 5335, 5672, 5632, 5487, 5717, 5298, 5464, 5430, 5638, 5257, 5560, 5684, 5330, 5683, 5442, 5615, 5420, 5697, 5369, 5701, 5662, 5461, 5301, 5618, 5518, 5689, 5693, 5559, 5341, 5354, 5524, 5705, 5505, 5675, 5429, 5724, 5561, 5333, 5657, 5285, 5402, 5651, 5528, 5393, 5572, 5720, 5307, 5405, 5253, 5323, 5390, 5360, 5483, 5466, 5602, 5527, 5681, 5502, 5494, 5353, 5409, 5655, 5308, 5419, 5678, 5352, 5533, 5281, 5331, 5329, 5604, 5686, 5434 (9 hits) (05/02/2016 03:29:04 PM)
3	9	1.0	333.0	Yes	5492.6MHz, -63.0dBm	Hop sequence: 5598, 5481, 5686, 5307, 5473, 5265, 5489, 5503, 5332, 5518, 5381, 5325, 5702, 5569, 5644, 5394, 5611, 5486, 5527, 5451, 5459, 5683, 5313, 5521, 5266, 5580, 5676, 5290, 5695, 5614, 5465, 5530, 5504, 5263, 5323, 5310, 5443, 5422, 5255, 5455, 5622, 5276, 5570, 5391, 5709, 5529, 5671, 5587,

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5693, 5285, 5315, 5445, 5707, 5397, 5721, 5464, 5350, 5699, 5461, 5655, 5711, 5669, 5303, 5419, 5440, 5654, 5373, 5599, 5609, 5260, 5444, 5355, 5302, 5259, 5636, 5272, 5352, 5398, 5667, 5650, 5386, 5534, 5541, 5678, 5535, 5724, 5356, 5436, 5496, 5256, 5375, 5494, 5322, 5557, 5382, 5366, 5603, 5589, 5390, 5626 (7 hits) (05/02/2016 03:29:24 PM)
4	9	1.0	333.0	No	5493.6MHz, -63.0dBm	Hop sequence: 5635, 5432, 5529, 5551, 5653, 5390, 5549, 5421, 5320, 5705, 5599, 5467, 5301, 5603, 5363, 5313, 5341, 5393, 5521, 5593, 5595, 5688, 5585, 5608, 5263, 5630, 5554, 5552, 5316, 5582, 5669, 5600, 5383, 5480, 5559, 5637, 5264, 5285, 5666, 5428, 5374, 5499, 5569, 5321, 5258, 5433, 5457, 5335, 5696, 5568, 5613, 5454, 5385, 5667, 5305, 5429, 5485, 5397, 5437, 5355, 5471, 5450, 5684, 5605, 5670, 5589, 5654, 5576, 5418, 5465, 5494, 5366, 5592, 5289, 5304, 5448, 5354, 5624, 5656, 5339, 5714, 5540, 5378, 5706, 5340, 5299, 5398, 5402, 5722, 5657, 5364, 5678, 5611, 5522, 5422, 5389, 5271, 5604, 5311, 5622 (4 hits) (05/02/2016 03:30:00 PM)
5	9	1.0	333.0	Yes	5494.6MHz, -63.0dBm	Hop sequence: 5498, 5374, 5382, 5591, 5618, 5386, 5267, 5483, 5550, 5270, 5322, 5597, 5347, 5574, 5328, 5259, 5619, 5372, 5588, 5301, 5460, 5428, 5641, 5516, 5724, 5694, 5507, 5511, 5524, 5603, 5688, 5617, 5466, 5599, 5475, 5312, 5486, 5412, 5635, 5592, 5487, 5625, 5348, 5504, 5525, 5401, 5547, 5675, 5406, 5680, 5633, 5441, 5702, 5271, 5660, 5608, 5440, 5383, 5531, 5262, 5539, 5425, 5473, 5691, 5415, 5639, 5253, 5520, 5462, 5324, 5268, 5684, 5555, 5549, 5407, 5699, 5490, 5311, 5595, 5613, 5398, 5449, 5316, 5560, 5429, 5590, 5638, 5556, 5596, 5323, 5444, 5537, 5610, 5651, 5569, 5522, 5448, 5367, 5380, 5661 (9 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:30:21 PM)
6	9	1.0	333.0	Yes	5495.6MHz, -63.0dBm	Hop sequence: 5553, 5656, 5313, 5648, 5547, 5610, 5714, 5665, 5503, 5609, 5615, 5417, 5430, 5556, 5570, 5375, 5410, 5325, 5461, 5283, 5682, 5267, 5486, 5596, 5699, 5685, 5605, 5644, 5328, 5312, 5326, 5715, 5629, 5698, 5340, 5346, 5705, 5361, 5473, 5693, 5669, 5399, 5268, 5639, 5266, 5388, 5667, 5480, 5465, 5309, 5477, 5324, 5619, 5485, 5452, 5526, 5357, 5393, 5478, 5254, 5641, 5419, 5257, 5510, 5555, 5601, 5423, 5335, 5622, 5406, 5409, 5360, 5630, 5310, 5694, 5600, 5688, 5614, 5426, 5522, 5404, 5405, 5269, 5251, 5713, 5311, 5291, 5711, 5628, 5545, 5471, 5689, 5584, 5258, 5687, 5558, 5376, 5500, 5337, 5459 (5 hits) (05/02/2016 03:30:40 PM)
7	9	1.0	333.0	Yes	5496.6MHz, -63.0dBm	Hop sequence: 5671, 5419, 5553, 5401, 5649, 5324, 5588, 5405, 5619, 5650, 5340, 5695, 5533, 5518, 5287, 5601, 5294, 5561, 5365, 5638, 5350, 5280, 5699, 5392, 5445, 5384, 5663, 5595, 5720, 5710, 5568, 5303, 5439, 5519, 5282, 5607, 5680, 5673, 5567, 5353, 5488, 5458, 5291, 5269, 5256, 5681, 5447, 5711, 5684, 5343, 5470, 5293, 5429, 5599, 5594, 5549, 5510, 5490, 5260, 5706, 5432, 5704, 5539, 5656, 5315, 5528, 5290, 5325, 5342, 5543, 5565, 5676, 5480, 5693, 5503, 5362, 5635, 5697, 5648, 5347, 5652, 5574, 5721, 5534, 5670, 5258, 5700, 5506, 5479, 5301, 5520, 5333, 5415, 5560, 5675, 5436, 5556, 5708, 5617, 5547 (7 hits) (05/02/2016 03:31:03 PM)
8	9	1.0	333.0	Yes	5497.6MHz, -63.0dBm	Hop sequence: 5483, 5633, 5504, 5505, 5360, 5499, 5694, 5277, 5617, 5535, 5420, 5552, 5361, 5698, 5298, 5700, 5655, 5555, 5532, 5457, 5261, 5432, 5583, 5704, 5385, 5283, 5571, 5551, 5648, 5364, 5690, 5330, 5689, 5572, 5547, 5651, 5601, 5371, 5323, 5716, 5395, 5322, 5272, 5635, 5304, 5556, 5509, 5346,

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5482, 5455, 5538, 5296, 5580, 5359, 5588, 5476, 5389, 5726, 5437, 5460, 5271, 5604, 5447, 5318, 5423, 5428, 5329, 5636, 5598, 5702, 5445, 5448, 5670, 5380, 5693, 5444, 5672, 5634, 5718, 5305, 5418, 5596, 5421, 5435, 5473, 5285, 5335, 5491, 5599, 5465, 5540, 5332, 5461, 5527, 5477, 5623, 5424, 5381, 5626, 5498 (6 hits) (05/02/2016 03:31:32 PM)
9	9	1.0	333.0	Yes	5498.6MHz, -63.0dBm	Hop sequence: 5344, 5627, 5419, 5539, 5524, 5466, 5671, 5258, 5683, 5407, 5551, 5610, 5489, 5440, 5545, 5599, 5669, 5288, 5297, 5501, 5659, 5383, 5695, 5694, 5423, 5576, 5402, 5262, 5442, 5506, 5311, 5537, 5307, 5538, 5647, 5592, 5337, 5679, 5724, 5616, 5352, 5660, 5357, 5368, 5574, 5333, 5615, 5351, 5691, 5648, 5590, 5430, 5558, 5469, 5662, 5465, 5254, 5488, 5389, 5665, 5450, 5550, 5392, 5404, 5382, 5596, 5611, 5618, 5323, 5536, 5354, 5318, 5378, 5567, 5701, 5617, 5287, 5252, 5682, 5390, 5270, 5319, 5342, 5362, 5259, 5305, 5540, 5562, 5403, 5499, 5541, 5581, 5386, 5713, 5415, 5281, 5284, 5638, 5602, 5271 (4 hits) (05/02/2016 03:31:49 PM)
10	9	1.0	333.0	Yes	5499.6MHz, -63.0dBm	Hop sequence: 5673, 5633, 5420, 5612, 5509, 5695, 5387, 5707, 5647, 5493, 5638, 5338, 5447, 5699, 5306, 5429, 5700, 5625, 5300, 5578, 5475, 5283, 5499, 5498, 5302, 5547, 5684, 5357, 5619, 5259, 5575, 5459, 5472, 5722, 5428, 5614, 5483, 5363, 5665, 5278, 5643, 5581, 5380, 5325, 5415, 5580, 5332, 5443, 5622, 5690, 5276, 5556, 5471, 5685, 5726, 5352, 5298, 5655, 5294, 5639, 5265, 5474, 5698, 5523, 5434, 5435, 5683, 5585, 5522, 5473, 5391, 5531, 5406, 5666, 5504, 5303, 5411, 5713, 5546, 5366, 5721, 5272, 5478, 5708, 5317, 5371, 5370, 5318, 5577, 5570, 5605, 5592, 5377, 5307, 5368, 5266, 5477, 5382, 5542, 5427 (7 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:32:07 PM)
11	9	1.0	333.0	Yes	5500.6MHz, -63.0dBm	Hop sequence: 5339, 5555, 5308, 5536, 5608, 5519, 5286, 5355, 5480, 5311, 5629, 5725, 5666, 5677, 5289, 5285, 5612, 5523, 5619, 5518, 5386, 5346, 5358, 5261, 5719, 5714, 5540, 5329, 5262, 5408, 5697, 5277, 5418, 5363, 5617, 5556, 5330, 5547, 5416, 5546, 5444, 5686, 5701, 5713, 5658, 5495, 5403, 5256, 5303, 5269, 5507, 5465, 5337, 5332, 5589, 5291, 5340, 5434, 5575, 5381, 5284, 5453, 5500, 5440, 5532, 5720, 5665, 5375, 5401, 5511, 5352, 5318, 5560, 5354, 5413, 5373, 5690, 5544, 5706, 5435, 5359, 5324, 5428, 5632, 5534, 5527, 5689, 5315, 5300, 5497, 5426, 5310, 5288, 5380, 5392, 5322, 5609, 5621, 5362, 5353 (9 hits) (05/02/2016 03:32:27 PM)
12	9	1.0	333.0	Yes	5501.6MHz, -63.0dBm	Hop sequence: 5530, 5423, 5335, 5387, 5323, 5527, 5432, 5689, 5401, 5524, 5714, 5380, 5254, 5576, 5277, 5363, 5444, 5461, 5368, 5311, 5429, 5614, 5567, 5305, 5435, 5478, 5296, 5648, 5520, 5680, 5575, 5473, 5676, 5719, 5561, 5334, 5442, 5674, 5433, 5584, 5318, 5618, 5377, 5346, 5474, 5494, 5295, 5611, 5504, 5630, 5360, 5574, 5558, 5481, 5338, 5392, 5637, 5437, 5694, 5252, 5613, 5272, 5315, 5496, 5570, 5671, 5309, 5585, 5623, 5345, 5588, 5386, 5643, 5635, 5600, 5544, 5522, 5431, 5687, 5642, 5324, 5447, 5505, 5353, 5647, 5526, 5681, 5543, 5572, 5487, 5391, 5445, 5357, 5662, 5282, 5608, 5270, 5441, 5341, 5492 (10 hits) (05/02/2016 03:32:44 PM)
13	9	1.0	333.0	Yes	5502.6MHz, -63.0dBm	Hop sequence: 5294, 5341, 5277, 5543, 5448, 5682, 5491, 5700, 5329, 5528, 5661, 5666, 5288, 5447, 5719, 5707, 5597, 5377, 5430, 5705, 5365, 5604, 5646, 5371, 5725, 5490, 5702, 5516, 5629, 5678, 5280, 5347, 5596, 5541, 5355, 5704, 5455, 5357, 5467, 5651, 5254, 5689, 5316, 5390, 5486, 5479, 5531, 5567,

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5360, 5291, 5306, 5656, 5519, 5617, 5630, 5679, 5359, 5296, 5459, 5540, 5669, 5695, 5338, 5556, 5465, 5411, 5663, 5438, 5319, 5586, 5686, 5494, 5513, 5723, 5692, 5452, 5361, 5569, 5674, 5720, 5315, 5488, 5713, 5265, 5562, 5626, 5362, 5557, 5378, 5464, 5410, 5582, 5547, 5642, 5688, 5535, 5687, 5326, 5392, 5336 (5 hits) (05/02/2016 03:33:20 PM)
14	9	1.0	333.0	Yes	5503.6MHz, -63.0dBm	Hop sequence: 5362, 5368, 5672, 5724, 5688, 5262, 5549, 5709, 5696, 5608, 5340, 5379, 5589, 5348, 5714, 5295, 5563, 5378, 5385, 5582, 5443, 5459, 5405, 5490, 5410, 5403, 5451, 5627, 5531, 5383, 5574, 5511, 5499, 5354, 5633, 5524, 5506, 5377, 5599, 5395, 5666, 5321, 5303, 5310, 5668, 5359, 5540, 5302, 5468, 5299, 5492, 5539, 5450, 5578, 5636, 5518, 5274, 5594, 5535, 5642, 5496, 5423, 5686, 5255, 5367, 5481, 5674, 5600, 5505, 5276, 5266, 5338, 5374, 5452, 5664, 5577, 5324, 5296, 5651, 5665, 5708, 5353, 5643, 5281, 5284, 5712, 5558, 5258, 5478, 5659, 5467, 5341, 5517, 5504, 5253, 5305, 5515, 5597, 5706, 5673 (11 hits) (05/02/2016 03:34:01 PM)
15	9	1.0	333.0	Yes	5504.6MHz, -63.0dBm	Hop sequence: 5624, 5701, 5381, 5720, 5444, 5283, 5368, 5537, 5519, 5437, 5603, 5593, 5440, 5595, 5388, 5536, 5581, 5539, 5531, 5264, 5653, 5280, 5276, 5510, 5446, 5532, 5293, 5308, 5574, 5395, 5585, 5461, 5298, 5401, 5717, 5328, 5285, 5312, 5518, 5320, 5477, 5263, 5400, 5323, 5689, 5275, 5503, 5680, 5385, 5464, 5265, 5356, 5493, 5387, 5481, 5425, 5617, 5324, 5604, 5410, 5269, 5551, 5397, 5546, 5570, 5703, 5626, 5295, 5301, 5467, 5463, 5258, 5599, 5507, 5591, 5485, 5316, 5322, 5303, 5552, 5695, 5460, 5404, 5639, 5384, 5361, 5714, 5622, 5306, 5286, 5415, 5642, 5706, 5598, 5344, 5319, 5525, 5646, 5492, 5339 (8 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:34:20 PM)
16	9	1.0	333.0	Yes	5505.6MHz, -63.0dBm	Hop sequence: 5626, 5576, 5364, 5428, 5664, 5616, 5600, 5566, 5582, 5683, 5258, 5454, 5370, 5638, 5587, 5321, 5336, 5687, 5474, 5478, 5515, 5409, 5317, 5261, 5314, 5524, 5673, 5328, 5408, 5556, 5716, 5477, 5686, 5642, 5622, 5669, 5483, 5516, 5394, 5442, 5571, 5561, 5681, 5367, 5609, 5457, 5263, 5415, 5467, 5508, 5569, 5464, 5254, 5432, 5654, 5696, 5565, 5387, 5359, 5505, 5257, 5650, 5657, 5722, 5635, 5562, 5379, 5612, 5554, 5480, 5502, 5446, 5294, 5499, 5363, 5417, 5329, 5538, 5390, 5301, 5335, 5262, 5400, 5634, 5376, 5303, 5382, 5698, 5685, 5498, 5653, 5269, 5593, 5588, 5288, 5332, 5545, 5431, 5445, 5649 (8 hits) (05/02/2016 03:34:37 PM)
17	9	1.0	333.0	Yes	5506.6MHz, -63.0dBm	Hop sequence: 5362, 5425, 5265, 5291, 5333, 5336, 5606, 5308, 5339, 5510, 5346, 5527, 5700, 5703, 5273, 5420, 5647, 5589, 5263, 5504, 5543, 5615, 5627, 5722, 5561, 5657, 5440, 5251, 5587, 5411, 5697, 5297, 5580, 5380, 5337, 5594, 5611, 5404, 5699, 5670, 5320, 5464, 5256, 5545, 5554, 5488, 5575, 5268, 5452, 5416, 5645, 5325, 5494, 5617, 5506, 5546, 5706, 5492, 5581, 5507, 5334, 5578, 5438, 5314, 5548, 5379, 5698, 5274, 5623, 5515, 5547, 5689, 5430, 5384, 5386, 5586, 5392, 5349, 5395, 5332, 5675, 5534, 5361, 5262, 5418, 5279, 5538, 5382, 5376, 5635, 5664, 5570, 5474, 5495, 5402, 5410, 5644, 5690, 5622, 5327 (9 hits) (05/02/2016 03:34:55 PM)
18	9	1.0	333.0	Yes	5507.6MHz, -63.0dBm	Hop sequence: 5445, 5605, 5306, 5575, 5520, 5692, 5679, 5598, 5493, 5539, 5323, 5693, 5643, 5415, 5472, 5498, 5668, 5464, 5412, 5416, 5545, 5468, 5446, 5695, 5604, 5449, 5288, 5543, 5336, 5316, 5391, 5303, 5311, 5725, 5377, 5476, 5633, 5662, 5348, 5694, 5699, 5720, 5561, 5351, 5652, 5383, 5344, 5417,

Table 81 - 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, 5573, 5419, 5408, 5674, 5290, 5256, 5302, 5327, 5275, 5535, 5413, 5556, 5293, 5387, 5508, 5314, 5364, 5375, 5554, 5456, 5680, 5444, 5404, 5460, 5253, 5285, 5555, 5715, 5421, 5660, 5632, 5517, 5579, 5688, 5371, 5712, 5300, 5324, 5577, 5512, 5411, 5343, 5264, 5658, 5334, 5500, 5615, 5488, 5611, 5610, 5401 (7 hits) (05/02/2016 03:35:13 PM)
19	9	1.0	333.0	Yes	5508.6MHz, -63.0dBm	Hop sequence: 5458, 5255, 5586, 5362, 5493, 5722, 5500, 5662, 5402, 5571, 5532, 5469, 5629, 5574, 5408, 5630, 5284, 5260, 5618, 5515, 5711, 5593, 5719, 5296, 5363, 5420, 5391, 5721, 5291, 5386, 5679, 5264, 5659, 5649, 5266, 5523, 5636, 5367, 5680, 5252, 5351, 5712, 5298, 5282, 5606, 5276, 5688, 5270, 5414, 5426, 5641, 5388, 5579, 5292, 5334, 5638, 5352, 5512, 5461, 5436, 5510, 5432, 5405, 5673, 5430, 5554, 5547, 5681, 5612, 5473, 5468, 5321, 5471, 5521, 5511, 5542, 5251, 5254, 5656, 5350, 5417, 5442, 5677, 5545, 5539, 5287, 5725, 5661, 5434, 5423, 5518, 5670, 5347, 5646, 5556, 5707, 5390, 5392, 5263, 5470 (9 hits) (05/02/2016 03:35:30 PM)
20	9	1.0	333.0	Yes	5509.6MHz, -63.0dBm	Hop sequence: 5428, 5459, 5431, 5299, 5623, 5490, 5295, 5571, 5413, 5684, 5608, 5706, 5276, 5267, 5468, 5569, 5582, 5627, 5505, 5422, 5552, 5467, 5618, 5275, 5517, 5425, 5722, 5439, 5324, 5264, 5251, 5622, 5670, 5303, 5272, 5606, 5696, 5593, 5314, 5271, 5611, 5488, 5720, 5346, 5348, 5712, 5293, 5697, 5694, 5309, 5282, 5408, 5311, 5719, 5596, 5405, 5538, 5323, 5581, 5663, 5278, 5561, 5287, 5572, 5435, 5657, 5594, 5631, 5598, 5455, 5553, 5723, 5717, 5679, 5476, 5329, 5341, 5270, 5430, 5501, 5456, 5327, 5289, 5381, 5535, 5724, 5675, 5261, 5636, 5620, 5650, 5403, 5445, 5312, 5492, 5319, 5437, 5506, 5369, 5698 (5 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:35:47 PM)
21	9	1.0	333.0	Yes	5510.6MHz, -63.0dBm	Hop sequence: 5293, 5437, 5561, 5434, 5333, 5280, 5420, 5430, 5479, 5349, 5484, 5370, 5629, 5657, 5623, 5279, 5654, 5683, 5604, 5586, 5399, 5301, 5485, 5321, 5375, 5659, 5608, 5391, 5502, 5532, 5639, 5443, 5397, 5690, 5632, 5422, 5364, 5377, 5680, 5542, 5692, 5658, 5537, 5526, 5482, 5272, 5648, 5414, 5448, 5610, 5329, 5631, 5362, 5305, 5698, 5268, 5634, 5689, 5273, 5411, 5620, 5488, 5403, 5435, 5581, 5596, 5318, 5346, 5677, 5417, 5557, 5619, 5264, 5408, 5686, 5367, 5431, 5406, 5693, 5585, 5360, 5369, 5579, 5478, 5636, 5462, 5371, 5269, 5669, 5551, 5263, 5400, 5358, 5701, 5342, 5352, 5637, 5574, 5577, 5644 (2 hits) (05/02/2016 03:36:07 PM)
22	9	1.0	333.0	Yes	5511.6MHz, -63.0dBm	Hop sequence: 5346, 5467, 5710, 5723, 5607, 5624, 5521, 5422, 5495, 5403, 5720, 5402, 5528, 5412, 5429, 5516, 5374, 5417, 5337, 5549, 5494, 5690, 5438, 5379, 5269, 5485, 5647, 5276, 5300, 5376, 5588, 5719, 5591, 5691, 5357, 5662, 5656, 5703, 5339, 5360, 5480, 5393, 5558, 5671, 5497, 5644, 5493, 5396, 5425, 5506, 5383, 5722, 5548, 5312, 5628, 5609, 5345, 5268, 5603, 5704, 5407, 5532, 5515, 5543, 5355, 5370, 5541, 5504, 5696, 5416, 5286, 5478, 5499, 5385, 5712, 5498, 5640, 5571, 5501, 5366, 5378, 5613, 5610, 5568, 5365, 5705, 5505, 5333, 5596, 5614, 5289, 5295, 5454, 5392, 5546, 5428, 5264, 5453, 5274, 5418 (14 hits) (05/02/2016 03:36:43 PM)
23	9	1.0	333.0	Yes	5512.6MHz, -63.0dBm	Hop sequence: 5672, 5495, 5573, 5527, 5577, 5340, 5404, 5656, 5259, 5678, 5592, 5290, 5689, 5273, 5491, 5484, 5705, 5633, 5709, 5310, 5395, 5677, 5299, 5487, 5394, 5432, 5682, 5499, 5706, 5557, 5401, 5510, 5718, 5564, 5722, 5599, 5567, 5320, 5378, 5472, 5261, 5562, 5367, 5697, 5256, 5572, 5270, 5457,

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5590, 5327, 5333, 5294, 5303, 5640, 5639, 5598, 5509, 5517, 5372, 5632, 5710, 5571, 5496, 5545, 5377, 5653, 5498, 5711, 5255, 5494, 5371, 5280, 5286, 5315, 5321, 5352, 5470, 5482, 5660, 5488, 5309, 5559, 5307, 5313, 5260, 5623, 5323, 5616, 5688, 5531, 5253, 5513, 5349, 5699, 5430, 5511, 5355, 5325, 5535, 5424 (11 hits) (05/02/2016 03:37:03 PM)
24	9	1.0	333.0	Yes	5513.6MHz, -63.0dBm	Hop sequence: 5442, 5382, 5332, 5595, 5347, 5549, 5713, 5699, 5700, 5275, 5480, 5455, 5469, 5645, 5717, 5583, 5707, 5510, 5268, 5431, 5554, 5255, 5292, 5596, 5406, 5467, 5685, 5672, 5496, 5577, 5438, 5310, 5599, 5271, 5316, 5433, 5634, 5369, 5543, 5518, 5614, 5279, 5405, 5682, 5357, 5456, 5449, 5565, 5352, 5570, 5605, 5335, 5611, 5545, 5711, 5315, 5602, 5341, 5484, 5559, 5400, 5689, 5452, 5445, 5639, 5388, 5453, 5462, 5440, 5418, 5483, 5706, 5683, 5621, 5578, 5664, 5493, 5655, 5709, 5591, 5314, 5334, 5391, 5569, 5571, 5368, 5432, 5590, 5718, 5349, 5350, 5371, 5465, 5680, 5671, 5251, 5417, 5307, 5491, 5719 (4 hits) (05/02/2016 03:37:24 PM)
25	9	1.0	333.0	Yes	5514.6MHz, -63.0dBm	Hop sequence: 5562, 5422, 5383, 5566, 5591, 5495, 5537, 5578, 5346, 5336, 5541, 5624, 5471, 5518, 5333, 5368, 5410, 5580, 5262, 5623, 5621, 5555, 5467, 5698, 5594, 5450, 5278, 5341, 5560, 5466, 5710, 5665, 5414, 5342, 5700, 5260, 5613, 5516, 5463, 5331, 5633, 5429, 5649, 5454, 5424, 5545, 5389, 5684, 5608, 5622, 5673, 5714, 5301, 5373, 5304, 5364, 5576, 5630, 5497, 5712, 5395, 5332, 5393, 5374, 5677, 5520, 5335, 5696, 5567, 5647, 5590, 5688, 5538, 5276, 5327, 5675, 5403, 5514, 5604, 5638, 5472, 5416, 5642, 5655, 5269, 5317, 5626, 5399, 5616, 5676, 5286, 5351, 5459, 5431, 5505, 5256, 5267, 5268, 5338, 5512 (8 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:37:41 PM)
26	9	1.0	333.0	Yes	5515.6MHz, -63.0dBm	Hop sequence: 5300, 5467, 5675, 5438, 5627, 5346, 5654, 5363, 5271, 5590, 5702, 5685, 5418, 5404, 5599, 5323, 5277, 5307, 5329, 5564, 5449, 5546, 5500, 5441, 5388, 5477, 5524, 5268, 5507, 5615, 5250, 5665, 5602, 5270, 5506, 5383, 5395, 5434, 5267, 5425, 5342, 5341, 5408, 5454, 5668, 5516, 5442, 5595, 5366, 5527, 5571, 5609, 5679, 5448, 5622, 5523, 5380, 5348, 5278, 5254, 5542, 5298, 5423, 5528, 5286, 5639, 5305, 5577, 5494, 5334, 5699, 5605, 5596, 5255, 5593, 5407, 5686, 5316, 5522, 5431, 5634, 5269, 5569, 5563, 5641, 5349, 5666, 5539, 5701, 5483, 5502, 5505, 5459, 5406, 5600, 5272, 5608, 5509, 5559, 5537 (13 hits) (05/02/2016 03:38:00 PM)
27	9	1.0	333.0	Yes	5516.6MHz, -63.0dBm	Hop sequence: 5447, 5580, 5710, 5613, 5439, 5433, 5450, 5572, 5358, 5282, 5388, 5552, 5277, 5536, 5724, 5544, 5675, 5556, 5684, 5616, 5507, 5485, 5586, 5581, 5694, 5582, 5490, 5449, 5503, 5527, 5577, 5382, 5288, 5309, 5460, 5641, 5280, 5300, 5378, 5392, 5677, 5531, 5659, 5457, 5565, 5340, 5594, 5310, 5511, 5394, 5353, 5506, 5279, 5304, 5651, 5437, 5681, 5564, 5567, 5662, 5256, 5365, 5652, 5579, 5271, 5307, 5377, 5543, 5420, 5359, 5502, 5458, 5561, 5557, 5317, 5624, 5605, 5251, 5264, 5292, 5612, 5589, 5372, 5448, 5686, 5322, 5660, 5487, 5294, 5384, 5350, 5391, 5670, 5512, 5689, 5431, 5408, 5424, 5648, 5649 (7 hits) (05/02/2016 03:38:18 PM)
28	9	1.0	333.0	No	5517.6MHz, -63.0dBm	Hop sequence: 5513, 5280, 5285, 5611, 5303, 5568, 5330, 5545, 5269, 5433, 5542, 5375, 5258, 5413, 5576, 5446, 5502, 5569, 5680, 5273, 5341, 5423, 5335, 5498, 5404, 5642, 5378, 5550, 5543, 5315, 5582, 5698, 5260, 5496, 5684, 5326, 5590, 5300, 5672, 5305, 5445, 5360, 5653, 5641, 5320, 5432, 5290, 5307,

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5694, 5659, 5355, 5605, 5395, 5310, 5332, 5647, 5713, 5537, 5630, 5578, 5564, 5646, 5634, 5311, 5416, 5686, 5670, 5492, 5532, 5409, 5354, 5356, 5352, 5548, 5401, 5271, 5479, 5524, 5530, 5261, 5313, 5689, 5706, 5595, 5572, 5453, 5615, 5604, 5451, 5549, 5725, 5691, 5702, 5675, 5621, 5339, 5270, 5685, 5459, 5589 (6 hits) (05/02/2016 03:38:37 PM)
29	9	1.0	333.0	Yes	5518.6MHz, -63.0dBm	Hop sequence: 5431, 5469, 5255, 5713, 5481, 5555, 5696, 5351, 5260, 5393, 5516, 5708, 5717, 5576, 5667, 5644, 5559, 5446, 5603, 5661, 5270, 5287, 5618, 5630, 5701, 5496, 5524, 5432, 5541, 5274, 5410, 5509, 5593, 5690, 5478, 5645, 5304, 5309, 5460, 5567, 5652, 5483, 5484, 5704, 5336, 5370, 5573, 5521, 5591, 5706, 5413, 5263, 5345, 5354, 5680, 5566, 5694, 5276, 5352, 5699, 5288, 5666, 5417, 5458, 5308, 5707, 5337, 5321, 5519, 5688, 5392, 5526, 5470, 5584, 5671, 5582, 5631, 5419, 5489, 5543, 5528, 5649, 5474, 5711, 5356, 5629, 5615, 5604, 5651, 5331, 5476, 5380, 5404, 5293, 5522, 5333, 5320, 5646, 5271, 5264 (9 hits) (05/02/2016 03:38:57 PM)
30	9	1.0	333.0	Yes	5519.6MHz, -63.0dBm	Hop sequence: 5434, 5605, 5696, 5714, 5358, 5569, 5693, 5309, 5353, 5349, 5588, 5337, 5613, 5263, 5458, 5321, 5361, 5390, 5492, 5518, 5589, 5456, 5341, 5442, 5389, 5502, 5536, 5461, 5602, 5379, 5522, 5609, 5639, 5637, 5515, 5450, 5357, 5463, 5374, 5719, 5646, 5630, 5373, 5708, 5426, 5399, 5332, 5440, 5320, 5257, 5297, 5514, 5267, 5435, 5699, 5674, 5457, 5679, 5501, 5573, 5539, 5427, 5504, 5563, 5394, 5370, 5643, 5410, 5652, 5408, 5688, 5571, 5339, 5367, 5702, 5507, 5633, 5255, 5347, 5710, 5540, 5508, 5403, 5662, 5288, 5472, 5482, 5520, 5593, 5531, 5592, 5466, 5606, 5451, 5465, 5308, 5668, 5438, 5303, 5716 (11 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:39:15 PM)
31	9	1.0	333.0	Yes	5520.6MHz, -63.0dBm	Hop sequence: 5388, 5425, 5686, 5506, 5625, 5569, 5296, 5467, 5348, 5623, 5563, 5417, 5482, 5437, 5723, 5675, 5270, 5298, 5688, 5260, 5409, 5507, 5498, 5515, 5403, 5278, 5330, 5364, 5659, 5322, 5584, 5440, 5269, 5274, 5372, 5653, 5540, 5664, 5620, 5463, 5514, 5346, 5305, 5450, 5377, 5392, 5647, 5604, 5471, 5455, 5381, 5639, 5389, 5637, 5481, 5483, 5268, 5644, 5281, 5309, 5699, 5431, 5576, 5291, 5630, 5497, 5648, 5612, 5487, 5456, 5530, 5383, 5554, 5550, 5414, 5394, 5323, 5676, 5618, 5347, 5527, 5444, 5619, 5494, 5370, 5611, 5292, 5710, 5328, 5607, 5293, 5586, 5698, 5519, 5430, 5272, 5257, 5319, 5541, 5363 (9 hits) (05/02/2016 03:39:31 PM)
32	9	1.0	333.0	Yes	5521.6MHz, -63.0dBm	Hop sequence: 5573, 5693, 5577, 5491, 5692, 5337, 5313, 5581, 5561, 5495, 5686, 5712, 5382, 5595, 5703, 5492, 5285, 5522, 5717, 5468, 5553, 5376, 5342, 5465, 5670, 5637, 5675, 5689, 5260, 5293, 5400, 5461, 5338, 5363, 5455, 5510, 5551, 5281, 5520, 5317, 5333, 5403, 5323, 5546, 5633, 5680, 5621, 5288, 5585, 5503, 5326, 5691, 5681, 5513, 5709, 5251, 5498, 5726, 5544, 5418, 5413, 5283, 5263, 5389, 5598, 5257, 5716, 5380, 5415, 5429, 5408, 5630, 5723, 5685, 5440, 5536, 5349, 5604, 5625, 5357, 5459, 5550, 5515, 5297, 5531, 5454, 5500, 5525, 5679, 5562, 5656, 5682, 5466, 5334, 5719, 5654, 5575, 5557, 5579, 5362 (11 hits) (05/02/2016 03:39:47 PM)
33	9	1.0	333.0	Yes	5522.6MHz, -63.0dBm	Hop sequence: 5313, 5481, 5470, 5522, 5659, 5344, 5556, 5274, 5584, 5661, 5445, 5603, 5337, 5339, 5604, 5616, 5448, 5536, 5461, 5477, 5576, 5625, 5411, 5306, 5360, 5622, 5704, 5644, 5570, 5352, 5686, 5532, 5381, 5280, 5335, 5408, 5492, 5370, 5521, 5338, 5260, 5548, 5560, 5316, 5258, 5702, 5721, 5329,

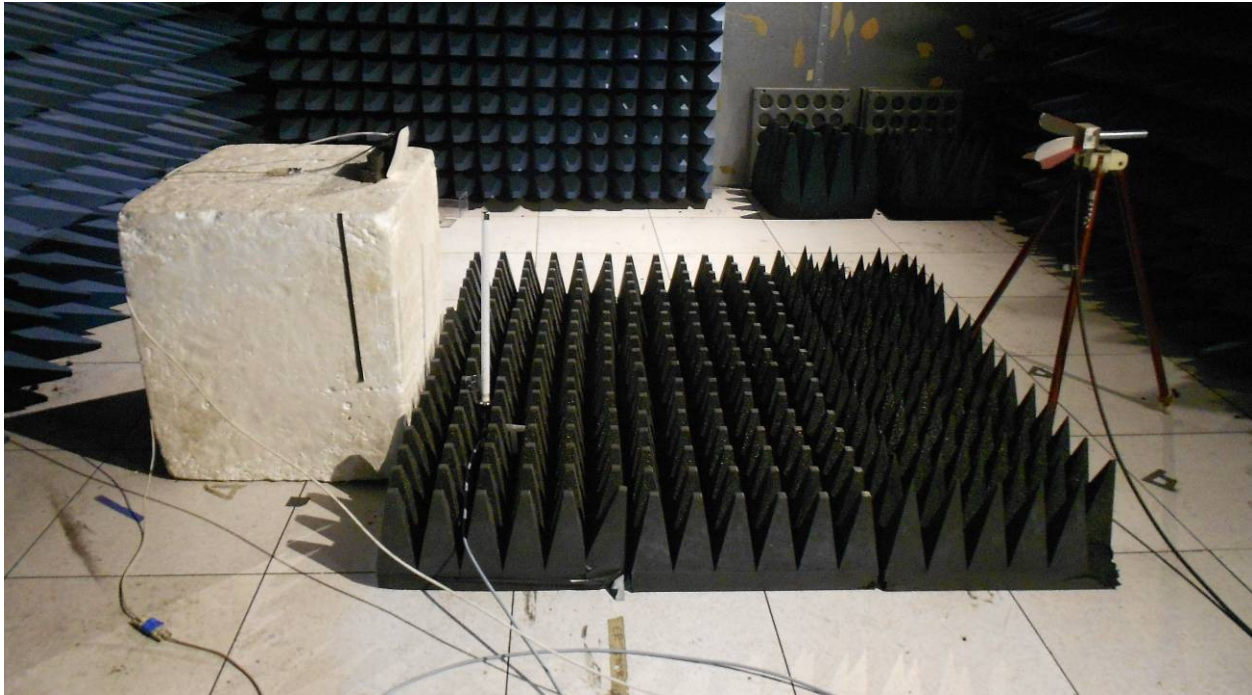
Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5320, 5630, 5545, 5600, 5328, 5588, 5505, 5336, 5279, 5577, 5563, 5455, 5443, 5493, 5679, 5513, 5391, 5435, 5303, 5552, 5676, 5614, 5579, 5421, 5510, 5658, 5292, 5392, 5396, 5252, 5607, 5650, 5517, 5654, 5685, 5500, 5389, 5646, 5357, 5473, 5508, 5598, 5449, 5361, 5498, 5309, 5270, 5706, 5395, 5289, 5257, 5525 (12 hits) (05/02/2016 03:40:03 PM)
34	9	1.0	333.0	Yes	5523.6MHz, -63.0dBm	Hop sequence: 5390, 5627, 5586, 5527, 5298, 5288, 5353, 5378, 5576, 5468, 5665, 5282, 5610, 5502, 5661, 5721, 5523, 5657, 5271, 5383, 5538, 5645, 5516, 5329, 5552, 5256, 5299, 5500, 5544, 5540, 5535, 5714, 5520, 5710, 5522, 5442, 5480, 5603, 5400, 5346, 5321, 5517, 5333, 5402, 5642, 5601, 5411, 5473, 5266, 5370, 5507, 5510, 5592, 5328, 5548, 5254, 5529, 5343, 5368, 5367, 5682, 5395, 5450, 5551, 5453, 5647, 5635, 5444, 5300, 5324, 5503, 5460, 5273, 5441, 5579, 5495, 5505, 5380, 5513, 5306, 5694, 5263, 5662, 5512, 5593, 5637, 5287, 5609, 5303, 5414, 5653, 5617, 5649, 5561, 5251, 5613, 5469, 5316, 5654, 5639 (15 hits) (05/02/2016 03:40:20 PM)
35	9	1.0	333.0	Yes	5524.6MHz, -63.0dBm	Hop sequence: 5394, 5479, 5328, 5323, 5615, 5518, 5415, 5489, 5284, 5548, 5253, 5366, 5380, 5406, 5646, 5346, 5270, 5550, 5295, 5313, 5433, 5455, 5513, 5640, 5579, 5620, 5439, 5713, 5421, 5442, 5402, 5544, 5460, 5632, 5285, 5375, 5286, 5350, 5586, 5515, 5696, 5311, 5379, 5324, 5407, 5532, 5607, 5680, 5648, 5488, 5392, 5401, 5606, 5514, 5569, 5329, 5434, 5690, 5268, 5524, 5308, 5611, 5547, 5596, 5399, 5302, 5565, 5706, 5336, 5543, 5458, 5361, 5370, 5297, 5454, 5326, 5674, 5467, 5398, 5372, 5413, 5261, 5493, 5566, 5624, 5571, 5561, 5445, 5281, 5576, 5724, 5448, 5655, 5362, 5499, 5711, 5449, 5628, 5365, 5678 (7 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:40:36 PM)
36	9	1.0	333.0	Yes	5525.6MHz, -63.0dBm	Hop sequence: 5670, 5724, 5366, 5647, 5422, 5283, 5609, 5631, 5284, 5690, 5549, 5455, 5578, 5700, 5512, 5505, 5629, 5344, 5542, 5363, 5650, 5405, 5581, 5703, 5502, 5256, 5507, 5559, 5695, 5508, 5330, 5317, 5445, 5715, 5350, 5573, 5521, 5664, 5318, 5364, 5326, 5566, 5547, 5349, 5261, 5459, 5409, 5329, 5447, 5312, 5466, 5441, 5280, 5394, 5667, 5395, 5462, 5522, 5383, 5490, 5375, 5684, 5644, 5638, 5377, 5572, 5514, 5697, 5706, 5289, 5590, 5607, 5270, 5260, 5545, 5417, 5613, 5562, 5288, 5649, 5509, 5303, 5580, 5701, 5352, 5588, 5336, 5634, 5536, 5606, 5460, 5370, 5699, 5525, 5372, 5279, 5333, 5478, 5453, 5675 (10 hits) (05/02/2016 03:40:56 PM)
37	9	1.0	333.0	Yes	5526.6MHz, -63.0dBm	Hop sequence: 5372, 5637, 5373, 5299, 5522, 5567, 5617, 5640, 5675, 5259, 5419, 5366, 5306, 5357, 5330, 5260, 5405, 5580, 5494, 5284, 5436, 5464, 5338, 5431, 5599, 5252, 5658, 5428, 5621, 5615, 5461, 5320, 5332, 5385, 5676, 5594, 5286, 5323, 5688, 5302, 5514, 5575, 5311, 5272, 5563, 5312, 5267, 5255, 5471, 5549, 5527, 5345, 5395, 5450, 5501, 5361, 5586, 5390, 5407, 5378, 5411, 5508, 5264, 5352, 5653, 5293, 5524, 5360, 5504, 5396, 5457, 5283, 5532, 5511, 5362, 5589, 5442, 5535, 5295, 5327, 5341, 5381, 5725, 5463, 5270, 5370, 5591, 5291, 5452, 5531, 5474, 5604, 5547, 5476, 5525, 5539, 5581, 5277, 5707, 5554 (10 hits) (05/02/2016 03:41:14 PM)
38	9	1.0	333.0	Yes	5527.6MHz, -63.0dBm	Hop sequence: 5519, 5613, 5704, 5581, 5447, 5333, 5336, 5306, 5413, 5683, 5369, 5508, 5367, 5358, 5495, 5408, 5301, 5488, 5679, 5723, 5638, 5462, 5298, 5605, 5511, 5722, 5364, 5412, 5326, 5653, 5291, 5446, 5597, 5541, 5637, 5601, 5647, 5660, 5415, 5610, 5339, 5444, 5657, 5535, 5451, 5520, 5720, 5477,

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5507, 5312, 5569, 5512, 5308, 5567, 5717, 5289, 5615, 5379, 5576, 5721, 5355, 5293, 5401, 5319, 5267, 5664, 5587, 5328, 5410, 5528, 5596, 5681, 5622, 5275, 5331, 5648, 5386, 5353, 5458, 5295, 5699, 5546, 5579, 5726, 5548, 5643, 5464, 5467, 5530, 5476, 5431, 5693, 5493, 5260, 5399, 5608, 5305, 5700, 5617, 5585 (9 hits) (05/02/2016 03:41:31 PM)
39	9	1.0	333.0	Yes	5528.4MHz, -63.0dBm	Hop sequence: 5562, 5627, 5724, 5503, 5561, 5636, 5427, 5547, 5270, 5586, 5285, 5404, 5342, 5282, 5467, 5412, 5477, 5638, 5497, 5551, 5346, 5358, 5456, 5548, 5686, 5637, 5535, 5281, 5565, 5530, 5369, 5384, 5666, 5598, 5380, 5396, 5614, 5722, 5370, 5307, 5257, 5337, 5259, 5660, 5360, 5377, 5391, 5441, 5347, 5423, 5294, 5314, 5428, 5473, 5713, 5324, 5356, 5529, 5501, 5395, 5487, 5390, 5311, 5372, 5584, 5623, 5444, 5504, 5587, 5675, 5512, 5581, 5422, 5657, 5549, 5714, 5577, 5508, 5679, 5631, 5305, 5505, 5523, 5264, 5283, 5639, 5351, 5700, 5449, 5615, 5414, 5650, 5268, 5632, 5697, 5276, 5559, 5295, 5286, 5594 (8 hits) (05/02/2016 03:41:52 PM)
40	9	1.0	333.0	Yes	5491.6MHz, -63.0dBm	Hop sequence: 5642, 5315, 5532, 5469, 5558, 5414, 5513, 5284, 5380, 5410, 5387, 5353, 5422, 5551, 5509, 5406, 5300, 5263, 5693, 5320, 5436, 5542, 5352, 5364, 5396, 5489, 5593, 5635, 5296, 5630, 5499, 5717, 5336, 5302, 5287, 5471, 5634, 5624, 5291, 5257, 5607, 5679, 5516, 5447, 5535, 5322, 5536, 5277, 5507, 5361, 5561, 5684, 5273, 5357, 5589, 5487, 5647, 5290, 5441, 5690, 5480, 5375, 5645, 5651, 5664, 5614, 5435, 5711, 5590, 5265, 5253, 5545, 5580, 5640, 5344, 5608, 5531, 5366, 5574, 5617, 5286, 5448, 5325, 5672, 5358, 5510, 5539, 5439, 5283, 5623, 5576, 5478, 5700, 5687, 5289, 5678, 5259, 5619, 5432, 5657 (6 hits) (05/02/2016

Table 81 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:42:10 PM)
41	9	1.0	333.0	Yes	5492.6MHz, -63.0dBm	Hop sequence: 5427, 5498, 5523, 5546, 5491, 5599, 5666, 5369, 5381, 5504, 5484, 5633, 5330, 5284, 5603, 5288, 5508, 5563, 5437, 5533, 5528, 5526, 5465, 5350, 5322, 5497, 5502, 5419, 5651, 5443, 5571, 5340, 5302, 5500, 5537, 5371, 5356, 5296, 5616, 5649, 5346, 5382, 5521, 5681, 5377, 5312, 5309, 5362, 5308, 5290, 5392, 5567, 5388, 5588, 5295, 5452, 5501, 5253, 5695, 5311, 5550, 5435, 5460, 5670, 5433, 5259, 5622, 5575, 5691, 5632, 5395, 5511, 5711, 5339, 5658, 5702, 5400, 5665, 5559, 5664, 5551, 5682, 5432, 5626, 5329, 5428, 5645, 5422, 5717, 5393, 5334, 5661, 5598, 5469, 5591, 5389, 5344, 5697, 5512, 5516 (14 hits) (05/02/2016 03:42:27 PM)

Appendix C Test Configuration Photograph(s)



End of Report

This page is intentionally blank and marks the last page of this test report.